

2014-19 की अवधि के लिए टैरिफ को ड्रॉइंग अप करने के लिए याचिका  
और  
चुटक पावर स्टेशन के संबंध में 2019 - 24 तक की अवधि के लिए टैरिफ याचिका

एनएचपीसी लिमिटेड  
(भारत सरकार का उद्यम)



वाणिज्यिक प्रभाग  
एनएचपीसी कार्यालय परिसर  
सेक्टर-33, फरीदाबाद (हरियाणा) - 121003

वॉल्यूम- I

**माननीय केंद्रीय विद्युत विनियामक आयोग, नई दिल्ली के समक्ष**

याचिका संख्या /जीटी/2019

**निम्नलिखित के विषय में:**

चुटक पावर स्टेशन के संबंध में 2014-19 की अवधि के लिए पूंजीगत व्यय को सही करने हेतु केंद्रीय विद्युत विनियामक आयोग (कार्य संचालन), विनियामावली, 1999 के विनियम 79(1) और 86, विद्युत अधिनियम, 2003 की धारा 62(1)(क) और केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क के निबंधन और शर्तें) विनियामवली, 2009 के विनियम 8,14 और 25(3) के अंतर्गत याचिका ।

**और**

चुटक पावर स्टेशन के संबंध में 2019-24 की अवधि के लिए प्रशुल्क (टैरिफ) के निर्धारण हेतु केंद्रीय विद्युत विनियामक आयोग (कार्य संचालन), विनियामावली, 1999 के विनियम 79(1) और 86, विद्युत अधिनियम, 2003 की धारा 62(1)(क) और केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क के निबंधन और शर्तें) विनियामवली, 2014 के विनियम 9(2), 10(1), 12, 25, 26 और 35(2) के अंतर्गत याचिका ।

**याचिकाकर्ता :**

एनएचपीसी लिमिटेड  
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सेक्टर-33, फरीदाबाद - 121003

**प्रतिवादीगण :**

1. प्रमुख सचिव,  
विद्युत विकास विभाग  
नया सचिवालय  
जम्मू - 180001 (जम्मू व कश्मीर)

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एनएचपीसी लिमिटेड के

माध्यम से

(एम.जी. गोखले)  
महाप्रबंधक (वाणिज्यिक)

स्थान : फरीदाबाद  
दिनांक : 23.10.2019

**निम्नलिखित के विषय में:**

चुटक पावर स्टेशन के संबंध में 2014-19 की अवधि के लिए पूंजीगत व्यय को सही करने हेतु केंद्रीय विद्युत विनियामक आयोग (कार्य संचालन), विनियमावली, 1999 के विनियम 79(1) और 86, विद्युत अधिनियम, 2003 की धारा 62(1)(क) और केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क के निबंधन और शर्तें) विनियामवली, 2009 के विनियम 8, 14 और 25(3) के अंतर्गत याचिका ।

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**याचिकाकर्ता :**

एनएचपीसी लिमिटेड  
(भारत सरकार का उद्यम)  
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सेक्टर-33, फरीदाबाद - 121 003

**प्रतिवादीगण :**

1. प्रमुख सचिव,  
विद्युत विकास विभाग  
नया सचिवालय  
जम्मू - 180001 (जम्मू व कश्मीर)

चुटक बिजली केंद्र के संदर्भ में सीईआरसी (व्यापार संचालन), विनियम, 1999, के 79(1) और 86 के तहत बिजली अधिनियम 2003 की धारा 62(1)(ए) और सीईआरसी (शुल्क-नियम और शर्तें) विनियम 2014 के नियम 8, 14 और 25(3) और सीईआरसी (शुल्क - नियम और शर्तें)

विनियम 2019 के नियम 9(2),10 (1), 12, 25, 26 & 35 (2) से संबंधित संशोधन के तहत याचिका

**सादर प्रस्तुत:**

1. एनएचपीसी लिमिटेड, जिसे यहां बाद में 'एनएचपीसी' कहा गया है, कम्पनी अधिनियम, 1956 के तहत भारत सरकार की कम्पनी है। बिजली अधिनियम, 2003 की धारा 2(28) के तहत यह 'बिजली उत्पादन कम्पनी' है।
2. एनएचपीसी के स्वामित्व में चुटक बिजली केंद्र (4x11 =44 मेगावाट) केंद्र शासित प्रदेश जम्मू कश्मीर में अवस्थित है और पीडीडी, जम्मू कश्मीर को अपना वाणिज्यिक संचालन शुरू होने, (01.02.2013 से लागू) के बाद से बिजली आपूर्ति कर रहा है।
3. एनएचपीसी ने चुटक बिजली केंद्र का निर्माण किया है और वाणिज्यिक संचालन शुरू होने के समय से इसका संचालन और रख रखाव कर रहा है। इस बिजली केंद्र से उत्पादित बिजली की आपूर्ति पीडीडी, जम्मू कश्मीर को (पीपीए)/बीपीएसए के अनुसार हस्ताक्षरित बिजली खरीद समझौते के तहत की जा रही है।
4. बिजली अधिनियम की धारा 62 बिजली उत्पादन कम्पनी द्वारा लाइसेंस प्राप्त वितरक को बिजली आपूर्ति के लिए एप्रोप्रिएट कमीशन द्वारा शुल्क निर्धारण का प्रावधान करती है। माननीय आयोग को बिजली अधिनियम 2003 की धारा 79(1)(ए) के तहत केंद्र सरकार के स्वामित्व या नियंत्रण वाली उत्पादन कम्पनियों के शुल्क नियमन का अधिकार दिया गया है।

5. माननीय आयोग ने केंद्रीय बिजली नियामक आयोग (शुल्क नियम और शर्तें) विनियम 2014 और अनुवर्ती संशोधनों के अनुरूप दिनांक 29 मार्च, 2017 के अपने आदेश और याचिका संख्या 252/जीटी/2014 में दिनांक 19 अप्रैल 2017 के अनुवर्ती शुद्धिपत्र द्वारा 01.04.2014 से 31.03.2019 की अवधि के लिए चुटक बिजली कम्पनी के शुल्क का निर्धारण किया है।

**भाग-ए: 2014-19 की अवधि के लिए शुल्क की तसदीक**

6. माननीय आयोग द्वारा 19.04.2017 (अनुलग्नक III) के अपने आदेश द्वारा स्वीकृत अनुमानित अतिरिक्त पूंजी लगाने और निकालने (देनदारियों के निपटान सहित, यदि कोई हो) की अनुमति संक्षेप में इस प्रकार है :

(रुपये लाख में)

वर्ष	2014-15	2015-16	2016-17	2017-18	2018-19
शुद्ध अतिरिक्त पूंजी व्यय अनुमति	5132.71	1991.71	0.00	0.00	0.00
देनदारियों का निपटान	0.00	0.00	0.00	0.00	0.00
<b>स्वीकृत अतिरिक्त पूंजी व्यय</b>	<b>5132.71</b>	<b>1991.71</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

7. माननीय आयोग द्वारा दिनांक 19.04.2017 के आदेश द्वारा स्वीकृत वार्षिक तय शुल्क (एफसी) का विवरण। शुरुआती पूंजी लागत 86865.46 लाख (दिनांक 01.04.2014 को) और उपरोक्त अतिरिक्त पूंजी का विवरण इस प्रकार है:

(रुपये लाख में)

विवरण	2014-15	2015-16	2016-17	2017-18	2018-19

इक्विटी पर रिटर्न	5261.27	5470.84	5529.42	5529.42	5529.42
ऋण पर ब्याज	1954.27	1826.25	1622.24	1406.42	1218.20
हास	4486.79	4665.50	4715.47	4715.47	4715.47
कार्यशील पूंजी पर ब्याज	383.21	396.76	402.63	406.25	411.09
संचालन और रख रखाव व्यय	2060.86	2197.70	2343.63	2499.25	2665.20
एएफसी	<b>14146.40</b>	<b>14557.06</b>	<b>14613.38</b>	<b>14556.81</b>	<b>14539.37</b>

8. 2014 से 2019 की अवधि के शुल्क की तस्दीक के लिए वर्तमान याचिका सीईआरसी (शुल्क नियम और शर्तें) विनियम 2014 के नियम 8,14 और 25 के तहत दाखिल की जा रही है। यहां नियम 8,14 और 25 के संबंधित अंश उपलब्ध कराए जा रहे हैं :

**“8.तस्दीक**

(1) तस्दीक के समय सतर्कता जांच के बाद आयोग द्वारा स्वीकृत 31 मार्च 2019 तक किए गए अतिरिक्त पूंजी व्यय सहित कुल पूंजी व्यय के संदर्भ में तस्दीक प्रक्रिया अगले वर्ष के लिए दाखिल शुल्क आवेदन के साथ पूरी की जाएगी।

परंतु, उपबंधित है कि उत्पादन कम्पनी या लाइसेंस प्राप्त वितरण कम्पनी को, जो भी हो, वित्त वर्ष 2016-17 में अतिरिक्त पूंजी व्यय सहित कुल पूंजी व्यय की अंतरिम तस्दीक के लिए आवेदन करना होगा।

(2) उत्पादन केंद्र शुल्क की तस्दीक निम्नलिखित मानकों के प्रदर्शन के आधार पर करेगा :

क)नियंत्रण योग्य मानक :

i) स्टेशन हीट रेट

ii) द्वितियक ईंधन तेल खपत ;

iii) सहायक ऊर्जा खपत; और

iv)ऋण का पुनः वित्त पोषण

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(8) उत्पादन कम्पनी या लाइसेंस प्राप्त पारेषण, जो भी स्थिति हो, इन नियमों के नियम 25 की धारा 3 के अनुरूप इक्विटी पर कुल रिटर्न दर की तस्दीक करेंगे।

.....”

**“ 14. अतिरिक्त पूंजीकरण और गैर-पूंजीकरण :**

1. नई परियोजना या मौजूदा परियोजना के संदर्भ में किया गया पूंजी व्यय या अनुमानित पूंजी व्यय, निम्नलिखित स्थितियों में कार्य के मूल दायरे में वाणिज्यिक संचालन शुरू होने की तिथि के बाद और निर्धारित अंतिम तिथि तक, सतर्क जांच के बाद, आयोग द्वारा मान्य होगा :

- (i) आगामी तिथि पर भुगतान की जाने वाली गैर निष्पादित देयताएं ;
- (ii) विलम्ब से निष्पादित किए जाने वाले कार्य;
- (iii) नियम 13 के प्रावधानों के अनुरूप कार्य के मूल दायरे में आरंभिक पूंजीगत सामग्री की खरीद;
- (iv) मध्यस्थता या आदेश के अनुपालन के लिए या अदालती आदेश के अनुपालन के लिए आवश्यक देयताएं ; और
- (v) नियम या किसी मौजूदा नियम के अनुपालन में बदलाव;

परंतु यह उपबंधित है कि कार्य के मूल दायरे में शामिल परिसम्पत्ति वार/कार्य वार कार्यों का ब्यौरा व्यय अनुमानों, किसी अगली तिथि पर भुगतान की जाने वाली देयताएं और विलम्ब से निष्पादित किए जाने वाले कार्यों का ब्यौरा शुल्क निर्धारण के आवेदन के साथ सौंपा जाना चाहिए।

2. ....

3. वर्तमान उत्पादन केंद्र या संचार प्रणाली सहित पारेषण प्रणाली के संदर्भ में किया गया या किया जाने वाला पूंजी व्यय निर्धारित तिथि के बाद, निम्नलिखित स्थितियों में, सतर्क जांच के आधार पर आयोग द्वारा स्वीकार्य होगा :

- i. मध्यस्थता या आदेश के अनुपालन के लिए या अदालती आदेश के अनुपालन के लिए आवश्यक देयताएं ;
- ii. नियम या किसी मौजूदा नियम के अनुपालन में बदलाव ;
- iii. राष्ट्रीय सुरक्षा/आंतरिक सुरक्षा के लिए उत्तरदायी वैधानिक प्राधिकरणों की समुचित सरकारी एजेंसियों द्वारा निर्देशित या अनुशंसा अनुरूप संयंत्र की अधिक सुरक्षा और संरक्षा की जरूरत पर किया गया व्यय ;
- iv. ....
- v. निर्धारित तिथि से पूर्व सम्पन्न कार्यों के प्रति कोई शेष देयता, ऐसे गैर-निष्पादित देयताओं के ब्यौरे की सतर्क जांच के बाद पैकेज की कुल अनुमानित लागत, भुगतान रोकने और भुगतान जारी करने के कारण इत्यादि ;
- vi. निर्धारित तिथि के बाद आयोग द्वारा स्वीकृत कार्यों के प्रति कोई देयता, वास्तविक भुगतान द्वारा इन देयताओं को निष्पादित किए जाने की सीमा तक ;
- vii. ....
- viii. किसी भी बीमा कम्पनी से प्रक्रिया समायोजित किए जाने के बाद **पनबिजली उत्पादन केंद्रों के मामले में कोई भी ऐसा व्यय, जो प्राकृतिक आपदाओं में (लेकिन उत्पादन कम्पनी की लापरवाही के कारण बिजली घर में पानी भर जाने के कारण हुए नुकसान में नहीं) और भूगर्भीय कारणों से हुए नुकसान के कारण अनिवार्य हो गया हो** ;
- ix. ....
- x. ....

परंतु, उपबंधित है कि निर्धारित तिथि यानी 01 अप्रैल 2014 के बाद उपकरण और औजार, फर्नीचर, एयर कंडीशनर्स, वोल्टेज स्टैबिलाइजर, रेफ्रिजरेटर, कूलर, कम्प्यूटर, पंखे, वाशिंग मशीन, हीट कन्वेक्टर, गद्दे, कार्पेट आदि जैसी वस्तुएं या परिसम्पत्तियां हासिल करने में हुआ पूंजीगत व्यय शुल्क निर्धारण के लिए अतिरिक्त पूंजीकरण के रूप में विचारणीय नहीं होगा :

.....  
..."

#### **"25. इक्विटी पर रिटर्न पर कर:**

(3) बिजली उत्पादन कम्पनी या लाइसेंस प्राप्त पारेषण कम्पनी, जो भी स्थिति हो, प्रत्येक वित्तीय वर्ष के अंत में इक्विटी पर कुल रिटर्न दर की तस्दीक करेंगे। यह तस्दीक, वास्तविक कर भुगतान के साथ साथ किसी अतिरिक्त कर मांग, इस पर ब्याज सहित कर वापसी के लिए समय से समायोजित, शुल्क अवधि 2014-15 से 2018-19 के लिए आय कर प्राधिकरण से किसी वित्तीय वर्ष की कुल वास्तविक आय पर प्राप्त ब्याज सहित, होगी। हालांकि उत्पादन कम्पनी या पारेषण कम्पनी कर जमा करने या कर राशि के अधूरे भुगतान की स्थिति में लगाए गए जुर्माने का दावा नहीं कर सकेंगी। तस्दीक के बाद इक्विटी पर रिटर्न की, वर्ष दर वर्ष आधार पर, कुल दर से कम वसूली या अधिक वसूली लाभार्थियों या दीर्घावधि पारेषण ग्राहकों/डीआईसी से, जैसी भी स्थिति हो, वापस ली जाएगी या लौटा दी जाएगी।

9. माननीय आयोग ने स्वतः संज्ञान आदेश संख्या 03/SM/2017 दिनांक 08.03.2017 के द्वारा सीईआरसी शुल्क नियम 2014 के नियम 8(1) के तहत शुल्क की अंतरिम तस्दीक के प्रावधान की समीक्षा की है। इस आदेश का पैरा 4 नीचे दिया गया है :

"उत्पादन कम्पनियों और लाइसेंस प्राप्त पारेषण कम्पनियों के लिए शुल्क विनियम 2014 के नियम 8 की धारा (1) के प्रावधान के अनुरूप अंतरिम तस्दीक के लिए आवेदन देना अनिवार्य नहीं होगा। उत्पादन कम्पनी या पारेषण कम्पनी शुल्क अवधि के अंत में तस्दीक के लिए आवेदन करेंगी। केवल उन मामलों में, जहां विचलन स्वीकृत वार्षिक तय शुल्क के 30 प्रतिशत से अधिक है, उत्पादन कम्पनी या पारेषण कम्पनी अंतरिम तस्दीक के लिए आयोग को आवेदन कर सकती है।"

10. चुटक कम्पनी के संदर्भ में, वार्षिक तय शुल्क में विचलन 2014-15 और 2015-16 के दौरान 30 प्रतिशत से कम था। इसीलिए आवेदक ने 2016-17 के दौरान अंतरिम तस्दीक के लिए माननीय आयोग को आवेदन नहीं किया।

11. इसे देखते हुए, मौजूदा आवेदन निम्नलिखित कारणों के आधार पर दर्ज किया गया है:

1. सीईआरसी द्वारा 19.04.2017 के आदेश के तहत स्वीकृत अतिरिक्त पूंजी व्यय और 2014-19 के दौरान चुटक कम्पनी द्वारा किए गए वास्तविक अतिरिक्त पूंजी व्यय में विचलन है। इसके अलावा सीईआरसी द्वारा स्वीकृत अतिरिक्त पूंजी व्यय का कुछ हिस्सा खर्च नहीं किया गया/खर्च नहीं किया जाएगा और इसीलिए आवेदन में इसे सरंडर किया जा रहा है।



2. कुछ ऐसे अतिरिक्त पूंजीगत व्यय हैं, जो पहले अनुमानित नहीं थे, हालांकि स्थल संबंधी विशेष आवश्यकताओं के कारण बिजली केंद्र को यह व्यय करने पड़े, जो संयंत्र के कुशल और सफल संचालन के लिए आवश्यक हैं। इस अतिरिक्त पूंजी लगाए जाने को शुल्क निर्धारण के उद्देश्य से पूंजीगत आधार का हिस्सा माना जाना चाहिए।

3. सीईआरसी शुल्क विनियम 2014 के नियम 25(3) की तर्ज पर एनएचपीसी के लिए 2014-19 की अवधि के लिए लागू प्रभावी कर दर के आधार पर इक्विटी रिटर्न की कुल दर की तस्दीक करना।

4. सीईआरसी शुल्क विनियम 2014 के नियम 8(2)(क)(iii) के अनुरूप 2014-19 की अवधि के लिए वास्तविक सहायक ऊर्जा उपभोग के आधार पर उत्पादन केंद्र के शुल्क की तस्दीक करना।

5. सीईआरसी शुल्क विनियम 2014 के नियम 8(2)(क)(iv) के अनुरूप ऋण के पुनर्वित्त के आधार पर उत्पादन केंद्र के शुल्क की तस्दीक करना।

12. शुल्क के लिए दावा की जाने वाली शुद्ध अतिरिक्त पूंजी का ब्यौरा 2014-19 की अवधि के वास्तविक पूंजी व्यय से निकाला गया है :

(रुपये लाख में)

क्र सं	विवरण	14-15	15-16	16-17	17-18	18-19
क	वर्ष/अवधि के दौरान अतिरिक्त व्यय	971.97	1289.53	938.13	424.31	462.75
ख	घटाएं: वर्ष/अवधि के दौरान पूंजी निकाला जाना	3.21	108.48	0.00	1.28	0.00
ग	जोड़ें: वर्ष/अवधि के दौरान डिस्चार्ज	1270.71	454.76	97.46	95.53	61.21
घ	<b>निवल जोड़ (क-ख+ग)</b>	<b>2239.47</b>	<b>1635.81</b>	<b>1035.59</b>	<b>518.56</b>	<b>523.96</b>

13. माननीय आयोग से दिनांक 29.03.2017/ 19.04.2017 के आदेश द्वारा स्वीकृत मूल दायरे के अंदर निर्धारित तिथि तक (31.03.2016 तक), लगाई गई अतिरिक्त पूंजी आवेदक द्वारा 31.03.2016 तक व्यय नहीं की जा सकी इसके प्रमुख कारण नीचे दिए जा रहे हैं :

1. चुटक केंद्र लगभग 2050 मीटर की अत्यधिक ऊंचाई पर अवस्थित है, यहां वर्ष में लगभग 6 महीने के लिए नवम्बर से अप्रैल तक तापमान शून्य से नीचे रहता है। सर्दियों में न्यूनतम तापमान शून्य से 25 डिग्री सेल्सियस नीचे आ जाता है।
2. अत्यधिक ठंड और भारी बर्फबारी के कारण करगिल को शेष भारत से जोड़ने वाला राष्ट्रीय राजमार्ग लगभग छह महीने के लिए नवम्बर से अप्रैल तक बंद रहता है और इसलिए चुटक में काम करने का समय केवल 6 महीने रहता है।
3. बिजली केंद्र से संबंधित कार्यों के लिए चुटक क्षेत्र में कुशल ठेकेदार/श्रमिकों की कमी है। इसलिए देश के अन्य भागों से कुशल श्रमिक लाए जाने की जरूरत पड़ती है। ये

श्रमिक सर्दियां शुरू होने और सड़कें बंद होने से पहले कार्यस्थल से चले जाते हैं। इस वजह से वर्ष में केवल चार से पांच महीने ही प्रभावी कामकाज हो पाता है।

4. यह उल्लेख भी आवश्यक है कि सर्दियों में नवम्बर से अप्रैल तक अत्यधिक ठंड के कारण सिविल/सीमेंट कार्य नहीं हो पाता।

ऊपर दिए गए कारणों से बिजली केंद्र माननीय आयोग से स्वीकृत विशेष कार्यों को निर्धारित तिथि तक, अपने भरसक प्रयासों के बावजूद पूरा नहीं कर पाता। शेष कार्य/आपूर्ति कार्य जारी हैं और इसके 31.03.2024 तक पूरा होने की आशा है। इसके अनुसार माननीय आयोग से अनुरोध किया गया है कि इस अतिरिक्त पूंजी के लिए स्वीकृति दी जाए, जो निर्धारित तिथि तक के लिए मंजूर की जा चुकी है, लेकिन निर्धारित तिथि 31.03.2019 के बाद लगाई गई है और इसके बाद शुल्क अवधि 2019-24 के दौरान 31.03.2024 तक लगाई जाएगी। इस अतिरिक्त पूंजी के लिए सीईआरसी शुल्क विनियम 2014 और 2019 के नियम 14(2) और 25(1) के तहत दावा किया गया है।

14. अतिरिक्त पूंजी लगाए जाने की कुछ अन्य स्थितियां हैं, जिनके लिए पहले आवेदन संख्या 252/जीटी/2014 में दावा नहीं किया गया था और जो उत्पादन केंद्र के कुशल और सफल संचालन के लिए आवश्यक बन गई हैं। यह कार्य बिजली केंद्र की स्थल आवश्यकताओं के अनुरूप शुरू किए गए और यह पूंजी 2014-19 की अवधि के लिए बही-खातों में दिखलायी गयी। ऐसी अतिरिक्त पूंजी के लिए फार्म 9(क) में ब्यौरे वार औचित्य के साथ दावा किया गया है। माननीय आयोग से अनुरोध है कि उत्पादन केंद्र के शुल्क निर्धारण के लिए ऐसी अतिरिक्त पूंजी को अनुमति प्रदान की जाए।

15. केंद्रीय मंत्रिमंडल ने प्रधानमंत्री की अध्यक्षता में 16.01.2019 को हुई बैठक में एनएचपीसी लिमिटेड के बोर्ड स्तर से नीचे के कार्यकारियों के वेतनमान के 01.01.97 से नियमितीकरण को मंजूरी दी। बिजली मंत्रालय ने पत्र सं एफ2/1/2014-एचआई(पीटी) दिनांक 29.01.2019 (अनुलग्नक 4) द्वारा 01.01.1997 से बोर्ड स्तर से नीचे के कार्यकारियों के वेतनमान को नियमित किए जाने की सरकार की स्वीकृति का अनुमोदन किया और आवेदक को सरकारी निर्णय को लागू करने का निर्देश दिया गया। सरकारी निर्देश के अनुरूप बोर्ड स्तर के नीचे के कार्यकारियों के वेतनमान की समीक्षा की जानी थी और इसे 01.01.2007 से पुनः निर्धारित किया जाना था। इसके बाद आवेदनकर्ता ने कार्यालय आदेश संख्या 16/2019 दिनांक 19.03.2019 (अनुलग्नक 5) के अनुसार 01.01.2007 से बोर्ड स्तर से नीचे के कार्यकारियों के वेतन का पुनः निर्धारण किया है। यह निर्धारण कर्मचारियों द्वारा 01.01.1997 से 31.12.2006 तक के वेतनमान में लिए गए वास्तविक वेतन के आधार पर किया गया है। इसकी वजह से बोर्ड स्तर से नीचे के कार्यकारियों को 01.01.2007 से एरियर दिया गया और इसे वित्त वर्ष 2018-19 के दौरान इसका भुगतान किया गया।

कर्मचारियों को दिए गए कुल एरियर की राशि लेखांकन नीति के आधार पर निर्माणाधीन परियोजनाओं, कार्यरत बिजली केंद्रों और परियोजनाओं, जो 01.01.2007 से 31.03.2019 (आईईडीसी द्वारा पूंजीकृत) तक की अवधि में निर्माणाधीन थीं, के योजना व्यय में आवंटित की गई हैं। संचालित बिजली केंद्रों को आवंटित राशि की वसूली के लिए एक अलग आवेदन

याचिकाकर्ता द्वारा दिया गया है। चूंकि चुटक 01.02.2013 तक निर्माणाधीन था, एरियर राशि का कुछ हिस्सा (2.37 करोड़) परियोजना के आईईडीसी के माध्यम से लगाया गया और वित्त वर्ष 2018-19 के दौरान प्रमुख आस्तियों में पूंजीकृत किया गया। इसके अनुसार माननीय आयोग से कर्मचारियों के वेतन नियमितीकरण के लिए वित्त वर्ष 2018-19 के दौरान 2.37 करोड़ रुपये की अतिरिक्त पूंजी का अनुरोध किया गया।

16. छोटी आस्तियों, यंत्र और उपकरणों, फर्नीचर, कम्प्यूटर जैसी वस्तुओं को शुल्क निर्धारित करने जैसे उद्देश्यों से पूंजीकृत नहीं किया जा सकता, क्योंकि सीईआरसी शुल्क विनियम 2014 के नियम 14(3)(x) के अनुसार इन्हें अलग किए जाने की श्रेणी (फार्म 9डी) में रखा गया है। इन वस्तुओं को फार्म 9बी(i) में भी अलग किए जाने की श्रेणी में रखा गया है, क्योंकि सीईआरसी द्वारा शुल्क निर्धारण के उद्देश्य से इन्हें शामिल नहीं किया जाना है। यह मानीय आयोग के आदेश 228/जीटी/2014, दिनांक 18.09.2015 के पैरा 23 और 24 में दिए गए फैसले के भी अनुरूप है। माननीय आयोग से शुल्क के उद्देश्य से इन प्रविष्टियों को नजरअंदाज करने का अनुरोध किया गया है।

17. उपरोक्त तथ्यों पर विचार करते हुए सीईआरसी के दिनांक 19.04.2017 के आदेश द्वारा अनुमति प्राप्त अतिरिक्त पूंजीकरण और आवेदन में 2014-19 के लिए निवल वास्तविक अतिरिक्त पूंजीकरण का संक्षिप्त ब्यौरा इस प्रकार है :

(रुपये लाख में)

वर्ष	2014-15	2015-16	2016-17	2017-18	2018-19
दिनांक 19.04.2017 के आदेश से अनुमति प्राप्त अतिरिक्त पूंजीकरण	5132.71	1991.71	0.00	0.00	0.00
इस आवेदन में निवल वास्तविक अतिरिक्त पूंजीकरण	2239.47	1635.81	1035.59	518.56	523.96

18. **पूंजी लागत:**

उपरोक्त अतिरिक्त पूंजीकरण पर विचार करते हुए और दिनांक 19.04.2017 के शुल्क आदेश में सीईआरसी द्वारा दिए गए 86865.46 लाख रुपये (01.04.2014 के अनुसार) की आरंभिक पूंजी लागत को देखते हुए शुल्क की गणना के लिए वर्ष वार पूंजी लागत इस प्रकार है :

(रुपये लाख में)

विवरण	2014-15	2015-16	2016-17	2017-18	2018-19
आरंभिक पूंजी लागत	86865.46	89104.93	90740.74	91776.33	92294.89
वर्ष के दौरान निवल अतिरिक्त पूंजी लागत	2239.47	1635.81	1035.59	518.56	523.96
अंतिम पूंजी लागत	89104.93	90740.74	91776.33	92294.89	92818.85

19. **वार्षिक तय शुल्क की संगणना (एएफसी) :**

उपरोक्त पूंजी लागत के आधार पर शुल्क के विभिन्न अवयवों को संबंधित नियमों के तहत इसप्रकार निर्दिष्ट किया गया है :

**11. इक्विटी पर रिटर्न (आरओई):**

ए. चुटक बिजली केंद्र एक आरओआर (राइट्स ऑफ रिकार्ड्स) योजना है। इक्विटी पर रिटर्न की संगणना के लिए आधार दर शुल्क विनियम 2014 के नियम 24(2) के अनुसार 15.50 प्रतिशत रखी गई है

बी. इक्विटी पर रिटर्न की आधार दर सीईआरसी शुल्क विनियम 2014 के नियम 25(1) के अनुसार विभिन्न वर्षों (अनुलग्नक VI) में लागू 'प्रभावी कर दर' के साथ मिलाई गई है। इसका ब्यौरा अनुलग्नक -I के फार्म 1 (ii) में दर्शाया गया है।

**बी. हास:**

11. सीईआरसी शुल्क विनियम 2014 के अनुसार फॉर्म 11 में उल्लिखित वर्षवार व्यवहार्य हास दर इस प्रकार है :

अवधि	औसत हास दर
2014-15	5.017%
2015-16	5.016%
2016-17	5.018%
2017-18	5.019%
2018-19	5.015%

बी. फॉर्म 12 में हास की संगणना के लिए उपर्युक्त दरों पर विचार किया गया है

**सी ऋण पर ब्याज:**

11. फार्म 13ए में शुल्क अवधि के लिए ऋण पर ब्याज की गणना के लिए ली गई वास्तविक ऋण पोर्टफोलियो पर आधारित औसत ब्याज दर इस प्रकार है :

अवधि	औसत ब्याज दर
2014-15	3.593%
2015-16	3.522%
2016-17	3.487%
2017-18	2.913%
2018-19	2.857%

**बी. संचालन और रख रखाव व्यय :**

शुल्क अवधि 2014-19 के लिए माननीय आयोग द्वारा आदेश संख्या 252/जीटी/2014, दिनांक 19.04.2017 में स्वीकृत संचालन और रख रखाव व्यय पर विचार किया गया है।

आवेदनकर्ता ने चुटक बिजली केंद्र में 01.01.2016 से 31.03.2019 तक नियुक्त एनएचपीसी कर्मचारियों और जम्मू कश्मीर पुलिस के तैनाक कर्मियों के वेतन संशोधन के प्रभाव की वसूली के लिए अलग से आवेदन, संख्या 223/एमपी/2019 दिया है।

### ई. कार्यशील पूंजी पर ब्याज

सीईआरसी शुल्क विनियम 2014 के नियम 28(3) के अनुसार कार्यशील पूंजी पर व्यवहार्य ब्याज दर 13.50 प्रतिशत (01.04.2014 के एसबीआई आधार दर + 350 आधार अंक) है।

20. उपरोक्त पैरा 18 और पैरा 19 में उल्लिखित पूंजी लागत और पैमाने के आधार पर आवेदनकर्ता ने शुल्क अवधि 2014-19 के लिए संशोधित वार्षिक तय शुल्क (एएफसी) की संगणना की है। सीईआरसी द्वारा दिनांक 19.04.2017 के आदेश द्वारा स्वीकृत और याचिकाकर्ता द्वारा संगणित और इस आवेदन में उल्लिखित एएफसी का संक्षिप्त ब्यौरा इस प्रकार है :

(रुपये लाख में)

विवरण	2014-15	2015-16	2016-17	2017-18	2018-19
19.04.2017 के आदेश द्वारा स्वीकृत एएफपी	14146.40	14557.06	14613.38	14556.81	14539.37
<b>इस आवेदन में दावा किया गया एएफसी</b>					
ह्रास	4413.94	4510.72	4579.61	4619.25	4642.10
ऋण पर ब्याज	1936.55	1789.13	1645.64	1256.63	1110.40
इक्विटी पर रिटर्न	5229.22	5357.33	5393.93	5476.30	5528.98
कार्यशील पूंजी पर ब्याज	380.39	389.73	396.92	399.37	406.91
संचालन और रख रखाव व्यय	2060.86	2197.70	2343.63	2499.25	2665.20
<b>दावा किया गया एएफसी</b>	<b>14020.96</b>	<b>14244.62</b>	<b>14359.73</b>	<b>14250.80</b>	<b>14353.58</b>

इस आवेदन में दावा किए गए एएफसी और दिनांक 19.04.2017 के आदेश के तहत स्वीकृत एएफसी का अंतर सीईआरसी (शुल्क नियम और शर्तें) विनियम 2014 की धारा (11) (12) और (13) के प्रावधानों के अनुसार लाभार्थी से लिया या उसे लौटाया जा सकता है।

### 21. जीएसटी के प्रभाव की वसूली :

भारत सरकार ने जम्मू कश्मीर को छोड़ कर पूरे देश में 01.07.2017 से वस्तु और सेवा कर अधिनियम 2017 लागू कर दिया। यह अधिनियम जम्मू कश्मीर में 08.07.2017 से लागू किया गया है।-

भारत सरकार के बिजली मंत्रालय ने सीईआरसी को विद्युत अधिनियम 2003 के खंड 107 के तहत 27.08.2018 को निम्नांकित दिशा निर्देश जारी किया :

(ए) केंद्र सरकार, राज्य सरकार/केंद्र शासित प्रदेश या किसी भी सरकारी

तंत्र से प्रभावी घरेलू शुल्क, लेवी, उप-कर और कर, जिनसे लागत में परिवर्तन हुआ हो, उन्हें "नियम में परिवर्तन" माना जाएगा और पीपीए में जब तक अन्यथा उल्लेख न किया जाए, इसे स्वीकृत माना जाएगा।

(ई) नियम में ऐसे किसी परिवर्तन का प्रभाव नियम में बदलाव की तिथि से प्रभावी होगा।

माननीय आयोग ने दिनांक 14.03.2018 के आदेश (आवेदन सं 13/एसएम/2017) और 17.12.2018 के आदेश (आवेदन सं 01/एसएम/2018) में जीएसटी लागू किए जाने को 'नियम में बदलाव' माना है।

संयंत्रों (सेवारत) के संचालन और रख रखाव में चुकाया गया कर संबंधित बिजली केंद्रों के संचालन और रख रखाव व्यय में दिखाया जाता है। माननीय आयोग ने चुटक बिजली केंद्र के मामले में 2014-19 की अवधि के लिए संचालन और रख-रखाव व्यय मानक आधार पर तय किया था। बिजली मंत्रालय के निर्देशों के अनुसार जीएसटी लागू किया जाना 'नियम में बदलाव' माना जाएगा और इससे पड़ने वाला असर शुल्क में शामिल किया जाएगा।

इसके अनुसार हमने 26.04.2019 को सीईआरसी में आवेदन, संख्या 133/एमपी/2019 दाखिल की है और माननीय आयोग से जीएसटी के क्रियान्वयन को नियम में बदलाव मानने और अतिरिक्त व्यय की लाभार्थियों से वसूली की अनुमति देने का अनुरोध किया है।

हालांकि माननीय आयोग ने 2014-19 की अवधि के लिए आवेदन की तस्दीक के साथ साथ इस आवेदन पर दिनांक 22.08.2019 के आदेश द्वारा फैसला देते हुए आवेदनकर्ता को जीएसटी अधिनियम 2017 लागू किए जाने के कारण संचालन और रखरखाव व्यय पर अतिरिक्त कर की वापसी का दावा करने की मंजूरी दी है।

वित्त वर्ष 2017-18 (01.07.2017 से 31.03.2018) और वित्त वर्ष 2018-19 के दौरान चुटक के संदर्भ में सांविधिक लेखाकार (अनुलग्नक VII) द्वारा प्रमाणित जीएसटी का अतिरिक्त असर नीचे दर्शाया गया है :

संचालन और रख रखाव व्यय पर जीएसटी का अतिरिक्त असर (रुपये में)			
2017-18	2018-19 (01.04.18 to 31.12.18)	2018-19 (01.01.19 to 31.03.19)	कुल
6635853	6505820	4290046	17431719

सीईआरसी शुल्क विनियम, 2014 में जीएसटी लागू किए जाने के कारण अतिरिक्त कर भार की वसूली का अलग से प्रावधान नहीं है। हालांकि उल्लिखित नियम के प्रावधानों को लागू करने में यदि कोई कठिनाई हो, तो माननीय आयोग को सीईआरसी शुल्क विनियम, 2014 के नियम 55 के प्रावधानों के तहत उसे दूर करने की शक्तियां प्रदान की गई हैं। नियम 54 के तहत भी बदलाव का अधिकार दिया गया है।

इसके अनुसार आवेदनकर्ता माननीय आयोग से चुटक बिजली केंद्र के संदर्भ में सीईआरसी शुल्क विनियम 2014 के नियम 54 और 55 के तहत प्रदत्त शक्तियों का उपयोग करते हुए नियम 29(3) के प्रावधानों को लचीला कर प्रतिवादी से जीएसटी लागू किए जाने के कारण अतिरिक्त कर भुगतान की वसूली की अनुमति का विनम्र अनुरोध करता है।

22. एनएचपीसी के कार्यरत बिजली केंद्रों के संदर्भ में अप्रैल माह में शुल्क भुगतान फीस सीईआरसी (शुल्क भुगतान) विनियम, 2012 के अनुसार नियमित रूप से वर्ष दर वर्ष आधार पर सीईआरसी को जमा कराई जा रही है। इस प्रकार दी गई फीस सीईआरसी शुल्क विनियम 2014 के नियम 52(1) के अनुसार प्रतिवादियों से वसूली योग्य है। वर्ष 2014-19 के दौरान चुटक बिजली केंद्र के संदर्भ में चुकाई गई शुल्क भुगतान फीस का ब्यौरा इस प्रकार है :

वर्ष	राशि (रुपये में)	यूटीआर सं.
2014-15	193600	SBIN814118286623
वर्ष	राशि (रुपये में)	यूटीआर सं.
2015-16	193600	SBIN215117557414
2016-17	193600	SBIN316119888147
2017-18	193600	SBIN317115658067
2018-19	193600	SBIN718116392141
<b>कुल</b>	<b>968000</b>	

उपरोक्त शुल्क जमा फीस का ब्यौरा अनुलग्नक - XIII में दिया गया है। इसलिए आवेदनकर्ता द्वारा इस आवेदन के साथ भुगतान फीस अलग से नहीं दी जा रही है।

23. उपरोक्त शुल्क किसी भी प्रकार के कर, लेवी, शुल्क, उप-कर, प्रभार या अन्य किसी प्रकार के शुल्क, जो किसी सरकारी (केंद्र/राज्य) और /या किसी अन्य स्थानीय निकाय/प्राधिकरण/नियामक अधिकरण द्वारा किसी अधिनियम या नियम के तहत बिजली उत्पादन या सहायक उपभोग के संदर्भ में, पानी, विद्युत पारेषण, पर्यावरणीय संरक्षण, बिक्री या बिजली/ऊर्जाआपूर्ति सहित और/या बिजली उत्पादन केंद्र से जुड़े किसी प्रतिष्ठान के संदर्भ में और/या पारेषण प्रणाली पर लगाए गए कर के अतिरिक्त है।

24. एनएचपीसी द्वारा संबंधित प्राधिकरणों को इस प्रकार के कर/शुल्क/उप-कर/लेवी/प्रभार इत्यादि किसी भी माह में भुगतान योग्य राशि प्रतिवादी द्वारा वहन की जाएगी और अलग से आवेदनकर्ता को भुगतान की जाएगी।

25. यह शुल्क प्रस्ताव साझेदारी के तहत पीजीसीआईएल, पीओएसओसीओ/एनएलडीसी को भुगतान किया जाने वाला पारेषण/संचार/यूएलडीसी प्रभार और सीईआरसी (आरएलडीसी और अन्य संबंधित मामलों के शुल्क और प्रभार) विनियम, 2009 के तहत आरएलडीसी शुल्क और प्रभार के अतिरिक्त है। ये प्रभार, व्यवहार्य होने पर, सीईआरसी शुल्क विनियम 2014 के नियम 41 42 और 52(2)(क) के अनुसार सीधे लाभार्थी से वसूले जाएंगे।

26. नियम 8(2)(क)(iii) के अनुसार बिजली उत्पादन केंद्र सहायक ऊर्जा उपभोग (एयूएक्स) और ऋण पुनर्वित्त के मानकों के आधार पर शुल्क की तस्दीक करेगा

**11. 2014-19 के लिए वास्तविक सहायक ऊर्जा उपभोग पर आधारित शुल्क की तस्दीक :**

वास्तविक ऊर्जा उपभोग के मानक सहायक ऊर्जा उपभोग से कम होने की स्थिति में वित्तीय लाभ सीईआरसी शुल्क विनियम 2014 के नियम 8(6) और बाद के संशोधनों के अनुसार 60:40 के अनुपात में उत्पादन केंद्र और लाभार्थियों के बीच साझा किया जाएगा। 2014-19 की अवधि के लिए वास्तविक सहायक ऊर्जा उपभोग संक्षेप में नीचे दिया गया है :

मानक	2014-15	2015-16	2016-17	2017-18	2018-19
मानक अतिरिक्त उपभोग	5%	5%	5%	5%	5%
वास्तविक अतिरिक्त उपभोग	5.1%	6.4%	5.9%	5.5%	5.8%

बिक्री योग्य डिजाइन ऊर्जा (एमयू)	175.99	175.99	175.99	175.99	175.99
बिक्री योग्य निर्धारित ऊर्जा (एमयू)	158.76	118.26	175.99	175.99	168.41

वास्तविक अतिरिक्त उपभोग के संदर्भ में 2014-19 की शुल्क अवधि के वर्षों के लिए वार्षिक ऊर्जा बिल संदर्भ के लिए अनुलग्न - VIII में दिए गए हैं। माननीय आयोग ने दिनांक 29 मार्च 2017 के आदेश के पैरा 44 में चुटक के संदर्भ में नियामक प्रावधानों को विशेष मामले के रूप में लचीला बनाते हुए 5 प्रतिशत तक के मानक अतिरिक्त उपभोग की अनुमति दी है। वित्त वर्ष 2014-15 से वित्त वर्ष 2018-19 तक वास्तविक अतिरिक्त उपभोग 5 प्रतिशत से अधिक था, इसलिए इस अवधि के दौरान आयोग द्वारा प्रदत्त छूट के आधार पर कोई निवल लाभ नहीं हुआ। इस प्रकार अतिरिक्त उपभोग पर शुद्ध लाभ शून्य रहा।

#### 11. ऋण के पुनर्वित्त के आधार पर शुल्क की तस्दीक:

नियम 8(2)(ए) (iv) के अनुसार उत्पादन केंद्र ऋण के पुनर्वित्त के आधार पर शुल्क की तस्दीक करेगा। ऋण का पुनर्वित्त वित्त वर्ष 2017-18 से किया गया, जिससे चुटक के मामले में औसत ब्याज दरों और निवल बचत में कमी आई। ऋण के पुनर्वित्त पर 100 प्रतिशत लाभ एएफसी के जरिए लाभार्थी को मिल रहा है, सीईआरसी शुल्क विनियम 2014 के नियम 26(7) के अनुसार प्रतिवादी से लाभ और पुनर्वित्त लागत के 1/3 हिस्से की वसूली का प्रस्ताव निम्नांकित ब्यौरे के अनुसार किया गया है :

	राशि (रुपये में)				
मानक	2014-15	2015-16	2016-17	2017-18	2018-19
औसत ब्याज दर, यदि ऋण का पुनर्वित्त नहीं किया जाता	3.593%	3.522%	3.487%	2.933%	2.864%
पुनर्वित्त के बाद औसत ब्याज दर	3.593%	3.522%	3.487%	2.913%	2.857%
औसत ब्याज दर में बचत	0.00%	0.00%	0.00%	0.020%	0.007%
पुनर्वित्त के कारण ब्याज में बचत	0.00	0.00	0.00	8.47	2.66
लाभ का 1/3 हिस्सा लाभार्थी से वसूली योग्य				2.82	0.89
पुनर्वित्त लागत लाभार्थी से वसूली योग्य				33.35	0.02

ऋण के पुनर्वित्त पर लाभ की संगणना का ब्यौरा अनुलग्नक ix में दिया गया है। ऋण के पुनर्वित्त (1/3 भाग) पर लाभ और 37.07 लाख रुपये तक पुनर्वित्त लागत सीईआरसी शुल्क विनियम 2014 के नियम 26(7) के अनुसार लाभार्थी से वसूले जाने की अनुमति है।

#### **भाग-बी : 2019-24 की अवधि के लिए शुल्क आवेदन**

1. सीईआरसी शुल्क विनियम 2019 के नियम 9(2), 10(1) और 12 के अनुसार आवेदक को 2019-24 की अवधि के लिए शुल्क आवेदन और 2014-19 की अवधि के लिए तस्दीक



आवेदन सौंपना है। सीईआरसी शुल्क विनियम 2019 के नियम (2) और 12 के संबंधित अंश यहां दिए गए हैं :

#### **“9 शुल्क निर्धारण के लिए आवेदन**

.....  
(2) वर्तमान उत्पादन या इसकी इकाई या पारेषण प्रणाली या इसके घटक के मामले में आवेदन पहले से स्वीकृत अतिरिक्त पूंजी व्यय सहित 31.03.2019 तक की स्वीकृत पूंजी लागत (या तो वास्तविक या अनुमानित अतिरिक्त पूंजी व्यय पर आधारित) और सीईआरसी (शुल्क, शर्त और नियम) विनियम, 2014 के अनुसार 2019-24 की शुल्क अवधि के वर्षों के लिए अनुमानित अतिरिक्त पूंजी व्यय के आधार पर उत्पादन कम्पनी या और ट्रांसमिशन लाइसेंस धारक या जैसी भी स्थिति हो, द्वारा 31.10.2019 तक दिया जाना है।

#### **“12 2014-19 की अवधि के लिए शुल्क की तस्दीक**

2014-19 की अवधि के लिए बिजली उत्पादन केंद्रों और पारेषण प्रणालियों के शुल्क तस्दीक 2019-24 की अवधि के लिए शुल्क आवेदन के साथ केंद्रीय बिजली नियामक आयोग (शुल्क नियम और शर्त) विनियम 2014 के नियम 8 के प्रावधानों के अनुसार किया जाएगा। तस्दीक के आधार पर 31.03.2019 को स्वीकृत पूंजी लागत, 2019 से 24 की अवधि के शुल्क निर्धारण के लिए 01.04.2019 की आरंभिक पूंजी लागत का आधार बनेगा।”

सीईआरसी शुल्क विनियम 2019 के नियम 10(1) के अनुसार आवेदनकर्ता को 2019-24 की अवधि के लिए अनुमानित अतिरिक्त पूंजी व्यय के साथ संबंधित फार्म (शुल्क नियम के साथ अनुलग्नक - I (भाग- II) के साथ संलग्न) के अनुसार आवेदन देना है।

2. 2014-19 की अवधि के लिए शुल्क की तस्दीक, संबंधित शुल्क फार्म और अनुलग्नक के साथ इस आवेदन में भाग-ए के तहत संलग्न हैं।

3. चूंकि परियोजना की निर्धारित तिथि पहले ही समाप्त हो चुकी है, 2019-24 की अवधि के लिए अनुमानित अतिरिक्त पूंजी का दावा सीईआरसी शुल्क विनियम 2019 के नियम 25 और 26 के प्रावधानों के तहत किया जा रहा है। यह इस प्रकार है :

#### **“25. निर्धारित तिथि के बाद मूल रूपरेखा में अतिरिक्त पूंजीकरण :**

(1) किसी मौजूदा परियोजना या किसी नई परियोजना के संदर्भ में लगाया गया अनुमानित अतिरिक्त पूंजी व्यय या काम के मूल दायरे में और निर्धारित तिथि के बाद आयोग द्वारा समुचित जांच के आधार पर स्वीकार्य होगा :

.....  
(2) निर्धारित तिथि के बाद मौजूदा परियोजना के मूल दायरे के तहत आस्तियों को बदलने के मामले में, अतिरिक्त पूंजी आयोग द्वारा स्वीकार्य हो सकती है, कुल अचल आस्तियों और हास में आवश्यक समायोजन के बाद अतिरिक्त पूंजीकरण आयोग द्वारा निम्नलिखित आधारों पर स्वीकार्य होगा :

11. आस्तियों की उपयोगी अवधि परियोजना की उपयोगी अवधि के आनुपातिक नहीं हो, और ऐसी आस्तियों का इन नियमों के प्रावधानों के अनुसार पूरी तरह हास हो चुका हो;  
बी. आस्तियों या उपकरणों में बदलाव जब नियमों में बदलाव या आकस्मिक अनियंत्रित परिस्थितियों में अनुबंध से अलग हटने के कारण आवश्यक हो गया हो;  
सी. इन आस्तियों सा उपकरणों को बदला जाना प्रौद्योगिकी के अप्रचलित हो जाने के कारण आवश्यक हो गया हो;और  
डी. यदि आयोग ने इन आस्तियों या उपकरणों को बदले जाने की अनुमति दे दी हो।”

**“26. मूल दायरे से परे अतिरिक्त पूंजीकरण:**

1. मौजूदा उत्पादन केंद्र या संचार प्रणाली सहित पारेषण प्रणाली के संदर्भ में मूल दायरे से अलग हट कर निम्नलिखित कारणों से किया गया या किया जाने वाला अनुमानित पूंजीगत व्यय आयोग द्वारा समुचित जांच के आधार पर स्वीकार्य होगा:
11. मध्यस्थता या वैधानिक अधिकरण के आदेश या निर्देश, या किसी अदालत के निर्णय या आदेश के अनुपालन के लिए देयताएं;
- बी. नियम या किसी मौजूदा नियम के अनुपालन में बदलाव;
- सी. अनुबंध से अलग हटने की परिस्थितियों में;
- डी. भारत सरकार के समुचित तंत्र या राष्ट्रीय या आंतरिक सुरक्षा के लिए उत्तरदायी वैधानिक अधिकरणों के निर्देश या परामर्श के अनुसार संयंत्र की अधिक सुरक्षा की आवश्यकता;
4. अलग अलग स्थितियों में कार्य के मूल दायरे के अतिरिक्त राख निपटान प्रणाली से संबंधित बकाया कार्य:
- संचालन और रख रखाव व्यय के अंतर्गत यदि किसी व्यय का दावा जीर्णोद्धार और आधुनिकीकरण या मरम्मत और रख रखाव के तहत किया गया है, तो इस नियम के तहत इसका दावा फिर नहीं किया जा सकता।;
- एफ. ताप उत्पादन केंद्रों में मल जल उपचार संयंत्र से जल का उपयोग
2. उत्पादन कम्पनी या पारेषण कम्पनी, जैसी भी स्थिति हो, के मामले में गैर-पूंजीकरण की तिथि पर इन आस्तियों की वास्तविक लागत कुल अचल आस्ति के मूल्य से घटा दी जाएगी तथा पूंजीकरण के वर्ष को ध्यान में रखते हुए, कुल हास और ऋण के कुल पुनर्भुगतान से संबंधित समायोजन के बाद संबंधित ऋण और इक्विटी गैर-पूंजीकरण से संबंधित वर्ष में बकाया ऋण और इक्विटी से घटाई जाएगी।”

4. तस्दीक आवेदन (भाग-ए) के आधार पर 31.03.2019 तक 92818.85 लाख रुपये, 2019-24 की शुल्क अवधि के शुल्क की गणना के लिए 01.04.2019 को आरंभिक पूंजी के रूप में उपयोग किए गए।

5. आवेदन में विचारित 2019-24 की अवधि के लिए अनुमानित पूंजीगत व्यय का ब्यौरा अनुलग्नक- II के फार्म 9-ए में दिया गया है। इसे नीचे तालिका में दर्शाया गया है :

राशि (रुपये में)

क्र सं	विवरण	19-20	20-21	21-22	22-23	23-24
क	वर्ष/अवधि के दौरान योग	707.09	865.02	282.74	225.00	145.00
ख	घटाएं: वर्ष/अवधि के दौरान निकाली गई पूंजी	8.43	22.65	0.00	0.00	0.00
ग	जोड़ें: वर्ष/अवधि के दौरान अदायगी	221.36	211.89	1087.22	60.90	4.00
घ	<b>निवल योग (ए-बी+सी)</b>	<b>920.02</b>	<b>1054.26</b>	<b>1369.96</b>	<b>285.90</b>	<b>149.00</b>

6. माननीय आयोग ने दिनांक 29.03.2017/19.04.2017 के आदेश सं 252/जीटी/2014 द्वारा अनुमान के आधार पर अतिरिक्त पूंजी व्यय की अनुमति दी है। हालांकि आवेदनकर्ता के नियंत्रण के बाहर अपरिहार्य परिस्थितियों के कारण बिजली केंद्र इस स्थिति में नहीं था कि माननीय आयोग द्वारा 2014-19 के लिए स्वीकृत अतिरिक्त पूंजी व्यय कर सके। 2014-19 की अवधि के दौरान निर्धारित तिथि के भीतर यह अतिरिक्त पूंजीकरण नहीं कर पाने के विस्तृत कारणों का उल्लेख शुल्क आवेदन के पैरा-13 (संदर्भ भाग-ए) में किया गया है। वर्ष 2014-19 के दौरान माननीय आयोग से स्वीकृत और उत्पादन केंद्र के कुशल संचालन के लिए अनिवार्य रूप से आवश्यक इस प्रकार के अतिरिक्त पूंजी व्यय का दावा वर्ष 2019-24 के लिए किया गया है। माननीय आयोग से शुल्क अवधि 2019-24 के दौरान इस अतिरिक्त पूंजीकरण (2014-19 की अवधि से संबंधित) की स्वीकृति देने का अनुरोध किया गया है।

7. **पूंजी लागत :** उपरोक्त अनुमानित अतिरिक्त पूंजीकरण और 92818.85 लाख रुपये (01.04.2019 को) की आरंभिक पूंजी लागत पर विचार करते हुए शुल्क की गणना के लिए वर्ष वार पूंजी लागत इस प्रकार है:

राशि (रुपये में)

विवरण	2019-20	2020-21	2021-22	2022-23	2023-24
आरंभिक पूंजी लागत	92818.85	93738.87	94793.13	96163.09	96448.99
वर्ष के दौरान निवल अतिरिक्त पूंजी	920.02	1054.26	1369.96	285.90	149.00
<b>अंतिम पूंजी लागत</b>	<b>93738.87</b>	<b>94793.13</b>	<b>96163.09</b>	<b>96448.99</b>	<b>96597.99</b>

8. **वार्षिक तय शुल्क की संगणना (एएफसी):**

उपरोक्त पूंजी लागत के आधार पर शुल्क के विभिन्न अवयवों पर, संबंधित नियमों में निर्दिष्ट तरीके से विचार किया गया है :

11. **इक्विटी पर रिटर्न (आरओई):**

ए. चुटक बिजली केंद्र एक आरओआर योजना है, इक्विटी पर रिटर्न की गणना के लिए आधार दर, 31.03.2019 तक कुल पूंजी व्यय का 15.50 प्रतिशत रखा गया है। और अतिरिक्त पूंजी व्यय (नियम में परिवर्तन और मर्दों के बदलाव के कारण, माननीय आयोग से स्वीकृत और सीईआरसी शुल्क विनियम 2019 के नियम 25(2) के तहत दावा किए गए अतिरिक्त पूंजी को छोड़कर) के लिए संबंधित वर्षों में चुटक कम्पनी के लिए व्यवहार्य औसत ब्याज दर, शुल्क विनियम 2019 के नियम 30(2) के अनुसार।

बी. सीईआरसी शुल्क विनियम 2019 के नियम 31(1) के अनुसार बिंदु ए पर विचारित इक्विटी पर रिटर्न की आधार दर 01.04.2019 मौजूदा मैट दर के साथ जोड़ दी गई है, जिसकी तस्दीक प्रभावी कर दर के आधार पर की जाएगी

**बी. हास :**

2018-19 अवधि के लिए हास की 5.015 प्रतिशत की व्यवहार्य औसत दर पर 2019-24 की अवधि के लिए विचार किया गया है। फार्म 12 में हास की गणना के लिए इसे आधार बनाया गया है।

**सी. ऋण पर ब्याज :**

वास्तविक ऋण पोर्टफोलियो के आधार पर औसत ब्याज दर को सीईआरसी शुल्क विनियम 2019 के नियम 32 के अनुसार 2019-24 के दौरान ऋण पर ब्याज की गणना के लिए ध्यान में रखा गया है।

**डी. संचालन और रख रखाव व्यय:**

चुटक के लिए वर्ष 2019-24 की अवधि के लिए व्यवहार्य संचालन रख रखाव व्यय, बिजली केंद्र के पिछले वर्ष के वास्तविक संचालन और रख रखाव व्यय के आधार पर पहले ही माननीय आयोग द्वारा सीईआरसी (शुल्क नियम और शर्तें) विनियम 2019 के नियम 35(2) के तहत अधिसूचित किया गया है। सीईआरसी (शुल्क नियम और शर्तें) विनियम 2019 के नियम 35(2) के संबंधित अंश इस प्रकार पढ़े जाएं :

***“35संचालन और रख रखाव व्यय:***

*(2) पन बिजली उत्पादन केंद्र :*

*(ए).....*

*.....*

***टिप्पणी : न्यूनतम वेतन में संशोधन, वेतन संशोधन और जीएसटी का प्रभाव, यदि कोई हो तो, शुल्क निर्धारण के समय ध्यान में रखा जाएगा।***

*.....*

***(सी ) सुरक्षा व्यय और पन बिजली केंद्र के लिए कैपिटल स्पेयर्स की स्वीकृति समुचित जांच के बाद दी जाएगी:***

परंतु उपबंधित है कि उत्पादन केंद्र ने सुरक्षा संबंधी आवश्यकताओं और अनुमानित व्यय का आकलन और कैपिटल स्पेयर्स के वर्षवार उपयोग का ब्यौरा तस्दीक के समय समुचित औचित्य के साथ प्रस्तुत किया हो।”

वर्ष 2019-24 की अवधि के लिए संचालन और रख रखाव व्यय निर्धारित करते समय माननीय आयोग ने न्यूनतम वेतन में संशोधन, वेतन संशोधन और जीएसटी के प्रभाव को ध्यान में नहीं लिया था और यह उल्लेख किया गया था कि शुल्क निर्धारण के समय इस पर विचार किया जाएगा। इसीलिए स्वीकृत संचालन और रख रखाव व्यय (संदर्भ - फार्म 17 का अनुलग्नक) के दावे के साथ वेतन संशोधन और जीएसटी के असर का दावा इस प्रकार किया गया है :

राशि (रुपये में)

विवरण	2019-20	2020-21	2021-22	2022-23	2023-24
संचालन और रख-रखाव व्यय अनुमति	3536.67	3705.25	3881.86	4066.89	4260.74
वेतन संशोधन का असर	398.22	417.21	437.11	457.96	479.81
जीएसटी का असर	113.11	118.50	124.16	130.08	136.28
<b>संशोधित संचालन और रख रखाव व्यय</b>	<b>4047.99</b>	<b>4240.96</b>	<b>4443.13</b>	<b>4654.93</b>	<b>4876.83</b>

सीईआरसी शुल्क विनियम 2019 के नियम 35(2)(सी) के अनुसार पन बिजली उत्पादन केंद्रों के लिए सुरक्षा व्यय और कैपिटल स्पेयर्स की स्वीकृति अलग अलग दी जाएगी। इसके अनुसार बिजली केंद्र की सुरक्षा आवश्यकता के आधार पर 2019-24 की अवधि के लिए अनुमानित सुरक्षा व्यय इस प्रकार है :

राशि (रुपये में)

वर्ष	19-20	20-21	21-22	22-23	23-24
<b>अनुमानित सुरक्षा व्यय</b>	<b>386.58</b>	<b>405.02</b>	<b>424.34</b>	<b>444.58</b>	<b>465.78</b>

इसके अनुसार, माननीय आयोग से 2019-24 की अवधि के लिए उपरोक्त अनुमानित सुरक्षा व्यय का अनुरोध किया गया है। 2019-24 के दौरान कैपिटल स्पेयर्स के उपयोग पर व्यय का दावा शुल्क तस्दीक के समय किया जाएगा।

#### 4. कार्यशील पूंजी पर ब्याज

कार्यशील पूंजी पर ब्याज की गणना मानक आधार पर 01.04.2019 को बैंक दर (एमसीएलआर+ 350 बीपी) (8.55%+3.50%=12.05%) पर, सीईआरसी शुल्क विनियम 2019 के नियम 34(सी) के अनुसार की गई है।

9. चुटक कम्पनी के संदर्भ में 01.04.2019 से 31.03.2014 (संदर्भ अनुलग्नक II का फार्म 1) की अवधि के लिए वार्षिक तय शुल्क (एएफसी) की गणना केंद्रीय बिजली नियामक आयोग (शुल्क नियम और शर्तों) विनियम 2019 के आधार पर इस प्रकार है :

राशि (रुपये में)

एएफसी घटक	2019-20	2020-21	2021-22	2022-23	2023-24
हास	4678.31	4727.82	4788.61	4830.13	4841.04
ऋण पर ब्याज	1260.06	1108.81	964.93	817.86	631.63
इक्विटी पररिर्तन	5243.62	5276.28	5333.89	5378.69	5386.11
कार्यशील पूंजी पर ब्याज	359.50	367.43	376.46	385.39	393.16
संचालन और रख रखाव व्यय	4047.99	4240.96	4443.13	4654.93	4876.83
<b>एएफसी</b>	<b>15589.49</b>	<b>15721.30</b>	<b>15907.02</b>	<b>16067.00</b>	<b>16128.77</b>

10. पन बिजली उत्पादन केंद्रों के मामले में सीईआरसी शुल्क विनियम 2014 के नियम 14(3) के विनियमन संबंधी पहले प्रावधान के अनुसार निर्धारित तिथि के बाद खरीदे गए यंत्र और उपकरण, फर्नीचर, एयर कंडीशनर्स, वोल्टेज स्टैबिलाइजर्स, रेफ्रिजरेटर्स, कूलर्स, कम्प्यूटर्स, पंखे, वाशिंग मशीन, हीट कन्वेक्टर्स, गद्दे, कालीन इत्यादि सहित आस्तियों या अन्य सामग्री के लिए किया गया व्यय 01.04.2014 से शुल्क निर्धारण के लिए अतिरिक्त पूंजी के रूप में नहीं माना जाएगा। अन्य सामग्री की खरीद के लिए अतिरिक्त पूंजी संबंधी प्रावधान सीईआरसी शुल्क विनियम 2019 में हटा दिया गया है।

नियमों में उपरोक्त बदलाव से यह प्रतीत होता है कि छोटी सामग्री, यंत्र और उपकरण की खरीद के लिए अतिरिक्त पूंजीकरण की 01.04.2019 से अनुमति दी गई है। हालांकि वर्तमान आवेदन में छोटी सामग्री या यंत्र उपकरणों सहित आस्तियों पर अतिरिक्त पूंजीकरण का दावा नहीं किया गया है। इनका दावा 2019-24 की अवधि के लिए शुल्क तस्दीक के समय किया जाएगा।

11. माननीय आयोग ने दिनांक 31.12.2012, आईए संख्या 15/2012 में आवेदन संख्या 23/जीटी/2011 में अपने आदेश द्वारा चुटक कम्पनी के मामले में बिजली का पर्याप्त लोड नहीं रहने पर ऊर्जा शुल्क की वसूली सुनिश्चित करने के लिए डीमंड उत्पादन के प्रावधान की स्वीकृति दी थी। माननीय आयोग ने अपने आदेश, दिनांक 29.03.2017 के द्वारा यह प्रावधान बरकरार रखा है।

इस संदर्भ में, यहां यह उल्लेख योग्य है कि प्रतिवादी ने अब तक बिजली केंद्र की पूरी क्षमता के अनुरूप उत्पादन के लिए पूरा लोड उपलब्ध नहीं कराया है। इसके अनुसार, माननीय आयोग से 2019-24 की शुल्क अवधि के दौरान और जब तक प्रतिवादी द्वारा पूरा लोड नहीं करा दिया जाता, ऊर्जा शुल्क की पूरी वसूली सुनिश्चित करने के लिए डीमंड उत्पादन के लाभ उपलब्ध कराने का अनुरोध है।

12. माननीय आयोग ने दिनांक 29.03.2017 के अपने आदेश द्वारा 2013-16 की अवधि के लिए औसत वास्तविक सहायक उपभोग के आधार पर 5 प्रतिशत तक के सहायक उपभोग की अनुमति दी है। पिछले पांच वर्ष के दौरान बिजली केंद्र का वास्तविक सहायक उपभोग क्रमशः 5.1%, 6.4%, 5.9%, 5.5% और 5.8% रहा है। इसे देखते हुए हम माननीय आयोग से संयंत्र

के स्थान और मौसम की अत्यधिक प्रतिकूल स्थिति को ध्यान में रखते हुए सीईआरसी शुल्क विनियम, 2019 के नियम 50(सी) के प्रावधानों में छूट देकर 2019-24 की शुल्क अवधि के लिए 5.75 प्रतिशत (2014 से 19 की अवधि के दौरान वास्तविक सहायक उपभोग का औसत) के मानक सहायक उपभोग के लिए अनुरोध करते हैं।

13. वर्ष 2019-20 (शुल्क अवधि 2019-24 का पहला वर्ष) के लिए 1,93,600/- रुपये का फाइलिंग शुल्क सीईआरसी (शुल्क भुगतान) विनियम, 2012 के अनुरूप यूटीआर संख्या SBIN219116877156 के माध्यम से इलेक्ट्रॉनिक रूप से ट्रांसफर कर दिया गया है। इसकी जानकारी सीईआरसी को दिनांक 29.04.2019 (अनुलग्नक VIII) के पत्र के माध्यम से दे दी गई है। शुल्क अवधि 2019-24 के शेष वर्षों के संदर्भ में फाइलिंग शुल्क आवेदनकर्ता द्वारा संबंधित वर्ष के 30 अप्रैल तक जमा कर दिया जाएगा। माननीय आयोग के सीईआरसी शुल्क विनियम 2019 के नियम 70(1) के अनुरूप लाभार्थी से फाइलिंग शुल्क की वसूली की अनुमति देने का अनुरोध है।

14. केंद्रीय बिजली नियामक आयोग (शुल्क निर्धारण के लिए आवेदन देने की प्रक्रिया, आवेदन के प्रकाशन और अन्य संबंधित विषय) विनियम 2004 के अनुपालन में आवेदनकर्ता चुटक बिजली कम्पनी के संदर्भ में शुल्क आवेदन के नोटिस का प्रकाशन समाचारपत्रों में कराएगा। प्रकाशन के प्रमाण अलग से प्रस्तुत किए जाएंगे। माननीय आयोग से लाभार्थी से प्रकाशन व्यय की वसूली की अनुमति देने का अनुरोध किया गया है।

15. उपरोक्त शुल्क प्रस्ताव सहायक उपभोग या पानी, बिजली, पारेषण, पर्यावरण संरक्षण, बिजली/ऊर्जा की बिक्री या आपूर्ति और/या उत्पादन केंद्र और/या पारेषण प्रणाली से जुड़े किसी प्रतिष्ठान सहित किसी अन्य प्रकार के उपभोग के लिए बिजली उत्पादन पर सरकारी (केंद्रीय/राज्य) और/या कोई अन्य स्थानीय निकाय/ प्राधिकरण/नियामक अधिकरण द्वारा लगाए जाने वाले किसी भी प्रकार के वैधानिक कर, लेवी, शुल्क, उपकर या किसी अन्य प्रभार से मुक्त होगा

16. इस प्रकार के करो/शुल्क/उपकर/लेवी इत्यादि की राशि एनएचपीसी द्वारा संबंधित अधिकारियों को किसी भी महीने में भुगतान योग्य होगी। उपरोक्त प्रभारों की राशि प्रतिवादी द्वारा वहन की जाएगी और आवेदनकर्ता को भुगतान की जाएगी।

17. शुल्क प्रस्ताव पीजीसीआईएल, पीओएसओसीओ/एनएलडीसी को साझेदारी नियमों के तहत भुगतान किए जाने वाले किसी भी पारेषण/संचार/यूएलडीसी प्रभार तथा सीईआरसी (आरएलडीसी शुल्क और प्रभार और अन्य संबंधित विषय) विनियम 2009 के तहत आरएलडीसी शुल्क और प्रभार से मुक्त होगा। ये व्यवहार्य प्रभार लाभार्थियों से सीईआरसी शुल्क विनियम 2019 के नियम 70 के अनुसार सीधे वसूली योग्य होंगे।

18. जम्मू कश्मीर जल संसाधन नियामक प्राधिकरण की आदेश संख्या 89/JKSWRA दिनांक 22.12.2014 और जम्मू कश्मीर जल संसाधन (नियमन और प्रबंधन) अधिनियम 2010 के संदर्भ में अधिसूचित संशोधनों के अनुसार 31 मीटर और 60 मीटर के बीच के पनबिजली संयंत्रों को 0.12 रुपये प्रति क्यूमिक जल उपयोग की दर से जल उपयोग प्रभार का भुगतान जल

संसाधन विभाग को करना होगा। यह प्रभार लाभार्थी द्वारा बिजली उत्पादन केंद्रों से बिजली आपूर्ति के अनुपात में सीईआरसी शुल्क विनियम, 2019 के नियम 44(10) के अनुरूप माह दर माह आधार पर अतिरिक्त ऊर्जा प्रभार के रूप में भुगतान योग्य होंगे। इसे देखते हुए माननीय आयोग से केंद्र शासित प्रदेश जम्मू कश्मीर को ऐसे भुगतान के समय प्रतिवादियों से बिल उगाही की अनुमति आवेदनकर्ता को दिए जाने का अनुरोध किया जाता है।



## प्रार्थना

### भाग-क: 2014-19 की अवधि के लिए प्रशुल्क का ड्रइंग अप

1. 01.04.2014 से 31.03.2019 की अवधि के लिए चुटक पावर स्टेशन की टैरिफ को केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क की निबंधन और शर्तें), विनियमावली, 2014 के विनियमन-8 के अनुसार संशोधित करने की कृपा करें।
2. ऐसे अतिरिक्त पूंजीगत व्यय की अनुमति देने की कृपा करें, जो 29.03.2017/19.04.2017 के सीईआरसी के आदेश द्वारा अनुमति नहीं दी गई थी, लेकिन उपरोक्त पैरा -13 (भाग-क) में यथा उल्लिखित 2014-19 के दौरान साइट की विशिष्ट आवश्यकताओं के कारण व्यय की गई है।
3. ऐसे अतिरिक्त पूंजीगत व्यय की अनुमति देने की कृपा करें, जो 29.03.2017/19.04.2017 के सीईआरसी के आदेश द्वारा अनुमति नहीं दी गई थी, लेकिन उपरोक्त पैरा -14 (भाग-क) में यथा उल्लिखित 2014-19 के दौरान साइट की विशिष्ट आवश्यकताओं के कारण व्यय की गई है।
4. उपर्युक्त पैरा -15 (भाग- क) में वर्णित अनुसार, वित्तीय वर्ष 2018-19 के दौरान कर्मचारियों के वेतन नियमितीकरण के कारण अतिरिक्त पूंजीकरण की अनुमति दें।
5. उपर्युक्त पैरा -16 (भाग- क) में उल्लिखित टैरिफ के प्रयोजन के लिए छोटी परिसंपत्तियों, औजारों और फर्नीचर, कंप्यूटर आदि की प्रकृति की वस्तुओं से संबंधित नकारात्मक प्रविष्टियों को बाहर करने की अनुमति देने की कृपा करें। ।
- 6 उपर्युक्त पैरा -17 (भाग- क) में दावा किए गए शुद्ध अतिरिक्त पूंजीकरण की अनुमति देने की कृपा करें ।
- 7 उपर्युक्त पैरा -19 (क) (भाग- क) में उल्लिखित 2014-19 की अवधि के लिए 'प्रभावी कर' दर के आधार पर आरओई की सकल आय दर को बढ़ाने की अनुमति देने की कृपा करें।
8. चुटक पावर स्टेशन के वार्षिक नियत प्रभार (एएफसी) को संशोधित कर दिया गया है जो ऊपर पैरा -18 (भाग- क) में यथा उल्लिखित क्रमशः वित्तीय वर्ष 2014-15, 2015-16, 2016-17, 2017-18 और 2018-19 के लिए 14020.96 लाख रु., 14244.62 लाख रु., 14359.73 लाख रु., 14250.80 लाख रु., और 14353.58 लाख रु है। गणना की

गई एएफसी और 19.04.2017 के सीईआरसी के आदेश द्वारा अनुमत उसके बीच अंतर को सीईआरसी (प्रशुल्क की निबंधन और शर्तें) विनियमावली,2014 के विनियमन 8 (13) में निर्दिष्ट और उसके बाद के संशोधन के तरीके से प्रतिवादी से वसूल/उनको वापस करने की अनुमति देने की कृपा करें।

9. सीईआरसी प्रशुल्क विनियमावली,2014 के विनियम 54 और 55 के तहत निहित अपनी शक्ति का प्रयोग करते हुए इसे 'कानून में बदलाव' के रूप में विचार करते हुए उनके विद्युत के आवंटन के समानुपात में प्रतिवादियों से जीएसटी के कार्यान्वयन के कारण भुगतान किए गए अतिरिक्त कर की प्रतिपूर्ति, जैसा कि पैरा -19 (भाग-क) में उल्लिखित है, करने की अनुमति देने की कृपा करें।

10. एनएचपीसी को उपर्युक्त पैरा-22 से 25 (भाग-क) में उल्लिखित लैवी, कर, शुल्क, उप-कर, प्रभार, फीस आदि, यदि कोई हों, के बिल प्रतिवादी को प्रस्तुत करने की अनुमति देने की कृपा करें।

11 उपर्युक्त पैरा -26(क) (भाग-क) में उल्लिखित वर्ष 2014-19 तक की अवधि के लिए वास्तविक सहायक खपत के आधार पर प्रशुल्क का ड्रिंग अप और लाभ का बंटवारा करने की अनुमति देने की कृपा करें।

12 उपर्युक्त पैरा -26(ख) (भाग-क) में उल्लिखित वर्ष 2014-19 तक की अवधि के लिए ऋण का पुनः वित्तपोषण और लाभ का बँटवारा के आधार पर प्रशुल्क का ड्रिंग अप की अनुमति देने की कृपा करें।

**भाग-ख: 2019-24 की अवधि के लिए टैरिफ याचिका**

13. 01.04.2019 से 31.03.2024 तक की अवधि के लिए चुटक पावर स्टेशन का प्रशुल्क 07.03.2019 को जारी केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क की निबंधन और शर्तें), विनियमवाली,2019 के विनियम -9 (2) के साथ पठित विद्युत अधिनियम, 2003 की धारा 62 (1) (क) के तहत निर्धारित करने की कृपा करें।

14 पैरा -5 (भाग- क) में दावा किए गए 2019-24 तक की अवधि के लिए शुद्ध अतिरिक्त पूंजीकरण की अनुमति देने की कृपा करें ।

15. पैरा -6 (भाग- ख) में दावा किए गए टैरिफ अवधि 2019-24 के दौरान अतिरिक्त पूंजीकरण (2014-19 अवधि से मर्दों का स्पिल ओवर ) की अनुमति देने की कृपा करें ।
16. पैरा -8(घ) (भाग-ख) में उल्लिखित अतिरिक्त ओ एंड एम खर्च के रूप में वेतन संशोधन और जीएसटी के प्रभाव की अनुमति देने की कृपा करें ।
- 17 पैरा -8 (घ) (भाग- ख) में उल्लिखित 2019-24 के दौरान लाभार्थियों से अलग से अनुमानित सुरक्षा व्यय की वसूली करने की अनुमति देने की कृपा करें।
18. 2019-24 की अवधि के लिए चुटक पावर स्टेशन के वार्षिक नियत प्रभार (एएफसी) उपर्युक्त पैरा-9 (भाग- ख) में यथा उल्लिखित वित्तीय वर्ष 2019-20, 2020-21, 2021-22, 2022-23 और 2023-24 के लिए क्रमशः 15589.49 लाख रूपए , 15721.30 लाख रूपए, 15907.02 लाख रूपए, 16067.00 लाख रूपए व 16128.77 लाख रूपए की गणना की गई है । गणना की गई एएफसी और 19.04.2017 (2018-19 की अवधि के लिए) के सीईआरसी के आदेश द्वारा अनुमत और उसके बीच अंतर को सीईआरसी (प्रशुल्क की निबंधन और शर्तें) विनियमावली,2019 के विनियमन 10 (7) और इसके उत्तरवर्ती संशोधन में निर्दिष्ट तरीके से प्रतिवादी से वसूल/उनको वापस करने की अनुमति देने की कृपा करें।
19. पैरा -10 (भाग-ख) में उल्लिखित टैरिफ के ड्रुंग अप के समय उपकरणों एवं सामग्रियों सहित मामूली वस्तुओं या परिसंपत्तियों के अधिग्रहण पर अतिरिक्त पूंजीगत व्यय की अनुमति देने की कृपा करें।
20. पैरा-11 (भाग-ख) में उल्लिखित प्रतिवादी द्वारा उपलब्ध कराया गया पूरा लोड नहीं करा दिया जाता, ऊर्जा शुल्क की पूरी वसूली सुनिश्चित करने के लिए डीमंड उत्पादन के लाभ उपलब्ध कराने का कृपा करें।
21. पैरा-12 (भाग-ख) में उल्लिखित संयंत्र के स्थान और मौसम की अत्यधिक प्रतिकूल स्थिति को ध्यान में रखते हुए 2019-24 की शुल्क अवधि के लिए 5.75 प्रतिशत के मानक सहायक उपभोग कराने की कृपा करें।
22. पैरा -13 (भाग-ख) में उल्लिखित इस याचिका के दायर करने के शुल्क की प्रतिपूर्ति की अनुमति देने की कृपा करें।
23. पैरा -14 (भाग-ख) में उल्लिखित 2019-24 की अवधि के लिए प्रशुल्क के आवेदन में नोटिस के प्रकाशन पर किए गए खर्चों की प्रतिपूर्ति की अनुमति देने की कृपा करें।

24 एनएचपीसी को ऊपर पैरा -15 से 17 (भाग-ख) में उल्लिखित, यदि कोई हो, तो लेवी, करों, ड्यूटिज, उपकर, प्रभारों, शुल्क आदि के लिए प्रतिवादियों को बिल प्रदान करने की अनुमति देने की कृपा करें।

25 पैरा-18 (भाग-ख) में उल्लिखित जम्मू कश्मीर के केंद्रीय शासित प्रदेश को ऐसे भुगतान के समय प्रतिवादियों से बिल उगाही की अनुमति आवेदनकर्ता को दिए जाने की कृपा करें।

26 ऐसे अन्य और आगे के आदेश / आदेश पारित करें जो मामले के तथ्यों और परिस्थितियों में उपयुक्त और उचित समझे जाएं।

एनएचपीसी लिमिटेड  
के  
माध्यम से

(एम जी गोखले)  
महाप्रबंधक (वाणिज्यक)

स्थान: फरीदाबाद  
दिनांक: 23.10.2019

माननीय केंद्रीय विद्युत विनियामक आयोग, नई दिल्ली के समक्ष

याचिका संख्या

/जीटी/2019

निम्नलिखित के विषय में:

चुटक पावर स्टेशन के संबंध में 2014-19 की अवधि के लिए पूंजीगत व्यय को सही करने हेतु केंद्रीय विद्युत विनियामक आयोग (कार्य संचालन), विनियमावली, 1999 के विनियम 79(1) और 86, विद्युत अधिनियम, 2003 की धारा 62(1)(क) और केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क के निबंधन और शर्तें) विनियामवली, 2009 के विनियम 8, 14 और 25(3) के अंतर्गत याचिका ।

और

चुटक पावर स्टेशन के संबंध में 2019-24 की अवधि के लिए प्रशुल्क (टैरिफ) के निर्धारण हेतु केंद्रीय विद्युत विनियामक आयोग (कार्य संचालन), विनियमावली, 1999 के विनियम 79(1) और 86, विद्युत अधिनियम, 2003 की धारा 62(1)(क) और केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क के निबंधन और शर्तें) विनियामवली, 2014 के विनियम 9(2), 10(1), 12, 25, 26 और 35(2) के अंतर्गत याचिका ।

**याचिकाकर्ता :**

एनएचपीसी लिमिटेड

(भारत सरकार का उद्यम)

एनएचपीसी कार्यालय परिसर,

सेक्टर-33, फरीदाबाद - 121 003

**प्रतिवादीगण :**

1. प्रमुख सचिव,  
विद्युत विकास विभाग  
नया सचिवालय  
जम्मू - 180001 (जम्मू व कश्मीर)

## याचिका का सत्यापन करने के लिए शपथ-पत्र

में, एम जी गोखले, सुपुत्र स्वर्गीय श्री जी.डी गोखले, आयु 53 वर्ष, एनएचपीसी लिमिटेड में महाप्रबंधक (वाणिज्यिक) के रूप में कार्यरत, उपर्युक्त मामले में आवेदक, सत्यनिष्ठा से निम्नलिखित प्रतिज्ञान और कथन करता हूँ:

1. मैं एनएचपीसी लिमिटेड में महाप्रबंधक (वाणिज्यिक) के रूप में कार्यरत हूँ और उपर्युक्त मामले के तथ्यों से भली भांति परिचित हूँ।
2. इस याचिका में किए गए कथन मेरी जानकारी और विश्वास के अनुसार सत्य हैं और उपलब्ध दस्तावेजों/अभिलेखों और/या प्रबंधन के अनुमोदन पर आधारित हैं।

28 अक्टूबर 2019, को फरीदाबाद में सत्यनिष्ठा से प्रतिज्ञान किया गया कि उपर्युक्त शपथ-पत्र की विषय-वस्तु मेरी जानकारी के अनुसार सत्य है, इसका कोई भाग मिथ्या नहीं है और उसमें से कोई सारवान बात छिपाई नहीं गई है।

**अभिसाक्षी**

**मेरे समक्ष शिनाख्त की गई**



एन एच पी सी लिमिटेड

(भारत सरकार का उद्यम)

NHPC Limited

(A Government of India Enterprise)

संदर्भ सं./Ref. No. NH/Comml./Tariff/315/2018

फोन/Phone: 0129-2277941  
दिनांक/Date: 05.05.2018

Authority Letter

I, M.K. Mittal, S/o Sh. Tek Chand Mittal working as Director (Finance), NHPC Ltd., NHPC Office Complex, Sector-33, Faridabad, Haryana, 121003, hereby authorize following officials of Commercial Division:

1. Sh. Ashok Kumar Pandey, Chief Engineer (Comml.)
2. Sh. Milind Ganesh Gokhale, Chief Engineer (Comml.)

to do all or any of the acts or things hereinafter mentioned below:

1. To institute, defend, argue and conduct petitions, sign and verify petitions, written statements, written submissions and to file the same before the Central Electricity Regulatory Commission.
2. To appear, act and plead before the Central Electricity Regulatory Commission.
3. To compromise, compound or withdraw cases filed before the Central Electricity Regulatory Commission.
4. To file petitions or affidavits before the Central Electricity Regulatory Commission and to obtain the copies of documents, papers, records etc.
5. To apply for the inspection of the records of the proceedings of the Central Electricity Regulatory Commission.
6. To issue notices and accept service of any summons, notices or orders issued by the Central Electricity Regulatory Commission.



जोक्त कार्यालय : एन एच पी सी ऑफिस कॉम्प्लैक्स, सैक्टर-33, फरीदाबाद, हरियाणा-121 003 (भारत)  
Regd. Office : NHPC Office Complex, Sector-33, Faridabad, Haryana-121 003 (India)  
Website : www.nhpcindia.com; E-mail : webmaster@nhpc.nic.in; Fax : 0129-2277941; EPABX No. : 0129-2278421

Contd. 2/-




Continuation Sheet No.....

7. To sign the appeals, petition etc. arising out of any summons, notices or orders issued by the Central Electricity Regulatory Commission on behalf of the Company.
8. To take all such actions as may be necessary in the case.

The Specimen signature of

Sh. Ashok Kumar Pandey

  
\_\_\_\_\_

Sh. Milind Ganesh Gokhale

  
\_\_\_\_\_  
\_\_\_\_\_

  
(M.K. Mittal)

Director (Finance)

04/05/2018

एम. के. मिट्टल / M. K. MITTAL  
निदेशक (वित्त) / Director (Finance)  
एन एच पी सी लिमिटेड / NHPC Limited  
(भारत सरकार का उद्यम / A Govt. of India Enterprise)  
सेक्टर-33, फरीदाबाद / Sector - 33, Faridabad



  
(M.K. Mittal)

Director (Finance)

04/05/2018

एम. के. मिट्टल / M. K. MITTAL  
निदेशक (वित्त) / Director (Finance)  
एन एच पी सी लिमिटेड / NHPC Limited  
(भारत सरकार का उद्यम / A Govt. of India Enterprise)  
सेक्टर-33, फरीदाबाद / Sector - 33, Faridabad



# **ANNEX-I**

## Summary Sheet

Name of the Petitioner : NHPC Ltd.

Name of the Generating Station : Chutak Power Station

Region : Northern

State: J&amp;K

District : Kargil

(Rs in Lakh)

Sl. No.	Particulars	Existing 2013-14 <sup>^</sup>	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7	8
1.1	Depreciation	4,284.97	4,413.94	4,510.72	4,579.61	4,619.25	4,642.10
1.2	Interest on Loan	2,054.82	1,936.55	1,789.13	1,645.64	1,256.63	1,110.40
1.3	Return on Equity <sup>1</sup>	5,033.29	5,229.22	5,357.33	5,393.93	5,476.30	5,528.98
1.4	Interest on Working Capital	371.34	380.39	389.73	396.92	399.37	406.91
1.5	O & M Expenses	1,983.19	2,060.86	2,197.70	2,343.63	2,499.25	2,665.20
	<b>Total</b>	<b>13,727.61</b>	<b>14,020.96</b>	<b>14,244.62</b>	<b>14,359.73</b>	<b>14,250.80</b>	<b>14,353.58</b>

## Note

1: Details of calculations, considering equity as per regulation, to be furnished.

<sup>^</sup> As per CERC Order dated 19.04.2017 in petition No. 252/GT/2014.

**For Arora Vohra & Co.**  
**Chartered Accountants**  
**FRN No. : 009487N**

  
**(CA. Hardeep Aggarwal)**  
**M. No. 088243**  
**Partner**  
**UDIN: 19088243AAACCS856**



**For NHPC Limited**

  
**(M G Gokhale)**  
**General Manager (Comml.)**

Name of the Petitioner : NHPC LIMITED  
Name of the Generating Station : CHUTAK POWER STATION  
Place (Region/District/State) : NORTHERN / KARGIL / J&K

FORM-1(I)

Statement showing claimed capital cost

(` Lakh)

Sl. No.	Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7
1	Opening Capital Cost *	86,865.46	89,104.93	90,740.74	91,776.33	92,294.89
2	Add : Addition during the year / period	971.97	1,289.53	938.13	424.31	462.75
3	Less : De-capitalisation during the year / period	3.21	108.48	0.00	1.28	0.00
4	Less : Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add : Discharges during the year / period	1,270.71	454.76	97.46	95.53	61.21
6	<b>Closing Capital Cost</b>	<b>89,104.93</b>	<b>90,740.74</b>	<b>91,776.33</b>	<b>92,294.89</b>	<b>92,818.85</b>
7	<b>Average Capital Cost</b>	<b>87,985.20</b>	<b>89,922.84</b>	<b>91,258.54</b>	<b>92,035.61</b>	<b>92,556.87</b>

\* Admitted capital cost as on 31.03.2014 as per CERC Order dated 21.3.2017 in petition No. 190/GT/2015.

FORM-1(II)

Statement showing Return on Equity

(` in Lakh)

Sl. No.	Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7
1	Opening Equity **	26,059.64	26,731.48	27,222.22	27,532.90	27,688.47
2	Add : Increase due to addition during the year / period	291.59	386.86	281.44	127.29	138.83
3	Less : Decrease due to de-capitalisation during the year / period	0.96	32.54	0.00	0.38	0.00
4	Less : Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add : Increase due to discharges during the year / period	381.21	136.43	29.24	28.66	18.36
6	<b>Closing Equity</b>	<b>26,731.48</b>	<b>27,222.22</b>	<b>27,532.90</b>	<b>27,688.47</b>	<b>27,845.66</b>
7	<b>Average Equity</b>	<b>26,395.56</b>	<b>26,976.85</b>	<b>27,377.56</b>	<b>27,610.69</b>	<b>27,767.06</b>
8	Rate of ROE	19.811%	19.859%	19.702%	19.834%	19.912%
9	<b>Return on Equity</b>	<b>5,229.22</b>	<b>5,357.33</b>	<b>5,393.93</b>	<b>5,476.30</b>	<b>5,528.98</b>

\*\* Opening equity has been considered as equal to the closing equity as on 31.03.2014 as per CERC Order dated 21.3.2017 in petition No. 190/GT/2015.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

**Details of COD, Type of hydro station, Normative Annual Plant Availability Factor(NAPAF) & Other normative parameters considered for tariff calculation**

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

	Particulars	Unit	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
	1	2	3	4	5	6	7	8
1	Installed Capacity	MW	44			44		
2	Free power to home state	%	13***			13***		
3	Date of commercial operation							
	Unit-1		29.11.2012			29.11.2012		
	Unit-2		29.11.2012			29.11.2012		
	Unit-3		29.11.2012			29.11.2012		
	Unit-4		01.02.2013			01.02.2013		
4	Type of Station							
	a) Surface / underground		Underground			Underground		
	b) Purely ROR / Pondage/ Storage		Purely ROR			Purely ROR		
	c) Peaking / non-peaking		Non-peaking			Non-peaking		
	d) No. of hours of peaking							
	e) Overload capacity (MW) & period		12.1 MW per Machine & Continuous per Machine			12.1 MW per Machine & Continuous per Machine		
5	Type of excitation							
	a) Rotaing exciters on generator							
	b) Static excitation		Static			Static		
6	Design Energy (Annual) <sup>1</sup>	Gwh	212.93			212.93		
7	Auxiliary Consumption including Transformation losses	%	1.2			1.2		
8	Normative Annual Plant Availability Factor (NAPAF)	%	50			50		
9.1	Maintainance Spares for WC	% of O&M	15			15		
9.2	Receivables for WC	in Months	2			2		
9.3	Base Rate of Return on Equity	%	15.50	15.50%	15.50%	15.50%	15.50%	15.50%
9.4	Tax Rate <sup>2</sup>	%	20.961	20.961	21.342	21.342	21.342	21.549
9.5	Effective Tax Rate <sup>4</sup>		20.961	21.760	21.948	21.328	21.851	22.157
9.6	SBI Base Rate + 350 basis points as on 01.04.2014 <sup>3</sup>	%	13.50	13.50%	13.50%	13.50%	13.50%	13.50%

1. Month wise 10-day Design energy figures to be given separately with the petition.

2. Tax rate applicable to the company for the year FY 2013-14 should also be furnished.

3. Mention relevant date

4. Effective tax rate is to be computed in accordance with Regulation 25 i.e. actual tax (or advance tax) / gross income, where gross income refers the profit before tax.

\*\*\* Including 1% free power to home state for Local Area Development as allocation order issued by MOP, GOI.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comm.)

## Salient Features of Hydroelectric Project

Name of the Petitioner: NHPC LIMITED

Name of the Generating Station: CHUTAK POWER STATION

<b>1. Location</b>	
State / Distt.	JAMMU AND KASHMIR / KARGIL
River	SURU
<b>2. Diversion Channel</b>	
Size, shape	20 M WIDE, TRAPEZOIDAL
Length (M)	320 M
<b>3. Barrage</b>	
Type	RCC RAFT WITH PIERS
Maximum dam height (M)	15 M HIGH ABOVE CREST LEVEL
<b>4. Spillway</b>	
Type	GATED WEIR WITH BREAST WALL
Crest level of spillway (M)	E.L. 2768 M
<b>5. Reservoir</b>	
Full Reservoir Level (FRL) (M)	E.L. 2781 M
Minimum Draw Down Level (MDDL)	-
Live storage (MCM)	NIL
<b>6. Desilting Chamber</b>	
Type	NA
Number and Size	
Particle size to be removed(mm)	
<b>7. Head Race Tunnel</b>	
Size and type	5.9 M DIA, H.S. SHAPED
Length (M)	4780 M
Design discharge (Cumecs)	96.2 CUMECs
<b>8. Surge Shaft</b>	
Type	ORIFICE TYPE
Diameter (M)	19 M
Height (M)	59 M
<b>9. Penstock/Pressure shafts</b>	
Type	CIRCULAR (4 Nos. PENSTOCKS STEEL LINED & 2 Nos. PRESSURE SHAFT RCC LINED)
Diameter & Length (M)	EACH PENSTOCK 2.3 M DIA, 21 M LONG / PRESSURE SHAFT OF 4.0 M DIA EACH, 153 & 118 M LONG.
<b>10. Power House</b>	
Installed capacity (No of units x MW)	44 MW (4 X 11 MW)
Type of turbine	VERTICAL FRANCIS
Rated Head (M)	52 M
Rated Discharge (Cumecs)	96.2 CUMECs
Head at Full Reservoir Level (M)	63.7 M
Head at Minimum Draw down Level (M)	52M
MW Capability at FRL	44
MW Capability at MDDL	44
<b>11. Tail Race Tunnel / Channel</b>	
Diameter (M), shape	5.9 M DIA, H.S. SHAPED
Length (M)	50 M
Minimum tail water level(M)	E.L. 2716.03 M
<b>12. Switchyard</b>	
Type of Switch gear	Outdoor Switchyard
No. of generator bays	4
No. of Bus coupler bays	1
No. of line bays	2
Note : Specify limitation on generation during specific time period(s) on account of restrictions on water use due to irrigation, drinking water, industrial, environmental considerations etc.	

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

**Details of Foreign loans**

(Details only in respect of loans applicable to the project under petition)

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

Exchange Rate at COD

Exchange Rate as on 31.3.2014

Sl.	Financial Year (Starting from COD)	Year 1				Year 2				Year 3 and so on			
		2	3	4	5	6	7	8	9	10	11	12	13
		Date	Amount (Foregn Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregn Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregn Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)
	<b>Currency1<sup>1</sup></b>												
A	1 At the date of Drawl <sup>2</sup>												
	2 Scheduled repayment date of principal												
	3 Scheduled payment date of interest												
	4 At the end of Financial year												
B	In case of Hedging <sup>3</sup>												
	1 At the date of hedging												
	2 Period of hedging												
	3 Cost of hedging												
	<b>Currency2<sup>1</sup></b>												
A	1 At the date of Drawl <sup>2</sup>												
	2 Scheduled repayment date of principal												
	3 Scheduled payment date of interest												
	4 At the end of Financial year												
B	In case of Hedging <sup>3</sup>												
	1 At the date of hedging												
	2 Period of hedging												
	3 Cost of hedging												
	<b>Currency3<sup>1</sup> &amp; so on</b>												
A	1 At the date of Drawl <sup>2</sup>												
	2 Scheduled repayment date of principal												
	3 Scheduled payment date of interest												
	4 At the end of Financial year												
B	In case of Hedging <sup>3</sup>												
	1 At the date of hedging												
	2 Period of hedging												
	3 Cost of hedging												

Not Applicable

1. Name of the currency to be mentioned e.g. US\$, DM, etc.

2. In case of more than one drawl during the year, Exchange rate at the date of each drawl to be given

3. Furnish details of hedging, in case of more than one hedging during the year or part hedging, details of each hedging are to be given

4. Tax (such as withholding tax) details as applicable including change in rates, date from which change effective etc. must be clearly indicated.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comm.)

**Details of Foreign Equity**

(Details only in respect of Equity infusion if any applicable to the project under petition)

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

Exchange Rate on date/s if infusion :

Sl.	Financial Year	Year 1				Year 2				Year 3 and so on			
		1	2	3	4	5	6	7	8	9	10	11	12
		Date	Amount (Foregin Currency)	Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin Currency)	Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin Currency)	Exchange Rate	Amount (Rs. Lakh)
	<b>Currency1<sup>1</sup></b>												
A	1 At the date of infusion <sup>2</sup>												
	2												
	3												
	<b>Currency2<sup>1</sup></b>												
A	1 At the date of infusion <sup>2</sup>												
	2												
	3												
	<b>Currency3<sup>1</sup></b>												
A	1 At the date of infusion <sup>2</sup>												
	2												
	3												
	<b>Currency4<sup>1</sup> &amp; so on</b>												
A	1 At the date of infusion <sup>2</sup>												
	2												
	3												

Not Applicable

1. Name of the currency to be mentioned e.g. US\$, DM, etc.

2. In case of equity infusion more than once during the year, Exchange rate at the date of each infusion to be given.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

## Abstract of Admitted Capital Cost for the existing Projects

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

Capital Cost as admitted by CERC		
a)	Capital cost admitted as on <u>31.03.2014</u>	₹ 868.65 Crs
	(Give reference of the relevant CERC Order with Petition No. & Date)	As allowed by CERC vide order dated 21.03.2017 in Petition no. 190/GT/2015.
b)	Foreign Component, if any (In Million US \$ or the relevant Currency)	
c)	Foreign Exchange rate considered for the admitted Capital cost (Rs Lakh)	
d)	Total Foreign Component (Rs. Lakh)	
e)	Domestic Component (Rs. Lakh.)	₹ 868.65 Crs
f)	Hedging cost, if any, considered for the admitted Capital cost (Rs Lakh)	
<b>Total Capital cost admitted (Rs. Lakh) (d+e+f)</b>		<b>₹ 868.65 Crs</b>

For Arora Vohra & Co.  
Chartered Accountants




For NHPC Limited



(M G Gokhale)  
General Manager (Comml.)



## Abstract of Capital Cost Estimates and Schedule of Commissioning for the New Projects

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

New ProjectsCapital Cost Estimates

Board of Director/ Agency approving the Capital cost estimates:		
Date of approval of the Capital cost estimates:		
	<b>Present Day Cost</b>	<b>Completed Cost</b>
Price level of approved estimates	As on End of _____ Qtr. Of the year _____	As on scheduled COD of the Station
Foreign Exchange rate considered for the Capital cost estimates		
<b>Capital Cost excluding IDC, IEDC &amp; FC</b>		
Foreign Component, if any (In Million US \$ or the relevant currency) relevant Currency)		
Domestic Component (Rs. Lakh)	<b>NA</b>	
<b>Capital cost excluding IDC, IEDC, FC, FERV &amp; Hedging Cost (Rs. Lakh)</b>		
<b>IDC, IEDC, FC, FERV &amp; Hedging Cost</b>		
Foreign Component, if any (In Million US \$ or the relevant currency)		
Domestic Component (Rs. Lakh)	<b>NA</b>	
<b>Total IDC, IEDC, FC, FERV &amp; Hedging Cost (Rs. Lakh)</b>		
Rate of taxes & duties considered	<b>NA</b>	
<b>Capital cost including IDC, IEDC, FC, FERV &amp; Hedging Cost</b>		
Foreign Component, if any (In Million US \$ or the relevant currency)		
Domestic Component (Rs. Lakh)	<b>NA</b>	
<b>Capital cost including IDC, IEDC &amp; FC (Rs. Lakh)</b>		
<b>Schedule of Commissioning as per investment approval approval</b>		
Scheduled COD of Unit-I	<b>NA</b>	
Scheduled COD of Unit-II		
.....		
.....		
Scheduled COD of last Unit/Station		

Note:

1. Copy of approval letter should be enclosed
2. Details of Capital Cost are to be furnished as per FORM-5B or 5C as applicable.
3. Details of IDC & Financing Charges are to be furnished as per FORM-14.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comm.)

Break-up of Capital Cost for New Hydro Power Generating Station

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

(Amount in Lakh)

Sl. No.	Break Down	Original cost as approved by Authority/Investment Approval	Actual Capital Expenditure as on actual/anticipated COD	Liabilities/Provisions	Variation	Reason for Variation
1	2	3	4	5	6=3-4-5	7
1.0	<b>Infrastructure Works</b>					
1.1	Preliminary including Development					
1.2	Land *					
1.3	R&R Expenditure					
1.4	Buildings					
1.5	Township					
1.6	Maintenance					
1.7	Tools & Plants					
1.8	Communication					
1.9	Environment & Ecology					
1.10	Losses on stock					
1.11	Receipt & Recoveries					
1.12	<b>Total (Infrastructure works)</b>					
2.0	<b>Major Civil Works</b>					
2.1	Dam, Intake & Desilting Chambers					
2.2	HRT, TRT, Surge Shaft & Pressure shafts					
2.3	Power Plant civil works					
2.4	Other civil works (to be specified)					
2.5	<b>Total (Major Civil Works)</b>					
3.0	<b>Hydro Mechanical equipments</b>					
4.0	<b>Plant &amp; Equipment</b>					
4.1	Initial spares of Plant & Equipment					
4.2	<b>Total (Plant &amp; Equipment)</b>					
5.0	<b>Taxes and Duties</b>					
5.1	Custom Duty					
5.2	Other taxes & Duties					
5.3	<b>Total Taxes &amp; Duties</b>					
6.0	<b>Construction &amp; Pre-commissioning expenses</b>					
6.1	Erection, testing & commissioning					
6.2	Construction Insurance					
6.3	Site supervision					
6.4	<b>Total (Const. &amp; Pre-commissioning)</b>					
7.0	<b>Overheads</b>					
7.1	Establishment					
7.2	Design & Engineering					
7.3	Audit & Accounts					
7.4	Contingency					
7.5	Rehabilitation & Resettlement					
7.6	<b>Total (Overheads)</b>					
8.0	<b>Capital Cost without IDC, FC, FERV &amp; Hedging Cost</b>					
9.0	<b>IDC, FC, FERV &amp; Hedging Cost</b>					
9.1	Interest During Construction (IDC)					
9.2	Financing Charges (FC)					
9.3	Foreign Exchange Rate Variation (FERV)					
9.4	Hedging Cost					
9.5	<b>Total of IDC, FC, FERV &amp; Hedging Cost</b>					
10.0	<b>Capital cost Including IDC, FC, FERV &amp; Hedging Cost</b>					

\*Provide details of Freehold Land, Leasehold Land and Land under reservoir separately

**Note:**

- In case of cost variation, a detailed note giving reasons of such variation should be submitted clearly indicating whether such cost over-run was beyond the control of the generating company.
- In case of both time & cost overrun, a detailed note giving reasons of such time and cost over-run should be submitted clearly bringing out the agency responsible and whether such time and cost overrun was beyond the control of the generating company.
- The implication on cost due to time over run, if any shall be submitted separately giving details of increase in prices in different packages from scheduled COD to Actual COD/anticipated COD, increase in IEDC from scheduled COD to actual COD/anticipated COD and increase of IDC from scheduled COD to actual anticipated COD.
- Impact on account of each reason for Time over run on Cost of project should be quantified and substantiated with necessary documents and supporting workings.
- A list of balance work assets/work wise including initial spare on original scope of works along with estimate shall be furnished positively.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comm)

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**Break-up of Capital Cost for Plant & Equipment (New Projects)**

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

(Amount In Lakh)

Sl. No.	Break Down	Original cost as approved by Authority/Investment Approval <sup>1</sup>	Cost on Actual/anticipated COD <sup>1</sup>	Variation	Reason for Variation *
1	2	Total Cost	Total Cost	3	4
1.0	<b>Generator,turbine &amp; Accessories</b>				
1.1	Generator package				
1.2	Turbine package				
1.3	Unit control Board				
1.4	C&I package				
1.5	Bus Duct of GT connection				
1.6	<b>Total (Generator, turbine &amp; Accessories)</b>				
2.0	<b>Auxillary Electrclal Equipmnet</b>				
2.1	Step up transformer				
2.2	Unit Auxillary Transformer				
2.3	Local supply transformer				
2.4	Station transformer				
2.5	SCADA				
2.6	Switchgear, Batteries, DC dist. Board				
2.7	Telecommunication equipment				
2.8	Illumination of Dam, PH and Switchyard				
2.9	Cables & cable facilities, grounding				
2.10	Diesel generating sets				
2.11	<b>Total (Auxillary Elect. Equipment)</b>				
3.0	<b>Auxiliary equipment &amp; services for power station</b>				
3.1	EOT crane				
3.2	Other cranes				
3.3	Electric lifts & elevators				
3.4	Cooling water system				
3.5	Drainage & dewatering system				
3.6	Fire fighting equipment				
3.7	Air conditioning, ventilation and heating				
3.8	Water supply system				
3.9	Oil handling equipment				
3.10	Workshop machines & equipment				
3.11	<b>Total (Auxillary equpnt. &amp; services for PS)</b>				
4.0	<b>Switchyard package</b>				
5.0	<b>Initial spares for all above equipments</b>				
6.0	<b>Total Cost (Plant &amp; Equipment) excluding IDC, FC, FERV &amp; Hedging Cost</b>				
7.0	<b>IDC, FC, FERV &amp; Hedging Cost</b>				
7.1	Interest During Construction (IDC)				
7.2	Financing Charges (FC)				
7.3	Foreign Exchange Rate Variation (FERV)				
7.4	Hedging Cost				
7.5	<b>Total of IDC, FC, FERV &amp; Hedging Cost</b>				
8.0	<b>Total Cost (Plant &amp; Equipment) Including IDC, FC, FERV &amp; Hedging cost)</b>				

**Note:**

1. In case of cost variation, a detailed note giving reasons of such variation should be submitted clearly indicating whether such cost overrun was beyond the control of the generating company.

For Arora Vohra & Co.  
Chartered Accountants




For NHPC Limited

  
(M G Gokhale)  
General Manager (Comm)

Break-up of Construction/Supply/Service packages

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

1	Name/No. of Construction / Supply / Service Package	Package A	Package B	Package C	.....	Total Cost of all packages
2	Scope of works <sup>1</sup> (in line with head of cost break-ups as applicable)					
3	Whether awarded through ICB/DCB/ Departmentally/Deposit Work					
4	No. of bids received					
5	Date of Award					
6	Date of Start of work					
7	Date of Completion of Work/Expected date of completion of work					
8	Value of Award <sup>2</sup> in (Rs. Lakh)					
9	Firm or With Escalation in prices					
10	Actual capital expenditure till the completion or up to COD whichever is earlier(Rs.Lakh)					
11	Taxes & Duties and IEDC (Rs. Lakh)					
12	IDC, FC, FERV & Hedging cost (Rs. Lakh)					
13	Sub -total (10+11+12) (Rs. Lakh)					

Not Applicable

**Note:**

1. If there is any package, which need to be shown in Indian Rupee and foreign currency (ies), the same should be shown separately along with the currency, the exchange rate and the date.

**For Arora Vohra & Co.**  
Chartered Accountants



**For NHPC Limited**

**(M G Gokhale)**  
General Manager (Comml.)

In case there is cost over run

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

Sl. No.	Break Down	Original cost as approved by Board Members (Rs in Lakhs)	Actual/Estimated Cost as incurred/to be incurred (Rs Lakh)	Difference	Reason for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost
		Total Cost	Total Cost	Total Cost		
<b>1.0</b>	<b>Cost of Land &amp; Site Development</b>					
1.1	Land*					
1.2	Rehabilitation & Resettlement (R&R)					
1.3	Preliminary Investigation & Site Development					
<b>2.0</b>	<b>Plant &amp; Equipment</b>					
2.1	Steam Generator Island					
2.2	Turbine Generator Island					
2.3	BOP Mechanical					
2.3.1	Fuel Handling & Storage system					
2.3.2	External water supply system					
2.3.3	DM water Plant					
2.3.4	Clarification plant					
2.3.5	Chlorination Plant					
2.3.6	Fuel Handling & Storage system					
2.3.7	Ash Handling System					
2.3.8	Coal Handling Plant					
2.3.9	Rolling Stock and Locomotives					
2.3.10	MGR					
2.3.11	Air Compressor System					
2.3.12	Air Condition & Ventilation System					
2.3.13	Fire fighting System					
2.3.14	HP/LP Piping					
	<b>Total BOP Mechanical</b>					
<b>2.4</b>	<b>BOP Electrical</b>					
2.4.1	Switch Yard Package					
2.4.2	Transformers Package					
2.4.3	Switch gear Package					
2.4.4	Cables, Cable facilities & grounding					
2.4.5	Lighting					
2.4.6	Emergency D.G. set					
	<b>Total BOP Electrical</b>					
<b>2.5</b>	<b>Control &amp; Instrumentation (C &amp; I) Package</b>					
	<b>Total Plant &amp; Equipment excluding taxes &amp; Duties</b>					
<b>3</b>	<b>Initial Spares</b>					



Sl. No.	Break Down	Original cost as approved by Board Members (Rs in Lakhs)	Actual/Estimated Cost as incurred/to be incurred (Rs Lakh)	Difference	Reason for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost
		Total Cost	Total Cost	Total Cost		
4	<b>Civil Works</b>					
4.1	Main plant/Adm. Building					
4.2	CW system					
4.3	Cooling Towers					
4.4	DM water Plant					
4.5	Clarification plant					
4.6	Chlorination plant					
4.7	Fuel handling & Storage system					
4.8	Coal Handling Plant					
4.9	MGR & Marshalling Yard					
4.10	Ash Handling System					
4.11	Ash disposal area development					
4.12	Fire fighting System					
4.13	Township & Colony					
4.14	Temp. construction & enabling works					
4.15	Road & Drainage					
	<b>Total Civil works</b>					
5.0	<b>Construction &amp; Pre- Commissioning Expenses</b>					
5.1	Erection Testing and commissioning					
5.2	Site supervision					
5.3	Operator's Training					
5.4	Construction Insurance					
5.5	Tools & Plant					
5.6	Start up fuel					
	<b>Total Construction &amp; Pre- Commissioning Expenses</b>					
6.0	<b>Overheads</b>					
6.1	Establishment					
6.2	Design & Engineering					
6.3	Audit & Accounts					
6.4	Contingency					
	<b>Total Overheads</b>					
7.0	<b>Capital cost excluding IDC &amp; FC</b>					
8.0	<b>IDC, FC, FERV &amp; Hedging Cost</b>					
8.1	Interest During Construction (IDC)					
8.2	Financing Charges (FC)					
8.3	Foreign Exchange Rate Variation (FERV)					
8.4	Hedging Cost					
	<b>Total of IDC, FC, FERV &amp; Hedging Cost</b>					
9.0	<b>Capital cost including IDC, FC, FERV &amp; Hedging Cost</b>					

Not Applicable

\*Submit details of Freehold and Lease hold land

Note: Impact on account of each reason for Cost overrun should be quantified and substantiated with necessary documents and supporting workings.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

In case there is time over run

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

S. No.	Description of Activity/Works/Service	Original Schedule (As per Planning)		Actual Schedule (As per Actual)		Time Over-Run	Reasons for delay	Other Activity effected (Mention Sr No of activity affected)
		Start Date	Completion Date	Actual Start Date	Actual Completion Date	Days		
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

Not Applicable

1. Delay on account of each reason in case of time overrun should be quantified and substantiated with necessary documents and supporting workings.

2. Indicates the activities on critical path.

For Arora Vohra &amp; Co.

Chartered Accountants




For NHPC Limited



(M G Gokhale)

General Manager (Comml.)

In case there is claim of additional RoE

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

S. No.	Completion Time as per Investment approval (Months)				Actual Completion time				Qualifying time schedule (as per regulation)
	Start Date	Scheduled COD (Date)	Months	Installed Capacity	Start Date	Actual COD (Date)	Actual Completion time in Months	Tested Capacity	Months
Unit 1									
Unit 2									
Unit 3									
Unit 4									
....									
.....									

Not Applicable

Note: Necessary documentary evidence in support of actual completion time to be submitted in accordance with Regulation 5(1).

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)



## Financial Package upto COD

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

Project Cost as on COD<sup>1</sup> : 81401.35 Lakhs\*Date of Commercial Operation of the Station<sup>2</sup> : 01.02.2013

Amount ₹ in Lakhs

1	Financial Package as Approved		Financial Package as on COD*		As Admitted on COD	
	Currency and Amount <sup>3</sup>		Currency and Amount <sup>3</sup>		Currency and Amount <sup>3</sup>	
	2	3	4	5	6	7
<b>Loan:-</b>						
FOREIGN LOAN			INR	0.00	INR	0.00
POWER FINANCE CORPORATION LTD.			INR	5950.00	INR	5950.00
SUBORDINATE DEBT GOI			INR	36400.00	INR	36400.00
Q SERIES BONDS			INR	500.00	INR	500.00
CORPORATION BANK			INR	88.00	INR	88.00
NORMATIVE LOAN			INR	14042.94	INR	14042.94
<b>Total Loans</b>			INR	56980.94	INR	56980.94
<b>Equity:-</b>						
Foreign				0.00		0.00
Domestic (Govt/IPO/IR)			INR	24420.41	INR	24420.41
<b>Total Equity</b>			INR	24420.41	INR	24420.41
Debt : Equity Ratio				70:30		70:30

\* Figures as per the CERC Order dated 21.03.2017 in petition no. 3/GT/2013. This cost excludes undischarged liability amounting to ₹ 2725.47 Lakhs^^ existed at the time of COD.

**Note:**

1. Say Rs. 80 Cr. + US\$ 200 m or Rs. 1320 Cr. including US\$ 200 m at an exchange rate of US\$=Rs 62
2. Date of Commercial Operation means Commercial Operation of the last unit
3. For example : US \$ 200m, etc.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comm.)

## Details of Project Specific Loans

Name of the Company **NHPC Ltd.**  
Name of the Power Station **CHUTAK POWER STATION**

(Amount in lacs)

Particulars	Package1	Package2	Package3
1	2	3	4
Source of Loan <sup>1</sup>	PFC Ltd.*	Subordinate Debt GOI	NORMATIVE LOAN / FRESH BORROWINGS
Currency <sup>2</sup>	INR	INR	INR
Amount of Loan sanctioned	7000.00	55475	
Amount of Gross Loan drawn upto 31.03.2014/COD <sup>3,4,5,13,15</sup>	7000.00	55475	
Interest Type <sup>5</sup>	FLOATING with Interest rate reset every third year. Presently 7.80% w.e.f 15.04.2017.	FIXED	Fixed
Fixed Interest Rate, if applicable#	N.A.	2.50%	3.63%
Base Rate, if Floating Interest <sup>7</sup>	3Year AAA Bond Yield	N.A.	N.A.
Margin, if Floating Interest <sup>8</sup>	0.50%	N.A.	N.A.
Are there any Caps/Floor <sup>9</sup>	N.A.	N.A.	N.A.
If above is yes,specify caps/floor	N.A.	N.A.	N.A.
Moratorium Period <sup>10</sup>	42 MONTHS	146 MONTHS	
Moratorium effective from	24-03-2008	23-11-2006	
Repayment Period <sup>11</sup>	10YEARS	24 YEARS	
Repayment effective from	15-10-2011	01-02-2019	
Repayment Frequency <sup>12</sup>	QUARTERLY	ANNUALLY	
Repayment Instalment <sup>13,14</sup>	175	2311.46	
Base Exchange Rate <sup>16</sup>	N.A.	N.A.	
Are Foreign currency hedged?	N.A.	N.A.	
If above is yes,specify details.17	N.A.	N.A.	

\* Loan from PFC Ltd. has been replaced with W1-Series Bonds on 15.09.2017.

# Weighted Average rate of interest on Loan for FY 2013-14.

<sup>1</sup> Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.

<sup>2</sup> Currency refers to currency of loan such as US\$, DM, Yen, Indian Rupee etc.

<sup>3</sup> Details are to be submitted as on 31.03.2014 for existing assets and as on COD for the remaining assets.

<sup>4</sup> Where the loan has been refinanced, details in the Form Is to be given for the loan refinanced. However, the details of the original loan Is to be given separately in the same form.

<sup>5</sup> If the Tariff in the petition is claimed separately for various units, details in the Form is to be given separately for all the units in the same form.

<sup>6</sup> Interest type means whether the interest is fixed or floating.

<sup>7</sup> Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Documentary evidence for applicable base rate on different dates from the date of drawl may also be enclosed.

<sup>8</sup> Margin means the points over and above the floating rate.

<sup>9</sup> At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.

<sup>10</sup> Moratorium period refers to the period during which loan servicing liability is not required.

<sup>11</sup> Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

<sup>12</sup> Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, annual, etc.

<sup>13</sup> Where there is more than one drawl/repayment for a loan, the date & amount of each drawl/repayment may also be given separately

<sup>14</sup> If the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be furnished separately.

<sup>15</sup> In case of Foreign loan, date of each drawl & repayment alongwith exchange rate at that date may be given with documentary evidence.

<sup>16</sup> Base exchange rate means the exchange rate prevailing as on 31.03.2014 for existing assets and as on COD for the remaining assets.

<sup>17</sup> In case of hedging specify the details like type of hedging, period of hedging, cost of hedging etc.

18 In case of foreign loans, provide details of exchange rate considered on date of each repayment of principal and date of interest payment.

19 At the time of truing up of rate of interest with relevant reset rate (if any) to be furnished separately.

20 At the time of truing up provide details of refinance of loan consider earlier. Details such as rate on which refinancing done, amount of refinance loans, terms & conditions of refinance loan, financing and other charges incurred for refinancing etc.

21 Call or put option, if any exercised by the generating company for refinancing of loan.

22 Copy of loan agreement.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

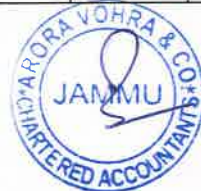
(M G Gokhale)  
General Manager (Comml.)

## Details of Allocation of corporate loans to various projects

Name of the Company  
Name of the Power StationNHPC LTD.  
CHUTAK POWER STATION

(Amount in lacs)

Particulars	Package 1	Package 2	Package 3	Package 4	Package 5	Package 6	Package 7	Package 8	Package 9	Package 10	Remarks
1	2	3	4	5	6	7	8	9	10	11	12
Source of Loan <sup>1</sup>	Q-SERIES BONDS	Corporation Bank*	State Bank of India-1000 Cr.**	R-1 SERIES BONDS	S-1 SERIES BONDS	X-SERIES BONDS	V SERIES BONDS	V2 SERIES BONDS	W1 - SERIES BONDS	W2 - SERIES BONDS	
Currency <sup>2</sup>	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	
Amount of Loan sanctioned	126600	50000	100000	8220	36500	150000	77500	147500	150000	75000	
Amount of Gross Loan drawn upto 31.03.2014/COD <sup>3,4,5,13,15</sup>	126600	50000	100000	8220	36500	150000	77500	147500	150000	75000	
Interest Type <sup>6</sup>	Fixed	Floating	Floating	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	
Fixed Interest Rate, if applicable	9.25%	NA	NA	8.70%	8.49%	8.65%	6.84%	7.52%	6.91%	7.35%	
Base Rate, if Floating Interest <sup>7</sup>	NA	MCLR with annual Reset 8.75%	MCLR with annual Reset 8.00%	N.A.	NA	NA	NA	NA	N.A.	N.A.	
Margin, if Floating Interest <sup>8</sup>	NA	Nil	0.25%	Nil	NA	NA	NA	NA	N.A.	N.A.	
Are there any Caps/Floor <sup>9</sup>	NA	NA	NA	N.A.	NA	NA	NA	NA	N.A.	N.A.	
If above is yes,specify caps/floor	NA	NA	NA	N.A.	NA	NA	NA	NA	N.A.	N.A.	
Moratorium Period <sup>10</sup>	4 YEARS	3 Years	3 Years & 3 Months	2 YEARS	1 YEARS	4 YEARS	1 Years	6 Years	1 YEARS	6 YEARS	
Moratorium effective from	12-03-2012	05-01-2012	28-03-2013	11-02-2013	26/11/2014	08-02-2019	24-01-2017	06-06-2017	15-09-2017	15-09-2017	
Repayment Period <sup>11</sup>	12 YEARS	12 Years	12 Years	12 YEARS	10 YEARS	7 YEARS	5 Years	10 Years	5 YEARS	5 YEARS	
Repayment effective from	12-03-2016	05-01-2015	27-06-2016	11-02-2015	26/11/2015	08-02-2023	24-01-2018	06-06-2023	15-09-2018	15-09-2023	
Repayment Frequency <sup>12</sup>	ANNUALLY	QUARTERLY	QUARTERLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	
Repayment Instalment <sup>13,14</sup>	10550.00	1041.67	2083.33	685	3650.00	21428.57	15500.00	29500.00	30000	15000	
Base Exchange Rate <sup>16</sup>	NA	NA	NA	N.A.	NA	N.A.	NA	NA	N.A.	N.A.	
Are Foreign currency hedged?	NA	NA	NA	N.A.	NA	N.A.	NA	NA	N.A.	N.A.	
If above is yes,specify details.17	NA	NA	NA	N.A.	NA	N.A.	NA	NA	N.A.	N.A.	
<b>Name of the Projects</b>											Total
Sewa-II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7227.50	0.00	7227.50
TLDP-III	4500.00	0.00	17000.00	4920.00	0.00	0.00	13083.33	9166.67	19262.42	8888.42	76820.84
Uri-II	6000.00	13200.00	15600.00	2904.00	26329.00	12943.00	31094.63	19251.87	9456.20	9837.77	146616.46
Subansiri Lower	86600.00	0.00	8000.00	0.00	0.00	0.00	0.00	26584.16	4793.34	5000.25	130977.75
Chamera-III	6000.00	24300.00	0.00	0.00	0.00	7465.00	10235.70	11377.80	0.00	0.00	59378.50
Parbati-III	9000.00	5973.00	10000.00	0.00	8302.00	0.00	21926.08	30466.42	9898.08	9372.53	104938.11
Nimmo-Bazgo	0.00	0.00	0.00	204.00	644.00	6122.00	259.87	288.75	4826.45	3857.57	16202.64
Parbati-II	14000.00	0.00	30400.00	0.00	0.00	47165.00	0.00	45701.67	78508.44	26181.14	241956.24
Chutak	500.00	88.00	358.00	192.00	1225.00	8758.00	33.00	36.67	2949.17	171.54	14311.37
Kishanganga	0.00	6439.00	142.00	0.00	0.00	2300.00	867.38	4626.00	1784.63	1447.12	17606.12
Teesta-V	0.00	0.00	0.00	0.00	0.00	5171.00	0.00	0.00	1860.00	0.00	7031.00
SOLAR POWER PROJECT	0.00	0.00	0.00	0.00	0.00	14421.00	0.00	0.00	0.00	0.00	14421.00
WIND POWER PROJECT	0.00	0.00	0.00	0.00	0.00	22809.00	0.00	0.00	0.00	0.00	22809.00
TLDP-IV	0.00	0.00	18500.00	0.00	0.00	22846.00	0.00	0.00	9433.79	10243.67	61023.45
Total	126600.00	50000.00	100000.00	8220.00	36500.00	150000.00	77500.00	147500.00	150000.00	75000.00	921320.00



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\* Loan from Corporation Bank has been replaced with V and V2 -Series Bonds on 06.06.2017.

\*\* Loan from SBI-1000 crore has been replaced with W1 and W2 -Series Bonds on 15.09.2017.

<sup>1</sup> Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.

<sup>2</sup> Currency refers to currency of loan such as US\$, DM, Yen, Indian Rupee etc.

<sup>3</sup> Details are to be submitted as on 31.03.2014 for existing assets and as on COD for the remaining assets.

<sup>4</sup> Where the loan has been refinanced, details in the Form is to be given for the loan refinanced. However, the details of the original loan is to be given separately in the same form.

<sup>5</sup> If the Tariff in the petition is claimed separately for various units, details in the Form is to be given separately for all the units in the same form.

<sup>6</sup> Interest type means whether the interest is fixed or floating.

<sup>7</sup> Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Documentary evidence for applicable base rate on different dates from the date of drawl may also be enclosed.

<sup>8</sup> Margin means the points over and above the floating rate.

<sup>9</sup> At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.

<sup>10</sup> Moratorium period refers to the period during which loan servicing liability is not required.

<sup>11</sup> Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

<sup>12</sup> Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, annual, etc.

<sup>13</sup> Where there is more than one drawal/repayment for a loan, the date & amount of each drawal/repayment and its allocation may also be given separately

<sup>14</sup> If the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be furnished separately.

<sup>15</sup> In case of Foreign loan, date of each drawal & repayment alongwith exchange rate at that date may be given with documentary evidence.

<sup>16</sup> Base exchange rate means the exchange rate prevailing as on 31.03.2014 for existing assets and as on COD for the remaining assets.

<sup>17</sup> In case of hedging specify the details like type of hedging, period of hedging, cost of hedging etc.

<sup>18</sup> In case of foreign loans, provide details of exchange rate considered on date of each repayment of principal and date of interest payment.

<sup>19</sup> At the time of truing up of rate of interest with relevant reset rate (if any) to be furnished separately.

<sup>20</sup> At the time of truing up provide details of refinance of loan consider earlier. Details such as rate on which refinancing done, amount of refinance loans, terms & conditions of refinance loan, financing and other charges incurred for refinancing etc.

<sup>21</sup> Call or put option, if any exercised by the generating company for refinancing of loan.

<sup>22</sup> Copy of loan agreement.

**For Arora Vohra & Co.  
Chartered Accountants**



**For NHPC Limited**

  
**(M G Gokhale)  
General Manager (Comml.)**

Annexure to Form 8

Name of the Company **NHPC Ltd.**  
 Name of the Power Station **CHUTAK POWER STATION**

Sl. No	Name of the FI/ Loan	Date of Disbursement	Amount of Drawl	Rate of interest on the Date of Drawl	Rate on Interest on the date of Reset	Date of reset	Rate on Interest on the date of Reset	Date of reset	Rate on Interest on the date of Reset	Date of reset	Rate on Interest on the date of Reset	Date of reset	Rate on Interest on the date of Reset	Date of reset	Rate on Interest on the date of Reset	Date of reset	Rate on Interest on the date of Reset	Date of reset	Rate on Interest on the date of Reset	Date of reset		
1	Corporation Bank	06.01.2012	88.00 88.00	10.65%	10.50%	01.05.2012	10.25%	06.02.2013	10.00%	01.06.2015	9.90%	24.08.2015	9.65%	08.10.2015	8.75%	01.04.2017						
2	State Bank of India	28.03.2013	358.00 358.00	10.19%	10.29%	19.09.2013	10.49%	07.11.2013	10.25%	01.08.2014	10.10%	10.04.2015	9.95%	08.06.2015	9.70%	24.09.2015	9.30%	05.10.2015	9.15%	20.06.2016	8.00%	20.06.2017
3	Q-Series Bonds	12.03.2012	500.00 500.00	9.25%																		
4	R1- SERIES BOND	11.02.2013	192.00 192.00	8.70%																		
5	S-1 Series Bonds	26.11.2014	1225.00 1225.00	8.49%																		
6	V SERIES BONDS	24.01.2017/0 6.06.2017	33.00 33.00	6.84%																		
7	V2 SERIES BONDS	06.06.2017	36.67 36.67	7.52%																		
8	W1 - SERIES BONDS	15.09.2017	2949.17 2949.17	6.91%																		
9	W2 - SERIES BONDS	15.09.2017	171.54 171.54	7.35%																		
10	X-SERIES BONDS	08.02.2019	8758.00 8758.00	8.65%																		
11	PFC Ltd.	24.03.2008	7000.00 7000.00	9.90%	10.17%	15.04.2014	7.80%	15.04.2017														
12	Subordinate Debt GOI	up to COD i.e 01.02.2013 10.02.2016 13.06.2016 14.07.2017 11.01.2018	36400.00 1936.00 14635.00 762.00 1742.00 55475.00	2.5% p.a. (interest not payable during construction period)																		
<b>TOTAL (1 to 12)</b>			<b>76786.37</b>																			

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

## Year wise Statement of Additional Capitalisation after COD

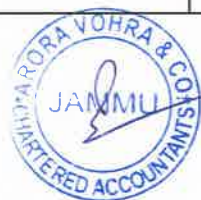
Name of the Petitioner : NHPC LTD  
 Name of the Generating Station : CHUTAK PS  
 COD 01 February 2013

Rs. In Lakhs

Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
<b>(A) ALLOWED DURING THE YEAR - 2014-15</b>									
1	410201	Construction of Concrete pavement on the approach road to Adit-II (From main Kargil-jhanskar road to	33.75		33.75		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.9.81Lacs) and 2017-18 (i.e. Rs.74.74 Lacs).	Rs.108.00 Lacs (Sl. No. 2 of 2014-15 of CERC Order dt. 29.03.2017)
2	410301	MISC CONCRETING AT ADIT-III WITH VT	6.15		6.15		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.9.81Lacs) and 2017-18 (i.e. Rs.74.74 Lacs).	
3	410306	STORE SHED ACQUIRED FROM BHEL	26.47		26.47		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	Rs.523.77 Lacs (Sl. No. 3 of 2014-15 of CERC Order dt. 29.03.2017)
4	410321	CONSTRUCTION OF FIELD HOSTEL-VI BUILDING	300.05	21.90	278.15		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.3.05 Lacs) and in 2018-19 (i.e. Rs.34.87 Lacs).	Rs.523.77 Lacs (Sl. No. 3 of 2014-15 of CERC Order dt. 29.03.2017)
5	410321	ELECTRIFICATION OF F.H.-VI AT CHUTAK POWER STATION	23.03		23.03		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.3.05 Lacs) and in 2018-19 (i.e. Rs.34.87 Lacs).	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
6	410601	DAMS AND BARRAGES-Provision made against Arbitration Award Pronounced in f/o M/s HCC on 31.12.14	378.98	371.41	7.57		Regulation 14(1)(iv).	M/s Hindustan Cons. Company(HCC) has constructed the major Civil Structure of Chutak Power Station which interalia includes Dam, HRT and Power House. During execution of contract, M/S HCC invoked arbitration in r/o 06 claims amounting to Rs. 222.47 crores based on the time extension granted by the NHPC. The entire case (6 claims) was sent to Arbitral Tribunal Committee. Arbitrator Tribunal (AT) pronounced (31.12.2014) the award in favour of M/s HCC for an amount of Rs. 98.82 crore plus simple interest @ 14 per cent per annum w.e.f. 12.04.2013 (date of filing the claim) till date of arbitration award and simple interest @ 18 per cent per annum after date of award. Subsequently, the Committee constituted by NHPC (17.01.2015) decided not to accept the award and to challenge the award in the next higher court. Accordingly, NHPC challenged the entire award before Hon'ble District Court Faridabad, Haryana on 30.03.2015 which is still under examination. However, Chutak PS created provisions of Rs.8.80crore (net of taxes) against arbitration award based on EIC assessment and balance award along with interest has been shown as contingent liability in the books of Chutak PS.	
7	410604	POWER TUNNELS AND PIPELINES-Prov. made against Arbitration Award Pronounced ifo M/s HCC on 31.12.14	503.41	493.35	10.06		Regulation 14(1)(iv).		
8	410607	TAILRACE TUNNELS-Provision made against Arbitration Award Pronounced in f/o M/s HCC on 31.12.14	14.74	14.45	0.29		Regulation 14(1)(iv).		
9	410608	DEICING/HEATING ARRANGEMENT ON COVER PLATES OF SPILWAY RADIAL GATE 1 & 2 OF BARRAGE	61.66		61.66		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.46.04 Lacs) .	Rs.299.09 Lacs (Sl. No. 4 of 2014-15 of CERC Order dt. 29.03.2017)
10	410608	SUPPLY, INSTL, COMMISSIONING OF BAKING VOL. CIRCUIT FOR RADIAL GATE NO-1	2.82		2.82		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.46.04 Lacs) .	
11	410608	CONST OF COVERING OVER RADIAL GATE 1 AT BARRAGE	14.25		14.25		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Expenditure exceeded during actual execution of work	Rs. 299.09 Lacs (Sl. No. 4 of 2014-



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
12	410608	CONSTRUCTION OF COVERING OVER RADIAL GATE NO.2 AT BARRAGE OF CHUTAK POWER STATION	11.04		11.04		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Expenditure exceeded during actual execution of work.	15 of CERC Order dt. 29.03.2017)
13	412801	PLAN TELEPHONE SET,1+1 WITH SPEAKER (8 Nos.)	0.3		0.3		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.4.28 Lacs) and in 2017-18 (i.e. 0.08 Lacs). Expenditure exceeded during actual execution of work	
14	412801	CORDLESS PHONE	0.03		0.03		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.4.28 Lacs) and in 2017-18 (i.e. 0.08 Lacs). Expenditure exceeded during actual execution of work.	
15	412801	DLINK WIRELESS MODEM (ASDL+ROUTER WITH SINGLE ANTENNA)	0.03		0.03		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.4.28 Lacs) and in 2017-18 (i.e. 0.08 Lacs). Expenditure exceeded during actual execution of work	
16	412801	CORDLESS PHONE	0.02		0.02		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.4.28 Lacs) and in 2017-18 (i.e. 0.08 Lacs). Expenditure exceeded during actual execution of work.	Rs.20.00 Lacs (Sl. No. 10 of 2014-15 of CERC Order dt. 29.03.2017)
17	412801	DLINK WIRELESS MODEM (ASDL+ROUTER WITH SINGLE ANTENNA)	0.02		0.02		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.4.28 Lacs) and in 2017-18 (i.e. 0.08 Lacs). Expenditure exceeded during actual execution of work.	
18	412801	DLINK WIRELESS MODEM (ADSL+ROUTER WITH SINGLE ANTENNA)	0.03		0.03		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.4.28 Lacs) and in 2017-18 (i.e. 0.08 Lacs). Expenditure exceeded during actual execution of work.	





Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
19	411002	PVC Insulated Industrial HV Copper Cable Received from RGGVY	0.86		0.86		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.4.28 Lacs) and in 2016-17 (i.e. 0.08 Lacs). Expenditure exceeded during actual execution of work.	
20	411903	802.11N INDOOR WIRELESS ACCESS POINT+POE	11.03		11.03		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	Rs.881.10 (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
21	410904	Laying HT lines alongwith substation at NHPC store, Minji	4.53		4.53		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	Rs.98.19 Lacs (Rs. 93.19 Lacs at Sl. No. 7 and Rs. 5.00 Lacs at Sl. No. 11 of 2014-15 of CERC Order dt. 29.03.2017)
22	410608	220V/110AH NI- CAD BATTERY ALONG WITH STANDERD ACCESSORIES	14.82	2.90	11.92		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.0.49 Lacs).	Rs.881.10 Lacs (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
23	411801	PERSONAL COMPUTER (DESKTOP) - (17 Nos.)	8.45		8.45		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2016-17 (i.e. Rs.7.00 Lacs) and in 2017-18 (i.e. 4.19 Lacs).	
24	411801	ACER ASPIRE NETBOOK E15 PROCESSOR INTEL CELLERON DUAL CORE 2GB RAM 500 GB HDD WINDOWS 8.1 PRELOADED (19 Nos.)	4.8		4.8		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2016-17 (i.e. Rs.7.00 Lacs) and in 2017-18 (i.e. 4.19 Lacs).	
25	411801	HP LASERJET PRO M175A/NW COLOUR MULTIFUNCTIONAL PRINTER (2 Nos.)	0.34		0.34		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2016-17 (i.e. Rs.7.00 Lacs) and in 2017-18 (i.e. 4.19 Lacs).	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
26	411801	18.5 HP MAKE TFT MONITOR (2 Nos.)	0.17		0.17		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2016-17 (i.e. Rs.7.00 Lacs) and in 2017-18 (i.e. 4.19 Lacs).	Rs.20.00 (Sl. No. 9 of 2014-15 of CERC Order dt. 29.03.2017)
27	411803	HP LASER JET ALL IN ONE PRINTER, M1536DNF (6 Nos.)	1.13		1.13		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2016-17 (i.e. Rs.7.00 Lacs) and in 2017-18 (i.e. 4.19 Lacs).	
28	411806	LAN SWITCH, 16 PORT (3 Nos.)	0.69		0.69		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2016-17 (i.e. Rs.7.00 Lacs) and in 2017-18 (i.e. 4.19 Lacs).	
29	411806	24 PORT SWITCH (CISCO 2960G)	0.96		0.96		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2016-17 (i.e. Rs.7.00 Lacs) and in 2017-18 (i.e. 4.19 Lacs).	
30	412020	OIL FILLED ROOM HEATER, 11 FING, 230VOLT (45 Nos.)	3.97		3.97		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2016-17 (i.e. Rs.7.00 Lacs) and in 2017-18 (i.e. 4.19 Lacs).	
31	411902	SIEMENS HIPATH EPABX SYSTEM, MODEL-3800	13.1		13.1		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred (i.e. Rs.1.04 Lacs) in 2018-19	Rs.881.10 (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
32	411902	MEDIA CONVERTOR 10/100 MBPS (3 Nos.)	0.31		0.31		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred (i.e. Rs.1.04 Lacs) in 2018-19	
33	411903	SUPPLY AND INSTALLATION OF EPBAX SYSTEM	19.5	11.17	8.33		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred (i.e. Rs.1.04 Lacs) in 2018-19	
34	411903	INTERCONNECTION OF CABLING OF EPBAX SYSTEM	12.04		12.04		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred (i.e. Rs.1.04 Lacs) in 2018-19	
35	411804	UPS 1 KVA OFFLINE (2 Nos.)	0.12		0.12		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred (i.e. Rs.4.08 Lacs) in 2016-17	Rs.20.00 (Sl. No. 9 of 2014-15 of CERC Order dt. 29.03.2017)
36	411804	10KVA ONLINE UPS (3-PHASE) ALONGWITH BATTERIES & RACK (2 HOURS BACKUP), EMERSON MAKE	4.96		4.96		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred (i.e. Rs.4.08 Lacs) in 2016-17	



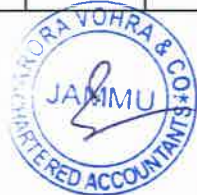
Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
37	411804	UPS 1 KVA OFFLINE (13 Nos.)	0.66		0.66		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred (i.e. Rs.4.08 Lacs) in 2016-17	29.03.2017)
38	411701	ZURINA BEDSIDE TABLE (58 Nos.)	3.26		3.26		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	Rs.30.00 Lacs (Sl. No. 8 of 2014-15 of CERC Order dt. 29.03.2017)
39	411701	ZURINA KING BED (GODREJ MAKE) (12 Nos.)	3.94		3.94		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
40	411701	SOFA PORTO 2ST IN SXN LTH (GODREJ MAKE) (19 Nos.)	3.68		3.68		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
41	411701	SOFA PORTO 3ST IN SXN LTH (GODREJ MAKE) (5 Nos.)	1.15		1.15		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
42	411701	STEEL RACK THREE SHELF OF SIZE 900MMX600MMX600MM ( 40 Nos.)	5.89		5.89		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
43	411707	BED ROOM EASY CHAIR WITH ARM WITH TOP CUSHIONS WITH COVER CLOTH (48 Nos.)	2.49		2.49		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
44	411707	WARD ROBE WOODEN 2 DOOR.FULL SIZE (24 Nos.)	5.27		5.27		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
45	411707	WOODEN CENTRE TABLE ( SIZE 4 X 2 X1.5 FEET) WITH GLASS TOP (24 Nos.)	2.34		2.34		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
46	411707	WOODEN STUDY TABLE AND CHAIR (24 Nos.)	2.39		2.39		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
47	411707	ZURINA KING BED (GODREJ MAKE) (17 Nos.)	5.58		5.58		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
48	412801	PVC CUSHIONED CHAIR (SUPREME ORNATE) ( 20 Nos.)	0.39		0.39		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
49	412801	FOLDING DINING TABLE 6'X3' (2 Nos.)	0.03		0.03		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
50	411701	CHAIR PCH9101R	0.14		0.14		Regulation 14(1)(ii).	Within original scope of work under Revised Cost Estimate. Item received from other locations	
51	411701	TABLE W7-718 ERV	0.26		0.26		Regulation 14(1)(ii).	Within original scope of work under Revised Cost Estimate. Item received from other locations	
52	411701	GODREJ TABLE	0.07		0.07		Regulation 14(1)(ii).	Within original scope of work under Revised Cost Estimate. Item received from other locations	
53	411701	GODREJ TABLE	0.07		0.07		Regulation 14(1)(ii).	Within original scope of work under Revised Cost Estimate. Item received from other locations	
54	411707	HARD WOOD DOUBLE BED (2 Nos.)	0.14		0.14		Regulation 14(1)(ii).	Within original scope of work under Revised Cost Estimate. Item received from other locations	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
55	412501	TATA SKY WITH 4 SET TOP BOXES/CONNECTIONS AND ACCESSORIES	0.23				Regulation 14(1)(ii).	Within Original Scope under revised cost estimate, Balance Exp. Partially incurred in 2015-16 (i.e. Rs.1.48 Lacs) and in 2016-17 (i.e. Rs.1.28 Lacs) and in 2017-18 (i.e. Rs.0.08 Lacs).	Rs.4.00 (Sl. No. 14 of 2014-15 of CERC Order dt. 29.03.2017)
56	412801	MICRO AUTOMATIC STABILIZER MODEL NO. MA-3L1KVA	0.05				Regulation 14(1)(ii).	Within Original Scope under revised cost estimate, Balance Exp. Partially incurred in 2015-16 (i.e. Rs.1.48 Lacs) and in 2016-17 (i.e. Rs.1.28 Lacs) and in 2017-18 (i.e. Rs.0.08 Lacs).	
57	412801	MICRO AUTOMATIC STABILIZER MODEL NO. MA-3L1KVA	0.05				Regulation 14(1)(ii).	Within Original Scope under revised cost estimate, Balance Exp. Partially incurred in 2015-16 (i.e. Rs.1.48 Lacs) and in 2016-17 (i.e. Rs.1.28 Lacs) and in 2017-18 (i.e. Rs.0.08 Lacs).	
58	412801	MEGA PHONE -25 WATTS, Make: AHUJA-PM99	0.03				Regulation 14(1)(ii).	Within Original Scope under revised cost estimate, Balance Exp. Partially incurred in 2015-16 (i.e. Rs.1.48 Lacs) and in 2016-17 (i.e. Rs.1.28 Lacs) and in 2017-18 (i.e. Rs.0.08 Lacs).	
59	412801	PA MEGAPHONES, 20W (MAX.) SHOULDER SLING TYPE, VOICE RANGE ? 0.4 KM, AHUJA, AM-20H	0.03				Regulation 14(1)(ii).	Within Original Scope under revised cost estimate, Balance Exp. Partially incurred in 2015-16 (i.e. Rs.1.48 Lacs) and in 2016-17 (i.e. Rs.1.28 Lacs) and in 2017-18 (i.e. Rs.0.08 Lacs).	
60	412801	TATA SKY (DTH SERVICES) HD SET TOP BOX WITH DIGI COMP HARDWARE (PARENT)	0.02				Regulation 14(1)(ii).	Within Original Scope under revised cost estimate, Balance Exp. Partially incurred in 2015-16 (i.e. Rs.1.48 Lacs) and in 2016-17 (i.e. Rs.1.28 Lacs) and in 2017-18 (i.e. Rs.0.08 Lacs).	
61	412801	TATA SKY (DTH SERVICES) HD SET TOP BOX WITH DIGI COMP HARDWARE (PARENT) ( 5 Nos.)	0.12				Regulation 14(1)(ii).	Within Original Scope under revised cost estimate, Balance Exp. Partially incurred in 2015-16 (i.e. Rs.1.48 Lacs) and in 2016-17 (i.e. Rs.1.28 Lacs) and in 2017-18 (i.e. Rs.0.08 Lacs).	
62	412801	TATA SKY (DTH SERVICES) HD SET TOP BOX WITH DIGI COMP HARDWARE (PARENT)	0.02				Regulation 14(1)(ii).	Within Original Scope under revised cost estimate, Balance Exp. Partially incurred in 2015-16 (i.e. Rs.1.48 Lacs) and in 2016-17 (i.e. Rs.1.28 Lacs) and in 2017-18 (i.e. Rs.0.08 Lacs).	
63	412801	TATA SKY (DTH SERVICES) HD SET TOP BOX WITH DIGI COMP HARDWARE (PARENT) (20 Nos.)	0.44				Regulation 14(1)(ii).	Within Original Scope under revised cost estimate, Balance Exp. Partially incurred in 2015-16 (i.e. Rs.1.48 Lacs) and in 2016-17 (i.e. Rs.1.28 Lacs) and in 2017-18 (i.e. Rs.0.08 Lacs).	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
64	412801	TATA SKY (DTH SERVICES) HD SET TOP BOX WITH DIGI COMP HARDWARE (PARENT)	0.02		0.02		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate, Balance Exp. Partially incurred in 2015-16 (i.e. Rs.1.48 Lacs) and in 2016-17 (i.e. Rs.1.28 Lacs) and in 2017-18 (i.e. Rs.0.08 Lacs).	
65	412801	MONOBLOCK PUMP,SINGLE PHASE,0.5 HP	0.04		0.04		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate, Balance Exp. Partially incurred in 2015-16 (i.e. Rs.1.48 Lacs) and in 2016-17 (i.e. Rs.1.28 Lacs) and in 2017-18 (i.e. Rs.0.08 Lacs).	
66	412801	CHAIR CH 7B	0.02		0.02		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate, Balance Exp. Partially incurred in 2015-16 (i.e. Rs.1.48 Lacs) and in 2016-17 (i.e. Rs.1.28 Lacs) and in 2017-18 (i.e. Rs.0.08 Lacs).	
67	412801	CHAIR CUSHIONED (TB)	0.02		0.02		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate, Balance Exp. Partially incurred in 2015-16 (i.e. Rs.1.48 Lacs) and in 2016-17 (i.e. Rs.1.28 Lacs) and in 2017-18 (i.e. Rs.0.08 Lacs).	
68	411806	CYBEROAM CR50IA APPLIANCE	0.51		0.51		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	Rs.3.00 (Sl. No. 12 of 2014-15 of CERC Order dt. 29.03.2017)
69	412501	SAMSUNG LED 40 TV FULL HD MODEL NO. 40F5000	0.55		0.55		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
70	412014	LED TV 23", SAMSUNG MAKE (3 Nos.)	0.45		0.45		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.0.80 Lacs) and in 2016-17 (i.e. Rs.2.33 Lacs) and in 2017-18 (i.e. Rs.7.53 Lacs).	Rs.183.00 (Sl. No. 13 of 2014-15 of CERC Order dt. 29.03.2017)
71	412501	SAMSUNG LED 40 TV FULL HD MODEL NO. 40F5000 (4 Nos.)	2.21		2.21		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance Exp. partially incurred in 2015-16 (i.e. Rs.0.80 Lacs) and in 2016-17 (i.e. Rs.2.33 Lacs) and in 2017-18 (i.e. Rs.7.53 Lacs).	
72	412503	GRINDER AG-5	0.07		0.07		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
73	412503	GAS STOVE (4 BURNERS)	0.06		0.06		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
74	412503	ELECTRIC CHIMNY 1200 CUM/HR	0.23		0.23		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
75	412503	BLUE STAR WATER DISPENSAR WITH STAND AND HAVING HOT, COLD & NORMAL FUNCTIONS	0.1		0.1		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
76	412503	GYSER 25 LTR. CAPACITY ( 2 Nos.)	0.19		0.19		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	



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			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
77	412505	REFRIGERATOR 192 LITRES (SAMSUNG), MODEL- RR1915TCARX/TL ( 2 Nos.)	0.25		0.25		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	Rs.183.00 (Sl. No. 13 of 2014-15 of CERC Order dt. 29.03.2017)
78	412505	DEEP FREEZER 500 LTRS(SINGLE DOOR), BLUE STAR, MODEL NO: CHF-500A ( 2 Nos.)	0.68		0.68		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
79	412801	GAS BHATTI SINGLE BURNER HEAVY DUTY ( 2 Nos.)	0.03		0.03		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
80	412801	ELECTRIC KETTLE STAINLESS STEEL ( 2 Nos.)	0.04		0.04		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
81	412801	TOSTER 4 SLIDER MAKE: MURPHY RECHARDS MODEL: EUROPA 4 SLICE	0.03		0.03		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
82	412801	WATER FILTER (PUREIT)HINDUSTAN UNILEVER, MODEL : PUREIT (6 Nos.)	0.08		0.08		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
83	411707	WATER PURIFIER WP3890	0.07		0.07		Regulation 14(1)(ii).	Within original scope of work under Revised Cost Estimate. Item received from other locations	
84	412007	MICROWAVE OVEN	0.06		0.06		Regulation 14(1)(ii).	Within original scope of work under Revised Cost Estimate. Item received from other locations	
85	412007	MOBILE GAS HEATER	0.21		0.21		Regulation 14(1)(ii).	Within original scope of work under Revised Cost Estimate. Item received from other locations	
86	412007	EUROCLEAN VACCUM CLEANER	0.1		0.1		Regulation 14(1)(ii).	Within original scope of work under Revised Cost Estimate. Item received from other locations	
87	412007	SAMSUNG WASHING MACHINE 6.2KG MODEL NO WT 8204EG	0.07		0.07		Regulation 14(1)(ii).	Within original scope of work under Revised Cost Estimate. Item received from other locations	
88	412007	WASHING MACHINE	0.26		0.26		Regulation 14(1)(ii).	Within original scope of work under Revised Cost Estimate. Item received from other locations	
89	412007	MAXI DRYER	0.17		0.17		Regulation 14(1)(ii).	Within original scope of work under Revised Cost Estimate. Item received from other locations	
90	412801	GAS CHULLA	0.02		0.02		Regulation 14(1)(ii).	Within original scope of work under Revised Cost Estimate. Item received from other locations	
91	411701	TILTABLE TOWER LADDER, HEIGHT 60 FEET (2 Nos.)	6.3		6.3		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance exp. partially incurred in 2016-17(i.e. Rs.1.67 Lacs).	Rs.183.00 (Sl. No. 13 of 2014-15 of CERC Order dt. 29.03.2017)
92	412020	PAPER SHREDDER MACHINE, STEDFAST MAKE, MODEL NO. CC-014 (2 Nos.)	0.11		0.11		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	Rs.183.00 (Sl. No. 13 of 2014-15 of CERC Order



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Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
93	412801	NEEDLE AND SYRINGE CUTTER/DESTROYER ELECTRIC	0.03		0.03		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	15 of CERC Order dt. 29.03.2017)
94	410905	HIGH MAST LIGHTING, LENGTH 20 METER	26.5	6.08	20.42		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Balance exp. partially incurred in 2015-16 (i.e. Rs.15.2 Lacs).	Rs.881.10 Lacs (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
95	410904	DIST. TRANSFORMER 630KVA,11/0.415KV,50HZ,3-PHASE,OUTDOOR TYPE,DYN-11,COOLING-ONAN REF:- IS:2026/1977	5.58		5.58		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate, Balance exp. Partially incurred in 2015-16 (i.e. Rs.15.21 Lacs) and in 2016-17 (i.e. Rs.1.20 Lacs) and in 2018-19 (i.e. Rs.3.72 Lacs).	Rs.881.10 (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
96	410904	METERING CUBICAL WITH TRIVECTOR METER,CT & PT FOR 250KVA SUBSTATION, METER, L&T, ER300P SERIES	1.46		1.46		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
97	410904	METERING CUBICAL WITH TRIVECTOR METER,CT & PT FOR 250KVA SUBSTATION, METER, L&T, ER300P SERIES	1.57		1.57		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
98	410904	DIST. TRANSFORMER 630KVA,11/0.415KV,50HZ,3-PHASE,OUTDOOR TYPE,DYN-11,COOLING-ONAN REF:- IS:2026/1977	5.58		5.58		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
99	410904	3 CORE 11 KV XLPE CABLE( adj of advance given)	6.15		6.15		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
100	410904	ERECTION OF 11KV LINE FROM ADIT-III TO NHPC OFFICE( adj of advance given)	2.03		2.03		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
101	411002	225KVA DG SET ALONGWITH STANDARD ACCESSORIES, ENGINE CUMMINS, C225D5P, ALTERNATOR STAMFORD (CGT)	16.7		16.7		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
102	411508	TRUCK LPT 1613 (TATA)	12.19		12.19		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	Rs.145.00 Lacs (Sl. No. 6 of 2014-15 of CERC Order dt. 29.03.2017)
124	410604	POWER TUNNELS AND PIPELINES-Enhancement of Provision for EMP (CAT/ENV.) expenses.	59.38		59.38		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
125	410607	TAILRACE TUNNELS-Enhancement of Provision for EMP (CAT/ENV.) expenses.			1.74		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	



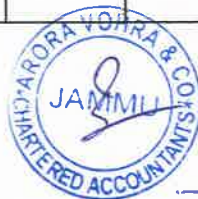
Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
126	410608	HYDROMECHANICAL WORKS-DAMS AND BARRAGES-Enhancement of Provision for EMP (CAT/ENV.) expenses.	6.01		6.01		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	Rs.248.35 (Sl. No. 15 of 2014-15 of CERC Order dt. 29.03.2017)
127	410301	BUILDING CONTAINING HYDRO ELECTRIC GENERATING PLANT(Enhancement of Provision for EMP (CAT/ENV.)	26.8		26.8		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
128	410601	DAMS AND BARRAGES-Enhancement of Provision for EMP (CAT/ENV.) expenses.	44.81		44.81		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
129	410610	HYDROMECHANICAL WORKS-TUNNELS AND CANALS-Enhancement of Provision for EMP (CAT/ENV.) expenses.	2.88		2.88		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
130	410611	HYDROMECHANICAL WORKS-TAIL RACE INCLUDING DRAFT TUBE GATES-Enhancement of Provision for EMP (CAT/ENV.) expenses.	0.63		0.63		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
131	410701	MAIN GENERATING EQUIPMENT-Enhancement of Provision for EMP (CAT/ENV.) expenses.	44.55		44.55		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
132	410702	GENERATOR STEP UP TRANSFORMER-Enhancement of Provision for EMP (CAT/ENV.) expenses.	2.85		2.85		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
133	410703	OTHER POWER PLANT TRANSFORMER-Enhancement of Provision for EMP (CAT/ENV.) expenses.	1.91		1.91		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
134	410704	COOLING WATER SYSTEMS-Enhancement of Provision for EMP (CAT/ENV.) expenses.	0.46		0.46		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
135	410705	EHV SWITCHGEAR SYSTEMS-Enhancement of Provision for EMP (CAT/ENV.) expenses.	1.04		1.04		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
136	410707	DC SYSTEMS/BATTERY SYSTEMS-Enhancement of Provision for EMP (CAT/ENV.) expenses.	0.89		0.89		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
137	410708	POWER AND CONTROL CABLES-Enhancement of Provision for EMP (CAT/ENV.) expenses.	2.59		2.59		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
138	410709	AIR CONDITIONING AND VENTILATION SYSTEMS-Enhancement of Provision for EMP (CAT/ENV.) expenses.	0.07		0.07		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
139	410710	POWER LINE CARRIER COMMUNICATION SYSTEMS-Enhancement of Provision for EMP (CAT/ENV.) expenses.	0.18		0.18		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	



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Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
140	410711	CONTROL, METERING AND PROTECTION SYSTEM-Enhancement of Provision for EMP (CAT/ENV.) expenses.	7.25		7.25		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
141	410712	AUXILLIARY AND ANCILLIARY SYSTEMS-Enhancement of Provision for EMP (CAT/ENV.) expenses.	1.73		1.73		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
142	410713	MISCELLANEOUS POWER PLANT EQUIPMENTS-Enhancement of Provision for EMP (CAT/ENV.) expenses.	4.22		4.22		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
143	410111	FENCING OF SHANKU LAND WITH RRM WALL AND CONCERTINA COIL AT C.P.S. KARGIL	23.04		23.04		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	Rs.32.00 (Sl. No. 1 of 2014-15 of CERC Order dt. 29.03.2017)
		<b>SUB-TOTAL (A)</b>	<b>1,841.07</b>	<b>921.26</b>	<b>919.81</b>	<b>-</b>			
		<b>( B ) ALLOWED DURING PREVIOUS YEAR/SEBSEQUENT YEARS</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>			
		<b>SUB-TOTAL (B)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>			
		<b>(C) NOT APPROVED BUT EXECUTED BASED ON SITE SPESIFIC REQUIREMENTS</b>							
144	410111	LAND AT MINJI GOUND-CONST OF APPROACH ROAD TO POWER HOUSE	22.25		22.25		Regulation 14(3)(viii).	This land was essentially required for construction of road for better connectivity with Power house . Moreover, Kargil is difficult hilly terrain and mountains are fargile and keep siliding . Therefore this additional land was required to construct safe road to Power house.	
145	411112	SUBMERSIBLE PUMP 50HP/37KW POWER (35KW-38KW) WITH STARTER :ABS MODEL J405HD50HZ	16.29		16.29		Regulation 14(3)(viii).	Chutak Power Station is a under ground powerhouse. There is lot of leakage and seepage inside the powerhouse and the leakage and seepage water goes to the drainage and dewatering sump. To avoid submergence of powerhouse the water collected in the drainage and dewatering sump is pumped outside the powerhouse. Some time when the water level increases in the sump the additional pumps are required to control the sump level. Hence the purchase was done.	



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			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
146	411201	SUB. DRAINAGE/DEWATERING PUMP, 10 METRE CABLE 5.6KW, HEAD 20M, DIS. 960 LPM, 2895 RPM,BS 2640.180 W	6.17		6.17		Regulation 14(3)(viii).	Chutak Power Sation is a under ground powerhouse. There is lot of leakage and seepage inside the powerhouse and the leakage and seepage water goes to the drainage and dewatering sump. To avoid submergence of powerhouse the water collected in the drainage and dewatering sump is pumped outside the powerhouse. Some time when the water level increases in the sump the additional pumps are required to control the sump level. Hence the purchase was done.	
147	412503	POOL TABLE, SHARMA BILLIARDS	1.2		1.2		Regulation 14(3)(viii).	Provided to employee as recreation facility in extreme climatic conditions as initial equipping of health club	
148	412503	TABLE TENNIS BOARD, MAKE: STAG, MODEL: CLUB	0.34		0.34		Regulation 14(3)(viii).	Essentially required for physical fitness of employee as outdoor activity cannot be performed due to adverse climatic condition. Purchase has been made as initial equipping of health club on the recommendation of	
149	412503	FOUR STATION MULTIGYM, ANAND GYMNASSTICS MAKE	0.79		0.79		Regulation 14(3)(viii).	Essentially required for physical fitness of employee as outdoor activity cannot be performed due to adverse climatic condition. Purchase has been made as initial equipping of health club on the recommendation of Doctors.	
150	412503	MAGNETIC BIKE, MAX SPORTS MAKE (2 Nos.)	0.53		0.53		Regulation 14(3)(viii).	Essentially required for physical fitness of employee as outdoor activity cannot be performed due to adverse climatic condition. Purchase has been made as initial equipping of health club on the recommendation of Doctors.	
151	412503	MOTORISED TREADMILL, MAX SPORTS MAKE (2 Nos.)	1.1		1.1		Regulation 14(3)(viii).	Essentially required for physical fitness of employee as outdoor activity cannot be performed due to adverse climatic condition. Purchase has been made as initial equipping of health club on the recommendation of Doctors.	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
152	411002	25 KVA DG SET KIRLOSKAR MAKE Received from RGGVY	3.49		3.49		Regulation 14(3)(viii).	Due to absence of national grid generating units of Chutak Power Sation runs in isolation mode and feeds power to the local load of Kargil town. When the generating units of trip there will be no external supply to feed the installations at Barrage .Hence 25 KVA DG was received from RGGVY to provide emergency power supply to Barrage.	
		<b>SUB-TOTAL (C)</b>	<b>52.16</b>	<b>-</b>	<b>52.16</b>	<b>-</b>			
		<b>GRAND TOTAL (A+B+C)</b>	<b>1,893.23</b>	<b>921.26</b>	<b>971.97</b>	<b>-</b>			

1. In case the project has been completed and cost has already been admitted under any tariff notification(s) in the past, fill column 10 giving the cost as admitted for the purpose of tariff notification already issued by (Name of the authority) (Enclose copy of the tariff Order).
2. The above information needs to be furnished separately for each year / period of tariff period 2014-19.
3. In case of de-capitalisation of assets separate details to be furnished at column 1, 2, 3 and 4. Further, the original book value and year of capitalisation of such asset to be furnished at column 8. Where de-caps are on estimated basis the same to be shown separately.
4. Where any asset is rendered unserviceable the same shall be treated as de-capitalised during that year and original value of such asset to be shown at col. 3. And impaired value if any, year of its capitalisation to be mentioned at column 8.
5. Justification against each asset of capitalization should be specific to regulations under which claim has been made and the necessity of capitalization of that particular asset.

**Note:**

1. Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries.
2. In case initial spares are purchased along with any equipment, then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

**For Arora Vohra & Co.  
Chartered Accountants**



**For NHPC Limited**

  
**(M G Gokhale)  
General Manager (Comml.)**

## Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner : NHPC LTD

Name of the Generating Station : CHUTAK PS

COD : 01 February 2013

Rs. In Lakhs

Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
		(A) ALLOWED DURING THE YEAR - 2015-16							
1	410201	Balance approach road from Children park to Enterance of store at Switch yard	26.03		26.03		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement, Balance exp. partially incurred in 2016-17 (i.e. Rs.21.35 Lacs) and in 2018-19 (i.e. Rs.37.99 Lacs).	
2	410201	c/o Remaining Road Patch at Surge Shaft & Adit-II road	13.34		13.34		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement, Balance exp. partially incurred in 2016-17 (i.e. Rs.21.35 Lacs) and in 2018-19 (i.e. Rs.37.99 Lacs).	
3	410201	c/o Conc. Road inside our Central Store	15.62		15.62		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement, Balance exp. partially incurred in 2016-17 (i.e. Rs.21.35 Lacs) and in 2018-19 (i.e. Rs.37.99 Lacs).	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
4	410201	c/o LEFT BANK APPROACH ROAD TO BARRAGE	54.02	7.73	46.29		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement, Balance exp. partially incurred in 2016-17 (i.e. Rs.21.35 Lacs) and in 2018-19 (i.e. Rs.37.99 Lacs).	Rs.100.00 (Sl. No. 1 of 2015-16 of CERC Order dt. 29.03.2017)
5	410201	c/o RETAINING WALL ALONG HILL SIDE FOR SLOPE PROTECTION AT APPROACH ROAD TO ADIT-III	16.85		16.85		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement, Balance exp. partially incurred in 2016-17 (i.e. Rs.21.35 Lacs) and in 2018-19 (i.e. Rs.37.99 Lacs).	
6	410601	Protection of Left bank/right bank D/s of Barrage Bays W-37	25.22		25.22		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement, Balance exp. partially incurred in 2016-17 (i.e. Rs.21.35 Lacs) and in 2018-19 (i.e. Rs.37.99 Lacs).	
7	410601	PROVIDING CHAIN LINK FENCING AROUND INTAKE STRUCTURE AT BARRAGE TOP FOR SAFETY	25.59		25.59		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement, Balance exp. partially incurred in 2016-17 (i.e. Rs.21.35 Lacs) and in 2018-19 (i.e. Rs.37.99 Lacs).	
8	410201	Toe Protection of slope protection of land in between newly constructed approach road to switchyard	2.86		2.86		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.4.92 Lacs) and in 2017-18 (i.e. Rs.22.22 Lacs) and in 2018-19 (i.e. Rs.19.72 Lacs).	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
9	410301	C/o Misc. Const. Works at Electrical Store at Power House sub. Cont. 122/000402	1.36		1.36		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.4.92 Lacs) and in 2017-18 (i.e. Rs.22.22 Lacs) and in 2018-19 (i.e. Rs.19.72 Lacs).	
10	410301	C/o Electrical Store at Power House sub. Cont. 122/000405	1.57		1.57		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.4.92 Lacs) and in 2017-18 (i.e. Rs.22.22 Lacs) and in 2018-19 (i.e. Rs.19.72 Lacs).	
11	410301	C/o water proof roof over electric pannel at surge shaft gate sub cont 122/000440	2.91		2.91		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.4.92 Lacs) and in 2017-18 (i.e. Rs.22.22 Lacs) and in 2018-19 (i.e. Rs.19.72 Lacs).	
12	410301	C/o water proof roof over 11KVA Pannel Near Transformer Cavem at P/H 122/000441	2.93		2.93		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.4.92 Lacs) and in 2017-18 (i.e. Rs.22.22 Lacs) and in 2018-19 (i.e. Rs.19.72 Lacs).	
13	410301	Consolidation Grouting in APSB of Power Station sub. Cont. 122/000462	49.79		49.79		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.4.92 Lacs) and in 2017-18 (i.e. Rs.22.22 Lacs) and in 2018-19 (i.e. Rs.19.72 Lacs).	Rs.108.17 (Sl. No. 2 of 2015-16)



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
14	410302	c/o Shed over a stored material for E&M works in open space at Central Store Campus 122/000426	2.89		2.89		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.4.92 Lacs) and in 2017-18 (i.e. Rs.22.22 Lacs) and in 2018-19 (i.e. Rs.19.72 Lacs).	of CERC Order dt. 29.03.2017)
15	410302	c/o Shed over a stored material for E&M works in open space at Central Store Campus 122/000427	2.14		2.14		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.4.92 Lacs) and in 2017-18 (i.e. Rs.22.22 Lacs) and in 2018-19 (i.e. Rs.19.72 Lacs).	
16	410306	c/o STORE ROOM AT BARRAGE	8.49	0.55	7.94		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.4.92 Lacs) and in 2017-18 (i.e. Rs.22.22 Lacs) and in 2018-19 (i.e. Rs.19.72 Lacs).	
17	410306	c/o STORE ROOM & DEICING PANEL ROOM ON BARRAGE PEIR	6.54		6.54		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.4.92 Lacs) and in 2017-18 (i.e. Rs.22.22 Lacs) and in 2018-19 (i.e. Rs.19.72 Lacs).	
18	410328	c/o CGI SHEET FENCING OF BHEL STORE	23.02		23.02		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.4.92 Lacs) and in 2017-18 (i.e. Rs.22.22 Lacs) and in 2018-19 (i.e. Rs.19.72 Lacs).	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
19	410601	c/o Two Nos. rooms for installation of accelerograph at barrage/inside of adit sub.cont. 122/000437	2.85		2.85		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.4.92 Lacs) and in 2017-18 (i.e. Rs.22.22 Lacs) and in 2018-19 (i.e. Rs.19.72 Lacs).	
20	410302	c/o Protection Work behind the workshop at Switch Yard	2.83		2.83		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement	
21	410306	C/o Side Drain around the newly const. Workshop at Switchyard	2.84		2.84		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement	Rs.108.17 (Sl. No. 2 of 2015-16 of CERC Order dt. 29.03.2017)
22	410306	c/o Workshop near Central Store	56.6	10.70	45.9		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement	
23	410601	C/O MECH. WORKSHOP NEAR SWITCH YARD	52.6	0.50	52.1		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement	
24	410328	c/o Battery room for Solar Power Plant (65Kwp)	21.68		21.68		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement	Rs. 165.00 (Sl. No. 3 of 2015-16 of CERC Order dt. 29.03.2017)
25	410608	OFFGRID (HYBRID) SOLAR POWER PLANT OF CAPACITY 65 KWP COMPLETE IN ALL RESPECT	119.85	11.69	108.16		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement	
26	410714	FIXED BOTTOM LABYRINTH ( UNCOATED), DRAWING NO 32030117314(REV-01),VARIANT-01,ASSEMBLY DRG.NO.020301	15.39		15.39		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Initial Spares purchased within ceiling limit as specified in CERC Tariff Regulations'2009. Expenditure increased as per site requirement	Rs.1196.45 (Sl. No. 4 of 2015-16 of CERC Order dt. 29.03.2017)





Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
27	410714	BRAKE & JACK ASSEMBLY,DRAWING NO 12570827603,ITEM NO. 1 (4 Nos.)	6.79		6.79		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Initial Spares purchased within ceiling limit as specified in CERC Tariff Regulations'2009.	Rs.1196.45 (Sl. No. 4 of 2015-16 of CERC Order dt. 29.03.2017)
28	410704	COOLING WATER SYSTEMS	0.23		0.23		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	Rs. 1196.45 (Sl. No. 4 of 2015-16 of CERC Order dt. 29.03.2017)
29	411201	c/o water supply system for arrangement for cooling water system of machine at PH	2.94		2.94		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
30	410713	AUTOMATIC TEMP. CONTROL PANEL FOR INSTALLATION WITH AUTOMATIC HEAT CONTROL OF THERMAL LAGGING	4.07		4.07		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	Rs.1196.45 (Sl. No. 4 of 2015-16 of CERC Order dt. 29.03.2017)
31	410703	OTHER POWER PLANT TRANSFORMER	0		0		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement	
32	410703	OTHER POWER PLANT TRANSFORMER	0.82		0.82		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
33	410703	OTHER POWER PLANT TRANSFORMER	0.25		0.25		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement	
34	410714	DIGITAL CARD, MDL692.30.I351AMAXREF:IOP351 (4 Nos.)	2.63		2.63		Regulation 14(1)(ii).		
35	410714	DIGITAL CARD, DIGITAL CARD, MDL69229S912AAWG+AVL	0.74		0.74		Regulation 14(1)(ii).		
36	410714	DIGITAL CARD, POTENTIALSEPERATINGSTAGECE69136570UN0099A	0.91		0.91		Regulation 14(1)(ii).		



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
37	410714	DIGITAL CARD, PULSEFINALSTAGEASSY.CE69138930UN0097A	1.16		1.16		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Initial Spares purchased within ceiling limit as specified in CERC Tariff Regulations'2009. Expenditure increased as per site requirement	Rs.1196.45 (Sl. No. 4 of 2015-16 of CERC Order dt. 29.03.2017)
38	410714	DIGITAL CARD, COMMANDINPUTMODULE69203YB1AAUNS2661AV1	1.54		1.54		Regulation 14(1)(ii).		
39	410714	DIGITAL CARD, PULSESUPERVISINMODULECE69111070UN0053CPV1 (ALTCOD:ED69203SV3AA)	1.66		1.66		Regulation 14(1)(ii).		
40	410714	DIGITAL CARD, MDL 69203SJ1AA UN0667AV1	1.76		1.76		Regulation 14(1)(ii).		



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Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
41	410714	DIGITAL CARD, MDLMAXPACFASTANALOGO/PMODULE	1.95		1.95		Regulation 14(1)(ii).		
42	410714	DIGITAL CARD, DGTLI/PMODULEDGTLI/PMODULEMDL69230I330B (15 Nos.)	51.57		51.57		Regulation 14(1)(ii).		
43	410714	DIGITAL CARD, MICROTERMINAL69203TB2AAUNS2660AV1	4.87		4.87		Regulation 14(1)(ii).		
44	410714	DIGITAL CARD, VANDIMEASURINGMODULE69203IA1AAUNC4660AV1 (3 Nos.)	17.53		17.53		Regulation 14(1)(ii).		



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Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
45	410714	DIGITAL CARD, MDLDPU4FSECONDRYWITHIRING&SERIALPT&BKUPC BL (2 Nos.)	38.12		38.12		Regulation 14(1)(ii).		
46	410705	EHV SWITCHGEAR SYSTEMS	0		0		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	Rs.1196.45 (Sl. No. 4 of 2015-16 of CERC Order dt. 29.03.2017)
47	410705	EHV SWITCHGEAR SYSTEMS	0.43		0.43		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
48	410705	EHV SWITCHGEAR SYSTEMS	0.19		0.19		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
49	410708	POWER AND CONTROL CABLES	0		0		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
50	410708	POWER AND CONTROL CABLES	1.01		1.01		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
51	410708	POWER AND CONTROL CABLES	0.57		0.57		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
52	412020	SINGLE MODE GIGABIT SFP/GBIC MODULE (8 Nos.)	0.38		0.38		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
53	412020	12 PORT LIU FULLY LOADED WITH COUPLER, PIGTAILS AND TRAYS (7 Nos.)	0.71		0.71		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
54	412020	CAT-6 PATCH PANEL 8 PORT FULLY LOADED (10 Nos.)	0.37		0.37		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	
55	410701	MAIN GENERATING EQUIPMENT	16.87		16.87		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement, Partially incurred (i.e. Rs.2.13 Lacs) in 2016-17.	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
56	410701	MAIN GENERATING EQUIPMENT	0.03		0.03		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement, Partially incurred (i.e. Rs.2.13 Lacs) in 2016-17.	Rs.1196.45 (Sl. No. 4 of 2015-16 of CERC Order dt. 29.03.2017)
57	410701	MAIN GENERATING EQUIPMENT	6.52		6.52		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement, Partially incurred (i.e. Rs.2.13 Lacs) in 2016-17.	
58	410702	GENERATOR STEP UP TRANSFORMER	0		0		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement, Partially incurred (i.e. Rs.2.13 Lacs) in 2016-17.	
59	410702	GENERATOR STEP UP TRANSFORMER	1.1		1.1		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement, Partially incurred (i.e. Rs.2.13 Lacs) in 2016-17.	
60	410702	GENERATOR STEP UP TRANSFORMER	1.03		1.03		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement, Partially incurred (i.e. Rs.2.13 Lacs) in 2016-17.	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
61	410710	POWER LINE CARRIER COMMUNICATION SYSTEMS	0.07		0.07		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	
62	410710	POWER LINE CARRIER COMMUNICATION SYSTEMS	0		0		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	
63	410710	POWER LINE CARRIER COMMUNICATION SYSTEMS	0.02		0.02		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	
64	410711	CONTROL, METERING AND PROTECTION SYSTEM	3.66		3.66		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	
65	410712	AUXILLIARY AND ANCILLIARY SYSTEMS	0.72		0.72		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
66	410712	AUXILLIARY AND ANCILLIARY SYSTEMS	0.2			0.2	Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	Rs.1196.45 (Sl. No. 4 of 2015-16)
67	410712	AUXILLIARY AND ANCILLIARY SYSTEMS	0			0	Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	
68	410713	TRIVECTOR METER, 3 PH, 4 W TVM 110 V (L-L) 1A CL 0.2 S BM RS 485, WR300BB11RS (7 Nos.)	2.54			2.54	Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	
69	410713	SPECIAL ENERGY METER, 3P 4W, 110V(L-L), 1A, RS-485, 0.2S (4 Nos.)	1.24			1.24	Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	
70	410713	TRIVECTOR METER, 3 PH, 4 W TVM 110 V (L-L) 1A CL 0.2 S BM RS 485, WR300BB11RS (3 Nos.)	1.09			1.09	Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	





Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
71	410713	5KV INSULATION TESTER - MEGGER (S1-568)	5.94		5.94		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	of CERC Order dt. 29.03.2017)
72	412020	SINGLE DISC MACHINE- FOR MULTIPLE CLEANING TASKS, TASKI ERGODISC 165	1.37		1.37		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	
73	412020	PC WORKSTATION WITH 50 COLOUR LCD DISPLAY FOR CCTV (3 Nos.)	2.39		2.39		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	
74	412020	UPS 5 KVA (5000VA RACK MOUNTED, INBUILT MODULAR BATTERY)	1.86		1.86		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	
75	412020	SERVER MAKE: HP MODEL: ML 10 (3 Nos.)	4.78		4.78		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
76	412020	40 FULL HD LED DISPLAY SAMSUNG EBD40 (3 Nos.)	2.07		2.07		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	
77	412020	NAS WITH 24 TB HP STORE EASY 1640	5.1		5.1		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	
78	412020	INDUSTRIAL GRADE L-2 MANAGED 24 PORT GIGABIT SWITCH WITH 4 SFP COMBO : ALIED TELESIS AT-X610-24TS (2 Nos.)	3.83		3.83		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	
79	412020	INDUSTRIAL GRADE LAYER-2 FULLY MANAGED 8 PORT 10/100 MBPS POE : ALIED TELESIS AT-IFS802SP/POE (W) (10 Nos.)	5.32		5.32		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	
80	412020	SWITCH RACK (WALL MOUNTABLE), 9U, COMRACK (12 Nos.)	0.75		0.75		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.51.98 Lacs) and in 2017-18 (i.e. Rs.1.77 Lacs).	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
81	411112	SUBMERSIBLE PUMP, 1.75 HP, SINGLE PHASE, KIRLOSKAR ETERNA 1300 BW (4 Nos.)	0.99		0.99		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.8.08 Lacs) and in 2018-19 (i.e. Rs.7.23 Lacs).	Rs.1196.45 (Sl. No. 4 of 2015-16 of CERC Order dt. 29.03.2017)
82	411112	MONO-BLOC SUBMERSIBLE PUMP CAPACITY 3 HP, THREE PHASE, DEL: 40 MM, MODEL MR 3.0 HH Make: KSB (2 Nos.)	0.72		0.72		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.8.08 Lacs) and in 2018-19 (i.e. Rs.7.23 Lacs).	
83	410703	5 MVA, 66KV/11KV TRANSFORMER COPPER WOUND ONAN TYPE	76.39		76.39		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate.	Rs.1196.45 (Sl. No. 4 of 2015-16 of CERC Order dt. 29.03.2017)
84	411701	ALMIRAH 66" X 33" X 19" LENGTH (STEEL) (2 Nos.)	0.23		0.23		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17(i.e. Rs.13.38 Lacs) and in 2017-18 (i.e. Rs.8.50 Lacs) and in 2018-19 (i.e. Rs.3.30 Lacs).	Rs.30.00 (Sl. No. 8 of 2015-16 of CERC Order dt. 29.03.2017)
85	411701	SOFA SET 5 SEATER(3+2)	0.3		0.3		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17(i.e. Rs.13.38 Lacs) and in 2017-18 (i.e. Rs.8.50 Lacs) and in 2018-19 (i.e. Rs.3.30 Lacs).	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
86	412801	REVOLVING STOOL HT ADJ. WITH BACK (20 Nos.)	0.98		0.98		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.13.38 Lacs) and in 2017-18 (i.e. Rs.8.50 Lacs) and in 2018-19 (i.e. Rs.3.30 Lacs).	
87	410713	BATTERY CHARGER INPUT 180-270 VAC, OUTPUT-24V, CAPACITY -40AMP (3 Nos.)	0.18		0.18		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.3.62 Lacs) and in 2018-19 (i.e. Rs.0.83 Lacs).	
88	410713	MISCELLANEOUS POWER PLANT EQUIPMENTS	2.38		2.38		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.3.62 Lacs) and in 2018-19 (i.e. Rs.0.83 Lacs).	
89	410713	CHAIN BLOCK, 2TON (2 Nos.)	0.45		0.45		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.3.62 Lacs) and in 2018-19 (i.e. Rs.0.83 Lacs).	
90	410713	HYDRAULIC JACK 10 TON CAPACITY WITH HANDLE	0.13		0.13		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.3.62 Lacs) and in 2018-19 (i.e. Rs.0.83 Lacs).	Rs.1.00 (Sl. No. 10 of 2015-16 of CERC Order dt. 29.03.2017)



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
91	412020	MOTORIZED SIREN, 3-PHASE, AC, RANGE- 8KM	0.89		0.89		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.3.62 Lacs) and in 2018-19(i.e. Rs.0.83 Lacs).	
92	412503	KHERAJ ELECTRICAL SIREN (3.25 KM) (5 Nos.)	0.92		0.92		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.3.62 Lacs) and in 2018-19 (i.e. Rs.0.83 Lacs).	
93	412503	MOTORIZED SIREN, 3-PHASE, AC, RANGE- 8KM	0.74		0.74		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement. Balance exp. partially incurred in 2016-17 (i.e. Rs.3.62 Lacs) and in 2018-19 (i.e. Rs.0.83 Lacs).	
94	411505	TATA LPT 1613/42 E III, FIRE TENDER CHASIS	13.87		13.87		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement, Balance exp. partially incurred in 2016-17 (i.e. Rs.40.44 Lacs).	Rs.45.00 (Sl. No. 5 of 2015-16 of CERC Order dt. 29.03.2017)
95	411505	TATA LPT 1613/42 E III, FIRE TENDER CHASIS	21.26		21.26		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate - Expenditure increased as per site requirement, Balance exp. partially incurred in 2016-17 (i.e. Rs.40.44 Lacs).	
		<b>SUB-TOTAL (A)</b>	<b>887.94</b>	<b>31.17</b>	<b>856.77</b>	<b>0</b>			
		<b>( B ) ALLOWED DURING PREVIOUS YEAR (2014-15)</b>							



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
96	410321	EXTENTION OF BOUNDARY WALL	9.81		9.81		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. SI. No. 1-2 of 9A - 2014-15)	
97	410321	CONSTRUCTION OF FIELD HOSTEL-VI BUILDING	3.05		3.05		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. SI. No. 4-5 of 9A - 2014-15)	
98	410301	BUILDING CONTAINING HYDRO ELECTRIC GENERATING PLANT	0.02		0.02		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
99	410301	BUILDING CONTAINING HYDRO ELECTRIC GENERATING PLANT	13.21		13.21		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
100	410301	BUILDING CONTAINING HYDRO ELECTRIC GENERATING PLANT	0.42		0.42		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
101	410601	DAMS AND BARRAGES	77.11		77.11		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
102	410601	DAMS AND BARRAGES	0.1		0.1		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
103	410601	DAMS AND BARRAGES	1.04		1.04		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
104	410601	DAMS AND BARRAGES	23.21		23.21		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
105	410604	POWER TUNNELS AND PIPELINES	0.04		0.04		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
106	410604	POWER TUNNELS AND PIPELINES	0.17		0.17		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
107	410604	POWER TUNNELS AND PIPELINES	30.43		30.43		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
108	410607	TAILRACE TUNNELS	0		0		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	Rs.299.09 (Sl. No. 4 of 2014-15 of CERC Order dt. 29.03.2017)
109	410607	TAILRACE TUNNELS	0.88		0.88		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
110	410607	TAILRACE TUNNELS	0.02		0.02		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
111	410608	HYDROMECHANICAL WORKS-DAMS AND BARRAGES	0		0		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
112	410608	HYDROMECHANICAL WORKS-DAMS AND BARRAGES	3.43		3.43		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
113	410608	HYDROMECHANICAL WORKS-DAMS AND BARRAGES	0.03		0.03		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	





Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accural addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
114	410610	HYDROMECHANICAL WORKS-TUNNELS AND CANALS	1.43		1.43		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
115	410610	HYDROMECHANICAL WORKS-TUNNELS AND CANALS	0		0		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
116	410610	HYDROMECHANICAL WORKS-TUNNELS AND CANALS	0.01		0.01		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
117	410611	HYDROMECHANICAL WORKS-TAIL RACE INCLUDING DRAFT TUBE GATES	0		0		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
118	410611	HYDROMECHANICAL WORKS-TAIL RACE INCLUDING DRAFT TUBE GATES	0.31		0.31		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	
119	410611	HYDROMECHANICAL WORKS-TAIL RACE INCLUDING DRAFT TUBE GATES	0.02		0.02		Regulation 14(1)(ii).	With in Original Scope under revised cost estimate. Item has been by allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 15-16.	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
120	410301	C/o Concrete walls and providing and fixing TCT PPGAL Hi rib sheet ceiling for preven.. 122/000289	46.04		46.04		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 9-10 of 9A - 2014-15)	
121	410714	FIXED TOP LABYRINTH( UNCOATED), DRAWING NO '32030117315(REV-01),VARIANT-01,ASSEMBLY DRG.NO.020301173	10.29		10.29		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Initial Spares purchased within ceiling limit as specified in CERC Tariff Regulations'2009. Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	Rs.881.10 (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
122	410714	THRUST BEARING DISC WITH INSULATED DOWELS-1 SET ,DRAWING NO 22540227604,ITEM NO. 1	27.28		27.28		Regulation 14(1)(ii).		Rs.881.10 (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
123	410714	OIL VAPOUR SEAL ASSEMBLY( TOP/BOTTOM),DRAWING NO 2990527601,ITEM NO. 1	6.79		6.79		Regulation 14(1)(ii).		Rs.881.10 (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
124	411903	PTP WIRELESS ANTENA LPU AND GROUNDING KIT, CAMBIUM (PTP650) (8 Nos.)	0.18		0.18		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	
125	411903	AVIATION LIGHT, ISI (INSTAPOWER) (4 Nos.)	0.23		0.23		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	
126	411903	PTP WIRELESS ANTENA AC+DC POWER INJECTOR, CAMBIUM (PTP650) (8 Nos.)	1.52		1.52		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
127	411903	VIDEO IP PHONE, TECHROUTES (IPM-V090) (5 Nos.)	2.64		2.64		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	Rs.881.10 (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
128	411903	PTP WIRELESS ANTENA, CAMBIUM (PTP650) (8 Nos.)	31.16		31.16		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	
129	412020	IP BIOMETRIC SYSTEM, SECUREYE, SB250CB (2 Nos.)	0.58		0.58		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	
130	412020	VMS- CHANNEL LICENSE AS A SEPRATE LICENSE FOR EACH CAMERA REQUIRED FOR MANAGEMENT PURPOSE.,MIRASYS (42 Nos.)	4.81		4.81		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	
131	412020	VMS CLIENT LICENSE AS REQUIRED FOR VIEWING ON THE CAMERAS ON CLIENT SIDE.,MIRASYS (5 Nos.)	0.29		0.29		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	
132	412020	DOME TYPE CAMERA AXIS P3365-VE (11 Nos.)	11.97		11.97		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	
133	412020	VMS BASE LICENSE AS A SINGLE LICENSE FOR VIDEO MANAGEMENT SOFTWARE,MIRASYS	0.86		0.86		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	
134	412020	BULLET BOX TYPE CAMERA WITH IR RANGE OF MINIMUM 15-20 MTRS AXIS P1425-LE (22 Nos.)	13.86		13.86		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	
135	412020	HIGH SPEED DOME CAMERAS : AXIS Q6045-E (9 Nos.)	28.35		28.35		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	
136	412020	NAS WITH 24 TB HP STORE EASY 1640	4.5		4.5		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	
137	412020	NAS WITH 24 TB HP STORE EASY 1640	6.01		6.01		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	



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Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
138	411903	DIGITAL COMMUNICATION SYSTEM IP PBX, TECHROUTES (TX500)	1.78		1.78		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 13-19 of 9A - 2014-15)	
139	411903	INST OF RADIO LINK	2.5		2.5		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 13-19 of 9A - 2014-15)	
140	410707	DC SYSTEMS/BATTERY SYSTEMS	0.34		0.34		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 22 of 9A - 2014-15).	
141	410707	DC SYSTEMS/BATTERY SYSTEMS	0		0		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 22 of 9A - 2014-15).	
142	410707	DC SYSTEMS/BATTERY SYSTEMS	0.15		0.15		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 22 of 9A - 2014-15).	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
143	412020	1 KVA ONLINE UPS WITH 2 HOURS BACKUP WITH SINGLE PHASE IN & OUT, UNILINE-GREEN LINE (6 Nos.)	2.23		2.23		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 35-37 of 9A - 2014-15).	
144	412020	UPS 5 KVA (5000VA RACK MOUNTED, INBUILT MODULAR BATTERY)	1.86		1.86		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 35-37 of 9A - 2014-15).	
145	410709	AIR CONDITIONING AND VENTILATION SYSTEMS	0.02		0.02		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 38-54 of 9A - 2014-15).	
146	410713	BENCH GRINDER,6" , TG63PH	0.11		0.11		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 38-54 of 9A - 2014-15).	
147	410713	TWO SPEED FLEXIBLE SHAFT GRINDER FF2 WITH COLLET SIZE 6MM, AC 50/60HZ,370WATT, APPROX WEIGHT 8.6KG.	0.19		0.19		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 38-54 of 9A - 2014-15).	
148	411701	COFFEE VENDING MACHINE-NESCAFE - TETRA (2 Nos.)	0.59		0.59		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 38-54 of 9A - 2014-15).	
149	412801	TATA SKY (DTH SERVICES) HD SET TOP BOX WITH DIGI COMP HARDWARE (PARENT) (13 Nos.)	0.3		0.3		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 38-54 of 9A - 2014-15).	



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Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
150	412801	EXHAUST FAN (2 Nos.)	0.04		0.04		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 38-54 of 9A - 2014-15).	
151	412801	TATA SKY (DTH SERVICES) HD SET TOP BOX WITH DIGI COMP HARDWARE (PARENT) (7 Nos.)	0.16		0.16		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 38-54 of 9A - 2014-15).	
152	412801	ELECTRIC RICE COOKER (6 Nos.)	0.11		0.11		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 38-54 of 9A - 2014-15).	
153	412501	LED TV 23", SAMSUNG MAKE	0.78		0.78		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 70-71 of 9A - 2014-15).	
154	410905	SOLAR STREET LIGHTS(18WATTLED/12V,5MTR POLE, BATTERY BOX)I-2015000969 (40 Nos.)	15.00		15.00		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 15-16. (Ref. Sl. No. 94 of 9A - 2014-15).	
155	411903	LAYER 2 MANAGED 16 PORT GIGABIT POE+SWITCH WITH 2 SFP PORT, ALLIED TELESYS (A04764R1) (4 Nos.)	1.64		1.64		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16. (Ref. Sl. No. 95-101 of 9A - 2014-15).	
156	411903	GIGABIT ROUTER, ALLIED TELESYS (AT-AR770S-00) (2 Nos.)	3.92		3.92		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.(Ref. Sl. No. 95-101 of 9A - 2014-15).	



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SI. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
157	411903	24 PORT 10/1001000 LAYER-2 SWITCH WITH 4 NO SFP PORTS, ALLIED TELESYS (AT-X510-28GTX-N1-50) (2 Nos.)	8.78		8.78		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16. (Ref. SI. No. 95-101 of 9A - 2014-15).	
158	411903	24 PORT 10/1001000 LAYER-2 SWITCH WITH 4 NO SFP PORTS, ALLIED TELESYS (AT-X510-28GTX-N1-50)	0.87		0.87		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16. (Ref. SI. No. 95-101 of 9A - 2014-15).	
159	411508	TIPPER, TATA, LPK 909	11.93		11.93		Regulation 14(1)(ii).	Item has been allowed by CERC during 2014-15, however actual exp. Incurred and capitalised during 15-16.	Rs.145.00 (SI. No. 6 of 2014-15 of CERC Order dt. 29.03.2017)
		<b>SUB-TOTAL (B)</b>	<b>415.4</b>	<b>0</b>	<b>415.4</b>	<b>0</b>			
		<b>(C) NOT APPROVED BUT EXECUTED BASED ON SITE SPESIFIC REQUIREMENTS</b>							
160	410111	capitalisation of interest on compansation on court award due to change in a/c policy	1.78		1.78		Regulation 14(3)(viii).	Accounting policy requires to capitalised interest on land cases since date of filing of case to final decision of the court. Therefore after the fina outcome of decision such interest was capitalised till the decision of court and interest after date of decision to the date of final disbursement is being charged to reveunue exp as per accounting policy.	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharge d Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
161	412502	ACCELEROGRAPH SYSTEM ALONG WITH ALL ACCESSORIES, NANOMETRICS & TITAN SMA (2 Nos.)	17.96	2.38	15.58		Regulation 14(3)(viii).	This instrument has been used in measurement of earthquake and damaged occurred to dam due to earthquake. This is essentially required at each dam site in order to take proactive measures against damaged occurred to dam due to earthquake.	
		<b>SUB-TOTAL (C)</b>	<b>19.74</b>	<b>2.38</b>	<b>17.36</b>	<b>0</b>			
		<b>GRAND TOTAL (A+B+C)</b>	<b>1323.08</b>	<b>33.55</b>	<b>1289.53</b>	<b>0</b>			

1. In case the project has been completed and cost has already been admitted under any tariff notification(s) in the past, fill column 10 giving the cost as admitted for the purpose of tariff notification already issued by (Name of the authority) (Enclose copy of the tariff Order).
2. The above information needs to be furnished separately for each year / period of tariff period 2014-19.
3. In case of de-capitalisation of assets separate details to be furnished at column 1, 2, 3 and 4. Further, the original book value and year of capitalisation of such asset to be furnished at column 8. Where de-caps are on estimated basis the same to be shown separately.
4. Where any asset is rendered unserviceable the same shall be treated as de-capitalised during that year and original value of such asset to be shown at col. 3. And impaired value if any, year of its capitalisation to be mentioned at column 8.
5. Justification against each asset of capitalization should be specific to regulations under which claim has been made and the necessity of capitalization of that particular asset.

**Note:**

1. Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries.
2. In case initial spares are purchased along with any equipment, then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

**For Arora Vohra & Co.**  
Chartered Accountants



**For NHPC Limited**

  
(M G Gokhale)  
General Manager (Comml.)



## Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner : NHPC LTD

Name of the Generating Station : CHUTAK PS

COD : 01 February 2013

Rs. In Lakhs

Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
		<b>(A) ALLOWED DURING THE YEAR -2016-17</b>	-	-	-	-			
		<b>SUB-TOTAL (A)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>			
		<b>( B ) ALLOWED DURING PREVIOUS YEAR (2014-15)</b>							
1	410304	Renovation of Colony/office boundary wall	79.07	0.82	78.25		Regulation 14(2).	With in Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	Rs.523.77 Lacs (Sl. No. 3 of 2014-15 of CERC Order dt. 29.03.2017)
2	410306	Electrification of new workshop at Switchyard	8.05	4.64	3.41		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	
3	410301	C/o Toilets at various locations viz PH, Switch-Yard, Barrage and Office Premises	14.5		14.5		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	Rs.523.77 Lacs (Sl. No. 3 of 2014-15 of CERC Order dt. 29.03.2017)
4	410601	Fencing around solar power plant at barrage of Chutak PS	4.29	0.09	4.2		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	



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Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
5	410601	Paving with interlocking tiles around solar power battery bank and behind control room at Barrage	7.28		7.28		Regulation 14(2).	With in Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	Rs.523.77 Lacs (Sl. No. 3 of 2014-15 of CERC Order dt. 29.03.2017)
6	412503	FIRE EXTINGUISHER- CO2 AL 4.5 KG (CEASEFIRE MAKE), MODEL NO: 1COAL21	1.2		1.2		Regulation 14(2).	With in Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	
7	412503	FIRE EXTINGUISHER- MAP 90 TROLLEY TYPE (FIRE EXTINGUISHER) MODEL NO. 1MP25CF, CAPACITY 25 KG (3 Nos.)	0.89		0.89		Regulation 14(2).	With in Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	
8	412503	FIRE EXTINGUISHER, CAPACITY-6KG, TYPE- ABC MAP90 (62 Nos.)	3.59		3.59		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	
9	412503	FIRE EXTINGUISHER, CAPACITY-4KG, TYPE- ABC MAP90 (43 Nos.)	2.22		2.22		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	
10	412503	FIRE EXTINGUISHER - MONNEX POWDER 4 KG (CEASEFIRE MAKE), MODEL NO. 1MX04CF (8 Nos.)	1.01		1.01		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	
11	412503	FIRE EXTINGUISHER - CLEAN AGENT 4 KG (CEASEFIRE MAKE), MODEL NO-FE 36 - 4 KG- 1CH04CF (3 Nos.)	0.85		0.85		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
12	412503	FIRE EXTINGUISHER-CLEAN AGENT-2 KG	0.17		0.17		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	
13	410714	SEALING RING (INQUADRANTS), DRAWING NO 12060217301,ITEM NO. 1 OF ASSEMBLY DRG.NO.02060217301	8.43		8.43		Regulation 14(2).	Within Original Scope under revised cost estimate. Initial Spares purchased within ceiling limit as specified in CERC Tariff Regulations'2009. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	Rs.881.10 Lacs (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
14	410714	GUIDE BEARING PAD (RTD+DTT)(1SET=6NOS),DRAWING NO 12060117303,ITEM NO. 47OF ASSEMBLY DRG.NO.0206011	27.2		27.2		Regulation 14(2).		Rs.881.10 Lacs (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
15	410714	LGB/UGB GUIDE BEARING PADS,DRAWING NO 22990227601,ITEM NO. 1 (12 Nos.)	19.87		19.87		Regulation 14(2).		Rs.881.10 Lacs (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
16	410714	AUTO SYNCHRONISER -(SIEMENS) 69202ASYNA 7VE2146-1 :ED7470400125	18.01	1.79	16.22		Regulation 14(2).		Rs.881.10 Lacs (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
17	412502	EARTH GROUND TESTER (EARTH RESISTIVITY TEST KIT), FLUKE, 1623-2	3.19		3.19		Regulation 14(2).		Rs.881.10 Lacs (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
18	412502	WATER CONTENT TEST KIT - METTLER - TOLEDO	10.05		10.05		Regulation 14(2).	Rs.881.10 Lacs (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
19	412503	HOT AIR BLOWER, 3 PHASE, 415V, 50HZ AC, 21KW (5 Nos.)	3.09		3.09		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	Rs.183.00 Lacs (Sl. No. 13 of 2014-15 of CERC Order dt. 29.03.2017)
20	412503	DIGISOL DG-GS1024D-E 24 PORT 10/100/1000MBPS GIGABIT ETHERNET UN-MANAGED SWITCH (3 Nos.)	0.19		0.19		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	Rs.881.10 Lacs (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
21	412503	DIGISOL DG-GS4628E MANAGED 24 PORT 10/100/1000 MBPS ETHERNET SWITCH WITH 4 GIGABIT SFP PORTS.	0.22		0.22		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17.	
22	412503	TELEPHONE FACILITY - OTHER OFFICE EQUIPMENT	0.08		0.08		Regulation 14(1)(ii).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 16-17. (Ref. Sl. No. 13-19 of 9A - 2014-15)	
23	411707	HAVELLS 25 LTR GEYSER - MONZA EC 25 (3 Nos.)	0.26		0.26		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 23-30 of 9A - 2014-15)	
24	411801	LAPTOP HP PAVILION 15-AU118TX	0.79		0.79		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 23-30 of 9A - 2014-15)	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
25	412008	SPLIT TYPE AC 2 TON CAPACITY HOT AND COLD, VOLTAS 24 HY (2 Nos.)	0.94		0.94		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 23-30 of 9A - 2014-15)	
26	412020	OIL FILLED ROOM HEATER, 11 FING, 230VOLT (50 Nos.)	5.25		5.25		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 23-30 of 9A - 2014-15)	
27	412007	INSTANT WATER HEATER, MAKE-USHA, MODEL-INSTAFRESH 3L (5 Nos.)	0.2		0.2		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	
28	412503	V GUARD STABILIZER VEW500 PLUS 5KVA (2 Nos.)	0.22		0.22		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	
29	412503	BATTERY CHARGER INPUT 180-270 VAC, OUTPUT-24V, CAPACITY -40AMP	0.06		0.06		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
30	412801	EXHAUST FAN 200 MM SWEEP, PLASTIC BODY	0.02		0.02		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	
31	412801	EXHAUST FAN 250 MM SWEEP, PLASTIC BODY	0.02		0.02		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	
32	412801	EXHAUST FAN 200 MM SWEEP, PLASTIC BODY (10 Nos.)	0.15		0.15		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	
33	412801	EXHAUST FAN 250 MM SWEEP, PLASTIC BODY (5 Nos.)	0.08		0.08		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	
34	412801	EXHAUST FAN 200 MM SWEEP, PLASTIC BODY (10 Nos.)	0.14		0.14		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	
35	412801	EXHAUST FAN 250 MM SWEEP, PLASTIC BODY (10 Nos.)	0.16		0.16		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed.	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
36	412801	STABILIZER 2 KVA	0.04	0.04	0		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	
37	412801	Hand Drill Machine (13MM) (MR1221699)	0.05		0.05		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	
38	412801	ELECTRIC KETTLE STAINLESS STEEL	0.01		0.01		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	
39	412801	INSTANT WATER HEATER, MAKE-USHA, MODEL-INSTAFRESH 3L	0.04		0.04		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	
40	412801	PILLAR HEATER 2 ROD, 1500 WATT (2 Nos.)	0.07		0.07		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	
41	412801	Mobile Set	0.04		0.04		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
42	412801	OMRON HN286 SCALE	0.02		0.02		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-67 of 9A - 2014-15)	
43	412501	LED TELEVISION 24" (60 CM), MAKE-SAMSUNG, MODEL-UA24J4100AR (3 Nos.)	0.51		0.51		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 70-71 of 9A - 2014-15)	
44	412501	LED TELEVISION 32" (80 CM), MAKE-SAMSUNG, MODEL-UA32FH4003R (2 Nos.)	0.48		0.48		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 70-71 of 9A - 2014-15)	
45	412503	SONY DSC-HX400V 20.4 MP POINT AND SHOOT DIGITAL CAMERA WITH 50X OPTICAL ZOOM , 8GB CARD (2 Nos.)	0.64		0.64		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 70-71 of 9A - 2014-15)	



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Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
46	412503	NIKON COOLPIX P900 (2 Nos.)	0.7		0.7		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 70-71 of 9A - 2014-15)	
47	412503	ALLUMINIUM LADDER, SELF SUPPORTING, FOLDING TYPE WITH PLATFORM, SIZE 8 FEET (2 Nos.)	0.16		0.16		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 91 of 9A - 2014-15)	
48	412503	WALL SUPPORTING ALUMINIUM LADDER SIZE-20	0.16		0.16		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 91 of 9A - 2014-15)	
49	412503	20 FEET ALUMINIUM LADDER (STOOL TYPE WITH PLATFORM) (2 Nos.)	0.46		0.46		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 91 of 9A - 2014-15)	
50	412503	ALLUMINIMUM LADDER 8' HEIGHT (3 Nos.)	0.19		0.19		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 91 of 9A - 2014-15)	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
51	412503	WALL SUPPORTING ALUMINIUM LADDER SIZE-10	0.08		0.08		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 91 of 9A - 2014-15)	
52	412503	44 FEET ECONOMY SELF SUPPORTING EXTENSION TOWER LADDER ALUMINIUM	0.63		0.63		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 91 of 9A - 2014-15)	
53	410711	1000/5A, 11KV IND.RESIN CAST RING TYPE BUS DUCT CTS-PARAS POWER ENG.PVT. LTD.,DWG. NO.PE/R/088/R1/A2 (4 Nos.)	1.18		1.18		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 95-101 of 9A - 2014-15)	
		<b>SUB-TOTAL (B)</b>	<b>227.20</b>	<b>7.38</b>	<b>219.82</b>	<b>0.00</b>			



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
		( C ) ALLOWED DURING PREVIOUS YEAR (2015-16)							
54	410201	c/o Slope Protection work including road/drain cleaning work along access rd to Adit to Surge Shaft	7.3		7.3		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 1-7 of 9A - 2015-16)	
55	410201	Paving with interlocking tiles in driveway in front of Admin Building & Painting Work	9.94	3.49	6.45		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 1-7 of 9A - 2015-16)	



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Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
56	410601	Construction of concrete pillar along u/s of reservoir length from barrage axis to RD3555	4.11	0.05	4.06		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 1-7 of 9A - 2015-16)	
57	410301	c/o Providing & laying of interlocking tiles in front of toilets/security post/ canteen at PH	1.92		1.92		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 8-19 of 9A - 2015-16)	
58	410301	Const. of store in Generator Floor in Power House	3		3		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 8-19 of 9A - 2015-16)	
59	410601	AUTOMATIC WEATHER STATION (DT82E, DATA TAKER, THERMOFISHER)	2		2		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	Rs.165.00 (Sl. No. 3 of 2015-16 of



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
60	410601	AUTOMATIC WEATHER STATION (DT82E, DATA TAKER, THERMOFISHER)	11.36		11.36		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	CERC Order dt. 29.03.2017)
61	410714	RUNNER ( UNCOATED ) , DRAWING NO 02040717301	394.54		394.54		Regulation 14(2).	Within Original Scope under revised cost estimate. Initial Spares purchased within ceiling limit as specified in CERC Tariff Regulations'2009. Item has been by allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	Rs.1196.45 (Sl. No. 4 of 2015-16 of CERC Order dt. 29.03.2017)
62	410714	STATOR COOLER ( GENERATOR STATOR, CHUTAK)	5.62		5.62		Regulation 14(2).		
63	410714	THRUST COLLAR BHEL DRG NO. 12540127603	50.95	0.29	50.66		Regulation 14(2).		
64	410714	SHAFT SLEEVE (IN HALVES), DRAWING NO 22050117302,ITEM NO. 2 OF ASSEMBLY DRG.NO.02050117301	12.05		12.05		Regulation 14(2).		
65	410714	LOWER BUSH HOUSING,DRAWING NO 32030117320,ITEM NO. 04 OF ASSEMBLY DRG.NO.02030117301	21.21		21.21		Regulation 14(2).		



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Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
66	412503	PORTABLE SUSPENDED SOLID INDICATOR WITH PC INTERFACE TEST - VIRTUAL ELECTRONICS COMPANY, MODEL: 3150	2.13	0.24	1.89		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 55-60 of 9A - 2015-16)	
67	410301	Electrical Insulating Mat MR12215256( mpL 2016000085)	3.23		3.23		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 61-80 of 9A - 2015-16)	
68	410703	RESIN CAST 1-PHASE PT- 11KV/ROOT3/110V/ROOT3- SEC1-60VA, SEC2-100VA-SILKAANS ELECTRICAL MFG.	1.77		1.77		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 61-80 of 9A - 2015-16)	
69	410707	BATTERY GROUND FAULT LOCATOR, MAKE: MEGGER, MODEL: BGFT	13.04	3.39	9.65		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 61-80 of 9A - 2015-16)	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
70	410713	PORTABLE 100KV FULLY AUTOMATIC MIRCOPROCESSOR BASED OIL BDV TEST SET, MAKE MEGGER, MODEL OTS 100AF	26.81		26.81		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 61-80 of 9A - 2015-16)	
71	412503	TRIPPING RELAY TYPE VAJ(ORIGINAL RELAY VAJHM53SF140D OF AREVA) - ALSTOM MODEL NO.VAJHM 53 SF 1004BBA	1.31		1.31		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 61-80 of 9A - 2015-16)	
72	412503	AUXILIARY RELAY TYPE VAA (ORIGINAL RELAY VAA21ZG8502FCH OF AREVA) - ALSTOM MODEL NO.VAA21ZG0750 BA	0.26		0.26		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 61-80 of 9A - 2015-16)	
73	412503	TRIP CIRCUIT SUPERVISION RELAY TYPE VAX MK11(ORIGINAL RELAY VAX21ZG8045BCH) MODEL NO.VAX21ZB8045 BCH	0.12		0.12		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 61-80 of 9A - 2015-16)	
74	412503	PORTABLE PARTIAL DISCHARGE DETECTING DEVICE, DIMRUS - 3I	5.15		5.15		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 61-80 of 9A - 2015-16)	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
75	412503	SMPS I/P 110-240V O/P - 24V DC, 10A - 'ABB MODEL NO.1SVR427035 R0000	0.27		0.27		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 61-80 of 9A - 2015-16)	
76	411112	SUBMERSIBLE PUMP 50 HP - MAKE - AQUA, MODEL - ASS HE 1042 MQ M 050	0.11		0.11		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 81-82 of 9A - 2015-16)	
77	411112	SUBMERSIBLE PUMP 50 HP - MAKE - AQUA, MODEL - ASS HE 1042 MQ M 050	7.97		7.97		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 81-82 of 9A - 2015-16)	
78	411701	GODREJ STOREWEL PLAIN, ITEM CODE STSTW000XXX	4.13		4.13		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 84-86 of 9A - 2015-16)	
79	411701	STEEL ALMIRAH (72X33X22), 24 GUAGE	0.15		0.15		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 84-86 of 9A - 2015-16)	





Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
80	411701	WOODEN TABLE (KIKAR)WITH MARBLE TOP (12MM THICK) SIZE 4' X4' FINISHED WITH SPIRIT POLISHED	0.26		0.26		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 84-86 of 9A - 2015-16)	
81	411701	GODREJ BOLTLESS SHELVING, SIZE 2502X1358X631MM, 4NOS. LEVEL, LOAD 200KG	8.35		8.35		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 84-86 of 9A - 2015-16)	
82	412801	WOODEN DINING CHAIR MADE UP OF KIKAR WOOD WITHOUT CUSHIONED SEAT & BACK WITH SPIRIT POLISHED	0.14		0.14		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 84-86 of 9A - 2015-16)	
83	412801	TROLLY MOUNTED MIRROR , SP ENGINEERING WORK AND MODEL NO SPEW-005	0.2		0.2		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 84-86 of 9A - 2015-16)	
84	412503	Rechargeable Inbuilt Batter LED Torch with output of 420 lumens (MR12216135)	0.35		0.35		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
85	412503	Rechargeable Inbuilt Batter LED Torch with output of 960 lumens (MR12216135)	0.07		0.07		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	Rs.5.00 (Sl. No. 7 of 2015-16 of CERC Order dt. 29.03.2017)
86	412503	Rechargeable Inbuilt Batter LED Torch with output of 960 lumens (MR12216135)	0.07		0.07		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	
87	412801	HAND HELD SEARCH LIGHT, SP ENGINEERING WORK AND MODEL NO SPEW-006	0.34		0.34		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	
88	412801	Halogen Fitting 500W	0.09		0.09		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	
89	412801	Halogen Fitting 500W	0.08		0.08		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	
90	412503	DOOR FRAME METAL DETECTOR, SP ENGINEERING WORK AND MODEL NO SPEW-002	2.05		2.05		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 87-93 of 9A - 2015-16)	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
91	412503	3.25KM RANGE BATTERY OPERATED SIREN,HOR. DOUBLE MOUNTED TYPE, 12/24V DC 6000RPM. KHERAJ , BD-325	0.17	0.17	0		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 87-93 of 9A - 2015-16)	
92	412503	BASED SINGLE SIREN CONTROLLER (GSM BASED SINGLE SIREN CONTROLLER), KHERAJ, KEI-GSM-SSO	0.44		0.44		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 87-93 of 9A - 2015-16)	
93	412503	BATTERY 24V, 60AH WITH BATTERY CHARGER FOR BACKUP OF KHERAJ, BD-325	0.59	1.03	-0.44		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 87-93 of 9A - 2015-16)	
94	412503	DRILLING MACHINE, PRO TOOLS , 2026-A	0.07		0.07		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 87-93 of 9A - 2015-16)	
95	412801	HAND HELD METAL DETECTOR, SP ENGINEERING WORK AND MODEL NO SPEW-001	0.29		0.29		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 87-93 of 9A - 2015-16)	



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Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
96	412005	SCOOP STRETCHER	0.18		0.18		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	Rs.83.00 (Sl. No. 9 of 2015-16 of CERC Order dt. 29.03.2017)
97	412801	OMRON B.P. HEM 7121	0.03		0.03		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	
98	412801	WHEEL CHAIR FOLDING	0.09		0.09		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	
99	412801	STRETCHER FOLDING TYPE WITH THICK CANVAS	0.03		0.03		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	
100	410301	Construction of concrete cladding/Architectural work at the entrance of MAT of PH at CPS, Minji	2.89	0.21	2.68		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	
101	411115	AIR COMPRESSOR -1000L (300-365 CFM), DIESEL ENG.,WHEEL MOUNT, DOOSAN STONE AIR3	13.44		13.44		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	Rs.45.00 (Sl. No. 5 of 2015-16 of CERC Order dt. 29.03.2017)



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
102	411505	WATER TENDER ON ASHOK LEYLAND 1616IL , 4330 MM WB BS-III CHASIS, 6.5 KL CAPACITY	0.4		0.4		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 94-95 of 9A - 2015-16)	
103	411505	WATER TENDER ON ASHOK LEYLAND 1616IL , 4330 MM WB BS-III CHASIS, 6.5 KL CAPACITY	40.04		40.04		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 94-95 of 9A - 2015-16)	
104	410201	C/o Parapet/Guide wall of left Bank and crate wall of right bank at TRT outlet	22.4		22.4		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	
105	410601	Construction of Boundary wall/fencing along the reservoir	17.24	0.34	16.9		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	Rs.208.09 (Sl. No. 11 of 2015-16 of CERC Order dt. 29.03.2017)



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
106	410601	Protection work of left bank/right bank downstream of barrage bays at barrage	12.37	0.24	12.13		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 16-17.	
		<b>SUB-TOTAL (C)</b>	<b>713.12</b>	<b>9.45</b>	<b>703.67</b>	<b>0.00</b>			
		<b>(D) NOT APPROVED BUT EXECUTED BASED ON SITE SPECIFIC REQUIREMENTS</b>							
107	410301	Drilling of 200mm dia 2 nos. bore well at PH( i-2015000930)	12.89		12.89		Regulation 14(3)(viii).	Borewell were drilled to provide the drinking water facility at the Power House	
108	410301	Drilling of 125mm dia bore well and installation of submersible pump	1.75		1.75		Regulation 14(3)(viii).	Borewell was drilled to provide the drinking water facility at the Power House	
		<b>SUB-TOTAL (D)</b>	<b>14.64</b>	<b>0.00</b>	<b>14.64</b>	<b>0.00</b>			
		<b>GRAND TOTAL (A+B+C+D)</b>	<b>954.96</b>	<b>16.83</b>	<b>938.13</b>	<b>0.00</b>			

1. In case the project has been completed and cost has already been admitted under any tariff notification(s) in the past, fill column 10 giving the cost as admitted for the purpose of tariff notification already issued by (Name of the authority) (Enclose copy of the tariff Order).
2. The above information needs to be furnished separately for each year / period of tariff period 2014-19.
3. In case of de-capitalisation of assets separate details to be furnished at column 1, 2, 3 and 4. Further, the original book value and year of capitalisation of such asset to be furnished at column 8. Where de-caps are on estimated basis the same to be shown separately.
4. Where any asset is rendered unserviceable the same shall be treated as de-capitalised during that year and original value of such asset to be shown at col. 3. And impaired value if any, year of its capitalisation to be mentioned at column 8.
5. Justification against each asset of capitalization should be specific to regulations under which claim has been made and the necessity of capitalization of that particular asset.

**Note:**

1. Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries.
2. In case initial spares are purchased along with any equipment, then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

For Arora Vohra & Co.  
Chartered Accountants

For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)



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## Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner : NHPC LTD

Name of the Generating Station : CHUTAK PS

COD : 01 February 2013

Rs. In Lakhs

Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
		(A) ALLOWED DURING THE YEAR -2017-18	-	-	-	-			
		SUB-TOTAL (A)	0.00	0.00	0.00	0.00			
		( B ) ALLOWED DURING PREVIOUS YEAR (2014-15)							
1	410201	P/L cement concrete and protection work on road near newly constructed field hostel at store complex	13.1	6.02	7.08		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 1-2 of 9A - 2014-15)	
2	410301	Construction of security shed & chain link fencing at switchyard of Chutak PS.	25.66	8.58	17.08		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 1-2 of 9A - 2014-15)	
3	410301	P/F of chequer plate on cable trench on PH & switchyard & erection of gate to barrage.	18.86	1.39	17.47		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 1-2 of 9A - 2014-15)	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
4	410328	P/F of interlocking pavement tiles in front of newly constructed FH at Central Store of Chutak PS	17.12				Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 1-2 of 9A - 2014-15)	
5	410714	DISTANCE RING (INQUADRANTS), DRG. NO 12060217303, ITEM NO. 3 OF ASSEMBLY DRG.NO.02060217302	4.22			4.22	Regulation 14(2).	Within Original Scope under revised cost estimate. Initial Spares purchased within ceiling limit as specified in CERC Tariff Regulations'2009. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 17-18.	Rs.881.10 Lacs (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
6	410714	TOP COVER PLATE (INQUADRANTS), DRG. NO 12060217304, ITEM NO. 4 OF ASSEMBLY DRG.NO.02060217301	3.98			3.98	Regulation 14(2).		
7	410714	BOLT M64 LONG X286 LONG (FRICTION COUPLING) AS PER BHEL DRG NO 3-205-01-1703	12.46			12.46	Regulation 14(2).		
8	410714	EHT ASSEMBLY FOR BHEL G-40 GOVERNOR (2 Nos.)	4.64	1.51		3.13	Regulation 14(2).		
9	411201	Construction of overhead tank and laying of main water supply for office and FH etc of Chutak PS.	18.68	2.4		16.28	Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 17-18.	Rs.183.00 Lacs (Sl. No. 13 of 2014-15 of CERC Order dt. 29.03.2017)





Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
10	411801	DESKTOP PC(6TH GEN INT CORE I5,3.3 GHZ,4GB DDR3,1 TB HDD,18.5 LED,WIN10 HOME) MAKE:HP, ,570-P053IN (6 Nos.)	2.81		2.81		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 23-30 of 9A - 2014-15)	
11	411803	HP LASER JET PRINTER 1020+ (10 Nos.)	1.02		1.02		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 23-30 of 9A - 2014-15)	
12	411804	UPS 600 VA (6 Nos.)	0.13		0.13		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 23-30 of 9A - 2014-15)	
13	412014	LED TELEVISION 32 INCH SONY MODEL KLV32R302E	0.25	0	0.25		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 23-30 of 9A - 2014-15)	
14	412503	METALIC BOTTEL 1 LITTER WITH LID - MAKE-GEL (4 Nos.)	0.07		0.07		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 55-67 of 9A - 2014-15)	
15	412014	LED TELEVISION 32 INCH SONY MODEL KLV32R302E ( 24 Nos.)	6.04	0.61	5.43		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 70-71 of 9A - 2014-15)	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
16	412014	LED TV 40 INCH SONY KLV-40W562D (3 Nos.)	1.53		1.53		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 70-71 of 9A - 2014-15)	
17	411902	CORE ALIGNMENT SPLICER FOR OFC MAKE: SUMITOMO JAPAN MODEL : ZIC WITH ALL STANDARD ACCESSORIES	2.6		2.6		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2014-15, however actual exp. incurred and capitalised during 17-18.	Rs.881.10 Lacs (Sl. No. 5 of 2014-15 of CERC Order dt. 29.03.2017)
		<b>SUB-TOTAL (B)</b>	<b>133.17</b>	<b>20.51</b>	<b>112.66</b>	<b>0.00</b>			

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Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
		(C) ALLOWED DURING PREVIOUS YEAR (2015-16)							
18	410301	P/L cement concrete interlocking paver blocks on the approach road to service bay inside MAT of PH.	6.25	0.41	5.84		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 8-19 of 9A - 2017-18)	
19	410328	Construction of shed for DG sets at Office cum residential complex of Chutak PS	15.97	2.93	13.04		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 8-19 of 9A - 2017-18)	
20	410714	SHAFT SLEEVE (IN HALVES), DRAWING NO 22050117302, ITEM NO. 2 OF ASSEMBLY DRG.NO.02050117301 (2 Nos.)	11.52		11.52		Regulation 14(2).	Within Original Scope under revised cost estimate. Initial Spares purchased within ceiling limit as specified in CERC Tariff Regulations'2009. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 64 of 9A - 2016-17)	Rs.1196.45 (Sl. No. 4 of 2015-16 of CERC Order dt. 29.03.2017)
21	410714	REGULATING RING DRG. NO. 1-203-01-17307, ITEM NO.44 OF ASSEMBLY DRAWING NO.0-203-01-17301	36.34		36.34		Regulation 14(2).		
22	410714	TGB OIL COOLER AS PER BHEL DRG. NO. 02060117301 (ITEM NO. 13) (4 Nos.)	12.49	1.91	10.58		Regulation 14(2).		
23	410714	TGB OIL COOLER, 1 SET ( 2 NOS.),ITEM NO. 13 OF ASSEMBLY DRG.NO.02060117301	7.32	1.12	6.2		Regulation 14(2).		
24	410714	LGB COOLER,DRG. NO (GENERAL SPARES, CHUTAK) (2 Nos.)	5.62		5.62		Regulation 14(2).		



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
25	411701	GODREJ STOREWEL PLAIN, ITEM CODE STSTW000XXX ( 10 Nos.)	2.08		2.08		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 84-86 of 9A - 2015-16)	
26	411701	GODREJ BOLTLESS SHELVING, SIZE 2502X1358X631MM, 4NOS. LEVEL, LOAD 200KG ( 30 Nos.)	4.05		4.05		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 84-86 of 9A - 2015-16)	
27	411701	STEEL RACK THREE SHELF OF SIZE 900MMX600MMX600MM ( 20 Nos.)	2.2		2.2		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 84-86 of 9A - 2015-16)	
28	411902	OPTICAL TIME DOMAIN REFLECTOMETER (OTDR) MAKE : EXFO CANADA, MODEL: MAX-715B-M1-EA WITH ACCESSORIES	1.77		1.77		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 17-18. (Ref. Sl. No. 61-80 of 9A - 2015-16)	
29	412007	100W HEATING PANELS	5.47		5.47		Regulation 14(2).	Within Original Scope under revised cost estimate. Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 17-18.	Rs.50.00 (Sl. No. 6 of 2015-16 of CERC Order dt. 29.03.2017)
		<b>SUB-TOTAL (C)</b>	<b>111.08</b>	<b>6.37</b>	<b>104.71</b>	<b>0.00</b>			
		<b>(D) NOT APPROVED BUT EXECUTED BASED ON SITE SPESIFIC REQUIREMENTS</b>							



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
30	410703	AUGMENTATION/CONSTRUCTION OF ADDITIONAL 5 MVA, 66/11KV TRANSFORMER BAY AT 66KV SWITCHYARD OF CPS	183.35		183.35		Regulation 14(3)(viii).	Not anticipated in Add cap but essentially required for safety of Power House.As per the original scheme of switchyard there was provision for only one 5 MVA transformer bay.This 5 MVA transformer was being used to feed power to the auxillaries of the powerhouse, incase of failure this tranformer there will not be any source to feed power to the auxillaries of Powerhouse hence the work was important.	
31	411201	SEWAGE TREATMENT PLANT OF 10KLD (SET)	10.78	10.5	0.28		Regulation 14(3)(viii).	Not anticipated in Add cap but statutory requirement for waste management at power house.	
32	411201	SEWAGE TREATMENT PLANT 20 KLD CAPACITY	13.05		13.05		Regulation 14(3)(viii).	Not anticipated in Add cap but statutory requirement for waste management at Colony.	
33	412503	DIGITAL INSULATION TESTER , 5 KV, RANGE 10 KOHM - 10 TOHM, MAKE: MEGGER, MODEL: MIT-515	3.48		3.48		Regulation 14(3)(viii).	Not anticipated in Add cap but essentially required for smooth operation of PH. It is a instrument which is used to check the insulation of the elctrical installations such as Generator,motors,transformers etc.	
34	412503	LED DISPLAY PANEL 86" LG 86UH5CB WITH LENOVO LAPTOP IP 110 WITH HDMI CABLE	7.47	0.69	6.78		Regulation 14(3)(viii).	Essentially required for SCADA at PH.The vital parameters of the generating units is dispalyed on the screen which is monitored by the operator/shift incharge of the powerhouse.	
		<b>SUB-TOTAL (D)</b>	<b>218.13</b>	<b>11.19</b>	<b>206.94</b>	<b>0.00</b>			
		<b>GRAND TOTAL (A+B+C+D)</b>	<b>462.38</b>	<b>38.07</b>	<b>424.31</b>	<b>0.00</b>			

1. In case the project has been completed and cost has already been admitted under any tariff notification(s) in the past, fill column 10 giving the cost as admitted for the purpose of tariff notification already issued by (Name of the authority) (Enclose copy of the tariff Order).
2. The above information needs to be furnished separately for each year / period of tariff period 2014-19.



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9

3. In case of de-capitalisation of assets separate details to be furnished at column 1, 2, 3 and 4. Further, the original book value and year of capitalisation of such asset to be furnished at column 8. Where de-caps are on estimated basis the same to be shown separately.

4. Where any asset is rendered unserviceable the same shall be treated as de-capitalised during that year and original value of such asset to be shown at col. 3. And impaired value if any, year of its capitalisation to be mentioned at column 8.

5. Justification against each asset of capitalization should be specific to regulations under which claim has been made and the necessity of capitalization of that particular asset.

**Note:**

1. Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries.

2. In case initial spares are purchased along with any equipment, then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

**For Arora Vohra & Co.  
Chartered Accountants**



**For NHPC Limited**

**(M G Gokhale)  
General Manager (Comml.)**

## Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner : NHPC LTD

Name of the Generating Station : CHUTAK PS

COD 01 February 2013

Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
		<b>(A) ALLOWED DURING THE YEAR -2018-19</b>	-	-	-	-			
		<b>SUB-TOTAL(2018-19) (A)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>			
		<b>( B ) ALLOWED DURING PREVIOUS YEAR (2014-15)</b>							
1	410321	P/F of wooden panelling,insulation & outside painting work for FH-VI at CPS (W-187)	34.87	1.64	33.23		Regulation 14(2).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 18-19. (Ref. Sl. No. 4-5 of 9A - 2014-15)	
2	410904	LT DISTRIBUTION PANEL I/C MCCB 4P 800A C/O SWITCH 4P 800A,O/G 4P MCCB 250AX4,MCCB 160AX2,MCCB 100AX2	3.72		3.72		Regulation 14(2).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 18-19. (Ref. Sl. No. 95-101 of 9A - 2014-15)	
3	412503	HAND-HELD WIRELESS PORTABLE RADIO MODEL-XIR-P3688,MAKE- MOTOROLA WITH ALL ACCESSORIES (COMPLETE SET) (8 Nos.)	1.04		1.04		Regulation 14(2).	Item has been allowed by CERC during 2014-15, however actual exp. partially incurred and capitalised during 18-19. (Ref. Sl. No. 31-34 of 9A - 2014-15)	
		<b>SUB-TOTAL (B)</b>	<b>39.63</b>	<b>1.64</b>	<b>37.99</b>	<b>0.00</b>			
		<b>( C ) ALLOWED DURING PREVIOUS YEAR (2015-16)</b>							
4	410201	Providing parapet on the right bank road from barrage to balley bridge (W-244) 122/000999	17.29		17.29		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 18-19 (ref. 105-106 of 2016-17).	Rs.208.09 (Sl. No. 11 of 2015-16 of



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Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
5	410201	Slope stabilization of approach road by laying stone pitching on the left bank at barrage at CPS	29.42		29.42		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 18-19 (ref. 105-106 of 2016-17).	CERC Order dt. 29.03.2017)
6	410201	Const of internal road of residential/office complex with interlocking tiles covering shed at CPS	37.9		37.9		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 18-19. (Ref. SI. No. 1-7 of 9A - 2015-16)	
7	410201	P/L cement concrete and protection work on road near newly constructed field hostel at store complex	0.69	0.33	0.36		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 18-19. (Ref. SI. No. 1-7 of 9A - 2015-16)	
8	410301	P/L cement concrete interlocking paver blocks on the approach road to service bay inside MAT of PH.	-0.02		-0.02		Regulation 14(2).	Item has been allowed by CERC during 2015-16 and Item has been capitalised previously on the basis of liability account for in the books of accounts however amount reduced at time of actual bill submission in 2018-19. (Ref. SI. No. 1-7 of 9A - 2015-16)	
9	410301	Construction of security shed & chain link fencing at switchyard of Chutak PS.	-0.02		-0.02		Regulation 14(2).	Item has been allowed by CERC during 2015-16 and Item has been capitalised previously on the basis of liability account for in the books of accounts however amount reduced at time of actual bill submission in 2018-19. (Ref. SI. No. 1-7 of 9A - 2015-16)	
10	410301	PVF of chequer plate on cable trench on PH & switchyard & erection of gate to barrage. .	0.24	0.22	0.02		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 18-19. (Ref. SI. No. 1-7 of 9A - 2015-16)	



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Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
11	410328	P/F of interlocking pavement tiles in front of newly constructed FH at Central Store of Chutak PS	-0.8		-0.8		Regulation 14(2).	Item has been allowed by CERC during 2015-16 and Item has been capitalised previously on the basis of liability account for in the books of accounts however amount reduced at time of actual bill submission in 2018-19. (Ref. Sl. No. 1-7 of 9A - 2015-16)	
12	410328	Const of trainig hall at Chutak PS.	19.72	7.59	12.13		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 16-17. (Ref. Sl. No. 18-19 of 9A - 2015-16)	
13	410703	OIL FILLING DEVICE WITH LIFTING HANDLE AND HAND PUMP UNIT ( CAP. 10 LTRS) - VRUSHABHNATH INDUSTRIES	0.81		0.81		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 18-19. (Ref. Sl. No. 87-93 of 9A - 2015-16)	
14	411112	SUBMERSIBLE PUMP, MAKE XYLEM MODEL FLYGT NP3202	1.74		1.74		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 18-19. (Ref. Sl. No. 81-82 of 9A - 2015-16)	
15	411201	DRILING OF 125mm DIA BOREWELL & INST PUMP AT CPS	3.00		3		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 18-19. (Ref. Sl. No. 81-82 of 9A - 2015-16)	
16	411201	Modification of Pipeline in dewatering & Drainage sump and inst. of monorail for handling of pumps	2.49		2.49		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 18-19. (Ref. Sl. No. 81-82 of 9A - 2015-16)	
17	411701	STORWEL WITH 4 SHELVES (6 Nos.)	0.97		0.97		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 18-19. (Ref. Sl. No. 84-86 of 9A - 2015-16)	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
18	411701	TABLE (1650X900X728) (4 Nos.)	0.98		0.98		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 18-19. (Ref. Sl. No. 84-86 of 9A - 2015-16)	
19	411701	MATTRESS FOR FOWLER BED, UNITED SURGICAL 5001C (2 Nos.)	0.22		0.22		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 18-19 (ref. 96-99 in 2016-17).	Rs.83.00 (Sl. No. 9 of 2015-16 of CERC Order dt. 29.03.2017)
20	411701	FOWLER BED MECHANICAL, UNITED SURGICAL USI 908H (2 Nos.)	1.31		1.31		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 18-19 (ref. 96-99 in 2016-17).	
21	411701	MEDICINE TROLLEY WITH 4 DRAWER, UNITED SURGICAL USI1057	0.28		0.28		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 18-19 (ref. 96-99 in 2016-17).	
22	411701	REVOLVING STOOL, UNITED SURGICAL 1075	0.05		0.05		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 18-19 (ref. 96-99 in 2016-17).	
23	412007	PLASTIC CUSHIONED CHAIR- MAKE-SUPREME, MODEL ORNATE (30 Nos.)	0.81		0.81		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 18-19. (Ref. Sl. No. 84-86 of 9A - 2015-16)	
24	412503	ANGLE GRINDER AG-4, MAKE -GWS 600, MODEL NO. 060137505F	0.02		0.02		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 18-19. (Ref. Sl. No. 87-93 of 9A - 2015-16)	
25	412503	TABLE (1650X900X728) (2 Nos.)	0.49		0.49		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. partially incurred and capitalised during 18-19. (Ref. Sl. No. 84-86 of 9A - 2015-16)	



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
26	410321	Const. of overhead tank for new FH at Store complex.	20.49	6.24	14.25		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 18-19.	Rs.83.00 (Sl. No. 9 of 2015-16 of CERC Order dt. 29.03.2017)
27	412503	ELECTRIC WATER HEATER FAUCET INSTANT TANKLESS LCD DIGITAL - MAKE-XECTES, MODEL- B07CCJ7MSF	0.02		0.02		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 18-19.	
28	412505	HUMIDIFIER, WATER TANK CAPACITY 3.3 LTR, MAKE CRANE, MODEL EE5301	1.95		1.95		Regulation 14(2).	Item has been allowed by CERC during 2015-16, however actual exp. incurred and capitalised during 18-19.	
		<b>SUB-TOTAL (C)</b>	<b>140.05</b>	<b>14.38</b>	<b>125.67</b>	<b>0.00</b>			
		<b>(D) NOT APPROVED BUT EXECUTED BASED ON SITE SPESIFIC REQUIREMENTS</b>							
29	410301	Capitalization entry for 4% (Impact of Wage Revision)	35.44		35.44		Regulation 14(1)(ii).	All the expenses incurred during construction has been allocated to major component of this power station and this Pay Anomaly Case since 1997 has been finalised in 2018-2019. Expenses on pay anomaly upto COD i.e, 01/02/2013 is being capitalised.	
30	410328	Const. of fire station adjacent to newly constructed workshop near switchyard of CPS.	30.23		30.23		Regulation 14(3)(viii).	Fire station is essentially required in the power station as per the safety manual and also a statutory requirement.	
31	410328	Supply, Inst,Testing & Comm of 100 wt heating panels for conference hall, medical, veg mess, etc	8.64		8.64		Regulation 14(3)(viii).	Keeping in view the harsh weather condition at Kargil where temperature dips to -30 degree centigrade, such heating arrangment is absolutly essential to protect against the extreme cold .il	
32	410601	Capitalization entry for 4% (Impact of Wage Revision)	60.19		60.19		Regulation 14(1)(ii).	All the expenses incurred during construction has been allocated to major component of this power station and this Pay Anomaly Case since 1997 has been finalised in 2018-2019. Expenses on pay anomaly upto COD i.e, 01/02/2013 is being capitalised	
33	410604	Capitalization entry for 4% (Impact of Wage Revision)	78.87		78.87		Regulation 14(1)(ii).		
34	410607	Capitalization entry for 4% (Impact of Wage Revision)	2.31		2.31		Regulation 14(1)(ii).		



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9
35	410701	Capitalization entry for 4% (Impact of Wage Revision)	60.23		60.23		Regulation 14(1)(ii).	01/02/2015 is being capitalised.	
36	410703	AUGMENTATION/CONSTRUCTION OF ADDITIONAL 5 MVA, 66/11KV TRANSFORMER BAY AT 66KV SWITCHYARD OF CPS	8.58		8.58		Regulation 14(3)(viii).	As per the original scheme of switchyard there was provision for only one 5 MVA transformer bay. This 5 MVA transformer was being used to feed power to the auxiliaries of the powerhouse, incase of failure this tranformer there will not be any source to feed power to the auxiliaries of Powerhouse hence the work was important.	
37	410703	Const of cable trench & foundation for 5MVA transformer at switchyard	12.99	2.1	10.89		Regulation 14(3)(viii).	The cable trench and foundation for 5 MVA transformer is used for the construction of 5 MVA additional transformer bay. This addition required as a precautionary measures as per laid down policy.	
38	412503	VERTICLE MOUNTED OPU MOTOR, 18.5KW, 3PHASE, 50HZ, INS. CLASS-F, 415V, 2995RPM, 0.9PF-DRG. NO. BHEL-J2632-201 (4 Nos.)	2.61		2.61		Regulation 14(3)(viii).	This motor along with oil pump is used to create pressure inside the oil sump and the presurised oil is used further for the movement of different servomotors of the generating unit.	
39	412503	ECO SOUNDER-HONDEX JAPAN HE-51C	1.1		1.1		Regulation 14(3)(viii).	It is a very essential instrument .It is used at Barrage to measure the depth of the reservoir and to determine the profile of the river/reservoir bed.	
		<b>SUB-TOTAL (D)</b>	<b>301.19</b>	<b>2.10</b>	<b>299.09</b>	<b>0.00</b>			
		<b>GRAND TOTAL (A+B+C+D)</b>	<b>480.87</b>	<b>18.12</b>	<b>462.75</b>	<b>0.00</b>			

1. In case the project has been completed and cost has already been admitted under any tariff notification(s) in the past, fill column 10 giving the cost as admitted for the purpose of tariff notification already issued by (Name of the authority) (Enclose copy of the tariff Order).
2. The above information needs to be furnished separately for each year / period of tariff period 2014-19.
3. In case of de-capitalisation of assets separate details to be furnished at column 1, 2, 3 and 4. Further, the original book value and year of capitalisation of such asset to be furnished at column 8. Where de-caps are on estimated basis the same to be shown separately.



Sl. No.	Head of account	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification if any	Admitted Cost by the Commission, if any
			Accrual addition in Rs. Lacs	Un-discharged Liability included in col.4	Cash basis	IDC included in col.3			
1		2	3	4	5=(4-3)	6	7	8	9

4. Where any asset is rendered unserviceable the same shall be treated as de-capitalised during that year and original value of such asset to be shown at col. 3. And impaired value if any, year of its capitalisation to be mentioned at column 8.

5. Justification against each asset of capitalization should be specific to regulations under which claim has been made and the necessity of capitalization of that particular asset.

**Note:**

1. Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries.
2. In case initial spares are purchased along with any equipment, then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

**For Arora Vohra & Co.  
Chartered Accountants**



**For NHPC Limited**

**(M G Gokhale)  
General Manager (Comml.)**

## Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : Chutak Power Station  
 Region/State/Distt. -

(Amount in Rs.)

Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
<b>FY 2014-15</b>							
<b>A</b>	<b>De-Capitalization of Assets claimed against additional capitalisation</b>						
1	LDST	411805	Additional Capitalisation	179177	31-10-2003	0	Items fully depreciated as on COD. Hence no further depreciation indicated in column 6
2	V-SAT	411805	Additional Capitalisation	127145	11-04-2006	0	
3	LONG DIST. SETELITE TELEPHONE	411805	Additional Capitalisation	15033	20-04-1999	0	
<b>SUB-TOTAL (2014-15)</b>		<b>(A)</b>		<b>321355</b>		<b>0</b>	
<b>B</b>	<b>DELETION KEPT UNDER EXCLUSION - 2014-15</b>						
4	SOLAR STREET LIGHT WITH COMPLETE SET, CFL 11 WATT, PANEL 75 WATT (2 Nos.)	410905	Exclusion	47522	05-09-2011	4942	
5	UPS 2 KVA ONLINE	411402	Exclusion	26151	31-12-2012	2419	
6	VISITOR CHAIR (GODREJ) - PHC-7003-D	411701	Exclusion	1	19-08-2004	934	
7	CHAIR PCH 7002 (REVOLVING) (2 Nos.)	411701	Exclusion	12320	08-08-2007	1868	
8	CHAIR PCH 7031	411701	Exclusion	4802	08-09-2009	4801	
9	MATTRESS (72'X36) (4 THICK) (15 Nos.)	411702	Exclusion	99000	30-12-2013	7905	
10	SINGLE BED OPAL	411707	Exclusion	7582	28-12-2011	801	
11	SOFA SET 5 SEATER	411707	Exclusion	13219	30-12-2008	2052	
12	SOFA SET 5 SEATER	411707	Exclusion	13218	30-12-2008	2052	



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Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
13	MATTRESS(QUEEN SIZE DOUBLE BED) 5 THICKNESS78X60,GODREJ	411707	Exclusion	276963	27-12-2011	43719	
14	MATTRESS(OPALSINGLE BED) 5" THICKNESS, 75X36, GODREJ (10 Nos.)	411707	Exclusion	86018	27-12-2011	13470	
15	COMPUTER - HCL + INTERNAL CD WRITER	411801	Exclusion	6145	26-08-2003	0	
16	COMPUTER (COMPAQ) -INTEL PENTIUM-4	411801	Exclusion	1	24-07-2005	0	
17	COMPUTER (COMPAQ) -INTEL PENTIUM-4	411801	Exclusion	1	05-10-2006	0	
18	COMPUTER -HCL-INTEL CORE 2 DUO (2 Nos.)	411801	Exclusion	7400	30-07-2009	7398	
19	2.5" USB EXTERNAL HARD DISK CAPACITY 500GB (2 Nos.)	411804	Exclusion	11360	25-09-2012	10759	
20	LAN SWITCH, 16 PORT	411804	Exclusion	1	05-09-2011	0	
21	16 PORT 10/100/1000 MBPS, L2, 19" RACK-MOUNTABLE LAN SWITCH WITH 2 SFP SLOT	411804	Exclusion	16264	31-12-2011	11204	
22	LAN SWITCH, 16 PORT (3 Nos.)	411804	Exclusion	68838	31-12-2011	40968	
23	24 PORT SWITCH (CISCO 2960G)	411804	Exclusion	96285	30-07-2010	86656	
24	CYBEROAM CR50IA APPLIANCE	411804	Exclusion	51450	30-12-2013	3941	
25	SERVO VOLTAGE STABLISER 2 KVA	411805	Exclusion	1	28-09-2004	0	
26	POWER SUPPLY UNIT OF LDST	411805	Exclusion	1	06-11-2003	0	
27	PA DRIVER UNIT AU-40XT	412006	Exclusion	1	01-10-2010	0	
28	PA CASSETTE PLAYER AMPLIFIER, UPA-1200, 120W, AC & 12V DC	412006	Exclusion	7900	01-10-2010	915	
29	PA REFLEX HORN WFB	412006	Exclusion	1	01-10-2010	0	



Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
30	EXIDE IVA TABULAR IT 500, 150 AH 12 V BATTERY (3 Nos.)	412007	Exclusion	3	25-07-2005	0	Items are in the nature of minor assets, tools and tackels, Furniture, Computers etc. Accordingly, deletion of such items are claimed under exclusion as addition of these items are not allowed by CERC subsequently after cut off date.
31	EXIDE INVA TUBULAR IT 500,150AA	412007	Exclusion	7085	22-08-2007	1068	
32	INVERTER EXIDE - MHD1500 PLUS	412007	Exclusion	7453	17-06-2008	1030	
33	INVERTER EXIDE - 800VA MICROTEK	412007	Exclusion	5255	17-06-2008	5254	
34	INVERTER EXIDE - 800VA MICROTEK	412007	Exclusion	5254	17-06-2008	5253	
35	GYSER 50 LTR BAJAJ	412007	Exclusion	7087	22-08-2007	1049	
36	LPG GAS HEATER GASPA-IG-63 (2 Nos.)	412007	Exclusion	12286	02-12-2006	2294	
37	LPG HEATER-REGU. SUPERHEAT T-120	412007	Exclusion	5326	19-10-2003	5325	
38	MATTRESS(QUEEN SIZE DOUBLE BED) 5 THICKNESS78X60,GODREJ (8 Nos.)	412007	Exclusion	87376	01-12-2010	14816	
39	NUTRON AUTOMATIC STABILIZER 2KVA 90V	412020	Exclusion	6980	30-12-2013	335	
40	SONY HANDYCAM DSC HC 36 E & M STICK OF 1 GB	412020	Exclusion	8513	15-02-2007	1354	
41	SONY HANDYCAM DSC HC 36 E & M STICK OF 1 GB	412020	Exclusion	8512	15-02-2007	1354	
42	SONY DIGITAL CYBER SHOT CAMERA DSC W-35	412020	Exclusion	8595	22-06-2007	1316	
43	OIL RADITOR HEATER, 230V, 2000W	412020	Exclusion	6200	10-12-2012	617	
44	LPG ROOM HEATER 3 PLATE	412503	Exclusion	12698	26-11-2010	1678	
45	LPG ROOM HEATER 3 PLATE	412503	Exclusion	8900	30-12-2013	426	
46	DINNING CHAIR WITH SAME SPECIFICATION AS ABOVE AT SR. NO.107	412801	Exclusion	1	02-08-2006	0	



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Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
47	WOODEN CHAIR WITHOUT ARM WITH CUSHION SEAT MADE OF WALLNUT (EASY ROOM CHAIR) CUSHION P U FOAM	412801	Exclusion	1	21-12-2006	0	
48	CHAIR PCH 7004 (VISITOR CHAIR)	412801	Exclusion	1	08-08-2007	0	
49	GODREJ CHAIR PCH -7112 R	412801	Exclusion	1	01-12-2010	0	
50	COMPUTER CHAIR PCH-7031	412801	Exclusion	1	01-12-2010	0	
51	STEEL ALMIRAH (75X33X18) (5 Nos.)	412801	Exclusion	5	25-04-2002	0	
52	WOODEN BED (6X3) PLATFORM TYPE OF KIKER WOOD (4 Nos.)	412801	Exclusion	4	02-08-2006	0	
53	HEAT CONVECTOR	412801	Exclusion	1760	31-12-2012	1759	
54	HEAT CONVECTOR (3 Nos.)	412801	Exclusion	5100	13-06-2013	5097	
55	HEAT CONVECTOR (HALOGEN LAMP TYPE) (5 Nos.)	412801	Exclusion	6995	11-03-2013	6990	
56	PEDESTAL FAN	412801	Exclusion	2650	30-07-2013	2649	
57	INVERTER 1360 VA SUKAM	412801	Exclusion	1	03-09-2003	0	
58	INVERTER MICROTEK 850VA UPS EB	412801	Exclusion	1	26-03-2007	0	
59	600 KVA UPS	412801	Exclusion	1	30-07-2009	0	
60	600 KVA UPS	412801	Exclusion	1	30-07-2009	0	
61	TABLE LAMP ADVANTA (3 Nos.)	412801	Exclusion	3	10-09-2007	0	
62	DISH TV DTH (4 Nos.)	412801	Exclusion	4	10-05-2006	0	
63	2.5" USB EXTERNAL HARD DISK CAPACITY 500GB (3 Nos.)	412801	Exclusion	3	13-03-2012	0	
64	1 TB USB EXTERNAL HARD DISK	412801	Exclusion	4935	10-09-2013	4934	
65	USB DRIVE-2GB-MOSERBAER	412801	Exclusion	1	24-01-2007	0	
66	USB DRIVE-1GB (JET FLASH)	412801	Exclusion	1	30-03-2007	0	
67	MIXER GRINDER (GLEN), MODEL GL4013	412801	Exclusion	1	19-03-2012	0	



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Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
68	MIXER GRINDER (AMEET), MODEL TA-2038	412801	Exclusion	1	19-03-2012	0	
69	ELECTRIC RICE COOKER (4 Nos.)	412801	Exclusion	14652	26-03-2014	14648	
70	ELECTRIC PILLAR HEATER, WATTS - 750-1500W (8 Nos.)	412801	Exclusion	38000	14-12-2012	37992	
71	ELECTRIC HALOGEN HEATER, 1200W, 230V, 3NOS OF TUBE (5 Nos.)	412801	Exclusion	10750	10-12-2012	10745	
72	WATER FILTER (PUREIT)HINDUSTAN UNILEVER, MODEL : PUREIT	412801	Exclusion	2350	26-03-2014	2349	
73	FLYING INSECT KILLER (2 Nos.)	412801	Exclusion	2	11-09-2008	0	
74	RAYMOND BLANKETS ( 10 Nos.)	412801	Exclusion	10	10-09-2007	0	
75	ELECTRIC BLANKETS (6 Nos.)	412801	Exclusion	6	10-09-2007	0	
76	BLOOD GLUCOMETER COMPLETE SET	412801	Exclusion	1	04-04-2008	0	
77	BP APPRATUS MERCURY TYPE STAND MODEL	412801	Exclusion	1	12-08-2004	0	
78	B P APARATUS MERCURY (Dr.Morpan)	412801	Exclusion	1	04-04-2008	0	
79	DIGITAL B P APARATUS (Omeron)	412801	Exclusion	1	04-04-2008	0	
80	COMPENSATION FOR TREES COMING UNDER SUBMERGENCE AREA OF VILLIAGE KANOOR-SARCHAY	410111	Exclusion	24633	28-12-2011	1144	
81	COMPENSATION FOR STRUCTURE FENCING COMING UNDER SUBMERGENCE AREA OF VILLIAGE KANOOR-SARCHAY	410111	Exclusion	85994	28-12-2011	4004	
82	LAND COMMING UNDER NHPC ROAD CHUTAK - CHOSKORE	410111	Exclusion	73106	06-03-2012	3394	

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Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
83	TREES COMPENSATION FOR ADIT -II, ROAD & PLATFORM IN VILLAGE STICHEY (FRUIT BEARING)	410111	Exclusion	964299	01-04-2006	50508	Inter Head Adjustments. The additions of items also kept under exclusion in Form-9D 2014-15 (ref. Sl. No. 1-21).
84	TREES COMPENSATION FOR ADIT-II, ROAD & PLATFORM IN VILLAGE STICHEY, BALANCE PAYMENT, NON FRUIT BEARING	410111	Exclusion	294392	01-04-2006	15425	
85	TREE COMPENSATION ON LAND AQUIRED FOR LINK ROAD FROM NHPC PROJECT MINJI BRIDGE TO STICKCHY BRIDGE	410111	Exclusion	859577	01-04-2006	45035	
86	TREES COMPENSATION ON APPROACH ROAD TO STICKCHEY BRIDGE & TURNING ZIG	410111	Exclusion	113488	01-04-2006	5949	
87	TREES COMPENESATION GOVERNMENT LAND.	410111	Exclusion	204732	01-04-2006	10715	
88	TREES COMPENESATION (BALANCE PAYMENT) GOVERNMENT LAND	410111	Exclusion	115240	01-04-2006	6044	
89	TREES COMPENESATION (ADDITIONAL) GOVERNMENT LAND	410111	Exclusion	21612	01-04-2006	1125	
90	TREE COMPENSATION FOR CONST OF LINK ROAD FROM RD 0MTR TO RD160 MTR FROM K-Z ROAD TO BAILEY BRIDGE	410111	Exclusion	103319	01-04-2006	5415	
91	TREES COMPENSATION ( GVERNMENT LAND)	410111	Exclusion	780763	01-04-2006	40898	
92	TREES COMPENSATION ( GVERNMENT LAND)	410111	Exclusion	1135797	01-04-2006	59488	

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Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks	
1	2		3	4	5	6	7	
93	TREES COMPENSATION ( GVERNMENT LAND)	410111	Exclusion	941793	01-04-2007	49325		
94	TREES COMPENSATION ( GVERNMENT LAND)	410111	Exclusion	13001	01-04-2008	686		
95	TREES COMPENSATION	410111	Exclusion	25773	01-04-2008	1316		
96	COMPENSATION FOR FRUIT & NON-FRUIT BEARING TREES	410111	Exclusion	324947	01-04-2010	15978		
97	CROP COMPENSATION FOR ADDITIONAL LAND 31 KANAL 01 MARLA FOR CONSTRUCTION OF SWAITCHYARD	410111	Exclusion	309768	01-04-2010	15234		
98	COMPENSATION FOR FRUIT & NON-FRUIT BEARING TREES COMING UNDER SUBMERGENCE AREA	410111	Exclusion	2590681	29-09-2010	125497		
99	Compensation for trees under submergence	410111	Exclusion	52207	22-07-2011	2460		
100	COMPENSATION FOR LAND IN SUBMERGENCE AREA 6 KANAL 10 MARLA	410111	Exclusion	388088	20-09-2011	17598		
101	DIST. TRANSFORMER 630KVA,11/0.415KV,50HZ,3-PHASE,OUTDOOR TYPE,DYN-11,COOLING-ONAN REF:-IS:2026/1977	410703	Exclusion	557920	14-10-2014	0		Inter Head Adjustments. The additions of items also kept under exclusion in Form-9D 2014-15 (ref. Sl. No. 22).



Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
102	METERING CUBICAL WITH TRIVECTOR METER,CT & PT FOR 250KVA SUBSTATION, METER, L&T, ER300P	410711	Exclusion	121500	30-12-2014	0	Inter Head Adjustments. The additions of items also kept under exclusion in Form-9D 2014-15 (ref. Sl. No. 23-24).
103	METERING CUBICAL WITH TRIVECTOR METER,CT & PT FOR 630 KVA SUBSTATION, METER, L&T,ER300P SERIES	410711	Exclusion	130500	30-10-2014	0	
104	1 TB USB EXTERNAL HARD DISK (2 Nos.)	411804	Exclusion	10200	24-03-2015	41	The additions of items kept under exclusion in Form-9D 2014-15 (ref. Sl. No. 25-26).
105	MATTRESS (72'X36) (4 THICK) (48 Nos.)	412801	Exclusion	217536	11-12-2014	217488	
106	GAS BHATTI SINGLE BURNER HEAVY DUTY (2 Nos.)	412503	Exclusion	2700	20-03-2015	0	Inter Head Adjustments. The additions of items also kept under exclusion in Form-9D 2014-15 (ref. Sl. No. 27).
<b>SUB-TOTAL (2014-15) (B)</b>				<b>11600780</b>		<b>1071903</b>	
<b>Total 2014-15 (A+B)</b>				<b>11922135</b>		<b>1071903</b>	

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

## Details of Assets De-capitalized during the period

Name of the Petitioner : **NHPC Limited**  
 Name of the Generating Station : **Chutak Power Station**  
 Region/State/Distt. -

(Amount in Rs.)

Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
<b>2015-16</b>							
<b>A</b>	<b>De-Capitalization of Assets claimed against additional capitalisation</b>						
1	COOLING WATER SYSTEM	410704	Additional Capitalisation	1500000	29-11-2012	184474	
2	AIR CONDITIONING AND VENTILATION SYSTEM	410709	Additional Capitalisation	3500000	29-11-2012	430398	
3	GENERATING PLANT AND MACHINERY	410711	Additional Capitalisation	198000	29-11-2012	24356	
4	MISC. POWER PLANT EQUIPMENTS	410713	Additional Capitalisation	5650000	29-11-2012	694806	
<b>SUB-TOTAL (2015-16) (A)</b>				<b>10848000</b>		<b>1334034</b>	
<b>B</b>	<b>DELETION KEPT UNDER EXCLUSION - 2015-16</b>						
5	PORTABLE HOT AIR BLOWER WITH VARIABLE TEMPERATURE CONTROL - BOSCH - 060194A050 (10 Nos.)	412801	Exclusion	30880	15-08-2015	30870	The additions of items kept under exclusion in Form-9D 2015-16 (ref. Sl. No. 01).
6	DINNING TABLE 3*6 WITH 6 CHAIRS	411701	Exclusion	8783	17-05-2007	2419	
7	COMPUTER (COMPAQ) -INTEL PENTIUM-4	411801	Exclusion	1	24-07-2005	0	
8	COMPUTER -HCL-INTEL CORE 2 DUO (2 Nos.)	411801	Exclusion	7400	30-07-2009	7398	

Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
9	HP DESK JET PRINTER	411803	Exclusion	1	30-07-2009	0	Items are in the nature of minor assets, tools and tackels, Furniture, Computers etc. Accordingly, deletion of such items are claimed under exclusion as addition of these items are not allowed by CERC subsequently after cut off date.
10	HP LASER JET PRINTER 1022	411803	Exclusion	1	05-10-2006	0	
11	HP LASER JET PRINTER NO. 1319 MEP	411803	Exclusion	5123	23-07-2010	5122	
12	PA DRIVER UNIT AU-40XT	412006	Exclusion	1	01-10-2010	0	
13	PA MICROPHONE, AWM-890UHF	412006	Exclusion	7055	01-10-2010	1465	
14	LPG GAS HEATER GASPA (3 Nos.)	412007	Exclusion	19153	09-12-2007	5007	
15	LPG HEATER-REGU. SUPERHEAT T-120	412007	Exclusion	5165	19-10-2002	5164	
16	LPG HEATER-REGU. SUPERHEAT T-120	412007	Exclusion	5326	19-10-2003	4127	
17	LPG HEATER-REGU. SUPERHEAT T-120	412007	Exclusion	5325	19-10-2003	4126	
18	LPG GAS HEATER	412020	Exclusion	7837	16-03-2009	1840	
19	LPG HEATER+REGU SUPERHEAT-T-120	412020	Exclusion	5565	18-02-2004	4366	
20	LPG HEATER (WITHOUT REGULATOR) SUPER HEAT T-120	412020	Exclusion	4967	04-12-2004	4966	
21	LG TV 21 FLAT	412501	Exclusion	5533	22-08-2007	2190	
22	LPG ROOM HEATER 3 PLATE (2 Nos.)	412503	Exclusion	12698	26-11-2010	2590	
23	LPG ROOM HEATER 3 PLATE	412503	Exclusion	8900	30-12-2013	990	
24	HEAT CONVECTOR (9 Nos.)	412801	Exclusion	15840	20-03-2013	15831	
25	HEAT CONVECTOR (HALOGEN LAMP TYPE) (5 Nos.)	412801	Exclusion	6995	20-03-2013	6990	
26	ORIENT CEILING FAN 48	412801	Exclusion	1	30-07-2003	0	
27	FAN USHA KOHIMA (2 Nos.)	412801	Exclusion	2	11-02-2004	0	
28	STABLIZER 2KVA	412801	Exclusion	1	03-09-2003	0	
29	ELECTRIC KETTLE STAINLESS STEEL (2 Nos.)	412801	Exclusion	2300	26-03-2014	2298	
30	WATER FILTER (PUREIT)HINDUSTAN UNILEVER, MODEL : PUREIT	412801	Exclusion	1400	20-05-2014	1399	
31	TELEPHONE SET 2 LINE CORDLESS MODEL KX-TC 1085- PANASONIC	412801	Exclusion	1	17-05-2006	0	



Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
32	WEIGHING MACHINE DIGITAL IMPORTED (Dr. Morpan)	412801	Exclusion	1	04-04-2008	0	
33	600 KVA UPS (2 Nos.)	412801	Exclusion	2	30-07-2009	0	
34	WOODEN CHAIR WITHOUT ARM WITH CUSHION SEAT MADE OF WALLNUT (EASY ROOM CHAIR) CUSHION P U FOAM (4 Nos.)	412801	Exclusion	4	02-08-2006	0	
35	ELECTRIC PILLAR HEATER, WATTS - 750-1500W (5 Nos.)	412801	Exclusion	23750	14-12-2012	23745	
36	ELECTRIC HALOGEN HEATER, 1200W, 230V, 3NOS OF TUBE (9 Nos.)	412801	Exclusion	19350	10-12-2012	19341	
<b>SUB-TOTAL (2015-16)</b>		<b>(B)</b>		<b>209361</b>		<b>152244</b>	
<b>Total 2015-16 (A+B)</b>				<b>11057361</b>		<b>1486278</b>	

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)



## Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : Chutak Power Station  
 Region/State/Distt. -

(Amount in Rs.)

Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
<b>2016-17</b>							
<b>A</b>	<b>De-Capitalization of Assets claimed against additional capitalisation</b>						
	<b>SUB-TOTAL (2016-17) (A)</b>			<b>0</b>	<b>0</b>	<b>0</b>	
<b>B</b>	<b>DELETION KEPT UNDER EXCLUSION - 2016-17</b>						
1	Entry for modification of IndAs entry for GL 880501&880701 vide Cir IndAs/27 dt. 28-2-2017	410701	Exclusion	1356083	29-11-2012	307787	IndAs Adjustment on account of Fair Valuation
2	COMPUTER (COMPAQ) -INTEL PENTIUM-4 (2 Nos.)	411801	Exclusion	2	05-10-2006	0	Claimed under exclusion as these items are not allowed by CERC after cut off date.
3	COMPUTER -HCL-INTEL CORE 2 DUO (8 Nos.)	411801	Exclusion	29600	30-07-2009	29592	
	<b>SUB-TOTAL (2016-17) (B)</b>			<b>1385685</b>		<b>337379</b>	
	<b>Total 2016-17 (A+B)</b>			<b>1385685</b>		<b>337379</b>	

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
 (M G Gokhale)  
 General Manager (Comml.)

## Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : Chutak Power Station  
 Region/State/Distt. -

(Amount in Rs.)

Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
<b>2017-18</b>							
<b>A</b>	<b>De-Capitalization of Assets claimed against additional capitalisation</b>						
1	BICYCLE, KOMPAC ST 6S FOLDING (FIREFOX)	411512	Additional Capitalisation	11610	26-09-2013	11609	
2	MAIN GENERATING EQUIPMENT	410701	Additional Capitalisation	116315	29-11-2012	32734	
<b>Total 2017-18</b>				<b>127925</b>		<b>44343</b>	

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
 General Manager (Comml.)

## Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : Chutak Power Station  
 Region/State/Distt. -

(Amount in Rs.)

Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
<b>2018-19</b>							
<b>A</b>	<b>De-Capitalization of Assets claimed against additional capitalisation</b>						
<b>SUB-TOTAL (2018-19) (A)</b>				<b>0</b>		<b>0</b>	
<b>B</b>	<b>DELETION KEPT UNDER EXCLUSION - 2018-19</b>						
1	SOLAR STREET LIGHT WITH COMPLETE SET, CFL 11 WATT, PANEL 75 WATT (3 Nos.)	410905	Exclusion	71283	05-09-2011	21525	
2	CHAIR PCH 7002 (REVOLVING)	411701	Exclusion	6160	08-08-2007	3580	
3	GODREJ TABLE T9	411701	Exclusion	12226	31-12-2011	4969	
4	GODREJ TABLE T8	411701	Exclusion	7746	31-12-2011	3142	
5	WOODEN CENTRE TABLE ( SIZE 4 X 2 X1.5 FEET) WITH GLASS TOP	411707	Exclusion	9768	11-12-2014	2531	
6	MATTRESS(QUEEN SIZE DOUBLE BED) 5 THICKNESS78X60,GODREJ	411707	Exclusion	14577	31-12-2011	5991	
7	LENOVO 3000 Y 50077616 AQ LAPTOP WITH CARRY CASE	411801	Exclusion	7406	15-02-2007	3703	
8	PANASONIC FAX MACHINE KX-FP152	411902	Exclusion	6288	12-07-2003	4798	
9	FAX MACHINE- HP LASERJET - 3030	411902	Exclusion	13667	22-02-2006	8987	
10	DATA COLLECTION DEVICE MAKE : ANALOGIT WITH 4 MB MEMORY FOR SECURE MAKE METER	411903	Exclusion	110160	26-09-2013	31471	
11	PA REFLEX HORN WFB	412006	Exclusion	1	01-10-2010	0	
12	LPG ROOM HEATER 3 PLATE (7 Nos.)	412007	Exclusion	63574	19-03-2012	25571	



Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
13	GAZAL GAS HEATER MODEL HQG57 QUARTZ (12 Nos.)	412007	Exclusion	111300	20-03-2012	44712	Items are in the nature of minor assets, tools and tacksels, Furniture, Computers etc. Accordingly, deletion of such items are claimed under exclusion as addition of these items are not allowed by CERC subsequently after cut off date.
14	LPG GAS HEATER GASPA-IG-63 (6 Nos.)	412007	Exclusion	36858	02-12-2006	22794	
15	KEROSINE HEATER HEATKING H K 5 MODEL	412007	Exclusion	8149	22-11-2006	5042	
16	LPG GAS HEATER GASPA (10 Nos.)	412007	Exclusion	63847	09-12-2007	35800	
17	KEROSINE HEATER HEATKING H K 5 MODEL (4 Nos.)	412007	Exclusion	35818	09-12-2007	19876	
18	LPG HEATER-REGU. SUPERHEAT T-120 (4 Nos.)	412007	Exclusion	4	08-11-2007	0	
19	LPG HEATER-REGU. SUPERHEAT T-120 (7 Nos.)	412007	Exclusion	36155	19-10-2002	36148	
20	LPG HEATER-REGU. SUPERHEAT T-120 (9 Nos.)	412007	Exclusion	47926	19-10-2003	37136	
21	KEROSINE HEATER HEATKING H K 5 MODEL (6 Nos.)	412007	Exclusion	34283	19-10-2003	26549	
22	LPG GAS HEATER GASPA-IG-63	412007	Exclusion	6143	02-12-2006	3799	
23	NUTRON AUTOMATIC STABILIZER 2KVA 90V	412020	Exclusion	6980	27-12-2013	2226	
24	LPG GAS HEATER (6 Nos.)	412020	Exclusion	47025	16-03-2009	23676	
25	OIL FILLED ROOM HEATER, 11 FING, 230VOLT	412020	Exclusion	8820	30-09-2014	1976	
26	LPG HEATER+REGU SUPERHEAT-T-120 (5 Nos.)	412020	Exclusion	27824	18-02-2004	21829	
27	LPG HEATER (WITHOUT REGULATOR) SUPER HEAT T-120	412020	Exclusion	19868	04-12-2004	19864	
28	BASE COMPUTER SOFTWARE MAKE: SECURE, M-QUBED (SUITABLE FOR DOWNLOADING THE DATA FROM DCD TO PC)	412201	Exclusion	96900	26-09-2013	96900	



Sl. No.	Name of the Asset	Head of Account	Nature of de-capitization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
29	OVEN MEDIUM SIZE ( UP TO 250' C ) SIZE - 1616X16)	412502	Exclusion	7786	25-09-2012	3069	
30	LPG ROOM HEATER 3 PLATE (13 Nos.)	412503	Exclusion	82537	26-11-2010	36101	
31	LPG ROOM HEATER 3 PLATE (8 Nos.)	412503	Exclusion	71200	30-12-2013	22584	
32	OIL FILLED ROOM HEATER, 11 FING, 230VOLT (2 Nos.)	412503	Exclusion	17640	31-12-2013	4798	
33	TABLE (3X4X205)	412801	Exclusion	1	11-04-2002	0	
34	COMPUTER TABLE C1	412801	Exclusion	1	08-09-2009	0	
35	PEDESTAL FAN (9 Nos.)	412801	Exclusion	23850	30-07-2013	23841	
36	STABILIZER 2 KVA	412801	Exclusion	3800	28-09-2016	3799	
37	UPS 600 VA WINPOWER	412801	Exclusion	1	05-10-2006	0	
38	UPS 1 KVA OFFLINE (5 Nos.)	412801	Exclusion	22000	25-09-2013	21995	
39	800 VA UPS (MAKE MICROTECH) (5 Nos.)	412801	Exclusion	15875	22-08-2012	15870	
40	Halogen Fitting 500W (6 Nos.)	412801	Exclusion	5100	22-12-2016	5094	
41	Halogen Fitting 1000W (2 Nos.)	412801	Exclusion	3380	22-12-2016	3378	
42	SONY VCD PLAYER	412801	Exclusion	1	21-01-2003	0	
43	TELEPHONE SETS (4 Nos.)	412801	Exclusion	4	23-10-2007	0	
44	BEETEL TELEPHONE SET	412801	Exclusion	1	14-07-2008	0	
45	MATRIX INSTRUMENT NEO-10 WITH CALLER ID	412801	Exclusion	1425	12-03-2013	1424	
46	LAN SWITCH 8 PORT	412801	Exclusion	1176	26-03-2014	1175	
47	DLINK WIRELESS MODEM (ASDL+ROUTER WITH SINGLE ANTENNA)	412801	Exclusion	2000	11-12-2012	1999	
48	DLINK WIRELESS MODEM (ADSL+ROUTER WITH SINGLE ANTENNA)	412801	Exclusion	2600	07-08-2012	2599	

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Sl. No.	Name of the Asset	Head of Account	Nature of de-capitlization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	7
49	DLINK WIRELESS MODEM (ASDL+ROUTER WITH SINGLE ANTENNA)	412801	Exclusion	2400	02-04-2013	2399	
50	VIP ELANZA 27 ULC	412801	Exclusion	1	31-05-2004	0	
51	ELECTRIC PILLAR HEATER, WATTS - 750-1500W (27 Nos.)	412801	Exclusion	128250	14-12-2012	128223	
52	ELECTRIC HALOGEN HEATER, 1200W, 230V, 3NOS OF TUBE (16 Nos.)	412801	Exclusion	34400	10-12-2012	34384	
53	MISC. ASSETS/EQUIPMENTS	412503	Exclusion	950		0	
<b>SUB-TOTAL (2018-19) (B)</b>				<b>1337135</b>		<b>827327</b>	
<b>Total 2018-19 (A+B)</b>				<b>1337135</b>		<b>827327</b>	

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comr)

## Statement showing reconciliation of ACE claimed with the capital additions as per books

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : CHUTAK POWER STATION  
 COD : 01.02.2013

(Rs. in Lakh)

Sl. No.	Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7
	Closing Gross Block	86442.46	87659.42	88616.38	89209.02	89728.56
	Less: Opening Gross Block	84563.18	86442.46	87659.42	88616.38	89209.02
	<b>Total Additions as per books</b>	<b>1879.28</b>	<b>1216.96</b>	<b>956.96</b>	<b>592.64</b>	<b>519.53</b>
	Less: Additions pertaining to other Stages (give Stage wise breakup)	-	-	-	-	-
	<b>Net Additions pertaining to instant project/Unit/Stage</b>	<b>1879.28</b>	<b>1216.96</b>	<b>956.96</b>	<b>592.64</b>	<b>519.53</b>
	Less: Exclusions in addition (items not allowable / not claimed) Form 9(D)	105.28	4.42	15.88	131.52	52.02
	Less: Exclusions in deletion (items not allowable / not claimed) Form 9B(i)	-116.01	-2.09	-13.86	-	-13.37
	Less : Assumed Deletion	-	-	-	-	-
	<b>Net Additional Capital Expenditure Claimed (Form9(A) LESS Claimable portion of Form9B(i))</b>	<b>1890.01</b>	<b>1214.64</b>	<b>954.93</b>	<b>461.13</b>	<b>480.88</b>

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

## Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner : NHPC LTD  
 Name of the Generating Station : CHUTAK PS  
 COD : 01-02-2013

Rs. In Lakhs

Sl. No.	Head of Account	Head of Work / Equipment	ACE Claimed under Exclusion				Justification
			Accural basis	Un-discharged Liability included In col.3	Cash basis	IDC included In col.3	
1		2	3	4	5=3-4	6	7
<b>FY 2014-15</b>							
1	410121	COMPENSATION FOR TREES COMING UNDER SUBMERGENCE AREA OF VILLIAGE KANOOR-SARCHAY	0.25		0.25		Assets have been earlier capitalised under the account head 410111 which was allowed by CERC during the tariff period 2009-14. Later on the assets have been moved to account head 410121 by deleting the equivalent amount from account head 410111. Accordingly both addition as well as deletion entries are kept under exclusion in Form-9D and Form-9B(i) (ref. Sl. No. 80-100 of 9B(i) 2014-15) respectively.
2	410121	COMPENSATION FOR STRUCTURE FENCING COMING UNDER SUBMERGENCE AREA OF VILLIAGE KANOOR-SARCHAY	0.86		0.86		
3	410121	TREES COMPENSATION FOR ADIT -II, ROAD & PLATFORM IN VILLAGE STICHEY (FRUIT BEARING)	9.64		9.64		
4	410121	TREES COMPENSATION FOR ADIT-II,ROAD & PLATFORM IN VILLAGE STICHEY,BALANCE PAYMENT,NON FRUIT BEARING	2.94		2.94		
5	410121	TREE COMPENSATION ON LAND AQUIRED FOR LINK ROAD FROM NHPC PROJECT MINJI BRIDGE TO STICKCHY BRIDGE	8.6		8.6		
6	410121	TREES COMPENSATION ON APPROACH ROAD TO STICKCHEY BRIDGE & TURNING ZIG	1.13		1.13		
7	410121	TREES COMPENASATION GOVERNMENT LAND.	2.05		2.05		
8	410121	TREES COMPENASATION (BALANCE PAYMENT) GOVERNMENT LAND	1.15		1.15		
9	410121	TREES COMPENASATION (ADDITIONAL) GOVERNMENT LAND	0.22		0.22		
10	410121	TREE COMPENSATION FOR CONST OF LINK ROAD FROM RD 0MTR TO RD160 MTR FROM K-Z ROAD TO BAILEY BRIDGE	1.03		1.03		
11	410121	TREES COMPENSATION ( GVERNMENT LAND)	7.81		7.81		
12	410121	TREES COMPENSATION ( GVERNMENT LAND)	11.36		11.36		
13	410121	TREES COMPENSATION ( GVERNMENT LAND)	9.42		9.42		
14	410121	TREES COMPENSATION ( GVERNMENT LAND)	0.13		0.13		
15	410121	TREES COMPENSATION	0.26		0.26		
16	410121	COMPENSATION FOR FRUIT & NON-FRUIT BEARING TREES	3.25		3.25		
17	410121	CROP COMPENSATION FOR ADDITIONAL LAND 31 KANAL 01 MARLA FOR CONSTRUCTION OF SWAITCHYARD	3.1		3.1		
18	410121	COMPENSATION FOR FRUIT & NON-FRUIT BEARING TREES COMING UNDER SUBMERGENCE AREA	25.91		25.91		
19	410121	Compensation for trees under submergence	0.52		0.52		
20	410121	COMPENSATION FOR LAND IN SUBMERGENCE AREA 6 KANAL 10 MARLA	3.88		3.88		
21	410121	LAND COMMING UNDER NHPC ROAD CHUTAK - CHOSKORE	0.73		0.73		





Sl. No.	Head of Account	Head of Work / Equipment	ACE Claimed under Exclusion				Justification
			Accural basis	Un-discharged Liability Included In col.3	Cash basis	IDC included In col.3	
1		2	3	4	5=3-4	6	7
22	410703	DIST. TRANSFORMER 630KVA,11/0.415KV,50HZ,3-PHASE,OUTDOOR TYPE,DYN-11,COOLING-ONAN REF:- IS:2026/1977	5.58		5.58		Assets have been inadvertently capitalised under the account head 410703. Later on the assets have been moved to account head 410904 by deleting the equivalent amount from account head 410703. Accordingly both addition as well as deletion entries are kept under exclusion in Form-9D and Form-9B(i) (ref. Sl. No. 101 of 9B(i) 2014-15) respectively.
23	410711	METERING CUBICAL WITH TRIVECTOR METER,CT & PT FOR 250KVA SUBSTATION, METER, L&T, ER300P SERIES	1.22		1.22		Assets have been inadvertently capitalised under the account head 410711. Later on the assets have been moved to account head 410904 by deleting the equivalent amount from account head 410711. Accordingly both addition as well as deletion entries are kept under exclusion in Form-9D and Form-9B(i) (ref. Sl. No. 102-103 of 9B(i) 2014-15) respectively.
24	410711	METERING CUBICAL WITH TRIVECTOR METER,CT & PT FOR 630 KVA SUBSTATION, METER, L&T,ER300P SERIES	1.31		1.31		Assets have been inadvertently capitalised under the account head 410711. Later on the assets have been moved to account head 410904 by deleting the equivalent amount from account head 410711. Accordingly both addition as well as deletion entries are kept under exclusion in Form-9D and Form-9B(i) (ref. Sl. No. 102-103 of 9B(i) 2014-15) respectively.
25	411804	1 TB USB EXTERNAL HARD DISK (2 Nos.)	0.1		0.1		Both addition as well as deletion entries are kept under exclusion in Form-9D and Form-9B(i) (ref. Sl. No. 104-105 of 9B(i) 2014-15) respectively.
26	412801	MATTRESS (72'X36) (4 THICK) (48 Nos.)	2.18		2.18		Both addition as well as deletion entries are kept under exclusion in Form-9D and Form-9B(i) (ref. Sl. No. 104-105 of 9B(i) 2014-15) respectively.
27	412503	GAS BHATTI SINGLE BURNER HEAVY DUTY (2 Nos.)	0.03		0.03		Assets have been inadvertently capitalised under the account head 412503. Later on the assets have been moved to account head 412801 by deleting the equivalent amount from account head 412503. Accordingly both addition as well as deletion entries are kept under exclusion in Form-9D and Form-9B(i) (ref. Sl. No. 106 of 9B(i) 2014-15) respectively.
28	412503	DIAL BORE GAUGE 50-150MM ( MOTOTOYO NO. 511-703)	0.12		0.12		Claimed under Exclusion being tools and tackles not covered under the original scope.
29	412503	SUBMERSIBLE PUMP 2 HP SINGLE PHASE HEAD-10 MTRS TO 2.5 MTS, ETERNA, KIRLOSKAR MODEL NO. 1300 BW	0.5		0.5		
			105.28	0	105.28	0	


**Note:**

1. Exclusions claimed on assets not allowed in Tariff should be supported by the specific reference of Commission Order date, Petition No., amount disallowed, etc..
2. For inter unit transfer, nature of transfer i.e. temporary or permanent should be mentioned. It is to be certified that exclusion sought in receiving station only and not in sending station or in both the station.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

## Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner : NHPC LTD  
 Name of the Generating Station : CHUTAK PS  
 COD : 01-02-2013

Sl. No.	Head of Account	Head of Work / Equipment	ACE Claimed under Exclusion				Justification
			Accural basis	Un-discharged Liability Included in col.3	Cash basis	IDC included in col.3	
1		2	3	4	5=3-4	6	7
<b>FY 2015-16</b>							
1	412801	PORTABLE HOT AIR BLOWER WITH VARIABLE TEMPERATURE CONTROL - BOSCH - 060194A050	0.31		0.31		Both addition as well as deletion entries are kept under exclusion in Form-9D and Form-9B(i) (ref. Sl. No. 5 of 9B(i) 2015-16) respectively.
2	412503	WEIGHING MACHINE (2 Nos.)	0.88		0.88		Claimed under Exclusion being tools and tackles not covered under the original scope.
3	412503	TRANSFORMER REGULATOR TYPE WELDING SET, 3PH, 440 V, AMP: 450 A, MAKE: ELECTRA KOKOTAWA, METRO-III (2 Nos.)	0.95		0.95		
4	412503	DIGITAL MULTIMETER, AC VOLTAGE 1000V, DC VOLTAGE 1000V, 10 A, 0.1 OHM TO 40 MEGAOHM (4 Nos.)	0.56		0.56		
5	412503	OXYGEN CYLINDER WITH GAS FILLED CAPACITY-7 CUM (9 Nos.)	1.73		1.73		
			<b>4.42</b>	<b>0.00</b>	<b>4.42</b>	<b>0</b>	

**Note:**

- Exclusions claimed on assets not allowed in Tariff should be supported by the specific reference of Commission Order date, Petition No., amount disallowed, etc..
- For inter unit transfer, nature of transfer i.e. temporary or permanent should be mentioned. It is to be certified that exclusion sought in receiving station only and not in sending station or in both the station.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
 (M G Gokhale)  
 General Manager (Comml.)

## Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner : NHPC LTD  
Name of the Generating Station : CHUTAK PS  
COD : 01-02-2013

Rs. In Lakhs

Sl. No.	Head of Account	Head of Work / Equipment	ACE Claimed under Exclusion				Justification
			Accural basis	Un-discharged Liability included In col.3	Cash basis	IDC included in col.3	
1		2	3	4	5=3-4	6	7
<b>FY 2016-17</b>							
1	410701	Entry for modification of IndAs entry for GL 880501&880701 vide Cir IndAs/27 dt. 28-2-2017	0.01		0.01		IndAs Adjustment on account of Fair Valuation
2	410713	MANUAL HOIST CAPACITY-3-TON, LIFT 10MTR WITH MOVING TROLLEY, GR-80 ALLOY STEEL CHAIN,HOOKS & ALLOY (2 Nos.)	1.90		1.90		Claimed under Exclusion being tools and tackles not covered under the original scope.
3	410713	MANUAL HOIST CAPACITY-3-TON, LIFT 10MTR WITH MOVING TROLLEY, GR-80 ALLOY STEEL CHAIN,HOOKS & ALLOY (2 Nos.)	1.70		1.70		
4	412503	Rotary Hammer TE 30 230V (MR1221679)	0.46		0.46		
5	412503	HYDRAULIC BOLT TENSIONER FOR M64x4 SIZE BOLTS, CPACITY 150T WITH HYDRAULIC PUMP, FLEXIBLE HOPE PIPE	3.86		3.86		
6	412503	HYDRAULIC BOLT TENSIONER FOR M64x4 SIZE BOLTS, CPACITY 150T WITH HYDRAULIC PUMP, FLEXIBLE HOPE PIPE	3.86		3.86		
7	412503	SINGLE PHASE WELDING MACHINE,MAIN VOLTAGE -230 V,WELDING CURRENT RANGE 5-180 A DC,OPEN CIRCUIT VOLTA	0.27		0.27		
8	412503	INVERTER BASED PLASMA ARC CUTTING & GUAGING MACHINE, RANGE 1MM-40MM - ESAB CUSTOMER 100	3.81		3.81		
			<b>15.88</b>	<b>0.00</b>	<b>15.88</b>	<b>0</b>	

**Note:**

- Exclusions claimed on assets not allowed in Tariff should be supported by the specific reference of Commission Order date, Petition No., amount disallowed, etc..
- For inter unit transfer, nature of transfer i.e. temporary or permanent should be mentioned. It is to be certified that exclusion sought in receiving station only and not in sending station or in both the station.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

## Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner : NHPC LTD  
Name of the Generating Station : CHUTAK PS  
COD : 01-02-2013

Rs. In Lakhs

Sl. No.	Head of Account	Head of Work / Equipment	ACE Claimed under Exclusion				Justification
			Accural basis	Un-discharged Liability Included In col.3	Cash basis	IDC Included In col.3	
1		2	3	4	5=3-4	6	7
<b>FY 2017-18</b>							
1	410701	Entry for modification of IndAs entry vide Cir IndAs/27 dt. 28-2-2017	1.08		1.08		IndAs Adjustment on account of Fair Valuation
2	410703	SF6 GAS REFILLING TROLLEY WITH REGULATOR, PRESSURE GAUGE, PIPE, BREAKER CONNECTOR ETC	0.21		0.21		Claimed under Exclusion being tools and tackles not covered under the original scope.
3	412503	TIRFOR (HEAVY EQUIP. PULLING DEVICE)-5 TON (2 Nos.)	0.72		0.72		
4	412503	WEIGHING MACHINE	0.50		0.50		
5	412801	BLOCK LEVEL, 200X 0.02MM/METER (2 Nos.)	0.63		0.63		
6	412801	DIAL GAUGE WITH LEAST COUNT 0.01 MM	0.26		0.26		
7	412801	OUTSIDE MICROMETER 0-25 MM	0.24		0.24		
8	412801	OUTSIDE MICROMETER 25x50 MM	0.29		0.29		
9	412801	OS MICRO METER 50-75	0.35		0.35		
10	411806	SITC OF CISCO ROUTERS	1.70		1.70		
11	410714	COLLARED NUT M64 AS PER BHEL DRG NO 4-205-01-17310	10.76		10.76		
12	410714	GUIDE VANE LINK ROD AS PER BHEL DRG NO. 3-203-01-17327	16.35		16.35		
13	410714	STUD M56X170 LONG , DRG. NO 42050117305,ITEM NO. 8 OF ASSEMBLY DRG.NO.02050117301 (12 Nos.)	3.53		3.53		
14	410714	SHEAR BUSH, DRG. NO 32050117302,ITEM NO. 7 OF ASSEMBLY DRG.NO.02050117301 (9 Nos.)	2.47		2.47		
15	410714	FITTED BOLT M-56, DRG. NO 22050117304,ITEM NO. 4 OF ASSEMBLY DRG.NO.02050117301 (12 Nos.)	4.88		4.88		
16	410714	HEX NUT M-56, DRG. NO 42050117308,ITEM NO. 05OF ASSEMBLY DRG.NO.02050117301 (32 Nos.)	7.71		7.71		
17	410714	LINK PIN (RH),DRG. NO 22030117304,ITEM NO. 29 OF ASSEMBLY DRG.NO.02030117301 (20 Nos.)	2.73		2.73		
18	410714	LINK PIN (LH),DRG. NO 22030117303,ITEM NO. 30 OF ASSEMBLY DRG.NO.02030117301( 20 Nos.)	2.75		2.75		
19	410714	THRUST BEARING PAD ( 1 SET=12NOS)DRG. NO12550127604,ITEM NO. 1	24.82		24.82		
20	410714	SPHERICAL NUT M56 SKETCH 20501-01, BHEL (3-203-01-17324) (ITEM NO.13 OF ASS. DRG. NO.0-203-01-17301) (6 Nos.)	1.66		1.66		
21	410714	BOTTOM COVER PLATE (INQUADRANTS), DRG. NO 12060217302,ITEM NO. 2 OF ASSEMBLY DRG.NO.02060217301	4.82		4.82		
22	410714	TURBINE GUIDE BEARING HOUSING DRG. NO. 0-206-01-13102, ITEM NO.10 OF ASSEMBLY DRG. NO.0-206-01-17	36.11		36.11		
23	410714	SPHERICAL WASHER M 56 SKETCH 20501-02 (12 Nos.)	0.06		0.06		
24	410714	SPHERICAL NUT M56, SKETCH-20501-01	3.10		3.10		



Sl. No.	Head of Account	Head of Work / Equipment	ACE Claimed under Exclusion				Justification
			Accural basis	Un-discharged Liability Included in col.3	Cash basis	IDC Included In col.3	
1		2	3	4	5=3-4	6	7
25	410714	HAND WHEEL FOR GATE LIMITER ASSEMBLY, ITEM NO.10 OF BHEL DRG.NO.02000016803 (2 Nos.)	0.09		0.09		
26	410714	PILOT SLIDE VALVE ASSEMBLY, ITEM NO.47 BHEL DRG NO. 02000016803 (2 Nos.)	0.47		0.47		
27	410714	ISOLATING NEEDLE VALVE/ANGLE VALVE, ITEM NO.75 FOR BHEL DRG NO. 02000016803 (2 Nos.)	0.07		0.07		
28	410714	MDV SLEEVE & SPOOL ASEMBLY,ITEM NO. 24 & 25 OF BHEL DRG NO. 02083949029	1.01		1.01		
29	410714	PRESSURE REDUCING VALVE WITH FITTING TO SUIT THE GOVERNOR HMC - DRG. NO 0200016803 ( 4 Nos.)	2.02		2.02		
30	410714	LOCK NUT M36X4,DRAWING NO 32060116422,ITEM NO. 52OF ASSEMBLY DRG.NO.02060117301	0.14		0.14		
			<b>131.52</b>	<b>0.00</b>	<b>131.52</b>	<b>0.00</b>	

**Note:**

1. Exclusions claimed on assets not allowed in Tariff should be supported by the specific reference of Commission Order date, Petition No., amount disallowed, etc..
2. For inter unit transfer, nature of transfer i.e. temporary or permanent should be mentioned. It is to be certified that exclusion sought in receiving station only and not in sending station or in both the station.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comm)

## Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner : NHPC LTD  
Name of the Generating Station : CHUTAK PS  
COD : 01-02-2013

Rs. In Lakhs

Sl. No.	Head of Account	Head of Work / Equipment	ACE Claimed under Exclusion				Justification
			Accural basis	Un-discharged Liability Included in col.3	Cash basis	IDC included in col.3	
1		2	3	4	5=3-4	6	7
<b>FY 2018-19</b>							
1	412503	CURRENT METER, MAKE-RKEC, MODEL- RK-01	0.26		0.26		Claimed under Exclusion being measuring instruments, tools and tackles etc. not covered under the original scope.
2	412503	BORE MICRO METER WITH DIGITAL DIALSIZE 18MM TO 35MM	0.14		0.14		
3	412503	BORE MICRO METER WITH DIGITAL DIALSIZE 35MM TO 60 MM	0.14		0.14		
4	412503	BORE MICRO METER WITH DIGITAL DIALSIZE 50MM TO 150MM	0.16		0.16		
5	412503	WATER VELOCITY INDICATOR, MAKE-RKEC, MODEL- DVI-V1	0.11		0.11		
6	412503	ORDINARY RAIN GAUGE , MAKE-RKEC, MODEL- RK-ORG	0.05		0.05		
7	412503	MAX & MIN THERMOMETER RANGE -40 0C TO 50 0C MERCURY TYPE (6 Nos.)	0.15		0.15		
8	412503	WATER DISTILLATION PANT, 10 LPH CAPACITY-SIGMA, 10 LPH	0.75		0.75		
9	412503	SINGLE PHASE WELDING MACHINE, MAIN VOLTAGE -230 V, WELDING CURRENT RANGE 5-180 A DC, OPEN CIRCUIT VOLTA	0.23		0.23		
10	412503	INVERTER BASED PLASMA ARC CUTTING & GUAGING MACHINE, RANGE 1MM-40MM - ESAB CUSTOMER 100	2.68		2.68		
11	412503	MISC. ASSETS/EQUIPMENTS	0.01		0.01		Both addition as well as deletion entries are kept under exclusion in Form-9D and Form-9B(i) (ref. Sl. No. 53 of 9B(i) 2018-19) respectively.
12	410714	CISCO ASA 5500 SERIES FIREWALL	8.50		8.50		Capital Spares purchased beyond original scope. The same will be claimed in tariff whenever such assets are actually put to use (As per Ind AS).
13	410714	UGB OIL COOLER (OIL COOLER FOR UPPER GUIDE BEARING OF GENERATOR (4 Nos.))	10.36		10.36		
14	410714	BOTTOM OIL COOLERS (OIL COOLERS OF LOWER GUIDE BEARING OF GENERATOR) ( 4 Nos.)	6.94		6.94		
15	410714	ENGINEERING WORKSTATION WITH DONGLE- MAKE: HP, MODEL: HP-Z238	21.54		21.54		
			<b>52.02</b>	<b>0.00</b>	<b>52.02</b>	<b>0.00</b>	

**Note:**

- Exclusions claimed on assets not allowed in Tariff should be supported by the specific reference of Commission Order date, Petition No., amount disallowed, etc..
- For inter unit transfer, nature of transfer i.e. temporary or permanent should be mentioned. It is to be certified that exclusion sought in receiving station only and not in sending station or in both the station.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

**Statement of Capital Cost**  
(To be given for relevant dates and year wise)

Name of the Petitioner : NHPC Ltd.

Name of the Generating Station : Chutak Power Station

(Amount in Lakhs)

Sl. No.	Particulars	As on relevant date <sup>1</sup>
A	a) Opening Gross Block amount As per books	
	b) Amount of Capital liabilities in A(a) above	
	c) Amount of IDC in A(a) above	
	d) Amount of FC in A(a) above	
	e) Amount of FERV in A(a) above	
	f) Amount of Hedging Cost in A(a) above	
	g) Amount of IEDC in A(a) above	
B	a) Addition in Gross Block amount during the period (Direct purchases)	
	b) Amount of Capital liabilities in B(a) above	
	c) Amount of IDC in B(a) above	
	d) Amount of FC in B(a) above	
	e) Amount of FERV in B(a) above	
	f) Amount of Hedging Cost in B(a) above	
	g) Amount of IEDC in B(a) above	
C	a) Addition in Gross Block amount during the period (Transfer from CWIP)	
	b) Amount of Capital liabilities in C(a) above	
	c) Amount of IDC in C(a) above	
	d) Amount of FC in C(a) above	
	e) Amount of FERV in C(a) above	
	f) Amount of Hedging Cost in C(a) above	
	g) Amount of IEDC in C(a) above	
D	a) Deletion in Gross Block Amount during the period	
	b) Amount of Capital liabilities in D(a) above	
	c) Amount of IDC in D(a) above	
	d) Amount of FC in D(a) above	
	e) Amount of FERV in D(a) above	
	f) Amount of Hedging Cost in D(a) above	
	g) Amount of IEDC in D(a) above	
E	a) Closing Gross Block amount As per books	
	b) Amount of Capital liabilities in E(a) above	
	c) Amount of IDC in E(a) above	
	d) Amount of FC in E(a) above	
	e) Amount of FERV in E(a) above	
	f) Amount of Hedging Cost in E(a) above	
	g) Amount of IEDC in E(a) above	

NOT APPLICABLE

**Note:**

1. Relevant date/s means date of COD of unit/s/station and financial year start date and end date.

**For Arora Vohra & Co.**  
**Chartered Accountants**

**For NHPC Limited**


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**(M G Gokhale)**  
**General Manager (Comml)**

## Statement of Capital Woks in Progress

(To be given for the relevant dates and year wise)

Name of the Petitioner : NHPC Ltd.

Name of the Generating Station : Chutak Power Station

(Amount in Rs. Lakhs)


Sl. No.	Particulars	As on relevant date <sup>1</sup>
<b>A</b>	a) Opening CWIP As per books	
	b) Amount of Capital liabilities in A(a) above	
	c) Amount of IDC in A(a) above	
	d) Amount of FC in A(a) above	
	e) Amount of FERV in A(a) above	
	f) Amount of Hedging Cost in A(a) above	
	g) Amount of IEDC in A(a) above	
<b>B</b>	a) Addition in CWIP during the period	
	b) Amount of Capital liabilities in B(a) above	
	c) Amount of IDC in B(a) above	
	d) Amount of FC in B(a) above	
	e) Amount of FERV in B(a) above	
	f) Amount of Hedging Cost in B(a) above	
	g) Amount of IEDC in B(a) above	
<b>C</b>	a) Transferred to Gross Block Amount during the period	
	b) Amount of Capital liabilities in C(a) above	
	c) Amount of IDC in C(a) above	
	d) Amount of FC in C(a) above	
	e) Amount of FERV in C(a) above	
	f) Amount of Hedging Cost in C(a) above	
	g) Amount of IEDC in C(a) above	
<b>D</b>	a) Deletion in CWIP during the period	
	b) Amount of Capital liabilities in D(a) above	
	c) Amount of IDC in D(a) above	
	d) Amount of FC in D(a) above	
	e) Amount of FERV in D(a) above	
	f) Amount of Hedging Cost in D(a) above	
	g) Amount of IEDC in D(a) above	
<b>E</b>	a) Closing CWIP as per books	
	b) Amount of Capital liabilities in E(a) above	
	c) Amount of IDC in E(a) above	
	d) Amount of FC in E(a) above	
	e) Amount of FERV in E(a) above	
	f) Amount of Hedging Cost in E(a) above	
	g) Amount of IEDC in E(a) above	

NOT APPLICABLE

**Note:**

1. Relevant date/s means date of COD of unit/s/station and financial year start date and end date.

**For Arora Vohra & Co.  
Chartered Accountants**




**For NHPC Limited**



**(M G Gokhale)  
General Manager (Comml.)**

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## Financing of Additional Capitalisation

Name of the Petitioner : NHPC Ltd.  
 Name of the Generating Station : Chutak Power Station  
 COD : 01.02.2013

(Amount in Rs. Lakhs)

Financial Year (Starting from COD) <sup>1</sup>	Actual / projected					Admitted				
	2014-15	2015-16	2016-17	2017-18	2018-19	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7	8	9	10	11
Amount capitalised in Work / Equipment	2,239.47	1,635.81	1,035.59	518.56	523.96					
<b>Financing Details</b>										
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan <sup>2</sup>										
<b>Equity</b>										
Internal Resources	2,239.47	1,635.81	1,035.59	518.56	523.96					
Others (Pl. specify)										
<b>Total</b>	<b>2,239.47</b>	<b>1,635.81</b>	<b>1,035.59</b>	<b>518.56</b>	<b>523.96</b>					

Note:

1 Year 1 refers to Financial Year of COD and Year 2, Year 3 etc. are the subsequent financial years respectively.

2 Loan details for meeting the additional capitalisation requirement should be given as per FORM-7 or 8 whichever is relevant.

For Arora Vohra & Co.  
Chartered Accountants




For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

## Calculation of Depreciation

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

(Amount in ₹)

Sl. No.	Name of the Assets <sup>1</sup>	HOA	Gross Block as on 31.03.2014	Gross Block as on 31.03.2015	Gross Block as on 31.03.2016	Gross Block as on 31.03.2017	Gross Block as on 31.03.2018	Gross Block as on 31.03.2019	Depreciation Rates as per CERC's Depreciation Rate Schedule (%)	Depreciation Amount as on 31.03.2015	Depreciation Amount as on 31.03.2016	Depreciation Amount as on 31.03.2017	Depreciation Amount as on 31.03.2018	Depreciation Amount as on 31.03.2019
	1		2						3	4=Col.2X Col.3				
1	Land – Freehold	410101	0.00						0	0.00	0.00	0.00	0.00	0.00
2	Land – Leasehold	410111	51381897.00	46487614.00	46665942.00	46665942.00	46665942.00	46665942.00	3.34%	1552686.00	1558642.00	1558642.00	1558642.00	1558642.00
3	Land– Right to Use	410121	0.00	9423210.00	9423210.00	9423210.00	9423210.00	9423210.00	3.34%	314735.00	314735.00	314735.00	314735.00	314735.00
4	Roads and Bridges	4102XX	39484263.00	42858855.00	55731494.00	59695373.00	61005250.00	69535578.00	3.34%	1431486.00	1861432.00	1993825.00	2037575.00	2322488.00
5	Buildings Others	4103XX except 01	49085885.00	84041140.00	98030114.00	106741968.00	110051414.00	121366233.00	3.34%	2806974.00	3274206.00	3565182.00	3675717.00	4053632.00
6	Building containing GPM	410301	1031384837.00	1034679988.00	1046504829.00	1050522678.00	1055600238.00	1059165139.00	3.34%	34558312.00	34953261.00	35087457.00	35257048.00	35376116.00
7	Railway sidings		0.00	0.00		0.00	0.00	0.00	5.28%	0.00	0.00	0.00	0.00	0.00
8	Hydraulic Works(Dams, Water Conductor system, Hydro mechanical gates, tunnels)	4106XX	4457426113.00	4569144205.00	4605578099.00	4611444460.00	4611444460.00	4625581463.00	5.28%	241250814.00	243174524.00	243484267.00	243484267.00	244230701.00
9	Generating Plant and machinery	4107XX	2780775360.00	2787549910.00	2808694656.00	2867768135.00	2908530095.00	2921525551.00	5.28%	147182635.00	148299078.00	151418158.00	153570389.00	154256549.00
10	Plant and machinery Sub station	4108XX	1471101.00	1471101.00	1471101.00	1471101.00	1471101.00	1471101.00	5.28%	77674.00	77674.00	77674.00	77674.00	77674.00
11	Plant and machinery Transmission lines	4109XX	2462910.00	7755643.00	9255643.00	9255643.00	9255643.00	9556060.00	5.28%	409498.00	488698.00	488698.00	488698.00	504560.00
12	Plant and machinery Others	4110XX	3843954.00	5949118.00	5949118.00	5949118.00	5949118.00	5949118.00	5.28%	314113.00	314113.00	314113.00	314113.00	314113.00
13	Construction Equipment	4111XX	19951738.00	21580490.00	21751949.00	23903927.00	23903927.00	24077994.00	5.28%	1139450.00	1148503.00	1262127.00	1262127.00	1271318.00
14	Water Supply System/Drainage and Sewerage	4112XX	324972.00	941660.00	1235663.00	1235663.00	5487604.00	6036104.00	5.28%	49720.00	65243.00	65243.00	289745.00	318706.00
15	Electrical installations	4114XX	41901.00	15750.00	15750.00	15750.00	15750.00	15750.00	5.28%	832.00	832.00	832.00	832.00	832.00
16	Vehicles	4115XX	112914.00	1332213.00	6039164.00	10083202.00	10071592.00	10071592.00	9.50%	126560.00	573721.00	957904.00	956801.00	956801.00
17	Aircraft/ Boats	4116XX	0.00	0.00	0.00	0.00	0.00	0.00	9.50%	0.00	0.00	0.00	0.00	0.00
18	Furniture and fixture	4117XX	3554657.00	7344788.00	7448405.00	8762925.00	9596705.00	9927189.00	6.33%	464925.00	471484.00	554693.00	607471.00	628391.00
19	Computers	4118XX	3753413.00	5453970.00	5441444.00	5490802.00	6056884.00	6049478.00	15.00%	818096.00	816217.00	823620.00	908533.00	907422.00
20	Communication Equipment	4119XX	859961.00	6457925.00	11980473.00	11980473.00	12417073.00	12286958.00	6.33%	408787.00	758364.00	758364.00	786001.00	777764.00
21	Office Equipments	4120XX	6032593.00	6388726.00	16842215.00	17498975.00	18828279.00	18354704.00	6.33%	404406.00	1066112.00	1107685.00	1191830.00	1161853.00
22	Research and Development	4121XX	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
23	Computer Software	412201	149404.00	149404.00	149404.00	149404.00	149404.00	52504.00	15.00%	22411.00	22411.00	22411.00	22411.00	7876.00
24	Other assets	4125XX	3407412.00	4302114.00	6725030.00	12359632.00	13582863.00	14594511.00	6.33%	272324.00	425694.00	782365.00	859795.00	923833.00
25	Capital Expenditure on assets Not Owned by NHPC	4126XX	0.00	0.00		0.00		0.00	6.33%	0.00	0.00	0.00	0.00	0.00
26	Tangible Assets of minor value >750 and < Rs.5000	4128XX	812452.00	918017.00	1008560.00	1219694.00	1395646.00	1149380.00	5.28%	48471.00	53252.00	64400.00	73690.00	60687.00
27	Obsolete / surplus assets	4130XX	0.00	0.00					0.00%	0.00	0.00	0.00	0.00	0.00
	<b>TOTAL</b>		<b>8456317737</b>	<b>8644245841</b>	<b>8765942263</b>	<b>8861638075</b>	<b>8920902198</b>	<b>8972855559</b>		<b>433654909</b>	<b>439718196</b>	<b>444702395</b>	<b>447738094</b>	<b>450024693</b>
										<b>5.017%</b>	<b>5.016%</b>	<b>5.018%</b>	<b>5.019%</b>	<b>5.015%</b>

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

## Statement of Depreciation

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Chutak Power Station

(Amount in ₹ Lakh)

Sl. No.	Particulars	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	2		3	4	5	6	7
1	Opening Capital Cost	84,247.63	86,865.46	89,104.93	90,740.74	91,776.33	92,294.89
2	Closing Capital Cost	86,865.46	89,104.93	90,740.74	91,776.33	92,294.89	92,818.85
3	Average Capital Cost	85,556.55	87,985.20	89,922.84	91,258.54	92,035.61	92,556.87
4	Freehold land	0.00	0.00	0.00	0.00	0.00	0.00
5	Rate of depreciation	5.008%	5.017%	5.016%	5.018%	5.019%	5.015%
6	Depreciable value	77,000.89	79,186.68	80,930.55	82,132.68	82,832.05	83,301.18
7	Balance useful life at the beginning of the period	34.84	33.84	32.84	31.84	30.84	29.84
8	Remaining depreciable value (at the beginning)	75,806.76	73,707.58	71,037.86	67,746.49	63,866.25	59,716.46
9	Depreciation (for the period)	4,284.97	4,413.94	4,510.72	4,579.61	4,619.25	4,642.10
10	Depreciation (annualized)						
11	Cumulative depreciation at the end of the period	5479.10	9,893.04	14,403.41	18,965.80	23,585.05	28,226.82
12	Less : Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009 / Station COD, whichever is later.						
13	Less : Cumulative depreciation adjustment on account of de-capitalisation (Refer Form-9B(i))		0.36	17.22	-	0.33	-
14	Net Cumulative depreciation at the end of the period	5,479.10	9,892.69	14,386.19	18,965.80	23,584.72	28,226.82

## Note:

1. In case of details of FERV and AAD, give information for the applicable period.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited


(M G Gokhale)  
General Manager (Comml.)

Calculation of Weighted Average Rate of Interest on Actual Loans<sup>1</sup>Name of the Company  
Name of the Power StationNHPC LTD.  
CHUTAK PS

(Amount in lacs)

Sl. no.	Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
	1	2	2	3	4	5	6
<b>1</b>	<b>PFC</b>						
	Gross loan - Opening	7000	7000.00	7000.00	7000.00	7000.00	7000.00
	Cumulative repayments of Loans upto previous year	1050	1750.00	2450.00	3150.00	3850.00	7000.00
	Net loan - Opening	5950	5250.00	4550.00	3850.00	3150.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	700	700.00	700.00	700.00	3150.00	0.00
	Net loan - Closing	5250	4550.00	3850.00	3150.00	0.00	0.00
	Average Net Loan	5600	4900.00	4200.00	3500.00	1575.00	0.00
	Rate of Interest on Loan	9.79%	9.90%	10.17%	10.17%	10.17%	7.80%
	Interest on loan	548.47	491.69	422.12	349.90	107.24	0.00
<b>2</b>	<b>SUB-ORDINATE DEBT Govt. of India</b>						
	Gross loan - Opening	36400.00	36400.00	36400.00	38336.00	52971.00	55475.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	36400.00	36400.00	36400.00	38336.00	52971.00	55475.00
	Add: Drawal(s) during the Year	0.00	0.00	1936.00	14635.00	2504.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	2311.46
	Net loan - Closing	36400.00	36400.00	38336.00	52971.00	55475.00	53163.54
	Average Net Loan	36400.00	36400.00	37368.00	45653.50	54223.00	54319.27
	Rate of Interest on Loan	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
	Interest on loan	910.00	910.00	916.74	1251.10	1347.44	1377.53
<b>3</b>	<b>CORPORATION BANK LOAN</b>						
	Gross loan - Opening	88.00	88.00	88.00	88.00	88.00	88.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	1.83	9.17	16.50	88.00
	Net loan - Opening	88.00	88.00	86.17	78.83	71.50	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	1.83	7.33	7.33	71.50	0.00
	Net loan - Closing	88.00	86.17	78.83	71.50	0.00	0.00
	Average Net Loan	88.00	87.08	82.50	75.17	35.75	0.00
	Rate of Interest on Loan	10.25%	10.25%	10.25%	9.65%	8.75%	8.75%
	Interest on loan	9.02	8.98	8.07	7.16	1.10	0.00
<b>4</b>	<b>Q SERIES BONDS</b>						
	Gross loan - Opening	500.00	500.00	500.00	500.00	500.00	500.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	41.67	83.33	125.00
	Net loan - Opening	500.00	500.00	500.00	458.33	416.67	375.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	41.67	41.67	41.67	41.67
	Net loan - Closing	500.00	500.00	458.33	416.67	375.00	333.33
	Average Net Loan	500.00	500.00	479.17	437.50	395.83	354.17
	Rate of Interest on Loan	9.25%	9.25%	9.25%	9.25%	9.25%	9.25%
	Interest on loan	46.25	46.25	46.02	42.16	38.33	34.48
<b>5</b>	<b>R-1 Series BONDS</b>						
	Gross loan - Opening	192.00	192.00	192.00	192.00	192.00	192.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	16.00	32.00	48.00	64.00
	Net loan - Opening	192.00	192.00	176.00	160.00	144.00	128.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	16.00	16.00	16.00	16.00	16.00
	Net loan - Closing	192.00	176.00	160.00	144.00	128.00	112.00
	Average Net Loan	192.00	184.00	168.00	152.00	136.00	120.00
	Rate of Interest on Loan	8.70%	8.70%	8.70%	8.70%	8.70%	8.70%
	Interest on loan	16.70	16.52	15.16	13.70	12.33	10.95
<b>6</b>	<b>State Bank of India Loan</b>						
	Gross loan - Opening	358.00	358.00	358.00	358.00	358.00	358.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	29.83	358.00
	Net loan - Opening	358.00	358.00	358.00	358.00	328.17	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	29.83	328.17	0.00
	Net loan - Closing	358.00	358.00	358.00	328.17	0.00	0.00
	Average Net Loan	358.00	358.00	358.00	343.08	164.08	0.00
	Rate of Interest on Loan	10.32%	10.49%	10.25%	9.30%	9.15%	8.00%
	Interest on loan	36.95	36.98	34.66	31.82	12.71	0.00
<b>7</b>	<b>S1-Series Bonds</b>						
	Gross loan - Opening		0.00	1225.00	1225.00	1225.00	1225.00
	Cumulative repayments of Loans upto previous year		0.00	0.00	122.50	245.00	367.50

Calculation of Weighted Average Rate of Interest on Actual Loans<sup>1</sup>Name of the Company  
Name of the Power StationNHPC LTD.  
CHUTAK PS

(Amount In lacs)

Sl. no.	Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
	1	2	2	3	4	5	6
	Net loan - Opening		0.00	1225.00	1102.50	980.00	857.50
	Add: Drawal(s) during the Year		1225.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year		0.00	122.50	122.50	122.50	122.50
	Net loan - Closing		1225.00	1102.50	980.00	857.50	735.00
	Average Net Loan		612.50	1163.75	1041.25	918.75	796.25
	Rate of Interest on Loan		8.49%	8.49%	8.49%	8.49%	8.49%
	Interest on loan		35.90	100.58	89.82	79.55	69.21
<b>8</b>	<b>V-Series Bonds</b>						
	Gross loan - Opening		0.00	0.00	0.00	0.00	33.00
	Cumulative repayments of Loans upto previous year		0.00	0.00	0.00	0.00	3.67
	Net loan - Opening		0.00	0.00	0.00	0.00	29.33
	Add: Drawal(s) during the Year		0.00	0.00	0.00	33.00	0.00
	Less: Repayment (s) of Loans during the year		0.00	0.00	0.00	3.67	7.33
	Net loan - Closing		0.00	0.00	0.00	29.33	22.00
	Average Net Loan		0.00	0.00	0.00	14.67	25.67
	Rate of Interest on Loan		0.00%	0.00%	0.00%	6.84%	6.84%
	Interest on loan		0.00	0.00	0.00	1.80	1.91
<b>9</b>	<b>V2-Series Bonds</b>						
	Gross loan - Opening		0.00	0.00	0.00	0.00	36.67
	Cumulative repayments of Loans upto previous year		0.00	0.00	0.00	0.00	0.00
	Net loan - Opening		0.00	0.00	0.00	0.00	36.67
	Add: Drawal(s) during the Year		0.00	0.00	0.00	36.67	0.00
	Less: Repayment (s) of Loans during the year		0.00	0.00	0.00	0.00	0.00
	Net loan - Closing		0.00	0.00	0.00	36.67	36.67
	Average Net Loan		0.00	0.00	0.00	18.33	36.67
	Rate of Interest on Loan		0.00%	0.00%	0.00%	7.52%	7.52%
	Interest on loan		0.00	0.00	0.00	2.26	2.76
<b>10</b>	<b>W1-Series Bonds</b>						
	Gross loan - Opening		0.00	0.00	0.00	0.00	2949.17
	Cumulative repayments of Loans upto previous year		0.00	0.00	0.00	0.00	0.00
	Net loan - Opening		0.00	0.00	0.00	0.00	2949.17
	Add: Drawal(s) during the Year		0.00	0.00	0.00	2949.17	0.00
	Less: Repayment (s) of Loans during the year		0.00	0.00	0.00	0.00	729.83
	Net loan - Closing		0.00	0.00	0.00	2949.17	2219.33
	Average Net Loan		0.00	0.00	0.00	1474.58	2584.25
	Rate of Interest on Loan		0.00%	0.00%	0.00%	6.91%	6.91%
	Interest on loan		0.00	0.00	0.00	110.55	176.43
<b>11</b>	<b>W2-Series Bonds</b>						
	Gross loan - Opening		0.00	0.00	0.00	0.00	171.54
	Cumulative repayments of Loans upto previous year		0.00	0.00	0.00	0.00	0.00
	Net loan - Opening		0.00	0.00	0.00	0.00	171.54
	Add: Drawal(s) during the Year		0.00	0.00	0.00	171.54	0.00
	Less: Repayment (s) of Loans during the year		0.00	0.00	0.00	0.00	0.00
	Net loan - Closing		0.00	0.00	0.00	171.54	171.54
	Average Net Loan		0.00	0.00	0.00	85.77	171.54
	Rate of Interest on Loan		0.00%	0.00%	0.00%	7.35%	7.35%
	Interest on loan		0.00	0.00	0.00	6.84	12.61
<b>12</b>	<b>X-Series Bonds</b>						
	Gross loan - Opening		0.00	0.00	0.00	0.00	0.00
	Cumulative repayments of Loans upto previous year		0.00	0.00	0.00	0.00	0.00
	Net loan - Opening		0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year		0.00	0.00	0.00	0.00	8758.00
	Less: Repayment (s) of Loans during the year		0.00	0.00	0.00	0.00	0.00
	Net loan - Closing		0.00	0.00	0.00	0.00	8758.00
	Average Net Loan		0.00	0.00	0.00	0.00	4379.00
	Rate of Interest on Loan		0.00%	0.00%	0.00%	0.00%	8.65%
	Interest on loan		0.00	0.00	0.00	0.00	107.93
	<b>TOTAL LOANS</b>						
	Gross loan - Opening	44538.00	44538.00	45763.00	47699.00	62334.00	68028.37
	Cumulative repayments of Loans upto previous year	1050.00	1750.00	2467.83	3355.33	4272.67	8006.17
	Net loan - Opening	43488.00	42788.00	43295.17	44343.67	58061.33	60022.21
	Add: Drawal(s) during the Year	0.00	1225.00	1936.00	14635.00	3689.37	8758.00

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Calculation of Weighted Average Rate of Interest on Actual Loans<sup>1</sup>Name of the Company  
Name of the Power StationNHPC LTD.  
CHUTAK PS


(Amount in lacs)

Sl. no.	Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
	1	2	2	3	4	5	6
	Less: Repayment (s) of Loans during the year	700.00	717.83	887.50	917.33	3733.50	3228.79
	Net loan - Closing	42788.00	43295.17	44343.67	58061.33	60022.21	65551.42
	Average Net Loan	43138.00	43041.58	43819.42	51202.50	59041.77	62786.81
	Interest on loan	1567.40	1546.32	1543.36	1785.67	1720.16	1793.81
	<b>Weighted average Rate of Interest on Loans</b>	3.63%	3.59%	3.52%	3.49%	2.91%	2.86%

<sup>1</sup> In case of Foreign Loans, the calculations in Indian Rupees is to be furnished. However, the calculations in Original currency is also to be furnished separately in the same

For Arora Vohra & Co.  
Chartered Accountants

For NHPC Limited

  
 (M G Gokhale)  
 General Manager (Comm.)

Name of the Company  
Name of the Power Station

NHPC LTD.  
CHUTAK PS

Calculation of Interest taken in Form 13  
(on actual basis)

(Amount in lacs)

Sl. No.	Principal	Date of Repayment	Amount of Installment	From	to	Days	Interest Rate (%)	Interest	Intt. In form 13
1	PFC								
	5250.00			01-Apr-14	14-Apr-14	14	9.90%	19.94	
	5075.00	15-Apr-14	175.00	15-Apr-14	14-Jul-14	91	10.17%	128.68	
	4900.00	15-Jul-14	175.00	15-Jul-14	14-Oct-14	92	10.17%	125.61	
	4725.00	15-Oct-14	175.00	15-Oct-14	14-Jan-15	92	10.17%	121.12	
	4550.00	15-Jan-15	175.00	15-Jan-15	31-Mar-15	76	10.17%	96.35	491.69
	4550.00			01-Apr-15	14-Apr-15	14	10.17%	17.75	
	4375.00	15-Apr-15	175.00	15-Apr-15	14-Jul-15	91	10.17%	110.93	
	4200.00	15-Jul-15	175.00	15-Jul-15	14-Oct-15	92	10.17%	107.66	
	4025.00	15-Oct-15	175.00	15-Oct-15	14-Jan-16	92	10.17%	103.18	
	3850.00	15-Jan-16	175.00	15-Jan-16	31-Mar-16	77	10.17%	82.60	422.12
	3850.00			01-Apr-16	14-Apr-16	14	10.17%	15.02	
	3675.00	15-Apr-16	175.00	15-Apr-16	14-Jul-16	91	10.17%	93.18	
	3500.00	15-Jul-16	175.00	15-Jul-16	14-Oct-16	92	10.17%	89.72	
	3325.00	15-Oct-16	175.00	15-Oct-16	15-Jan-17	93	10.17%	86.16	
	3150.00	16-Jan-17	175.00	16-Jan-17	31-Mar-17	75	10.17%	65.83	349.90
	3150.00			01-Apr-17	14-Apr-17	14	10.17%	12.29	
	2975.00	15-Apr-17	175.00	15-Apr-17	14-Jul-17	91	7.80%	57.85	
	2800.00	15-Jul-17	175.00	15-Jul-17	14-Sep-17	62	7.80%	37.10	107.24
	0.00	15-Sep-17	2800.00	15-Sep-17					
			5250			1263		1370.95	1370.95

2	SUBORDINATE DEBT GOI								
	36400.00			01-Apr-14	31-Mar-15	365	2.50%	910.00	910.00
	36400.00			01-Apr-15	09-Feb-16	315	2.50%	783.20	
	38336.00			10-Feb-16	31-Mar-16	51	2.50%	133.55	916.74
	38336.00			01-Apr-16	12-Jun-16	73	2.50%	191.68	
	52971.00			13-Jun-16	31-Mar-17	292	2.50%	1059.42	1251.10
	52971.00			01-Apr-17	13-Jul-17	104	2.50%	377.33	
	53733.00			14-Jul-17	10-Jan-18	181	2.50%	666.14	
	55475.00			11-Jan-18	31-Mar-18	80	2.50%	303.97	1347.44
	55475.00			01-Apr-18	31-Jan-19	306	2.50%	1162.70	
	53163.54	01-Feb-19	2311.46	01-Feb-19	31-Mar-19	59	2.50%	214.84	1377.53
			2311			1826		5802.82	5802.82

3	Corporation Bank Loan								
	88.00			01-Apr-14	04-Jan-15	279	10.25%	6.89	
	86.17	05-Jan-15	1.83	05-Jan-15	31-Mar-15	86	10.25%	2.08	8.98
	86.17			01-Apr-15	03-Apr-15	3	10.25%	0.07	
	84.33	04-Apr-15	1.83	04-Apr-15	31-May-15	58	10.25%	1.37	
	84.33			01-Jun-15	03-Jul-15	33	10.00%	0.76	
	82.50	04-Jul-15	1.83	04-Jul-15	04-Jul-15	1	10.00%	0.02	
	82.50			05-Jul-15	23-Aug-15	50	10.00%	1.13	
	82.50			24-Aug-15	04-Oct-15	42	9.90%	0.94	
	80.67	05-Oct-15	1.83	05-Oct-15	07-Oct-15	3	9.90%	0.07	
	80.67			08-Oct-15	31-Dec-15	85	9.65%	1.81	
	80.67			01-Jan-16	04-Jan-16	4	9.65%	0.09	
	78.83	05-Jan-16	1.83	05-Jan-16	31-Mar-16	87	9.65%	1.81	8.07
	78.83			01-Apr-16	03-Apr-16	3	9.65%	0.06	
	77.00	04-Apr-16	1.83	04-Apr-16	04-Jul-16	92	9.65%	1.87	
	75.17	05-Jul-16	1.83	05-Jul-16	04-Oct-16	92	9.65%	1.82	
	73.33	05-Oct-16	1.83	05-Oct-16	31-Dec-16	88	9.65%	1.70	
	73.33			01-Jan-17	04-Jan-17	4	9.65%	0.08	

(Amount in lacs)

Sl. No.	Principal	Date of Repayment	Amount of Installment	From	to	Days	Interest Rate (%)	Interest	Intt. In form 13
	71.50	05-Jan-17	1.83	05-Jan-17	31-Mar-17	86	9.65%	1.63	7.16
	71.50			01-Apr-17	04-Apr-17	4	8.75%	0.07	
	69.67	05-Apr-17	1.83	05-Apr-17	05-Jun-17	62	8.75%	1.04	1.10
	0.00	06-Jun-17	69.67	06-Jun-17					
			<b>88.00</b>			<b>1162</b>		<b>25.31</b>	<b>25.31</b>
<b>4</b>	<b>Q Series Bonds</b>								
	500.00			01-Apr-14	11-Mar-15	345	9.250%	43.72	
	500.00			12-Mar-15	31-Mar-15	20	9.250%	2.53	46.25
	500.00			01-Apr-15	10-Mar-16	345	9.250%	43.60	
	458.33	11-Mar-16	41.67	11-Mar-16	31-Mar-16	21	9.250%	2.42	46.02
	458.33			01-Apr-16	09-Mar-17	343	9.250%	39.84	
	416.67	10-Mar-17	41.67	10-Mar-17	31-Mar-17	22	9.250%	2.32	42.16
	416.67			01-Apr-17	11-Mar-18	345	9.250%	36.43	
	375.00	12-Mar-18	41.67	12-Mar-18	31-Mar-18	20	9.250%	1.90	38.33
	375.00			01-Apr-18	11-Mar-19	345	9.250%	32.79	
	333.33	12-Mar-19	41.67	12-Mar-19	31-Mar-19	20	9.250%	1.69	34.48
			<b>166.67</b>			<b>1826</b>		<b>207.24</b>	<b>207.24</b>
<b>5</b>	<b>R-1 Series Bonds</b>								
	192.00			01-Apr-14	10-Feb-15	316	8.70%	14.46	
	176.00	11-Feb-15	16.00	11-Feb-15	31-Mar-15	49	8.70%	2.06	16.52
	176.00			01-Apr-15	10-Feb-16	316	8.70%	13.26	
	160.00	11-Feb-16	16.00	11-Feb-16	31-Mar-16	50	8.70%	1.91	15.16
	160.00			01-Apr-16	10-Feb-17	316	8.70%	12.02	
	144.00	11-Feb-17	16.00	11-Feb-17	31-Mar-17	49	8.70%	1.68	13.70
	144.00			01-Apr-17	08-Feb-18	314	8.70%	10.78	
	128.00	09-Feb-18	16.00	09-Feb-18	31-Mar-18	51	8.70%	1.56	12.33
	128.00			01-Apr-18	10-Feb-19	316	8.70%	9.64	
	112.00	11-Feb-19	16.00	11-Feb-19	31-Mar-19	49	8.70%	1.31	10.95
			<b>80.00</b>			<b>1826</b>		<b>68.66</b>	<b>68.66</b>

<b>6</b>	<b>State Bank of India</b>								
	358.00			01-Apr-14	31-Jul-14	122	10.49%	12.55	
	358.00			01-Aug-14	31-Mar-15	243	10.25%	24.43	36.98
	358.00			01-Apr-15	09-Apr-15	9	10.25%	0.90	
	358.00			10-Apr-15	07-Jun-15	59	10.10%	5.84	
	358.00			08-Jun-15	23-Sep-15	108	9.95%	10.54	
	358.00			24-Sep-15	04-Oct-15	11	9.70%	1.05	
	358.00			05-Oct-15	31-Mar-16	179	9.30%	16.33	34.66
	358.00			01-Apr-16	19-Jun-16	80	9.30%	7.30	
	358.00			20-Jun-16	26-Jun-16	7	9.15%	0.63	
	350.54	27-Jun-16	7.46	27-Jun-16	26-Sep-16	92	9.15%	8.08	
	343.08	27-Sep-16	7.46	27-Sep-16	26-Dec-16	91	9.15%	7.83	
	335.63	27-Dec-16	7.46	27-Dec-16	26-Mar-17	90	9.15%	7.57	
	328.17	27-Mar-17	7.46	27-Mar-17	31-Mar-17	5	9.15%	0.41	31.82
	328.17			01-Apr-17	19-Jun-17	80	9.15%	6.58	
	328.17			20-Jun-17	26-Jun-17	7	8.00%	0.50	
	320.71	27-Jun-17	7.46	27-Jun-17	14-Sep-17	80	8.00%	5.62	12.71
	0.00	15-Sep-17	320.71	15-Sep-17					
			<b>358</b>			<b>1263</b>		<b>116.17</b>	<b>116.17</b>

<b>7</b>	<b>S1-Series Bonds</b>								
	1225.00			26-Nov-14	31-Mar-15	126	8.49%	35.90	35.90
	1225.00			01-Apr-15	25-Nov-15	239	8.49%	68.10	
	1102.50	26-Nov-15	122.50	26-Nov-15	31-Mar-16	127	8.49%	32.48	100.58
	1102.50			01-Apr-16	24-Nov-16	238	8.49%	60.88	
	980.00	25-Nov-16	122.50	25-Nov-16	27-Nov-16	3	8.49%	0.68	



(Amount in lacs)

Sl. No.	Principal	Date of Repayment	Amount of Installment	From	to	Days	Interest Rate (%)	Interest	Intt. In form 13
	980.00			28-Nov-16	31-Mar-17	124	8.49%	28.27	89.82
	980.00			01-Apr-17	23-Nov-17	237	8.49%	54.02	
	857.50	24-Nov-17	122.50	24-Nov-17	31-Mar-18	128	8.49%	25.53	79.55
	857.50			01-Apr-18	25-Nov-18	239	8.49%	47.67	
	735.00	26-Nov-18	122.50	26-Nov-18	31-Mar-19	126	8.49%	21.54	69.21
			<b>490</b>			<b>1587</b>		<b>375.07</b>	<b>375.07</b>
<b>8</b>	<b>V-Series Bonds</b>								
	33.00			06-Jun-17	23-Jan-18	232	6.84%	1.43	
	29.33	24-Jan-18	3.67	24-Jan-18	31-Mar-18	67	6.84%	0.37	1.80
	29.33			01-Apr-18	23-Jan-19	298	6.84%	1.64	
	22.00	24-Jan-19	7.33	24-Jan-19	31-Mar-19	67	6.84%	0.28	1.91
			<b>11</b>			<b>664</b>		<b>3.72</b>	<b>3.72</b>
<b>9</b>	<b>V2-Series Bonds</b>								
	36.67			06-Jun-17	31-Mar-18	299	7.52%	2.26	2.26
	36.67			01-Apr-18	31-Mar-19	365	7.52%	2.76	2.76
			<b>0</b>			<b>664</b>		<b>5.02</b>	<b>5.02</b>
<b>10</b>	<b>W1-Series Bonds</b>								
	2949.17			15-Sep-17	31-Mar-18	198	6.91%	110.55	110.55
	2949.17			01-Apr-18	14-Sep-18	167	6.91%	93.24	
	2219.33	15-Sep-18	729.83	15-Sep-18	31-Mar-19	198	6.91%	83.19	176.43
			<b>730</b>			<b>563</b>		<b>286.98</b>	<b>286.98</b>
<b>11</b>	<b>W2-Series Bonds</b>								
	171.54			15-Sep-17	31-Mar-18	198	7.35%	6.84	6.84
	171.54			01-Apr-18	31-Mar-19	365	7.35%	12.61	12.61
			<b>0</b>			<b>563</b>		<b>19.45</b>	<b>19.45</b>
<b>12</b>	<b>X-Series Bonds</b>								
	8758.00			08-Feb-19	31-Mar-19	52	8.65%	107.93	107.93
			<b>0.00</b>						<b>107.93</b>

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

## Calculation of Interest on Normative Loan

Name of the Petitioner : NHPC Limited  
Name of the Generating Station : Chutak Power Station

(Amount in ` Lakh)

Sl. No.	Particulars	2013-14*	2014-15	2015-16	2016-17	2017-18	2018-19
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Gross Normative loan - Opening	58,973.34	60,805.82	62,373.45	63,518.52	64,243.43	64,606.42
2	Cumulative repayment of Normative loan upto previous year	1,194.13	5,479.10	9,893.04	14,403.76	18,983.38	23,602.62
3	<b>Net Normative loan - Opening</b>	<b>57,779.21</b>	<b>55,326.72</b>	<b>52,480.41</b>	<b>49,114.75</b>	<b>45,260.05</b>	<b>41,003.80</b>
4	Add : Increase due to addition during the year / period	1,832.48	680.38	902.67	656.69	297.02	323.93
5	Less : Decrease due to de-capitalisation during the year / period		2.25	75.94	0.00	0.90	0.00
6	Less : Decrease due to reversal during the year / period		0.00	0.00	0.00	0.00	0.00
7	Add : Increase due to discharges during the year / period		889.50	318.33	68.22	66.87	42.85
	Less : Repayment during the year	4,284.97	4,413.94	4,510.72	4,579.61	4,619.25	4,642.10
8	<b>Net Normative loan - Closing</b>	<b>55,326.72</b>	<b>52,480.41</b>	<b>49,114.75</b>	<b>45,260.05</b>	<b>41,003.80</b>	<b>36,728.47</b>
9	<b>Average Normative loan</b>	<b>56552.97</b>	<b>53903.56</b>	<b>50797.58</b>	<b>47187.40</b>	<b>43131.92</b>	<b>38866.13</b>
10	Weighted average rate of interest	3.633%	3.593%	3.522%	3.487%	2.913%	2.857%
11	<b>Interest on Loan</b>	<b>2054.82</b>	<b>1936.55</b>	<b>1789.13</b>	<b>1645.64</b>	<b>1256.63</b>	<b>1110.40</b>

\* As per CERC order dated 21.3.2017 in petition no. 190/GT/2015

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

### Calculation of Interest on Working Capital

**Name of the Petitioner :** NHPC Limited  
**Name of the Generating** Chutak Power Station

(Amount in ` Lakh)

Sl. No.	Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7	8
1	O & M Expenses	165.27	171.74	183.14	195.30	208.27	222.10
2	Maintenance Spares	297.48	309.13	329.66	351.54	374.89	399.78
3	Receivables	2,287.94	2,336.83	2,374.10	2,393.29	2,375.13	2,392.26
4	Total Working Capital	2,750.68	2,817.69	2,886.90	2,940.14	2,958.29	3,014.14
5	Rate of Interest	13.50%	13.50%	13.50%	13.50%	13.50%	13.50%
6	<b>Interest on Working Capital</b>	<b>371.34</b>	<b>380.39</b>	<b>389.73</b>	<b>396.92</b>	<b>399.37</b>	<b>406.91</b>

**For Arora Vohra & Co.**  
**Chartered Accountants**



**For NHPC Limited**

  
**(M G Gokhale)**  
**General Manager (Comml.)**

## Other Income as on actual / anticipated COD

Name of the Petitioner : NHPC Limited  
Name of the Generating Station : Chutak Power Station

(Amount in ` Lakh)

Sl. No.	Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7	8
1	Interest on Loans and advance						
2	Interest received on deposits		<b>NOT APPLICABLE</b>				
3	Income from Investment						
4	Income from sale of scrap						
5	Rebate for timely payment						
6	Surcharge on late payment from beneficiaries						
7	Rent from residential building						
8	Misc. receipts (Please Specify details)						
...	...						
...	...						

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

## Incidental Expenditure during Construction

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

CHUTAK POWER STATION

(Amount in ` Lakh)

Sl. No.	Particulars	Up to Schedule COD	Upto actual / anticipated COD
1	2	7	8
<b>A</b>	<b>Expenses:</b>		
1	Employees' Benefits Expenses		
2	Finance Costs		
3	Water Charges		
4	Communication Expenses		
5	Power Charges		
6	Other Office and Administrative Expenses		
7	Others (Please Specify Details)		
8	Other pre-Operating Expenses		
	.....		
<b>B</b>	<b>Total Expenses</b>		
	Less: Income from sale of tender		
	Less: Income from guest house		
	Less: Income recovered from Contractors		
	Less: Interest on Deposits		
	.....		

NOT APPLICABLE

For Arora Vohra & Co.  
Chartered Accountants

For NHPC Limited

*d*  
(M G Gokhale)  
General Manager (Comml.)

Name of the Petitioner : NHPC LIMITED  
 Name of the Generating Station : CHUTAK POWER STATION

Draw Down Schedule for Calculation of IDC & Financing Charges

Sl. No.	Draw Down Particulars	Quarter 1			Quarter 2			Quarter n (COD)		
		Quantum In Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee (Rs Lakh)	Quantum In Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee (Rs Lakh)	Quantum In Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee (Rs Lakh)
1	<b>Loans</b>									
1.1	<b>Foreign Loan</b>									
1.1.1	Foreign Loan <sup>1</sup>									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
1.1.2	Foreign Loan <sup>2</sup>									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
1.1.3	Foreign Loan <sup>3</sup>									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
1.1.4	.....									
	.....									
	.....									
1.1	<b>Total Foreign Loan</b>									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
1.2	<b>Indian Loans</b>									
1.2.1	Indian Loan <sup>1</sup>									
	Draw down Amount									
	IDC									
	Financing charges									
1.2.2	Indian Loan <sup>2</sup>									
	Draw down Amount									
	IDC									
	Financing charges									
1.2.3	Indian Loan <sup>3</sup>									
	Draw down Amount									
	IDC									
	Financing charges									
1.2.4	.....									
	.....									
	.....									
1.2	<b>Total Indian Loans</b>									
	Draw down Amount									
	IDC									
	Financing charges									
1	<b>Total Loans drawn</b>									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
2	<b>Equity</b>									
2.1	<b>Foreign equity drawn</b>									
2.2	<b>Indian equity drawn</b>									
	<b>Total equity deployed</b>									

Not Applicable

- Note:**
1. Drawal of debt and equity shall be on paripassu basis quarter wise to meet the commissioning schedule. Drawal of higher equity in the beginning is permissible
  2. Applicable Interest rates including reset dates used for above computation may be furnished separately.
  3. In case of multi unit project details of capitalisation ratio used to be furnished.
  4. Detailed calculation of IDC (Actual drawl and repayment dates and amount, rates of interest, etc.) should be furnished.

For Arora Vohra & Co.  
Chartered Accountants



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For NHPC Limited

(M G Gokhale)  
General Manager (Comm.)

## Actual cash expenditure

Name of the Petitioner : NHPC LTD.

Name of the Generating Station : CHUTAK POWER STATION

(Amount in Lakhs)

	Quarter-I	Quarter-II	Quarter-III	Quarter-n (COD)
Payment to contractors/suppliers				
% of fund deployment		Not Applicable		

Note: If there is variation between payment and fund deployment justification need to be furnished

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

**Design energy and peaking capability (month wise) - ROR with Pondage /  
Storage type new stations**

Generating Company : NHPC LTD.  
Name of Hydro-electric Generating Station : Chutak Power Station  
Installed Capacity : 4 X 11 MW = 44 MW

Month		Design Energy* (MUs)	Designed Peaking Capability (MW)*
April	I		
	II		
	III	0.00	
May	I		
	II		
	III	0.00	
June	I		
	II		
	III	0.00	
July	I		
	II		
	III	0.00	
August	I		
	II		
	III	0.00	
September	I		
	II		
	III	0.00	
October	I		
	II		
	III	0.00	
November	I		
	II		
	III	0.00	
December	I		
	II		
	III	0.00	
January	I		
	II		
	III	0.00	
February	I		
	II		
	III	0.00	
March	I		
	II		
	III	0.00	
		0.00	
<b>Total</b>		<b>0.00</b>	

**Not Applicable**

\* As per DPR / TEC of CEA dated .....

Note:

Specify the number of peaking hours for which station has been designed. - 3 Hrs

**For Arora Vohra & Co.  
Chartered Accountants**



**For NHPC Limited**

  
**(M G Gokhale)  
General Manager (Comml.)**



## Design energy and MW Continuous (month wise) - ROR type stations

**Generating Company** : NHPC LTD.  
**Name of Hydro-electric Generating Station** : Chutak Power Station  
**Installed Capacity** : 4 X 11 MW = 44 MW

Month		Design Energy* (MUs)	MW Continuous*
April	I	3.29	13.71
	II	3.30	13.77
	III	3.92	16.35
May	I	5.07	21.13
	II	6.64	27.65
	III	9.67	36.63
June	I	10.03	41.80
	II	10.03	41.80
	III	10.03	41.80
July	I	10.03	41.80
	II	10.03	41.80
	III	11.04	41.80
August	I	10.03	41.80
	II	9.93	41.39
	III	11.04	41.80
September	I	10.03	41.80
	II	9.15	38.12
	III	7.75	32.30
October	I	6.17	25.71
	II	4.50	18.76
	III	4.40	16.68
November	I	4.38	18.26
	II	3.96	16.49
	III	3.78	15.74
December	I	2.86	11.92
	II	2.76	11.48
	III	3.02	11.45
January	I	2.75	11.45
	II	2.75	11.45
	III	3.02	11.45
February	I	2.75	11.45
	II	2.75	11.45
	III	2.20	11.45
March	I	2.97	12.39
	II	3.19	13.28
	III	3.69	13.99
<b>Total</b>		<b>212.93</b>	

\* As per DPR / TEC of CEA dated .....

**For Arora Vohra & Co.**  
**Chartered Accountants**



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**For NHPC Limited**

**(M G Gokhale)**  
**General Manager (Comml.)**

## Liability Flow Statement (FY2014-15)

Name of the Petitioner : NHPC LIMITED  
Name of the Generating Station : CHUTAK PS

Rs. In Lakhs

Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2014	Discharge In 2014-15	Liability as on 31.03.2015
<b>A. Liability pertains to COD i.e. 01.02.2013</b>					
BHARAT HEAVY ELECTRICALS LTD	LOT-III GPM	COD	2,505.30	1,240.83	1,264.47
HINDUSTAN CONSTRUCTION CO. LTD	LOT-I Civil works P.H. & Barrage	COD	3.82	2.47	1.35
P. E. S. ENGINEERS PRIVATE LIMITED	LOT-II HM works	COD	6.00	5.72	0.28
SHIEKH NAZIR AHMED & CO.	Field Hostel-VI	COD	7.29	7.29	-
P. E. S. ENGINEERS PRIVATE LIMITED	Radial Gate	COD	5.15	5.15	-
B. C. TECHNOMATION PVT. LTD.	Purchase of different asset items	COD	0.51	0.51	-
CSINT COMPUTER SERVICES INTEGRATION (P) LTD		COD	0.28	0.28	-
TARSHA INTERCOM,KOLKATA		COD	0.22	0.22	-
DRONKAR & BROS.		COD	1.36	1.36	-
MANZOOR AHMAD TIBAT BAQAL & SONS		COD	0.05	-	0.05
TATA BP SOLAR INDIA LTD		COD	0.36	-	0.36
MIKROZ INFOSECURITY PRIVATE LIMITED		COD	0.14	0.14	-
MUNTAZIR ENTERPRISES-KARGIL		COD	1.65	1.65	-
ESCORTS CONSTRUCTION EQUIPMENT LTD.		COD	0.09	0.09	-
MOHD. MURTAZA		COD	2.91	2.91	-
AHSAN ALI		COD	2.10	2.10	-
<b>Sub-Total (A)</b>			<b>2,537.22</b>	<b>1,270.71</b>	<b>1,266.51</b>
<b>B. Liability pertains to Add Cap -2014-15</b>					
SHIEKH NAZIR AHMED & CO.	CONSTRUCTION OF FIELD HOSTEL-VI BUILDING	2014-15			21.90
TARSHA INTERCOM,KOLKATA	SUPPLY AND INSTALLATION OF EPBAX SYSTEM	2014-15			11.17
NEELKANTH TRADERS	220V/110AH NI- CAD BATTERY ALONG WITH STANDERD ACCESSORIES	2014-15			2.90
ASIF IQBAL	HIGH MAST LIGHTING, LENGTH 20 METER	2014-15			6.08
HINDUSTAN CONSTRUCTION CO. LTD	Provision against Arbitration award( only capital portion)	2014-15			371.41
HINDUSTAN CONSTRUCTION CO. LTD	Provision against Arbitration award( only capital portion)	2014-15			493.35
HINDUSTAN CONSTRUCTION CO. LTD	Provision against Arbitration award( only capital portion)	2014-15			14.45
<b>Sub-Total (B)</b>			-	-	<b>921.26</b>
<b>Total (A+B)</b>			<b>2,537.22</b>	<b>1,270.71</b>	<b>2,187.77</b>

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

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## Liability Flow Statement (FY2015-16)

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK PS

Rs. In Lakhs

Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2015	Discharge In 2015-16	Liability as on 31.03.2016
<b>A. Liability pertains to COD i.e. 01.02.2013</b>					
BHARAT HEAVY ELECTRICALS LTD	LOT-III GPM	COD	1,264.47	412.98	851.49
HINDUSTAN CONSTRUCTION CO. LTD	LOT-I Civil works P.H. & Barrage	COD	1.35	1.35	0.00
P.E.S. ENGINEERS PRIVATE LIMITED	LOT-II HM works	COD	0.28		0.28
MANZOOR AHMAD TIBAT BAQAL & SONS		COD	0.05		0.05
TATA BP SOLAR INDIA LTD		COD	0.36		0.36
<b>Sub-Total (A)</b>			<b>1,266.51</b>	<b>414.33</b>	<b>852.18</b>
<b>B. Liability pertains to Add Cap -2014-15</b>					
SHIEKH NAZIR AHMED & CO.	CONSTRUCTION OF FIELD HOSTEL-VI BUILDING	2014-15	21.90	21.90	-
TARSHA INTERCOM,KOLKATA	SUPPLY AND INSTALLATION OF EPBAX SYSTEM	2014-15	11.17	11.17	-
NEELKANTH TRADERS	220V/110AH NI- CAD BATTERY ALONG WITH STANDERD ACCESSORIES	2014-15	2.90	1.28	1.62
ASIF IQBAL	HIGH MAST LIGHTING, LENGTH 20 METER	2014-15	6.08	6.08	-
HINDUSTAN CONSTRUCTION CO. LTD	Provision against Arbltration award( only capital portion)	2014-15	879.20		879.20
<b>Sub-Total (B)</b>			<b>921.25</b>	<b>40.43</b>	<b>880.82</b>
<b>C. Liability pertains to Add Cap -2015-16</b>					
TOHA & CO.	Construction of Mechanical Workshop near Switch Yard at Chutak Power Station, Kargil.	2015-16			0.50
M/S ASSADULLAH MUNSHI	c/o Workshop near Central Store	2015-16			10.70
MURTAZA ALI	Construction of Left bank approach road to Barrage of Chutak power station.	2015-16			7.73
HAJI MOHD. SADIQ	c/o STORE ROOM AT BARRAGE	2015-16			0.55
RESULTS MARINE PVT. LTD	ACCELEROGRAPH SYSTEM ALONG WITH ALL ACCESSORIES, NANOMETRICS & TITAN SMA	2015-16			2.38
M/S TAPAN SOLAR ENERGY PVT. LTD.	OFFGRID (HYBRID) SOLAR POWER PLANT OF CAPACITY 65 KWP COMPLETE IN ALL RESPECT	2015-16			11.69
<b>Sub-Total (C)</b>			<b>-</b>	<b>-</b>	<b>33.55</b>
<b>Total (A+B+C)</b>			<b>2,187.76</b>	<b>454.76</b>	<b>1,766.55</b>

For Arora Vohra & Co.  
Chartered Accountants

For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

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## Liability Flow Statement (FY2016-17)

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK PS

Rs. In Lakhs

Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2016	Discharge In 2016-17	Liability as on 31.03.2017
<b>A. Liability pertains to COD i.e. 01.02.2013</b>					
BHARAT HEAVY ELECTRICALS LTD	LOT-III GPM	COD	851.49	77.61	773.88
P.E.S. ENGINEERS PRIVATE LIMITED	LOT-II HM works	COD	0.28	0.28	-0.00
MANZOOR AHMAD TIBAT BAQAL & SONS		COD	0.05	0.05	-
TATA BP SOLAR INDIA LTD		COD	0.36	0.36	-
<b>Sub-Total (A)</b>			<b>852.18</b>	<b>78.30</b>	<b>773.88</b>
<b>B. Liability pertains to Add Cap -2014-15</b>					
NEELKANTH TRADERS	220V/110AH NI- CAD BATTERY ALONG WITH STANDERD ACCESSORIES	2014-15	1.62	1.62	-
HINDUSTAN CONSTRUCTION CO. LTD	Provision against Arbitration award( only capital portion)	2014-15	879.20		879.20
<b>Sub-Total (B)</b>			<b>880.82</b>	<b>1.62</b>	<b>879.20</b>
<b>C. Liability pertains to Add Cap -2015-16</b>					
TOHA & CO.	Construction of Mechanical Workshop near Switch Yard at Chutak Power Station, Kargil.	2015-16	0.50		0.50
M/S ASSADULLAH MUNSHI	c/o Workshop near Central Store	2015-16	10.70	7.73	2.97
MURTAZA ALI	Construction of Left bank approach road to Barrage of Chutak power station.	2015-16	7.73	7.73	-
HAJI MOHD. SADIQ	c/o STORE ROOM AT BARRAGE	2015-16	0.55	0.55	-
RESULTS MARINE PVT. LTD	ACCELEROGRAPH SYSTEM ALONG WITH ALL ACCESSORIES, NANOMETRICS & TITAN SMA	2015-16	2.38	1.53	0.85
M/S TAPAN SOLAR ENERGY PVT. LTD.	OFFGRID (HYBRID) SOLAR POWER PLANT OF CAPACITY 65 KWP COMPLETE IN ALL RESPECT	2015-16	11.69	-	11.69
<b>Sub-Total (C)</b>			<b>33.55</b>	<b>17.54</b>	<b>16.01</b>
<b>D. Liability pertains to Add Cap -2016-17</b>					
Mohd Murtaza	Additional work of Colony/office boundary wall	2016-17			0.82
MURTAZA ALI	Construction of concrete pillars to mark the location of cross section along u/s of reservoir lebngth of barrage at CPS. Minji	2016-17			0.05
HAJI FIDA HUSSAIN PASHKUM	Construction of concrete cladding/Architechtrual work at the entrance of MAT of PH at CPS, Minji	2016-17			0.21
TOHA & CO.	Construction of Boundary wall/fencing along the reservoir i.e. u/s of barrage at Chutak Power station, Kargil	2016-17			0.34
M/s Chamran Trading Construction	Paving with interlocking tiles in driveway in front of Admin Building & Painting Work	2016-17			3.49
HAJI MOHD. SADIQ	Fencing around solar power plant at barrage of Chutak PS	2016-17			0.09
TOHA & CO.	Protection work of Left Bank/Right Bank Down Stream of Barrage Bays at Barrage of Chutak Power Station, Minji	2016-17			0.24
TOHA & CO.	ELECTRIFICATION OF WORKSHOP AT SWITCHYD	2016-17			4.64
VIRTUAL ELECTRONICS COMPANY	PORTABLE SUSPENDED SOLID INDICATOR WITH PC INTERFACE TEST - VIRTUAL ELECTRONICS COMPANY, MODEL: 3150	2016-17			0.24
BHARAT HEAVY ELECTRICALS LIMITED- POWER SECTOR SPARE & SERVICES BUSINESS GROUP	THRUST COLLAR BHEL DRG NO. 12540127603	2016-17			0.29
BHARAT HEAVY ELECTRICALS LIMITED- POWER SECTOR SPARE & SERVICES BUSINESS GROUP	AUTO SYNCHRONISER -(SIEMENS) 69202ASYNA 7VE2146-1 :ED7470400125	2016-17			1.79
SIYARAM ELECTRICALS	3.25KM RANGE BATTERY OPERATED SIREN,HOR. DOUBLE MOUNTED TYPE, 12/24V DC 6000RPM. KHERAJ , BD-325	2016-17			0.17



Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2016	Discharge In 2016-17	Liability as on 31.03.2017
SIYARAM ELECTRICALS	BATTERY 24V, 60AH WITH BATTERY	2016-17			1.03
JOSTS ENGINEERING COMPANY LIMITED	1000/5A, 11KV IND.RESIN CAST RING TYPE BUS DUCT	2016-17			3.39
MURTAZA ALI ELECTRICAL SHOP		2016-17			0.04
Sub-Total (D)			-	-	16.83
Total (A+B+C+D)			1,766.55	97.48	1,685.92

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comm.)

## Liability Flow Statement (FY2017-18)

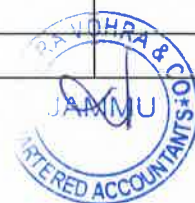
Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK PS

Rs. In Lakhs

Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2017	Discharge in 2017-18	Liability as on 31.03.2018
<b>A. Liability pertains to COD i.e. 01.02.2013</b>					
BHARAT HEAVY ELECTRICALS LTD	LOT-III GPM	COD	773.88	77.90	695.98
<b>Sub-Total (A)</b>			<b>773.88</b>	<b>77.90</b>	<b>695.98</b>
<b>B. Liability pertains to Add Cap -2014-15</b>					
HINDUSTAN CONSTRUCTION CO. LTD	Provision against Arbitration award( only capital portion)	2014-15	879.20		879.20
<b>Sub-Total (B)</b>			<b>879.20</b>	<b>-</b>	<b>879.20</b>
<b>C. Liability pertains to Add Cap -2015-16</b>					
TOHA & CO.	Construction of Mechanical Workshop near Switch Yard at Chutak Power Station, Kargil.	2015-16	0.50		0.50
M/S ASSADULLAH MUNSHI	c/o Workshop near Central Store	2015-16	2.97	2.97	-
RESULTS MARINE PVT. LTD	ACCELEROGRAPH SYSTEM ALONG WITH ALL ACCESSORIES, NANOMETRICS & TITAN SMA	2015-16	0.85	0.85	-
M/S TAPAN SOLAR ENERGY PVT. LTD.	OFFGRID (HYBRID) SOLAR POWER PLANT OF CAPACITY 65 KWP COMPLETE IN ALL RESPECT	2015-16	11.69	-	11.69
<b>Sub-Total (C)</b>			<b>16.01</b>	<b>3.82</b>	<b>12.19</b>
<b>D. Liability pertains to Add Cap -2016-17</b>					
Mohd Murtaza	Additional work of Colony/office boundary wall	2016-17	0.82		0.82
MURTAZA ALI	Construction of concrete pillars to mark the location of cross section along u/s of reservoir lebngth of barrage at CPS. Minji	2016-17	0.05	0.05	-
HAJI FIDA HUSSAIN PASHKUM	Construction of concrete cladding/Architectural work at the entrance of MAT of PH at CPS, Minji	2016-17	0.21	0.21	-
TOHA & CO.	Construction of Boundary wall/fencing along the reservoir i.e. u/s of barrage at Chutak Power station, Kargil	2016-17	0.34	0.34	-
M/s Chamran Trading Construction	Paving with interlocking tiles in driveway in front of Admin Building & Painting Work	2016-17	3.49	3.49	-
HAJI MOHD. SADIQ	Fencing around solar power plant at barrage of Chutak PS	2016-17	0.09	0.09	-
TOHA & CO.	Protection work of Left Bank/Right Bank Down Stream of Barrage Bays at Barrage of Chutak Power Station, Minji	2016-17	0.24	0.24	-
TOHA & CO.	ELECTRIFICATION OF WORKSHOP AT SWITCHYARD	2016-17	4.64	4.64	-
VIRTUAL ELECTRONICS COMPANY	PORTABLE SUSPENDED SOLID INDICATOR WITH PC INTERFACE TEST - VIRTUAL ELECTRONICS COMPANY, MODEL: 3150	2016-17	0.24		0.24
BHARAT HEAVY ELECTRICALS LIMITED- POWER SECTOR SPARE & SERVICES BUSINESS GROUP	THRUST COLLAR BHEL DRG NO. 12540127603	2016-17	0.29		0.29
BHARAT HEAVY ELECTRICALS LIMITED- POWER SECTOR SPARE & SERVICES BUSINESS GROUP	AUTO SYNCHRONISER -(SIEMENS) 89202ASYNA 7VE2146-1 :ED7470400125	2016-17	1.79	1.19	0.60
SIYARAM ELECTRICALS	3.25KM RANGE BATTERY OPERATED SIREN,HOR. DOUBLE MOUNTED TYPE, 12/24V DC 6000RPM. KHERAJ , BD-325	2016-17	0.17	0.17	-
SIYARAM ELECTRICALS	BATTERY 24V, 60AH WITH BATTERY	2016-17	1.03		1.03
JOSTS ENGINEERING COMPANY LIMITED	1000/5A, 11KV IND.RESIN CAST RING TYPE BUS DUCT	2016-17	3.39	3.39	-
MURTAZA ALI ELECTRICAL SHOP		2016-17	0.04		0.04
<b>Sub-Total (D)</b>			<b>16.83</b>	<b>13.81</b>	<b>3.02</b>
<b>E. Liability pertains to Add Cap -2017-18</b>					
MOHD. MURTAZA	Construction of Over head tank and laying of main water supply line for office & field hostels	2017-18			2.40
HAJI MOHD. SADIQ	Construction of Shed for DG stes at Office cum Residential Complex of Chutak Power Station	2017-18			2.93
RIYAZ AHMAD LONE & CO.	Construction of security shed and chain link fencing at SY of CPS	2017-18			8.58

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Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2017	Discharge in 2017-18	Liability as on 31.03.2018
FIDA GROUP INDUSTRIES & CONSTRUCTION CO.	providing and laying cement concrete interlocking paver blocks on the approach road to service bay inside the MAT	2017-18			0.41
MOHAMMAD HUSSAIN	Providing and Fixing of Chequer Plate on Cable Trench in Power House and Switch Yard and erection of gate at zero point of approach road to Barrage of Chutak Power Station, Minji, Kargil.	2017-18			1.39
CHAMRAN TRADING CONSTRUCTION	P/L Cement concrete & Protection works on road near newly constructed FH at Store Complex	2017-18			6.02
BHOPAL ORTHOGRAPHIC ENGG. PVT. LTD.	Supply for PH	2017-18			1.51
MATRIX ENTERPRISES	SEWAGE TREATMENT PLANT	2017-18			10.50
MUNTAZIR ENTERPRISES-KARGIL	Purchase of TV	2017-18			0.61
PROGILITY TECHNOLOGIES PVT. LTD.	Laptop	2017-18			0.69
BHARAT HEAVY ELECTRICALS LIMITED, HSS, BHOPAL	E&M part	2017-18			1.91
BHARAT HEAVY ELECTRICALS LIMITED, HSS, BHOPAL	TGB OIL COOLER	2017-18			1.12
Sub-Total (E)			-	-	38.07
<b>Total (A+B+C+D+E)</b>			<b>1,685.92</b>	<b>95.53</b>	<b>1,628.46</b>

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comm.)

## Liability Flow Statement (FY2018-19)

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK PS

Rs. In Lakhs

Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2018	Discharge in 2018-19	Liability as on 31.03.2019
<b>A. Liability pertains to COD i.e. 01.02.2013</b>					
BHARAT HEAVY ELECTRICALS LTD	LOT-III GPM	COD	695.98	40.08	655.90
<b>Sub-Total (A)</b>			<b>695.98</b>	<b>40.08</b>	<b>655.90</b>
<b>B. Liability pertains to Add Cap -2014-15</b>					
HINDUSTAN CONSTRUCTION CO. LTD	Provision against Arbitration award( only capital portion)	2014-15	879.20		879.20
<b>Sub-Total (B)</b>			<b>879.20</b>	-	<b>879.20</b>
<b>C. Liability pertains to Add Cap -2015-16</b>					
TOHA & CO.	Construction of Mechanical Workshop near Switch Yard at Chutak Power Station, Kargil.	2015-16	0.50		0.50
M/S TAPAN SOLAR ENERGY PVT. LTD.	OFFGRID (HYBRID) SOLAR POWER PLANT OF CAPACITY 65 KWP COMPLETE IN ALL RESPECT	2015-16	11.69	-	11.69
<b>Sub-Total (C)</b>			<b>12.19</b>	-	<b>12.19</b>
<b>D. Liability pertains to Add Cap -2016-17</b>					
Mohd Murtaza	Additional work of Colony/office boundary wall	2016-17	0.82		0.82
VIRTUAL ELECTRONICS COMPANY	PORTABLE SUSPENDED SOLID INDICATOR WITH PC INTERFACE TEST - VIRTUAL ELECTRONICS COMPANY, MODEL: 3150	2016-17	0.24		0.24
BHARAT HEAVY ELECTRICALS LIMITED- POWER SECTOR SPARE & SERVICES BUSINESS GROUP	THRUST COLLAR BHEL DRG NO. 12540127603	2016-17	0.29		0.29
BHARAT HEAVY ELECTRICALS LIMITED- POWER SECTOR SPARE & SERVICES BUSINESS GROUP	AUTO SYNCHRONISER -(SIEMENS) 69202ASYNA 7VE2146-1 :ED7470400125	2016-17	0.60		0.60
SIYARAM ELECTRICALS	BATTERY 24V, 60AH WITH BATTERY	2016-17	1.03	0.88	0.15
MURTAZA ALI ELECTRICAL SHOP		2016-17	0.04	0.04	-
<b>Sub-Total (D)</b>			<b>3.02</b>	<b>0.92</b>	<b>2.10</b>
<b>E. Liability pertains to Add Cap -2017-18</b>					
MOHD. MURTAZA	Construction of Over head tank and laying of main water supply line for office & field hostels	2017-18	2.40		2.40
HAJI MOHD. SADIQ	Construction of Shed for DG stes at Office cum Residential Complex of Chutak Power Station	2017-18	2.93	2.93	-
RIYAZ AHMAD LONE & CO.	Construction of security shed and chain link fencing at SY of CPS	2017-18	8.58	8.58	-
FIDA GROUP INDUSTRIES & CONSTRUCTION CO.	providing and laying cement concrete interlocking paver blocks on the approach road to service bay inside the MAT	2017-18	0.41	0.41	-
MOHAMMAD HUSSAIN	Providing and Fixing of Chequer Plate on Cable Trench in Power House and Switch Yard and erection of gate at zero point of approach road to Barrage of Chutak Power Station, Minji, Kargil.	2017-18	1.39	-	1.39
CHAMRAN TRADING CONSTRUCTION	P/L Cement concrete & Protection works on road near newly constructed FH at Store Complex	2017-18	6.02	6.02	-
BHOPAL ORTHOGRAPHIC ENGG. PVT. LTD.	Supply for PH	2017-18	1.51	0.97	0.54
MATRIX ENTERPRISES	SEWAGE TREATMENT PLANT	2017-18	10.50		10.50
MUNTAZIR ENTERPRISES-KARGIL	Purchase of TV	2017-18	0.61	0.61	-
PROGILITY TECHNOLOGIES PVT. LTD.	Laptop	2017-18	0.69	0.69	-
BHARAT HEAVY ELECTRICALS LIMITED, HSS, BHOPAL	E&M part	2017-18	1.91		1.91
BHARAT HEAVY ELECTRICALS LIMITED, HSS, BHOPAL	TGB OIL COOLER	2017-18	1.12		1.12
<b>Sub-Total (E)</b>			<b>38.07</b>	<b>20.21</b>	<b>17.86</b>
<b>F. Liability pertains to Add Cap -2018-19</b>					
MOHAMMAD HUSSAIN	Providing and Fixing of Chequer Plate on Cable Trench in Power House and Switch Yard and erection of gate at zero point of approach road to Barrage of Chutak Power Station, Minji, Kargil.	2018-19			0.22
CHAMRAN TRADING CONSTRUCTION	Construction of cable trench and foundation for Standby 5MVA Transformer at Switch Yard of Chutak Power Station, Minji	2018-19			2.10

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Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2018	Discharge in 2018-19	Liability as on 31.03.2019
CHAMRAN TRADING CONSTRUCTION	Construction of Training Hall at Chutek Power station, Minji, Kargil.	2018-19			7.59
TOHA & CO.	Construction of overhead tank for new FH at store Complex at Chutak Power Station, Minji, Kargil	2018-19			6.24
CHAMRAN TRADING CONSTRUCTION	P/L Cement concrete & Protection works on road near newly constructed FH at Store Complex	2018-19			0.33
TOHA & CO.	Providing & Fixing of wooden paneling, insulation work along with out side painting work for Field Hostel No. VI	2018-19			1.64
<b>Sub-Total (F)</b>					<b>18.12</b>
<b>Total (A+B+C+D+E)</b>			<b>1,828.48</b>	<b>81.21</b>	<b>1,585.37</b>

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

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# **ANNEX-II**

FORM- 1

## Summary Sheet

Name of the Petitioner : NHPC Ltd.

Name of the Generating Station : Chutak Power Station

Region : Northern

State: J&amp;K

District : Kargil

(₹ Lakh)

Sl. No.	Particulars	Existing 2018-19 <sup>^</sup>	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
1.1	Depreciation	4,642.10	4,678.31	4,727.82	4,788.61	4,830.13	4,841.04
1.2	Interest on Loan	1,110.40	1,260.06	1,108.81	964.93	817.86	631.63
1.3	Return on Equity <sup>1</sup>	5,528.98	5,243.62	5,276.28	5,333.89	5,378.69	5,386.11
1.4	Interest on Working Capital	406.91	359.50	367.43	376.46	385.39	393.16
1.5	O & M Expenses	2,665.20	4,047.99	4,240.96	4,443.13	4,654.93	4,876.83
	<b>Total</b>	<b>14,353.58</b>	<b>15,589.49</b>	<b>15,721.30</b>	<b>15,907.02</b>	<b>16,067.00</b>	<b>16,128.77</b>

Note

1: Details of calculations, considering equity as per regulation, to be furnished.

<sup>^</sup> As per truing up petition for the period 2014-19.

For Arora Vohra & Co.  
Chartered Accountants  
FRN No. : 009487N

(CA. Hardeep Aggarwal)

M. No. 088243

Partner

UDIN: 19088243AAAA CC 58 56



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

Name of the Petitioner : NHPC LIMITED  
 Name of the Generating Station : CHUTAK POWER STATION  
 Place (Region/District/State) : NORTHERN /KARGIL / J&K

**Statement showing claimed capital cost-(A+B)**

(Rs. Lakh)

Sl. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	92,818.85	93,738.87	94,793.13	96,163.09	96,448.99
2	Add : Addition during the year / period	707.09	865.02	282.74	225.00	145.00
3	Less : De-capitalisation during the year / period	8.43	22.65	0.00	0.00	0.00
4	Less : Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add : Discharges during the year / period	221.36	211.89	1,087.22	60.90	4.00
6	<b>Closing Capital Cost</b>	<b>93,738.87</b>	<b>94,793.13</b>	<b>96,163.09</b>	<b>96,448.99</b>	<b>96,597.99</b>
7	<b>Average Capital Cost</b>	<b>93,278.86</b>	<b>94,266.00</b>	<b>95,478.11</b>	<b>96,306.04</b>	<b>96,523.49</b>

**Statement showing claimed capital cost eligible for RoE at normal rate (A)**

Sl. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	92,818.85	93,170.21	93,731.47	95,101.43	95,297.33
2	Add : Addition during the year / period	138.43	372.02	282.74	135.00	30.00
3	Less : De-capitalisation during the year / period	8.43	22.65	0.00	0.00	0.00
4	Less : Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add : Discharges during the year / period	221.36	211.89	1,087.22	60.90	4.00
6	<b>Closing Capital Cost</b>	<b>93,170.21</b>	<b>93,731.47</b>	<b>95,101.43</b>	<b>95,297.33</b>	<b>95,331.33</b>
7	<b>Average Capital Cost</b>	<b>92,994.53</b>	<b>93,450.84</b>	<b>94,416.45</b>	<b>95,199.38</b>	<b>95,314.33</b>

**Statement showing claimed capital cost eligible for RoE at Weighted average rate of interest on actual loan portfolio (B)**

Sl. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	0.00	568.66	1,061.66	1,061.66	1,151.66
2	Add : Addition during the year / period	568.66	493.00	0.00	90.00	115.00
3	Less : De-capitalisation during the year / period	0.00	0.00	0.00	0.00	0.00
4	Less : Reversal during the year / period	0.00	0.00	0.00	0.00	0.00
5	Add : Discharges during the year / period	0.00	0.00	0.00	0.00	0.00
6	<b>Closing Capital Cost</b>	<b>568.66</b>	<b>1,061.66</b>	<b>1,061.66</b>	<b>1,151.66</b>	<b>1,266.66</b>
7	<b>Average Capital Cost</b>	<b>284.33</b>	<b>815.16</b>	<b>1,061.66</b>	<b>1,106.66</b>	<b>1,209.16</b>

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

Name of the Petitioner : NHPC LIMITED  
 Name of the Generating Station : CHUTAK POWER STATION  
 Place (Region/District/State) : NORTHERN / LEH / J&K

**Statement showing Return on Equity at Normal Rate**

(Rs. in Lakh)

Sl. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Gross Opening Equity (Normal)	27,845.66	27,951.07	28,119.44	28,530.43	28,589.20
2	Less: Adjustment in Equity	0.00	0.00	0.00	0.00	0.00
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	27,845.66	27,951.07	28,119.44	28,530.43	28,589.20
5	Add : Increase in equity due to addition during the year/period	41.53	111.61	84.82	40.50	9.00
6	Less : Decrease due to de-capitilization during the year/period	2.53	6.80	0.00	0.00	0.00
7	Less: Decrease due to reversal during the year/period	0.00	0.00	0.00	0.00	0.00
8	Add: Increase due to discharge during the year/period	66.41	63.57	326.17	18.27	1.20
9	Net closing Equity(Normal)	27,951.07	28,119.44	28,530.43	28,589.20	28,599.40
10	Average Equity (Normal)	27,898.36	28,035.25	28,324.94	28,559.82	28,594.30
11	Rate of ROE	18.782%	18.782%	18.782%	18.782%	18.782%
12	<b>Total ROE</b>	<b>5239.87</b>	<b>5265.58</b>	<b>5319.99</b>	<b>5364.10</b>	<b>5370.58</b>

**Statement showing Return on Equity at Weighted Average Rate of Interest on Actual Loan Portfolio**

Sl. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Gross Opening Equity [pertaining to Proviso to Regulation 30(2)]	0.00	170.60	318.50	318.50	345.50
2	Less: Adjustment in Equity	0.00	0.00	0.00	0.00	0.00
3	Adjustment during the year	0.00	0.00	0.00	0.00	0.00
4	Net Opening Equity (Normal)	0.00	170.60	318.50	318.50	345.50
5	Add : Increase in equity due to addition during the year/period	170.60	147.90	0.00	27.00	34.50
6	Less : Decrease due to de-capitilization during the year/period	0.00	0.00	0.00	0.00	0.00
7	Less: Decrease due to reversal during the year/period	0.00	0.00	0.00	0.00	0.00
8	Add: Increase due to discharge during the year/period	0.00	0.00	0.00	0.00	0.00
9	Net closing Equity [pertaining to Proviso to Regulation 30(2)]	170.60	318.50	318.50	345.50	380.00
10	Average Equity [pertaining to Proviso to Regulation 30(2)]	85.30	244.55	318.50	332.00	362.75
11	Rate of ROE (weighted average rate of interest on actual loan portfolio)	4.399%	4.376%	4.364%	4.393%	4.281%
12	<b>Total ROE</b>	<b>3.75</b>	<b>10.70</b>	<b>13.90</b>	<b>14.58</b>	<b>15.53</b>

Note: 1. Adjustment of equity as per Proviso to Regulation 18(3) of 2019 Tariff Regulations

Note: 2. With respect to Equity infusion, the Generating Company is required to substantiate with supporting documents such as board resolution, balance sheet/ reconciliation statement with balance sheet.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

**Details of COD, Type of hydro station, Normative Annual Plant Availability Factor(NAPAF) & Other normative parameters considered for tariff calculation**

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

	Particulars	Unit	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
	1	2	3	4	5	6	7	8
1	Installed Capacity	MW	44	44				
2	Free power to home state	%	12	12				
3	Free power under Local Area Development Fund (LADAF)	%	1	1				
4	Date of commercial operation							
	Unit-1		29.11.2012	29.11.2012				
	Unit-2		29.11.2012	29.11.2012				
	Unit-3		29.11.2012	29.11.2012				
	Unit-4		01.02.2013	01.02.2013				
5	Type of Station							
	a) Surface / underground		Underground	Underground				
	b) Purely ROR / Pondage/ Storage		Purely ROR	Purely ROR				
	c) Peaking / non-peaking		Non-peaking	Non-peaking				
	d) No. of hours of peaking							
	e) Overload capacity (MW) & period		12.1 MW per Machine & Continuous per Machine	12.1 MW per Machine & Continuous per Machine				
6	Type of excitation							
	a) Rotating exciters on generator							
	b) Static excitation		Static	Static				
7	Design Energy (Annual) <sup>1</sup>	Gwh	212.93	212.93				
8	Auxiliary Consumption including Transformation losses	%	upto 5%	upto 5%				
9	Normative Annual Plant Availability Factor (NAPAF)	%	50	50				
9.1	Maintainance Spares for WC	% of O&M	15	15				
9.2	Receivables for WC	in Months	2	2				
9.3	Base Rate of Return on Equity	%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
9.4	Base Rate of Return on Equity on Add. Capitalization after cut-off date*			3.63%	3.61%	3.60%	3.63%	3.53%
9.5	Tax Rate (MAT) <sup>2</sup>	%	21.549	17.472				
9.6	Effective Tax Rate <sup>4</sup>	%	22.157	17.472	17.472	17.472	17.472	17.472
9.7	Bank Rate (MCLR) + base points as on 01.04.2019 <sup>3</sup>	%		12.05%				

1. Month wise 10-day Design energy figures to be given separately with the petition.

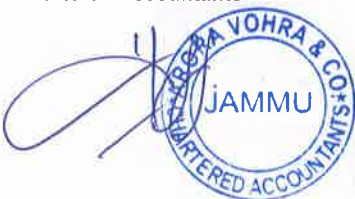
2. Tax rate applicable to the company for the year FY 2018-19 should also be furnished.

3. Mention relevant date


4. Effective tax rate is to be computed in accordance with Regulation 31 i.e. actual tax (or advance tax) / gross income, where gross income refers the profit before tax.

**Note:** Effective tax rate for 2019-20 will be known only after financial year closure. Hence, MAT rate of FY 2019-20 has been considered for grossing up of ROE for the period 2019-24.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comm.)

## Salient Features of Hydroelectric Project

Name of the Petitioner: NHPC LIMITED

Name of the Generating Station: CHUTAK POWER STATION

<b>1. Location</b>	
State / Distt.	JAMMU AND KASHMIR / KARGIL
River	SURU
<b>2. Diversion Channel</b>	
Size, shape	20 M WIDE, TRAPEZOIDAL
Length (M)	320 M
<b>3. Barrage</b>	
Type	RCC RAFT WITH PIERS
Maximum dam height (M)	15 M HIGH ABOVE CREST LEVEL
<b>4. Spillway</b>	
Type	GATED WEIR WITH BREAST WALL
Crest level of spillway (M)	E.L. 2768 M
<b>5. Reservoir</b>	
Full Reservoir Level (FRL) (M)	E.L. 2781 M
Minimum Draw Down Level (MDDL)	-
Live storage (MCM)	NIL
<b>6. Desilting Chamber</b>	
Type	NA
Number and Size	
Particle size to be removed(mm)	
<b>7. Head Race Tunnel</b>	
Size and type	5.9 M DIA, H.S. SHAPED
Length (M)	4780 M
Design discharge (Cumecs)	96.2 CUMECS
<b>8. Surge Shaft</b>	
Type	ORIFICE TYPE
Diameter (M)	19 M
Height (M)	59 M
<b>9. Penstock/Pressure shafts</b>	
Type	CIRCULAR (4 Nos. PENSTOCKS STEEL LINED & 2 Nos. PRESSURE SHAFT RCC LINED)
Diameter & Length (M)	EACH PENSTOCK 2.3 M DIA, 21 M LONG / PRESSURE SHAFT OF 4.0 M DIA EACH, 153 & 118 M LONG.
<b>10. Power House</b>	
Installed capacity (No of units x MW)	44 MW (4 X 11 MW)
Type of turbine	VERTICAL FRANCIS
Rated Head (M)	52 M
Rated Discharge (Cumecs)	96.2 CUMECS
Head at Full Reservoir Level (M)	63.7 M
Head at Minimum Draw down Level (M)	52M
MW Capability at FRL	44
MW Capability at MDDL	44
<b>11. Tail Race Tunnel / Channel</b>	
Diameter (M), shape	5.9 M DIA, H.S. SHAPED
Length (M)	50 M
Minimum tail water level(M)	E.L. 2716.03 M
<b>12. Switchyard</b>	
Type of Switch gear	Outdoor Switchyard
No. of generator bays	4
No. of Bus coupler bays	1
No. of line bays	2
Note : Specify limitation on generation during specific time period(s) on account of restrictions on water use due to irrigation, drinking water, industrial, environmental considerations etc.	

For Arora Vohra & Co.  
Chartered Accountants

For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

## Details of Foreign loans

(Details only in respect of loans applicable to the project under petition)

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

Exchange Rate at COD

Exchange Rate as on 31.3.2014

Sl.	Financial Year (Starting from COD)	Year 1				Year 2				Year 3 and so on			
		1	2	3	4	5	6	7	8	9	10	11	12
		Date	Amount (Foregin Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin Currency)	Relevant Exchange Rate	Amount (Rs. Lakh)
	Currency1 <sup>1</sup>												
A	1 At the date of Drawl <sup>2</sup>												
	2 Scheduled repayment date of principal												
	3 Scheduled payment date of interest												
	4 At the end of Financial year												
B	In case of Hedging <sup>3</sup>												
	1 At the date of hedging												
	2 Period of hedging												
	3 Cost of hedging												
	Currency2 <sup>1</sup>												
A	1 At the date of Drawl <sup>2</sup>												
	2 Scheduled repayment date of principal												
	3 Scheduled payment date of interest												
	4 At the end of Financial year												
B	In case of Hedging <sup>3</sup>												
	1 At the date of hedging												
	2 Period of hedging												
	3 Cost of hedging												
	Currency3 <sup>1</sup> & so on												
A	1 At the date of Drawl <sup>2</sup>												
	2 Scheduled repayment date of principal												
	3 Scheduled payment date of interest												
	4 At the end of Financial year												
B	In case of Hedging <sup>3</sup>												
	1 At the date of hedging												
	2 Period of hedging												
	3 Cost of hedging												

Not Applicable

1. Name of the currency to be mentioned e.g. US\$, DM, etc.
2. In case of more than one drawl during the year, Exchange rate at the date of each drawl to be given
3. Furnish details of hedging, in case of more than one hedging during the year or part hedging, details of each hedging are to be given
4. Tax (such as withholding tax) details as applicable including change in rates, date from which change effective etc. must be clearly indicated.

For Arora Vohra & Co.  
Chartered Accountants

For NHPC Limited


  
 (M G Gokhale)  
 General Manager (Comml.)



**Details of Foreign Equity**

(Details only in respect of Equity infusion if any applicable to the project under petition)

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

Exchange Rate on date/s if infusion :

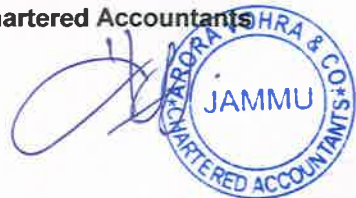
Sl.	Financial Year	Year 1				Year 2				Year 3 and so on			
		1	2	3	4	5	6	7	8	9	10	11	12
		Date	Amount (Foregin Currency)	Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin Currency)	Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin Currency)	Exchange Rate	Amount (Rs. Lakh)
	<b>Currency1<sup>1</sup></b>												
A 1	At the date of infusion <sup>2</sup>												
	2												
	3												
	<b>Currency2<sup>1</sup></b>												
A 1	At the date of infusion <sup>2</sup>												
	2												
	3												
	<b>Currency3<sup>1</sup></b>												
A 1	At the date of infusion <sup>2</sup>												
	2												
	3												
	<b>Currency4<sup>1</sup> &amp; so on</b>												
A 1	At the date of infusion <sup>2</sup>												
	2												
	3												

Not Applicable

1. Name of the currency to be mentioned e.g. US\$, DM, etc.

2. In case of equity infusion more than once during the year, Exchange rate at the date of each infusion to be given.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

*(Signature)*  
(M G Gokhale)  
General Manager (Comml.)

### Abstract of Admitted Capital Cost for the existing Projects

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

Capital Cost as admitted by CERC		
a)	<b>Capital cost admitted as on <u>31.03.2014</u></b>	<b>₹ 868.65 Crs</b>
	(Give reference of the relevant CERC Order with Petition No. & Date)	As allowed by CERC vide order dated 21.03.2017 in Petition no. 190/GT/2015.
b)	Foreign Component, if any (In Million US \$ or the relevant Currency)	
c)	Foreign Exchange rate considered for the admitted Capital cost (Rs Lakh)	
d)	Total Foreign Component (Rs. Lakh)	
e)	Domestic Component (Rs. Lakh.)	₹ 868.65 Crs
f)	Hedging cost, if any, considered for the admitted Capital cost (Rs Lakh)	
	<b>Total Capital cost admitted (Rs. Lakh) (d+e+f)</b>	<b>₹ 868.65 Crs</b>

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

*d*  
(M G Gokhale)  
General Manager (Comml.)

**Abstract of Capital Cost Estimates and Schedule of Commissioning for the New Projects**

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

**New Projects**

**Capital Cost Estimates**

Board of Director/ Agency approving the Capital cost estimates:		
Date of approval of the Capital cost estimates:		
	<b>Present Day Cost</b>	<b>Completed Cost</b>
Price level of approved estimates	As on End of ____ Qtr. Of the year _____	As on scheduled COD of the Station
Foreign Exchange rate considered for the Capital cost estimates		
<b>Capital Cost excluding IDC, IEDC &amp; FC</b>		
Foreign Component, if any (In Million US \$ or the relevant currency)		
Domestic Component (Rs. Lakh)	<b>NA</b>	
<b>Capital cost excluding IDC, IEDC, FC, FERV &amp; Hedging Cost (Rs. Lakh)</b>		
<b>IDC, IEDC, FC, FERV &amp; Hedging Cost</b>		
Foreign Component, if any (In Million US \$ or the relevant currency)		
Domestic Component (Rs. Lakh)	<b>NA</b>	
<b>Total IDC, IEDC, FC, FERV &amp; Hedging Cost (Rs. Lakh)</b>		
Rate of taxes & duties considered	<b>NA</b>	
<b>Capital cost including IDC, IEDC, FC, FERV &amp; Hedging Cost</b>		
Foreign Component, if any (In Million US \$ or the relevant currency)		
Domestic Component (Rs. Lakh)	<b>NA</b>	
<b>Capital cost including IDC, IEDC &amp; FC (Rs. Lakh)</b>		
<b>Schedule of Commissioning as per investment approval approval</b>	<b>NA</b>	
Scheduled COD of Unit-I		
Scheduled COD of Unit-II		
.....		
.....		
Scheduled COD of last Unit/Station		

Note:

1. Copy of approval letter should be enclosed
2. Details of Capital Cost are to be furnished as per FORM-5B or 5C as applicable.
3. Details of IDC & Financing Charges are to be furnished as per FORM-14.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

**Break-up of Capital Cost for New Hydro Power Generating Station**

Name of the Petitioner : NHPC LIMITED  
 Name of the Generating Station : CHUTAK POWER STATION

(Amount in Lakh)

Sl. No.	Break Down	Original cost as approved by Authority/Investment Approval	Actual Capital Expenditure as on actual/anticipated COD	Liabilities/ Provisions	Variation	Reason for Variation
1	2	3	4	5	6=3-4-5	7
1.0	<b>Infrastructure Works</b>					
1.1	Preliminary including Development Land *					
1.2						
1.3	R&R Expenditure					
1.4	Buildings					
1.5	Township					
1.6	Maintenance					
1.7	Tools & Plants					
1.8	Communication					
1.9	Environment & Ecology					
1.10	Losses on stock					
1.11	Receipt & Recoveries					
1.12	<b>Total (Infrastructure works)</b>					
2.0	<b>Major Civil Works</b>					
2.1	Dam, Intake & Desilting Chambers					
2.2	HRT, TRT, Surge Shaft & Pressure shafts					
2.3	Power Plant civil works					
2.4	Other civil works (to be specified)					
2.5	<b>Total (Major Civil Works)</b>					
3.0	<b>Hydro Mechanical equipments</b>					
4.0	<b>Plant &amp; Equipment</b>					
4.1	Initial spares of Plant & Equipment					
4.2	<b>Total (Plant &amp; Equipment)</b>					
5.0	<b>Taxes and Duties</b>					
5.1	Custom Duty					
5.2	Other taxes & Duties					
5.3	<b>Total Taxes &amp; Duties</b>					
6.0	<b>Construction &amp; Pre-commissioning expenses</b>					
6.1	Erection, testing & commissioning					
6.2	Construction Insurance					
6.3	Site supervision					
6.4	<b>Total (Const. &amp; Pre-commissioning)</b>					
7.0	<b>Overheads</b>					
7.1	Establishment					
7.2	Design & Engineering					
7.3	Audit & Accounts					
7.4	Contingency					
7.5	Rehabilitation & Resettlement					
7.6	<b>Total (Overheads)</b>					
8.0	<b>Capital Cost without IDC, FC, FERV &amp; Hedging Cost</b>					
9.0	<b>IDC, FC, FERV &amp; Hedging Cost</b>					
9.1	Interest During Construction (IDC)					
9.2	Financing Charges (FC)					
9.3	Foreign Exchange Rate Variation (FERV)					
9.4	Hedging Cost					
9.5	<b>Total of IDC, FC, FERV &amp; Hedging Cost</b>					
10.0	<b>Capital cost including IDC, FC, FERV &amp; Hedging Cost</b>					

Not Applicable

\*Provide details of Freehold Land, Leasehold Land and Land under reservoir separately

**Note:**

- In case of cost variation, a detailed note giving reasons of such variation should be submitted clearly indicating whether such cost over-run was beyond the control of the generating company.
- In case of both time & cost overrun, a detailed note giving reasons of such time and cost over-run should be submitted clearly bringing out the agency responsible and whether such time and cost overrun was beyond the control of the generating company.
- The implication on cost due to time over run, if any shall be submitted separately giving details of increase in prices in different packages from scheduled COD to Actual COD/anticipated COD, increase in IEDC from scheduled COD to actual COD/anticipated COD and increase of IDC from scheduled COD to actual anticipated COD.
- Impact on account of each reason for Time over run on Cost of project should be quantified and substantiated with necessary documents and supporting workings.
- A list of balance work assets/work wise including initial spare on original scope of works along with estimate shall be furnished positively.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

*(Signature)*  
(M G Gokhale)  
General Manager (Comm)

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**Break-up of Capital Cost for Plant & Equipment (New Projects)**

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

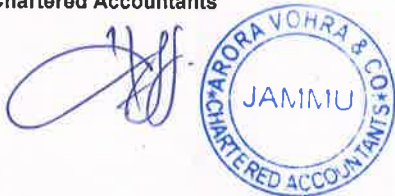
(Amount in Lakh)

Sl. No.	Break Down	Original cost as approved by Authority/Investment Approval <sup>1</sup>	Cost on Actual/anticipated COD <sup>1</sup>	Variation	Reason for Variation *
1	2	Total Cost	Total Cost	3	4
1.0	<b>Generator,turbine &amp; Accessories</b>				
1.1	Generator package				
1.2	Turbine package				
1.3	Unit control Board				
1.4	C&I package				
1.5	Bus Duct of GT connection				
1.6	<b>Total (Generator, turbine &amp; Accessories)</b>				
2.0	<b>Auxiliary Electrical Equipment</b>				
2.1	Step up transformer				
2.2	Unit Auxiliary Transformer				
2.3	Local supply transformer				
2.4	Station transformer				
2.5	SCADA				
2.6	Switchgear, Batteries, DC dist. Board				
2.7	Telecommunication equipment				
2.8	Illumination of Dam, PH and Switchyard				
2.9	Cables & cable facilities, grounding				
2.10	Diesel generating sets				
2.11	<b>Total (Auxiliary Elect. Equipment)</b>				
3.0	<b>Auxiliary equipment &amp; services for power station</b>				
3.1	EOT crane				
3.2	Other cranes				
3.3	Electric lifts & elevators				
3.4	Cooling water system				
3.5	Drainage & dewatering system				
3.6	Fire fighting equipment				
3.7	Air conditioning, ventilation and heating				
3.8	Water supply system				
3.9	Oil handling equipment				
3.10	Workshop machines & equipment				
3.11	<b>Total (Auxiliary equipmt. &amp; services for PS)</b>				
4.0	<b>Switchyard package</b>				
5.0	<b>Initial spares for all above equipments</b>				
6.0	<b>Total Cost (Plant &amp; Equipment) excluding IDC, FC, FERV &amp; Hedging Cost</b>				
7.0	<b>IDC, FC, FERV &amp; Hedging Cost</b>				
7.1	Interest During Construction (IDC)				
7.2	Financing Charges (FC)				
7.3	Foreign Exchange Rate Variation (FERV)				
7.4	Hedging Cost				
7.5	<b>Total of IDC, FC, FERV &amp; Hedging Cost</b>				
8.0	<b>Total Cost (Plant &amp; Equipment) Including IDC, FC, FERV &amp; Hedging cost</b>				

**Note:**

1. In case of cost variation, a detailed note giving reasons of such variation should be submitted clearly indicating whether such cost overrun was beyond the control of the generating company.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comm)

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Break-up of Construction/Supply/Service packages

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

1	Name/No. of Construction / Supply / Service Package	Package A	Package B	Package C	.....	Total Cost of all packages
2	Scope of works <sup>1</sup> (in line with head of cost break-ups as applicable)					
3	Whether awarded through ICB/DCB/ Departmentally/Deposit Work					
4	No. of bids received					
5	Date of Award					
6	Date of Start of work					
7	Date of Completion of Work/Expected date of completion of work					
8	Value of Award <sup>2</sup> in (Rs. Lakh)					
9	Firm or With Escalation in prices					
10	Actual capital expenditure till the completion or up to COD whichever is earlier(Rs.Lakh)					
11	Taxes & Duties and IEDC (Rs. Lakh)					
12	IDC, FC, FERV & Hedging cost (Rs. Lakh)					
13	Sub -total (10+11+12) (Rs. Lakh)					

Not Applicable

**Note:**

1. If there is any package, which need to be shown in Indian Rupee and foreign currency (ies), the same should be shown separately along with the currency, the exchange rate and the date.

**For Arora Vohra & Co.**  
Chartered Accountants



**For NHPC Limited**

  
(M G Gokhale)  
General Manager (Comm.)

In case there is cost over run

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

Sl. No.	Break Down	Original cost as approved by Board Members (Rs in Lakhs)	Actual/Estimated Cost as incurred/to be incurred (Rs Lakh)	Difference	Reason for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost
		Total Cost	Total Cost	Total Cost		
<b>1.0</b>	<b>Cost of Land &amp; Site Development</b>					
1.1	Land*					
1.2	Rehabilitation & Resettlement (R&R)					
1.3	Preliminary Investigation & Site Development					
<b>2.0</b>	<b>Plant &amp; Equipment</b>					
2.1	Steam Generator Island					
2.2	Turbine Generator Island					
2.3	BOP Mechanical					
2.3.1	Fuel Handling & Storage system					
2.3.2	External water supply system					
2.3.3	DM water Plant					
2.3.4	Clarification plant					
2.3.5	Chlorination Plant					
2.3.6	Fuel Handling & Storage system					
2.3.7	Ash Handling System					
2.3.8	Coal Handling Plant					
2.3.9	Rolling Stock and Locomotives					
2.3.10	MGR					
2.3.11	Air Compressor System					
2.3.12	Air Condition & Ventilation System					
2.3.13	Fire fighting System					
2.3.14	HP/LP Piping					
	<b>Total BOP Mechanical</b>					
<b>2.4</b>	<b>BOP Electrical</b>					
2.4.1	Switch Yard Package					
2.4.2	Transformers Package					
2.4.3	Switch gear Package					
2.4.4	Cables, Cable facilities & grounding					
2.4.5	Lighting					
2.4.6	Emergency D.G. set					
	<b>Total BOP Electrical</b>					
<b>2.5</b>	<b>Control &amp; Instrumentation (C &amp; I) Package</b>					
	<b>Total Plant &amp; Equipment excluding taxes &amp; Duties</b>					
<b>3</b>	<b>Initial Spares</b>					

Not Applicable

Sl. No.	Break Down	Original cost as approved by Board Members (Rs in Lakhs)	Actual/Estimated Cost as incurred/to be incurred (Rs Lakh)	Difference	Reason for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost
		Total Cost	Total Cost	Total Cost		
4	<b>Civil Works</b>					
4.1	Main plant/Adm. Building					
4.2	CW system					
4.3	Cooling Towers					
4.4	DM water Plant					
4.5	Clarification plant					
4.6	Chlorination plant					
4.7	Fuel handling & Storage system					
4.8	Coal Handling Plant					
4.9	MGR & Marshalling Yard					
4.10	Ash Handling System					
4.11	Ash disposal area development					
4.12	Fire fighting System					
4.13	Township & Colony					
4.14	Temp. construction & enabling works					
4.15	Road & Drainage					
	<b>Total Civil works</b>					
5.0	<b>Construction &amp; Pre- Commissioning Expenses</b>					
5.1	Erection Testing and commissioning					
5.2	Site supervision					
5.3	Operator's Training					
5.4	Construction Insurance					
5.5	Tools & Plant					
5.6	Start up fuel					
	<b>Total Construction &amp; Pre- Commissioning Expenses</b>					
6.0	<b>Overheads</b>					
6.1	Establishment					
6.2	Design & Engineering					
6.3	Audit & Accounts					
6.4	Contingency					
	<b>Total Overheads</b>					
7.0	<b>Capital cost excluding IDC &amp; FC</b>					
8.0	<b>IDC, FC, FERV &amp; Hedging Cost</b>					
8.1	Interest During Construction (IDC)					
8.2	Financing Charges (FC)					
8.3	Foreign Exchange Rate Variation (FERV)					
8.4	Hedging Cost					
	<b>Total of IDC, FC, FERV &amp; Hedging Cost</b>					
9.0	<b>Capital cost including IDC, FC, FERV &amp; Hedging Cost</b>					

Not Applicable

\*Submit details of Freehold and Lease hold land

Note: Impact on account of each reason for Cost overrun should be quantified and substantiated with necessary documents and supporting workings.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comm.)



In case there is time over run

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

S. No.	Description of Activity/Works/Service	Original Schedule (As per Planning)		Actual Schedule (As per Actual)		Time Over-Run Days	Reasons for delay	Other Activity effected (Mention Sr No of activity affected)
		Start Date	Completion Date	Actual Start Date	Actual Completion Date			
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

Not Applicable

1. Delay on account of each reason in case of time overrun should be quantified and substantiated with necessary documents and supporting workings.

2. Indicates the activities on critical path.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

## Financial Package upto COD

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

Project Cost as on COD<sup>1</sup> : 81401.35 Lakhs\*Date of Commercial Operation of the Station<sup>2</sup> : 01.02.2013

Amount ₹ in Lakhs

1	Financial Package as Approved		Financial Package as on COD*		As Admitted on COD	
	Currency and Amount <sup>3</sup>		Currency and Amount <sup>3</sup>		Currency and Amount <sup>3</sup>	
	2	3	4	5	6	7
<b>Loan:-</b>						
FOREIGN LOAN			INR	0.00	INR	0.00
POWER FINANCE CORPORATION LTD.			INR	5950.00	INR	5950.00
SUBORDINATE DEBT GOI			INR	36400.00	INR	36400.00
Q SERIES BONDS			INR	500.00	INR	500.00
CORPORATION BANK			INR	88.00	INR	88.00
NORMATIVE LOAN			INR	14042.94	INR	14042.94
<b>Total Loans</b>			INR	56980.94	INR	56980.94
<b>Equity:-</b>						
Foreign				0.00		0.00
Domestic (GoI/IPO/IR)			INR	24420.41	INR	24420.41
<b>Total Equity</b>			INR	24420.41	INR	24420.41
Debt : Equity Ratio				70:30		70:30

\* Figures as per the CERC Order dated 21.03.2017 in petition no. 3/GT/2013. This cost excludes undischarged liability amounting to ₹ 2725.47 Lakhs<sup>^^</sup> existed at the time of COD.

**Note:**

1. Say Rs. 80 Cr. + US\$ 200 m or Rs. 1320 Cr. including US\$ 200 m at an exchange rate of US\$=Rs 62
2. Date of Commercial Operation means Commercial Operation of the last unit
3. For example : US \$ 200m, etc.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

**PART-II  
FORM-7**

**Details of Project Specific Loans**

**Name of the Company:** NHPC LTD  
**Name of the Power Station:** CHUTAK PS

(Amount in lakh)

Particulars	Package1	Package2	Package3	Package4	Package5
1	2	3	4	5	6
Source of Loan <sup>1</sup>	Subordinate Debt GOI	NORMATIVE LOAN / FRESH BORROWINGS			
Currency <sup>2</sup>	INR	INR			
Amount of Loan sanctioned	55475				
Amount of Gross Loan drawn upto 31.03.2019/COD <sup>3,4,5,13,15</sup>	53163.54				
Interest Type <sup>5</sup>	FIXED	Fixed			
Fixed Interest Rate, if applicable#	2.50%	2.86%			
Base Rate, if Floating Interest <sup>7</sup>	N.A.	N.A.			
Margin, if Floating Interest <sup>8</sup>	N.A.	N.A.			
Are there any Caps/Floor <sup>9</sup>	N.A.	N.A.			
If above is yes,specify caps/floor	N.A.	N.A.			
Moratorium Period <sup>10</sup>	146 MONTHS				
Moratorium effective from	23-11-2006				
Repayment Period <sup>11</sup>	24 YEARS				
Repayment effective from	01-02-2019				
Repayment Frequency <sup>12</sup>	ANNUALLY				
Repayment Instalment <sup>13,14</sup>	2311.46				
Base Exchange Rate <sup>16</sup>	N.A.				
Are Foreign currency hedged?	N.A.				
If above is yes,specify details.17	N.A.				

# Weighted average rate of Interest on Loans as on 31.03.2019.

- <sup>1</sup> Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.
- <sup>2</sup> Currency refers to currency of loan such as US\$, DM, Yen, Indian Rupee etc.
- <sup>3</sup> Details are to be submitted as on 31.03.2019 for existing assets and as on COD for the remaining assets.
- <sup>4</sup> Where the loan has been refinanced, details in the Form is to be given for the loan refinanced. However, the details of the original loan is to be given seperately in the same form.
- <sup>5</sup> If the Tariff in the petition is claimed seperately for various units, details in the Form is to be given seperately for all the units in the same form.
- <sup>6</sup> Interest type means whether the interest is fixed or floating.
- <sup>7</sup> Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Documentary evidence for applicable base rate on different dates from the date of drawl may also be enclosed.
- <sup>8</sup> Margin means the points over and above the floating rate.
- <sup>9</sup> At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.
- <sup>10</sup> Moratorium period refers to the period during which loan servicing liability is not required.
- <sup>11</sup> Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.



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<sup>12</sup> Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, annual, etc.

<sup>13</sup> Where there is more than one drawal/repayment for a loan, the date & amount of each drawal/repayment may also be given separately

<sup>14</sup> If the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be furnished separately.

<sup>15</sup> In case of Foreign loan, date of each drawal & repayment alongwith exchange rate at that date may be given with documentary evidence.

<sup>16</sup> Base exchange rate means the exchange rate prevailing as on 31.03.2019 for existing assets and as on COD for the remaining assets.

<sup>17</sup> In case of hedging specify the details like type of hedging, period of hedging, cost of hedging etc.

<sup>18</sup> In case of foreign loans, provide details of exchange rate considered on date of each repayment of principal and date of interest payment.

<sup>19</sup> At the time of truing up of rate of interest with relevant reset rate (if any) to be furnished separately.

<sup>20</sup> At the time of truing up provide details of refinance of loan consider earlier. Details such as rate on which refinancing done, amount of refinance loans, terms & conditions of refinance loan, financing and other charges incurred for refinancing etc.

<sup>21</sup> Call or put option, if any exercised by the generating company for refinancing of loan.

<sup>22</sup> Copy of loan agreement.

**For Arora Vohra & Co.  
Chartered Accountants**



**For NHPC Limited**

  
**(M G Gokhale)  
General Manager (Comml.)**

## Details of Allocation of corporate loans to various projects

Name of the Company  
Name of the Power Station

NHPC LTD.  
CHUTAK POWER STATION

(Amount in lakh)

Particulars	Package 1	Package 2	Package 3	Package 4	Package 5	Package 6	Package 7	Package 8	Package 9	Remarks
1	2	3	4	5	6	7	8	9	10	
Source of Loan <sup>1</sup>	Q-SERIES BONDS	R-1 SERIES BONDS	S-1 SERIES BONDS	X-SERIES BONDS	V SERIES BONDS	V2 SERIES BONDS	W1 - SERIES BONDS	W2 - SERIES BONDS		
Currency <sup>2</sup>	INR	INR	INR	INR	INR	INR	INR	INR		
Amount of Loan sanctioned	126600	8220	36500	150000	77500	147500	150000	75000		
Amount of Gross Loan drawn upto 31.03.2019/COD <sup>3,4,5,13,15</sup>	126600	8220	36500	150000	77500	147500	150000	75000		
Interest Type <sup>6</sup>	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed		
Fixed Interest Rate, if applicable	9.25%	8.70%	8.49%	8.65%	6.84%	7.52%	6.91%	7.35%		
Base Rate, if Floating Interest <sup>7</sup>	NA	N.A.	NA	NA	NA	NA	N.A.	N.A.		
Margin, if Floating Interest <sup>8</sup>	NA	Nil	NA	NA	NA	NA	N.A.	N.A.		
Are there any Caps/Floor <sup>9</sup>	NA	N.A.	NA	NA	NA	NA	N.A.	N.A.		
If above is yes,specify caps/floor	NA	N.A.	NA	NA	NA	NA	N.A.	N.A.		
Moratorium Period <sup>10</sup>	4 YEARS	2 YEARS	1 YEARS	4 YEARS	1 Years	6 Years	1 YEARS	6 YEARS		
Moratorium effective from	12-03-2012	11-02-2013	26/11/2014	08-02-2019	24-01-2017	06-06-2017	15-09-2017	15-09-2017		
Repayment Period <sup>11</sup>	12 YEARS	12 YEARS	10 YEARS	7 YEARS	5 Years	10 Years	5 YEARS	5 YEARS		
Repayment effective from	12-03-2016	11-02-2015	26/11/2015	08-02-2023	24-01-2018	06-06-2023	15-09-2018	15-09-2023		
Repayment Frequency <sup>12</sup>	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY		
Repayment Instalment <sup>13,14</sup>	10550.00	685	3650.00	21428.57	15500.00	29500.00	30000	15000		
Base Exchange Rate <sup>16</sup>	NA	N.A.	NA	N.A.	NA	NA	N.A.	N.A.		
Are Foreign currency hedged?	NA	N.A.	NA	N.A.	NA	NA	N.A.	N.A.		
If above is yes,specify details. <sup>17</sup>	NA	N.A.	NA	N.A.	NA	NA	N.A.	N.A.		
Name of the Projects										Total
Sewa-II	0.00	0.00	0.00	0.00	0.00	0.00	7227.50	0.00		7227.50
TLDP-III	4500.00	4920.00	0.00	0.00	13083.33	9166.67	19262.42	8888.42		59820.84
Uri-II	6000.00	2904.00	26329.00	12943.00	31094.63	19251.87	9456.20	9837.77		117816.46
Subansiri Lower	86600.00	0.00	0.00	0.00	0.00	26584.16	4793.34	5000.25		122977.75
Chamera-III	6000.00	0.00	0.00	7465.00	10235.70	11377.80	0.00	0.00		35078.50
Parbati-III	9000.00	0.00	8302.00	0.00	21926.08	30466.42	9898.08	9372.53		88965.11
Nimmo-Bazgo	0.00	204.00	644.00	6122.00	259.87	288.75	4826.45	3857.57		16202.64
Parbati-II	14000.00	0.00	0.00	47165.00	0.00	45701.67	78508.44	26181.14		211556.24
Chutak	500.00	192.00	1225.00	8758.00	33.00	36.67	2949.17	171.54		13865.37
Kishanganga	0.00	0.00	0.00	2300.00	867.38	4626.00	1784.63	1447.12		11025.12
Teesta-V	0.00	0.00	0.00	5171.00	0.00	0.00	1860.00	0.00		7031.00
SOLAR POWER PROJECT	0.00	0.00	0.00	14421.00	0.00	0.00	0.00	0.00		14421.00
WIND POWER PROJECT	0.00	0.00	0.00	22809.00	0.00	0.00	0.00	0.00		22809.00
TLDP-IV	0.00	0.00	0.00	22846.00	0.00	0.00	9433.79	10243.67		42523.45
Total	126600.00	8220.00	36500.00	150000.00	77500.00	147500.00	150000.00	75000.00		771320.00

<sup>1</sup> Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.

<sup>2</sup> Currency refers to currency of loan such as US\$, DM, Yen, Indian Rupee etc.

<sup>3</sup> Details are to be submitted as on 31.03.2019 for existing assets and as on COD for the remaining assets.

<sup>4</sup> Where the loan has been refinanced, details in the Form is to be given for the loan refinanced. However, the details of the original loan is to be given separately in the same form.

<sup>5</sup> If the Tariff in the petition is claimed separately for various units, details in the Form is to be given separately for all the units in the same form.

<sup>6</sup> Interest type means whether the interest is fixed or floating.

<sup>7</sup> Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Documentary evidence for applicable base rate on different dates from the date of drawl may also be enclosed.

<sup>8</sup> Margin means the points over and above the floating rate.

<sup>9</sup> At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.

<sup>10</sup> Moratorium period refers to the period during which loan servicing liability is not required.

<sup>11</sup> Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

<sup>12</sup> Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, annual, etc.

<sup>13</sup> Where there is more than one drawl/repayment for a loan, the date & amount of each drawl/repayment and its allocation may also be given separately.

<sup>14</sup> If the repayment Instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be furnished separately.

<sup>15</sup> In case of Foreign loan, date of each drawl & repayment alongwith exchange rate at that date may be given with documentary evidence.

<sup>16</sup> Base exchange rate means the exchange rate prevailing as on 31.03.2019 for existing assets and as on COD for the remaining assets.

<sup>17</sup> In case of hedging specify the details like type of hedging, period of hedging, cost of hedging etc.

<sup>18</sup> In case of foreign loans, provide details of exchange rate considered on date of each repayment of principal and date of interest payment.

<sup>19</sup> At the time of truing up of rate of interest with relevant reset rate (if any) to be furnished separately.

<sup>20</sup> At the time of truing up provide details of refinance of loan consider earlier. Details such as rate on which refinancing done, amount of refinance loans, terms & conditions of refinance loan, financing and other charges incurred for refinancing etc.

<sup>21</sup> Call or put option, if any exercised by the generating company for refinancing of loan.

<sup>22</sup> Copy of loan agreement.

For Arora Vohra & Co.  
Chartered Accountants



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For NHPC Limited

(M G Gokhale)  
General Manager (Comm.)

## Annexure to Form 8

Name of the Company **NHPC Ltd.**Name of the Power Station **CHUTAK POWER STATION**

(Amt. in lakh)

Sl. No	Name of the FI/ Loan	Date of Disbursement	Amount of Drawl	Rate of interest on the Date of Drawl	Rate on Interest on the date of Reset	Date of reset
1	Q-Series Bonds	12.03.2012	500.00	9.25%		
			<b>500.00</b>			
2	R1- SERIES BOND	11.02.2013	192.00	8.70%		
			<b>192.00</b>			
3	S-1 Series Bonds	26.11.2014	1225.00	8.49%		
			<b>1225.00</b>			
4	V SERIES BONDS	24.01.2017/06.06.2017	33.00	6.84%		
			<b>33.00</b>			
5	V2 SERIES BONDS	06.06.2017	36.67	7.52%		
			<b>36.67</b>			
6	W1 - SERIES BONDS	15.09.2017	2949.17	6.91%		
			<b>2949.17</b>			
7	W2 - SERIES BONDS	15.09.2017	171.54	7.35%		
			<b>171.54</b>			
8	X-SERIES BONDS	08.02.2019	8758.00	8.65%		
			<b>8758.00</b>			
9	Subordinate Debt GOI	up to COD i.e. 01.02.2013	36400.00	2.5% p.a. (interest not payable during construction period)		
		10.02.2016	1936.00			
		13.06.2016	14635.00			
		14.07.2017	762.00			
		11.01.2018	1742.00			
			<b>55475.00</b>			
	<b>TOTAL (1 to 9)</b>		<b>69340.37</b>			

For Arora Vohra & Co.  
Chartered Accountants

For NHPC Limited

  
 (M G Gokhale)  
 General Manager (Comml.)

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner  
Name of the Generating Station  
COD

NHPC LTD  
CHUTAK POWER STATION  
01-02-2013

S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Admitted cost by the Commission, if any	Remarks
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3				
<b>Financial Year 2019-20</b>									
1	Water supply system/drainage and sewerage	7.75		7.75		Regulation 25(1)	The said work was within Original Scope and allowed by CERC at sl. no. 6 FY2015-16 of Tariff order 2014-19. <i>The Work awarded during the period 2014-19 but could not be completed due to adverse climatic conditions and limited working season.</i> Details of the works are mentioned in Appendix-I.	50.00	S. No. 1 & 2 of Appendix-I of FORM-9A
2	Building-Others	18.50		18.50		Regulation 25(1)	The said work was within Original Scope and allowed by CERC at Sl. 3 of FY 2014-15 of tariff order 2014-19. <i>The work was awarded during 2014-19 but the payment couldnot be released..</i> Details of the works are mentioned in Appendix-I.	523.77	S. No. 4 of Appendix-I of FORM-9A
3	Main generating equipment,Generator step up transformer, Other power plant transformer,Cooling water systems, EHV switchgear system, DC Systems/Battery systems, Power & control cables, Air conditioning & ventilation, Control, metering & protection	59.64		59.64		Regulation 25(1)	The said work was within Original Scope and allowed by CERC at sl. no. 4 FY2015-16 of Tariff order 2014-19. <i>The work was awarded during 2014-19 but the payment couldnot be released.</i> Details of the works are mentioned in Appendix-I.	1196.45	S. No. 5 to 7 and 10 to 12 of Appendix-I of FORM-9A
4	Other Assets	19.10		19.10		Regulation 25(1)	The said work was within Original Scope and allowed by CERC at sl. no. 13 FY2014-15 of Tariff order 2014-19. <i>Some of the illuminations works could not done due to adverse climatic condition and limited working season at Kargil, now the same is proposed.</i> Details of the works are mentioned in Appendix-I.	183.00	S. No. 14-15 and 19 to 22 of Appendix-I of FORM-9A
5	Main generating equipment,Generator step up transformer, Other power plant transformer,Cooling water systems, EHV switchgear system, DC Systems/Battery systems, Power & control cables, Air conditioning & ventilation, Control, metering & protection	23.84		23.84		Regulation 25(1)	The said work was within Original Scope and allowed by CERC at sl. no. 5 FY2014-15 of Tariff order 2014-19. <i>Some pending works are required to be taken up which couldnot be completed during 2014-19 due to adverse climatic conditions at Kargil..</i> Details of the works are mentioned in Appendix-I.	881.10	S. No. 24 to 26 and 19 to 22 of Appendix-I of FORM-9A
6	Purchase of Desktop Computer	5.00		5.00		25(2)(a)	13 nos of computers have completed their useful life of three year and require replacement with Gross value of Rs,476621/- and WDV of 27652/-as on 31.03.2019	0.00	
7	Purchase of UPS	1.60		1.60		25(2)(a)	23 nos of UPS have completed their useful lifeof three year and require replacement with Gross value of Rs,135579/- and WDV of 11746/-as on 31.03.2019	0.00	



S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)			Regulations under which claimed	Justification	Admitted cost by the Commission, if any	Remarks	
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis					IDC included in col. 3
8	Purchase of printers and other peripherals	3.00		3.00		25(2)(a)	11 nos of printer have completed their useful life of three year and require replacement with Gross value of Rs,230612/- and WDV of 17718/- as on 31.03.2019	0.00	
9	Construction of field hostel at central store complex of chutak power station.	311.00		311.00		26(1)(d)	Due to additional requirement of rooms keeping in view of the shortage of accomodation new field hostel was constructed in Store Complex to protect the official from extreme cold condition.	0.00	
10	Electrification of field hostel at central store complex of chutak power station.	4.00		4.00		26(1)(d)	Electrification is essentially required for rooms keeping in view of the shortage of accomodation new field hostel was constructed in Store Complex to protect the official from extreme cold condition.	0.00	
11	Const. Of Security barrack at workshop/Central Store	224.10		224.10		26(1)(d)	42 nos.Security personnel of the JK Police were permanently hired by Chutak Power Station for the watch and ward of vital locations of power station. In this regard, an agreement was signed with JK police which interaila includes obligation on the part of NHPC to provide accomodation to their personnel.Construction barrack was done in order to honour the terms and conditions of the agreement.	0.00	
12	Electrification of Newly constructed Security Barrack at central store.	6.21		6.21		26(1)(d)		0.00	
13	Const. Of Fire Station	4.39		4.39		26(1)(d)	Fire station is required at Power station for the safety and to compliance safety norms	0.00	
14	Providing & Fixing of chequered plates over open cable trenches in PH and const. Of gate at O point of barrage	1.96		1.96		26(1)(d)	Chequre plates are required to cover the open cable trench in order to comply the safety norms.	0.00	
15	Construction of Security Huts near Boom Barriers at Barrage	5.00		5.00		26(1)(d)	Security huts are required for the security personnel deployed at the locations of boom barriers to operate it with remote key in order to comply the safety and security norms.	0.00	
16	Supply and Installation of Boom Barriers (02 Nos) at Barrage and (02 Nos) at Power House and Colony	12.00		12.00		26(1)(d)	During summer, locals and tourists try to visit barrage area without prior permission of pwer station authority. They also try to approach the reservoir area and piers of barrage which is very dangerous. therefore, boom barriers are proposed to install at some locations in chutak PS area to restrict unauthorized vehicles.	0.00	

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S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)			IDC included in col. 3	Regulations under which claimed	Justification	Admitted cost by the Commission, if any	Remarks
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis					
	SUB-TOTAL(2019-20) (A)	707.09	0.00	707.09					
	Add cap Claimed at normal ROE (2019-20)			138.43					
	Add Cap claimed at Wt. average rate of interest (2019-20)			568.66					
	<b>Financial Year 2020-21</b>								
1	Other Assets	42.00		42.00		Regulation 25(1)	The said work was within Original Scope and allowed by CERC at sl. no. 13 FY2014-15 of Tariff order 2014-19. Some of the illuminations works could not done due to adverse climatic condition and limited working season at Kargil, now the same is proposed. Details of the works are mentioned in Appendix-I.	183.00	S. No. 16 to 18 of Appendix-I of FORM-9A
2	Water supply system/drainage and sewerage	24.00		24.00		Regulation 25(1)	The said work was within Original Scope and allowed by CERC at sl. no. 6 FY2015-16 of Tariff order 2014-19. The Work awarded during the period 2014-19 but could not be completed due to adverse climatic conditions and limited working season. Details of the works are mentioned in Appendix-I.	50.00	S. No. 3 of Appendix-I of FORM-9A
3	Main generating equipment, Generator step up transformer, Other power plant transformer, Cooling water systems, EHV switchgear system, DC Systems/Battery systems, Power & control cables, Air conditioning & ventilation, Control, metering & protection	71.64		71.64		Regulation 25(1)	The said work was within Original Scope and allowed by CERC at sl. no. 4 FY2015-16 of Tariff order 2014-19. The work was awarded during 2014-19 but the payment could not be released. Details of the works are mentioned in Appendix-I.	1196.45	S. No. 8 & 9 of Appendix-I of FORM-9A
4	Main generating equipment, Generator step up transformer, Other power plant transformer, Cooling water systems, EHV switchgear system, DC Systems/Battery systems, Power & control cables, Air conditioning & ventilation, Control, metering & protection	186.38		186.38		Regulation 25(1)	The said work was within Original Scope and allowed by CERC at sl. no. 5 FY2014-15 of Tariff order 2014-19. Some pending works are required to be taken up which could not be completed during 2014-19 due to adverse climatic conditions at Kargil. Details of the works are mentioned in Appendix-I.	881.10	S. No. 18, 27 to 28 and 30 to 32 of Appendix-I of FORM-9A
5	Environment and Ecology	8.00		8.00		Regulation 25(1)	The said work was within Original Scope and allowed by CERC at sl. no. 15 FY2014-15 of Tariff order 2014-19. Some pending works are required to be taken up which could not be completed during 2014-19 due to adverse climatic conditions at Kargil. Details of the works are mentioned in Appendix-I.	248.35	S. No. 34 of Appendix-I of FORM-9A
6	Purchase of Computer System, Servers and peripherals.	15.00		15.00		25(2)(a)	35 nos of computers have completed their useful of three year and require replacement with Gross value of Rs,14,90,322/- and WDV of 111890/- as on 31.03.2019	0.00	

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S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)			IDC included in col. 3	Regulations under which claimed	Justification	Admitted cost by the Commission, if any	Remarks
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis					
7	Purchase of Multifunction Xerox machines	15.00		15.00		25(2)(a)	04 nos of Printer cum photocopier have completed their useful of three year and require replacement with Gross value of Rs,774724/- and WDV of 38736/-as on 31.03.2019	0.00	
8	Supply & Installation of crash barrier along the approach road of barrage & PH.	30.00		30.00		26(1)(d)	Considering the safety of vehicles running on approach roads in winter season when road condition becomes dangerous, it is proposed to install W-beam metal crash barriers at critical location to prevent any vehicle from slipping or skidding into river.	0.00	
9	Payment to M/s BHEL for Remote Operation of Chutak Power Station	400.00		400.00		26(1)(d)	44 Lakh Budget for the work was already approved in RBE 2018-19 and balance 396 Lakh BE 2019-20.As per the proposal the powerhouse of Chutak PS is to be operated remotely from the control room of Nimmo Bazgo Power Station. <b>Justification of Work:</b> The colony of Chutak Power Station is situated in Village Minji around 2 Km away from the Powerhouse. During winter season due to heavy snow fall the connecting road between Powerhouse & Minji colony gets blocked. As a result, problems are being faced to depute shift operation personnel at Chutak Powerhouse. So, to reduce O&M personal and hence to reduce O&M expenses of Chutak Power station it is planned to operate Chutak Powerhouse remotely from Nimmo-Bazgo Power Station/RCC. )	0.00	
10	Payment to M/s BSNL & Airtel for connectivity for remote operation of Chutak Power Station	28.00		28.00		26(1)(d)	For remote operation of Chutak Powerhouse reliable and redundant MPLS connectivity is required between CPS and NBPS	0.00	
11	Purchase of advance flood warning system.	15.00		15.00		26(1)(d)	Advance flood warning is a system by which flood induced hazards can be minimized and prevented.This is a critical tool for the saving the lives and livelihoods. In the u/s area of Barrage this system is required to be installed. By installing the advance flood warning system the we can get the information of upcoming flood well in advance. This is also required for safety of downstream areas.	0.00	
12	Purchase of Sirens.	5.00		5.00		26(1)(d)	Before releasing the water from Barrage the sirens are required to be installed at different locations for the safety purpose.	0.00	
13	Providing & fixing Aluminium glazing work for covering varandah in Security Barrack at Central Store of Chutak Power Station.	15.00		15.00		26(1)(d)	This area falls under extreme cold weather condition. In winter season temperature falls down up to -30 degree Celsius. Extreme cold weather condition stars from October to April. The security barrack is situated in open space all around and to stop blowing wind enters into room directly. It is very necessary to provide aluminium panelling in the verandah of security barrack, so that it will create a barrier for entering the very cold air into the room, also it will not allow to enter snow and rainy water inside the verandah.	0.00	

S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Admitted cost by the Commission, if any	Remarks
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3				
14	Purchase of submersible pump of various capacities:- 1. one no. 35 kw to 38 kw 2. one no. 24 kw for APSB sump 3. two nos. 5HP for various applications at Power House(Cable gallery etc.) 4. Four no. 1.5 HP to 2 HP for dewatering of turbine pit, cable gallery etc. at power house	10.00		10.00		25(2)(a)	Chutak Power Station is in O&M stage and continuously feeding power to PDD Kargil, as per demand. In order to maintain uninterrupted operation of Generating unit, the healthiness of Generating units are most important. <b>Necessity of Incurring Expenditure:</b> These items have been planned considering the expected wear and tear/end of useful life of installed item. It is mandatory to purchase 1 no. 35 KW to 38 KW, 1 no. 24 KW for APSB sump, 02 nos 5 HP for various applications at PH (Cable gallery etc.), 4 no. 1.5 HP to 2 HP for dewatering of turbine pits, cable gallery etc. at PH. Purchase of these pumps are very much essential to avoid any untoward incident at power house. As the existing pumps are repaired 2-3 times and expenditure on their repair exceeded 70% of acquisition cost of pumps and now these pumps are beyond economical repair, not reliable and require replacement.	0.00	
<b>SUB-TOTAL(2020-21) (B)</b>		<b>865.02</b>		<b>865.02</b>					
<b>Add Cap Claimed at normal ROE (2020-21)</b>				<b>372.02</b>					
<b>Add Cap Claimed at Wt. average rate of interest (2020-21)</b>				<b>493.00</b>					
<b>Financial Year 2021-22</b>									
1	Main generating equipment, Generator step up transformer, Other power plant transformer, Cooling water systems, EHV switchgear system, DC Systems/Battery systems, Power & control cables, Air conditioning & ventilation, Control, metering & protection	15.00		15.00		Regulation 25(1)	The said work was within Original Scope and allowed by CERC at sl. no. 5 FY2014-15 of Tariff order 2014-19. <i>Some pending works are required to be taken up which could not be completed during 2014-19 due to adverse climatic conditions at Kargil.</i> Details of the works are mentioned in Appendix-I.	881.10	S. No. 33 of Appendix-I of FORM-9A
2	Main generating equipment, Generator step up transformer, Other power plant transformer, Cooling water systems, EHV switchgear system, DC Systems/Battery systems, Power & control cables, Air conditioning & ventilation, Control, metering & protection	68.17		68.17		Regulation 25(1)	The said work was within Original Scope and allowed by CERC at sl. no. 4 FY2015-16 of Tariff order 2014-19. <i>The work was awarded during 2014-19 but the payment could not be released.</i> Details of the works are mentioned in Appendix-I.	1196.45	S. No. 9 of Appendix-I of FORM-9A
3	Electrical installations	94.57		94.57		Regulation 25(1)	The said work was within Original Scope and allowed by CERC at sl. no. 7 FY2014-15 of tariff order 2014-19. <i>The Work awarded during the period 2014-19 but could not be completed due to adverse climatic conditions and limited working season.</i> Details of the works are mentioned in Appendix-I.	93.19	S. No. 13 of Appendix-I of FORM-9A

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S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)			IDC included in col. 3	Regulations under which claimed	Justification	Admitted cost by the Commission, if any	Remarks
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis					
4	Main generating equipment, Generator step up transformer, Other power plant transformer, Cooling water systems, EHV switchgear system, DC Systems/Battery systems, Power & control cables, Air conditioning & ventilation, Control, metering & protection	20.00		20.00		Regulation 25(1)	The said work was within Original Scope and allowed by CERCat sl. no. 5 FY2014-15 of Tariff order 2014-19. Some pending works are required to be taken up which could not be completed during 2014-19 due to adverse climatic conditions at Kargil.. Details of the works are mentioned in Appendix-I.	881.10	S. No. 29 of Appendix-I of FORM-9A
5	Environment and Ecology	20.00		20.00		Regulation 25(1)	The said work was within Original Scope and allowed by CERCat sl. no. 11 FY2015-16 of Tariff order 2014-19. Some pending works are required to be taken up which could not be completed during 2014-19 due to adverse climatic conditions at Kargil.. Details of the works are mentioned in Appendix-I.	208.09	S. No. 35 of Appendix-I of FORM-9A
6	Other Assets	45.00		45.00		Regulation 25(1)	The said work was within Original Scope and allowed by CERCat sl. no. 09 FY2015-16 of Tariff order 2014-19. Some pending works are required to be taken up which could not be completed during 2014-19 due to adverse climatic conditions at Kargil.. Details of the works are mentioned in Appendix-I.	83.00	S. No. 38 of Appendix-I of FORM-9A
7	Purchase of submersible pump of various capacities:- 1. one no. 35 kw to 38 kw 2. one no. 24 kw for APSB sump 3. two nos. 5HP for various applications at Power House(Cable gallery etc.) 4. Four no. 1.5 HP to 2 HP for dewatering of turbine pit, cable gallery etc. at power house	20.00		20.00		25(2)(a)	These items have been planned considering the expected wear and tear/end of useful life of installed item. It is mandatory to purchase 1 no. 35 KW to 38 KW, 1 no. 24 KW for APSB sump, 02 nos 5 HP for various applications at PH (Cable gallery etc.), 4 no. 1.5 HP to 2 HP for dewatering of turbine pits, cable gallery etc. at PH. Purchase of these pumps are very much essential for safety and to avoid any untoward incident at power house. The existing pumps are beyond economical repair, not reliable and require replacement.	0.00	
SUB-TOTAL(2021-22) (C)		282.74		282.74					
Add cap Claimed at normal ROE (2021-22)				282.74					
Add cap Claimed at Wt. average rate of interest (2021-22)									
<b>Financial Year 2022-23</b>									
1	Environment and Ecology	40.00		40.00		Regulation 25(1)	The said work was within Original Scope and allowed by CERCat sl. no. 11 FY2015-16 of Tariff order 2014-19. Some pending works are required to be taken up which could not be completed during 2014-19 due to adverse climatic conditions at Kargil.. Details of the	208.09	S. No. 36 of Appendix-I of FORM-9A
2	Construction Equipments	15.00		15.00		Regulation 25(1)	The said work was within Original Scope and allowed by CERCat sl. no. 06 FY2014-15 of Tariff order 2014-19. Some pending works are required to be taken up which could not be completed during 2014-19 due to adverse climatic conditions at Kargil.. Details of the	145.00	S. No. 39 of Appendix-I of FORM-9A

S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)			IDC included in col. 3	Regulations under which claimed	Justification	Admitted cost by the Commission, if any	Remarks
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis					
3	Permanent construction work of Security barrack at Power House MAT	10.00		10.00		26(1)(d)	This area falls under extreme cold weather condition. In winter season temperature falls down up to -30 degree Celsius. Extreme cold weather condition stars from October to April. The security barrack at power house/Mat is required to maintain the temperature of room for living condition for the safety of Security personnel.	0.00	
4	Construction of Cable Trench for electrifying all permanent buildings in Central Store of Chutak Power Station	10.00		10.00		26(1)(d)	This area falls under extreme cold weather condition. In winter season temperature falls down up to -30 degree Celsius. Extreme cold weather condition stars from October to April. The security barrack is situated in open space all around and to stop blowing wind enters into room directly. It is very necessary to provide cable trench for electrifying all permanent building in central store for safety purpose.	0.00	
5	Drainage and Dewatering pumps 48.5 KW ( 3Nos)	60.00		60.00		25(2)(a)	Chutak Power Station is in O&M stage and continuously feeding power to PDD Kargil, as per demand. In order to maintain uninterrupted operation of Generating unit, the healthyness of Generating units are most important. <b>Necessity of Incurring Expenditure:</b> These items have been planned considering the expected wear and tear/end of useful life of installed item. Purhcase of these pumps are very much essential to avoid any untoward incident at power house. As the existing pumps are repaired 2-3 times and expenditure on their repair exceeded 70% of aquisition cost of pumps and now these pumps are beyond economical repair, not reliable and require replacement.	0.00	
6	Concrete cladding at MAT/PH	40.00		40.00		26(1)(d)	The work Concrete Cladding in the MAT was undertaken in order to stop the seepage in MAT due to force majure conditions. Mountains at the kargil are very fragile in nature and reamined covered with snow for 7-8 months which results into percolation of water into MAT. Therefore said work was proposed to stop the seepage.	0.00	
7	Supply and application of Anti Skid Epoxy flooring at Different floor of Power House at Chutak Power Station.	30.00		30.00		26(1)(d)	The flooring of power house are badly damaged .The officer on visit have indicated number of times to remoulded the floor of power house.Thus application of Anti Skid Epoxy flooring at Different floor of Power House at Chutak Power Station is very necessary.	0.00	
8	Enviornment and Ecology	20.00		20.00		Regulation 25(1)	The said work was within Original Scope and allowed by CERCat Sl. No. 11 FY2015-16 of Tariff order 2014-19. Some pending works are required to be taken up which coulnot be completed during 2014-19 due to adeseve climatic conditions at Kargil.. Details of the works are mentioned in Appendix-I.	208.09	S. No. 37 of Appendix-I of FORM-9A

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S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)			IDC included in col. 3	Regulations under which claimed	Justification	Admitted cost by the Commission, if any	Remarks
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis					
	SUB-TOTAL(2022-23) (D)	225.00		225.00					
	Add Cap Claimed at normal ROE (2022-23)			135.00					
	Add Cap Claimed at Wt. average rate of interest (2022-23)			90.00					
	<b>Financial Year 2023-24</b>								
1	Environment and Ecology	30.00		30.00		Regulation 25(1)	The said work was within Original Scope and allowed by CERCat Sl. No. 11 FY2015-16 of Tariff order 2014-19. Some pending works are required to be taken up which could not be completed during 2014-19 due to adverse climatic conditions at Kargil. Details of the works are mentioned in Appendix-I.	208.09	S. No. 37 of Appendix-I of FORM-9A
2	Providing and fixing Wooden Panelling in Security Barrack & Field Hostel in Central Store of Chutak Power Station.	30.00		30.00		26(1)(d)	This area falls under extreme cold weather condition. In winter season temperature falls down up to -30 degree Celsius. Extreme cold weather condition starts from October to April. The security barrack is situated in open space all around and wooden panelling is very necessary to maintain the temperature of room for living condition for safety purpose.	0.00	
3	Construction of RCC Morcha at main gate, Powerhouse, Surge Shaft, Switchyard, Adit-III, Adit-II and Barrage of Chutak Power Station	50.00		50.00		26(1)(d)	As this area is militancy affected, so for safety reasons construction of various morcha is very essential in view of security aspect.	0.00	
4	Construction of wire crate wall for toe protection at river side of children park.	25.00		25.00		26(1)(d)	The flow of Shuru River is gradually cutting right bank near the TRT outlet resulting into damage to Children park and road to the Chutak Village. The said road is the only approach to Surge shaft also. Therefore wire crate wall is essentially required to protect the road and Children park.	0.00	
5	Installation of Highmast.	10.00		10.00		26(1)(d)	Presently conventional type of streetlight system has been installed at Chutak Power Station. Chutak Power Station is situated near Boarder area i.e. LOC Kargil, security department of Power Station i.e. JK Police has pointed out to provide adequate illumination in power station. Therefore it is proposed to install LED Highmast for proper illumination of complex.	0.00	
	SUB-TOTAL(2023-24) (D)	145.00		145.00					

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S. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)			IDC included in col. 3	Regulations under which claimed	Justification	Admitted cost by the Commission, if any	Remarks
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis					
	Add Cap Claimed at normal ROE (2023-24)			30.00					
	Add Cap Claimed at Wt. average rate of interest (2023-24)			115.00					
	<b>GRAND -TOTAL(2019-24)</b>	<b>2,224.85</b>		<b>2,224.85</b>					

1. In case the project has been completed and cost has already been admitted under any tariff notification(s) in the past, fill column 10 giving the cost as admitted for the purpose of tariff notification already issued by (Name of the authority) (Enclose copy of the tariff Order).
2. The above information needs to be furnished separately for each year / period of tariff period 2014-19.
3. In case of de-capitalisation of assets separate details to be furnished at column 1, 2, 3 and 4. Further, the original book value and year of capitalisation of such asset to be furnished at column 8. Where de-caps are on estimated basis the same to be shown separately.
4. Where any asset is rendered unserviceable the same shall be treated as de-capitalised during that year and original value of such asset to be shown at col. 3. And impaired value if any, year of its capitalisation to be mentioned at column 8.
5. Justification against each asset of capitalization should be specific to regulations under which claim has been made and the necessity of capitalization of that particular asset.

Note:

1. Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries.
2. In case initial spares are purchased along with any equipment, then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M.G. Gokhale)  
General Manager (Comml.)

CHUTAK POWER STATION										Appendix-I of FORM-9A		
Details of Additional Capitalization for the period 2019-24 in respect of Chutak Power Station												
Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks	
1	2	3		4	5	6	7	8	9	10		
<b>A. ALLOWED BY COMMISSION IN 2014-19</b>												
1	Const. Of Water tank for Field Hostel (near store)	The said work was within Original Scope and allowed by CERC at sl. no. 6 FY2015-16 of Tariff order 2014-19. Total Awarded Value of the Contract is Rs.16.86 Lakhs and final work done value is Rs. 20.48 Lakhs. Deviation is due to site requirements and impact of GST. Total Payment made till date is Rs. 13.97 Lakhs and balance work Rs. 6.52 Lakhs (Rs. 1.42 Lakhs + Rs. 5.10 Lakhs) is to be booked/ released.	25(1)	410321	6.52					6.52	Amount of Rs 50.00 lakhs allowed by CERC in FY 2015-16 at sl. No. 6 under the head "Water supply system/drainage and sewerage" in tariff order 2014-19 ( dated 29.3.2017) . Against this, an expenditure of Rs 5.47 lakhs has been incurred in tariff period 2014-19. Against balance amount of Rs 44.53 lakhs(50-5.47), claim of Rs 31.75 lakhs has been proposed for additional capitalization in tariff period 2019-24. These items are within original scope and under revised cost estimate.	
2	Const. Of overhead tank and laying of main water supply line for office & field hostels etc.	The said work was within Original Scope and allowed by CERC at sl. no. 6 FY2015-16 of Tariff order 2014-19. Overhead tank is required for maintaining the smooth and efficient water supply in the Office cum Residential Complex. Some pending works are required to be taken up which couldnot be completed during 2014-19 due to adverse climatic conditions at Kargil.	25(1)	411201	1.23					1.23		
3	Supply and Installation of Sewerage Treatment Plant(STP) for Power House and Residential/Office Complex of Chutak Power Station,Minji,Kargil	The said work was within Original Scope and allowed by CERC at sl. no. 6 FY2015-16 of Tariff order 2014-19. Sewerage Treatment Plant is essentially required in order to have clean and hygenic environment in the Project Area. The Work awarded during the period 2014-19 and allowed by CERC at sl. no. 6 FY2015-16, but could not be completed due to adverse climatic conditions and limited working season at Kargil.	25(1)	411201		24.00				24.00		
<b>Sub Total</b>						7.75	24.00	0.00	0.00	0.00	31.75	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
4	Const. Of Training Hall.	The said work was within Original Scope and allowed by CERC at Sl. 3 of FY 2014-15 of tariff order 2014-19 , however due to adverse condition and limited working season work could not be completed. The work is to be capitalised during FY 2019-20.	25(1)	410328	18.50					18.50	Amount of Rs 523.77 lakhs allowed by CERC in FY 2014-15 at sl. No. 3 under the head "Building-Others" in tariff order 2014-19. Against this, an amount of Rs 510.69 lakhs has been incurred in tariff period 2014-19. Against balance amount of Rs 13.08 lakhs (523.77-510.69), claim of Rs 18.50 lakhs has been proposed for additional capitalization in tariff period 2019-24. These items are within original scope and under revised cost estimate.
<b>Sub Total</b>					<b>18.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>18.50</b>	
5	Augmentation/construction of additional 5MVA, 66/11Kv Transformer bay at 66Kv Switchyard.	The said work was within Original Scope and allowed by CERC at sl. no. 4 FY2015-16 of Tariff order 2014-19. The work was awarded in pre-GST era, part of work was done in pre-GST era and balance work was completed in POST - GST era. The deviation of Rs 1.22 Lakh is due to implementation of GST and deviation due to site requirement. The work was awarded during 2014-19 but the payment couldnot be released.	25(1)	410703	1.22					1.22	
6	Construction of cable trench and foundation for Standby 5MVA Transformer at Switch Yard (122/784-W-174-M/s. Chamran Const.)	The said work was within Original Scope and allowed by CERC at sl. no. 4 FY2015-16 of Tariff order 2014-19. Total Awarded Value of the Contract is Rs.12.79 Lakhs and final work done value is Rs. 12.75 Lakhs. Deviation is due to site requirements and impact of GST. The total payment made upto date Rs.12.65 Lakhs (Partially paid) and balance payment of Rs. 1.96 Lakhs (Rs. 1.58 Lakhs + 0.38 Lakhs) is to be released. The work was awarded during 2014-19 but the payment couldnot be released.	25(1)	410703	1.96					1.96	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
7	Purchase of deluge valves for fire fighting system of Power House and Switchyard	The said work was within Original Scope and allowed by CERC at sl. no. 4 FY2015-16 of Tariff order 2014-19 of Tariff order 2014-19. These valves are used in the Switchyard and fire fighting system. As the climatic condition are very cold at Kargil and therefore these valves become frozen during winter and cracks have been developed in these valves and they become dysfunctional. For smooth running of PH during winter these are essentially required.	25(1)	410714	15.36					15.36	
8	Purchase of coupling bolt and nuts for modified shaft (Turbine-Runner) coupling arrangement.	The said work was within Original Scope and allowed by CERC at sl. no. 4 FY2015-16 of Tariff order 2014-19. But work could not be executed due to adverse climatic condition and limited period of working at Kargil. These items have been planned considering the expected wear and tear/end of useful life of installed item. It is mandatory to purchase spare parts of different system of Generating units to maintain minimum inventory level and to meet out the emergency demand due to failure of these items.	25(1)	410714		46.64				46.64	Amount of Rs 1196.45 lakhs allowed by CERC in FY 2015-16 at sl. No. 4 under the head "Main generating equipment, Generator step up transformer, Other power plant transformer, Cooling water systems, EHV switchgear system, DC Systems/Battery systems, Power & control cables, Air conditioning & ventilation, Control, metering & protection " in tariff order 2014-19. Against this, an amount of Rs934.03 lakhs has been incurred in tariff period 2014-19. Against balance amount of Rs 262.42 lakhs (1196.45-934.03), claim of Rs 199.45 lakhs has been proposed for additional capitalization in tariff period 2019-24. These items are within original scope and under revised cost estimate.
9	Turbine & MIV spares- liner plate (upper & Lower), set Moving labyrinth (upper & lower), set fixed labyrinth (Top & Bottom), rubber seal, etc.	The said work was within Original Scope and allowed by CERC at sl. no. 4 FY2015-16 of Tariff order 2014-19. But work could not be executed due to adverse climatic condition and limited period of working at Kargil. These items have been planned considering the expected wear and tear/end of useful life of installed item. It is mandatory to purchase spare parts of different system of Generating units to maintain minimum inventory level and to meet out the emergency demand due to failure of these items.	25(1)	410714		25.00	68.17			93.17	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
10	Purchase of 1 no. UAT	The said work was within Original Scope and allowed by CERC at sl. no. 4 FY2015-16 of Tariff order 2014-19 .But could not be executed due to adverse climatic condition and limited period of working at Kargil. The item is to be kept as spare and to be used incase of failure of any of the UAT installed (4 nos) in the generating units of Powerhouse.	25(1)	410703	33.10					33.10	
11	Purchase of bus CT & PT	The said work was within Original Scope and allowed by CERC at sl. no. 4 FY2015-16 of Tariff order 2014-19. But purchase could not be executed due to adverse climatic condition and limited period of working at Kargil.	25(1)	410703	3.00					3.00	
12	Purchase of GPS Racks & Antena	The said work was within Original Scope and allowed by CERC at sl. no. 4 FY2015-16 of Tariff order 2014-19. But work could not be executed due to adverse climatic condition and limited period of working at Kargil.	25(1)	412503	5.00					5.00	
<b>Sub Total</b>					<b>59.64</b>	<b>71.64</b>	<b>68.17</b>	<b>0.00</b>	<b>0.00</b>	<b>199.45</b>	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
13	Provision of 11KV HT line from Power House to Barrage for auxillary power supply(JKPDD deposit work)	The work was allowed by the commission at sl. no. 7 FY2014-15 of tariff order 2014-19. The work was to be executed by JKPDD.The total value of work was 93.55 Lakh. Rs.82.27 Lacs has been lying under CWIP as on 31.03.2019.Balance work of Rs12.3 Lakh could not be executed as few punch points needs to be attended by JKPDD.The Work awarded during the period 2014-19 but could not be completed due to adverse climatic conditions and limited working season.	25(1)	410904			94.57			94.57	Amount of Rs 93.19 lakhs allowed by CERC in FY 2014-15 at sl. No. 7 under the head "Electrical installations" in tariff order 2014-19. Against this, an amount of Rs 4.53 lakhs has been incurred in tariff period 2014-19. Against balance amount of Rs 88.66 lakhs(93.19-4.53), claim of Rs 94.57 lakhs has been proposed for additional capitalization in tariff period 2019-24. These items are within original scope and under revised cost estimate.
<b>Sub Total</b>					0.00	0.00	94.57	0.00	0.00	94.57	
14	Illumination works at office Building and adjacent area & Store Complex	The said work was within Original Scope and allowed by CERC at sl. no. 13 FY2014-15 of Tariff order 2014-19 The area of Administrative Building cum Residential Complex is required to be illuminated keeping in view of the security and safety of the Employees as well as Contractual Staff. Some of the illuminations works could not done due to adverse climatic condition and limited working season at Kargil, now the same is proposed.	25(1)	410905	5.00					5.00	
15	Purchase of illumination Items (for Barrage)	CERC at sl. no. 13 FY2014-15 of Tariff order 2014-19 The area of Barrage Complex is required to be illuminated keeping in view of the security and safety of the Employees as well as Contractual Staff. Some pending works are required to be taken up which couldnot be completed during 2014-19 due to adaverse climatic conditions at Kargil.	25(1)	410905	6.10					6.10	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
16	Installation of CCTV System in Central Store Complex	The said work was within Original Scope and allowed by CERC at sl. no. 13 FY2014-15 of Tariff order 2014-19 Existing System: Presently CCTV system installed at PH,Switchyard,Barrage and Office Complex are of AXIS make which was installed during 2015.These systems need to be integrated for effective & centralized security management. There is no provision of CCTV system installed in central store complex. Necessity of Incurring Expenditure: It is proposed to install New CCTV system in central store complex for security reasons, and integrate all existing CCTV system and new system of Store for unified & effective security management.  Impact on Efficiency/Performance: Better security management of capital assets.	25(1)	411804		20.00				20.00	
17	Purchase of 2 nos. Air Conditioner for training hall	The said work was within Original Scope and allowed by CERC at sl. no. 13 FY2014-15 of Tariff order 2014-19. But work could not be executed due to adverse climatic condition and limited period of working at Kargil.	25(1)	412008		2.00				2.00	Amount of Rs 183.00 lakhs allowed by CERC in FY 2014-15 at sl. No. 13 under the head "Other Assets" in tariff order 2014-19. Against this, an amount of Rs 50.88 lakhs has been incurred in tariff period 2014-19. Against balance amount of Rs 132.12 lakhs(183-50.88), claim of Rs 61.10 lakhs has been proposed for <u>additional capitalization in tariff</u>
18	Supply, Installation, Testing and Commissioning of 10KLD Sewerage Treatment Plant(STP) at Central Store of Chutak Power Station	The said work was within Original Scope and allowed by CERC at sl. no. 13 FY2014-15 of Tariff order 2014-19But work could not be executed due to adverse climatic condition and limited period of working at Kargil. The STP at central store of CPS is urgently required because Employess of Central store and officer reciding in security barrack are required hygenic environment.	25(1)	410328		20.00				20.00	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
19	Purchase of TATA Sky Set Top Box for Security Barrack & Field Hostel at Central Store	The said work was within Original Scope and allowed by CERC at sl. no. 13 FY2014-15 of Tariff order 2014-19But work could not be executed due to adverse climatic condition and limited period of working at Kargil. Existing Arrangement: New Field hostel and security barrack has been constructed at Central Store area where the well furnished room has been allotted to the employee posted at this power station. Necessity for Incurring Expenditure: As per office order no. PPL-779 dated 16.08.16, extension of free furnished bachelor accomodation with common mess facilities are to be provided in power station. Hence the provision of Tata Sky set top box has been kept for the said location.	25(1)	412801	3.00					3.00	additional capitalization in tariff period 2019-24. These items are within original scope and under revised cost estimate.
20	purchase of auto clave and other medical equipment	The said work was within Original Scope and allowed by CERC at sl. no. 13 FY2014-15 of Tariff order 2014-19But work could not be executed due to adverse climatic condition and limited period of working at Kargil. Essentially required in the Project Hospital for providing the health requirements to the employees as well as contractual staff as the power station is situated in very remote location.	25(1)	412005	2.00					2.00	
21	Purchase of Portable Oxygen Concentrator and other items	The said work was within Original Scope and allowed by CERC at sl. no. 13 FY2014-15 of Tariff order 2014-19But work could not be executed due to adverse climatic condition and limited period of working at Kargil. Essentially required in the Project Hospital for providing the health requirements to the employees as well as contractual staff as the power station is situated in very remote location.	25(1)	412005	2.00					2.00	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
22	Purchase of Urine Analyser and other items	The said work was within Original Scope and allowed by CERC at sl. no. 13 FY2014-15 of Tariff order 2014-19 But work could not be executed due to adverse climatic condition and limited period of working at Kargil. Essentially required in the Project Hospital for providing the health requirements to the employees as well as contractual staff as the power station is situated in very remote location.	25(1)	412005	1.00					1.00	
<b>Sub Total</b>					<b>19.10</b>	<b>42.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>61.10</b>	
23	OFC Link between Power House and Barrage.	The said work was within Original Scope and allowed by CERC at sl. no. 5 FY2014-15 of Tariff order 2014-19 For providing reliable internet Connectivity at Barrage Complex. The Work awarded during the period 2014-19 but could not be completed due to adverse climatic conditions and limited working season at Kargil.	25(1)	410904		18.00				18.00	
24	Purchase of 1 no. NGT along with resistor box	The said work was within Original Scope and allowed by CERC at sl. no. 5 FY2014-15 of Tariff order 2014-19 But work could not be executed due to adverse climatic condition and limited period of working at Kargil. It is used for Grouding of neutral points of generating unit of CPS.	25(1)	410703	0.80					0.80	
25	Purchase of 1 nos. Work Station for SCADA	The said work was within Original Scope and allowed by CERC at sl. no. 5 FY2014-15 of Tariff order 2014-19 But work could not be executed due to adverse climatic condition and limited period of working at Kargil. It is used for operating and monitoring of different parameters of the generating units and auxiliary consumption.	25(1)	410714	3.90					3.90	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
26	Purchase of Air Release valve of spiral case	The said work was within Original Scope and allowed by CERC at sl. no. 5 FY2014-15 of Tariff order 2014-19 The awarded value of Air Release Valve is Rs. 15.60 Lakhs however an amount of Rs. 4.14 Lakhs on account of Transportation Charges and GST was not taken into account. Therefore supply could not be made due to GST and total F.I. involves is Rs.19.41lacs. The work was awarded during 2014-19 was within original scope.	25(1)	410714	19.14					19.14	
27	Turbine Shaft	The said work was within Original Scope and allowed by CERC at sl. no. 5 FY2014-15 of Tariff order 2014-19 However, due to adverse condition and limited working season. These items have been planned considering the expected wear and tear/end of useful life of installed item. It is mandatory to purchase spare parts of different system of Generating units to maintain minimum inventory level and to meet out the emergency demand due to failure of these items.	25(1)	410714		73.00				73.00	
28	LOWER LYBRINTH, For Pivot Ring, Chutak PS, BHEL DRG. NO-32030117314/02030117301(R EV-2), ITEM NO-5	The said work was within Original Scope and allowed by CERC at sl. no. 5 FY2014-15 of Tariff order 2014-19 But work could not be executed due to adverse climatic condition and limited period of working at Kargil. These items have been planned considering the expected wear and tear/end of useful life of installed item. It is mandatory to purchase spare parts of different system of Generating units to maintain minimum inventory level and to meet out the emergency demand due to failure of these items.	25(1)	410714		26.40				26.40	Amount of Rs 881.10 lakhs allowed by CERC in FY 2014-15 at sl. No. 5 under the head "Main generating equipment, Generator step up transformer, Other power plant transformer, Cooling water systems, EHV switchgear system, DC Systems/Battery systems, Power & control cables, Air conditioning & ventilation, Control, metering & protection " in tariff order 2014-19. Against this, an amount of Rs439.53 lakhs has been incurred in tariff period 2014-

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
29	VERTICAL TRIPLE +VE SCREW PUMP WITH STRAINER(PP Set)	The said work was within Original Scope and allowed by CERC at sl. no. 5 FY2014-15 of Tariff order 2014-19But work could not be executed due to adverse climatic condition and limited period of working at Kargil. These items have been planned considering the expected wear and tear/end of useful life of installed item. It is mandatory to purchase spare parts of different system of Generating units to maintain minimum inventory level and to meet out the emergency demand due to faluor of these items.	25(1)	410714			20.00			20.00	19. Against balance amount of Rs 441.57 lakhs(881.10-439.53), claim of Rs351.60 lakhs has been proposed for additional capitalization in tariff period 2019-24. These items are within original scope and under revised cost estimate.
30	BY PASS VALVE, 200 NB 16ATA,BHEL DRG 12120617301(FOR MIV)	The said work was within Original Scope and allowed by CERC at sl. no. 5 FY2014-15 of Tariff order 2014-19But work could not be executed due to adverse climatic condition and limited period of working at Kargil. Existing System: Chutak Power Station is in O&M stage and continously feeding power to PDD Kargil, as per demand.In order to maintain uninterrupted operation of Generating unit, the healthyness of Generating units are most important	25(1)	410714		25.91				25.91	
31	MAINTENANCE SEAL, BHEL DRG 12120217306/02120217301, ITEM NO-17(MIV)	Necessity of Incurring Expenditure: These items have been planned considering the expected wear and tear/end of useful life of installed item. It is mandatory to purchase spare parts of different system of Generating units to maintain minimum inventory level and to meet out the emergency demand due to faluor of these items.	25(1)	410714		13.07				13.07	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks	
32	Supply and installation of Clamp On Ultrasonic flowmeter for penstock of all four generating units	The said work was within Original Scope and allowed by CERC at sl. no. 5 FY2014-15 of Tariff order 2014-19 But work could not be executed due to adverse climatic condition and limited period of working at Kargil. Installation of Ultrasonic flowmeter was part of LOT-III E&M contract which was to be executed by M/s BHEL. The same was not supplied and now as the plant in operation BHEL has intimated that installation of the same is not possible at this stage. It is mandatory to install flowmeter in each generating unit to measure the efficiency of the machine, hence Clamp On flowmeter is proposed for installation in each Unit.	25(1)	410713		30.00				30.00		
33	Purchase of Generator and line Protection Relays(P343,P634,P123,P923, P141,P442 and other auxillary relays)	The said work was within Original Scope and allowed by CERC at sl. no. 5 FY2014-15 of Tariff order 2014-19 But work could not be executed due to adverse climatic condition and limited period of working at Kargil.	25(1)	410701			15.00			15.00		
<b>Sub Total</b>						<b>23.84</b>	<b>186.38</b>	<b>35.00</b>	<b>0.00</b>	<b>0.00</b>	<b>245.22</b>	
34	Water supply system upgradation / insulation in office complex / premises(STP at workshop).	The said work was within Original Scope and allowed by CERC at sl. no. 15 FY2014-15 of Tariff order 2014-19 of Tariff order 2014-19. But work could not be executed due to adverse climatic condition and limited period of working at Kargil. To improve the Water Supply system in the Field Hostel , laying of new water pipeline is required.	25(1)	411201		8.00				8.00	Amount of Rs 248.35 lakhs allowed by CERC in FY 2014-15 at sl. No. 15 under the head "Environment and Ecology" in tariff order 2014-19. Against this, an amount of Rs 209.99 lakhs has been incurred in tariff period 2014-19. Against balance amount of Rs 38.36 lakhs(248.35-209.99), claim of Rs 8.00 lakhs has been proposed for additional capitalization in tariff period 2019-24. These items are within original scope and under revised cost estimate.	
<b>Sub Total</b>						<b>0.00</b>	<b>8.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>8.00</b>	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
35	Providing Crate wall at right bank u/s of Barrage.	CERC at sl. no. 11 FY2015-16 of Tariff order 2014-19. But work could not be executed due to adverse climatic condition and limited period of working at Kargil. Existing System: In some portion at right bank u/s of barrage, the houses has been constructed by the villagers in their land. Some crate work has been provided during the construction of Project and in some portion new crate wall is required to avoid the scouring of land.	25(1)	410601			20.00			20.00	Amount of Rs 208.09 lakhs allowed by CERC in FY 2015-16 at sl. No. 11 under the head "Environment and Ecology" in tariff order 2014-19. Against this, an amount of Rs 48.72 lakhs has been incurred in tariff period 2014-19. Against balance amount of Rs 159.37 lakhs(208.09-48.72), claim of Rs 110.00 lakhs has been proposed for additional capitalization in tariff period 2019-24. These items are within original scope and under revised cost estimate.
36	Construction of Retaining wall from Power House Portal to Children Park of Chutak Power Station.	The said work was within Original Scope and allowed by CERC at sl. no. 11 FY 2015-16 of Tariff order 2014-19. But work could not be executed due to adverse climatic condition and limited period of working at Kargil. The power house road is in slide prone area and due to slide road becomes blocked frequently also it damages the road. so it is very necessary to construct retaining wall for protection of road so that continous movement of vehicle for whole year to power house could be maintained.	25(1)	410328				40.00		40.00	
37	Providing chain-link fencing upto 3.5 km upstream of Barrage.	The said work was within Original Scope and allowed by CERC at sl. no. 11 FY 2015-16 of Tariff order 2014-19. But work could not be executed due to adverse climatic condition and limited period of working at Kargil. To avoid any mishap the fencing along the reservoir area is required as the visitors are regularly visits in this area specially in the summer season.	25(1)	410601				20.00	30.00	50.00	
<b>Sub Total</b>							<b>20.00</b>	<b>60.00</b>	<b>30.00</b>	<b>110.00</b>	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
38	Purchase of 500KVA DG set for Central Store Complex	The said work was within Original Scope and allowed by CERC at sl. no. 9 FY2015-16 of tariff order 2014-19. But work could not be executed due to adverse climatic condition and limited period of working at Kargil. Presently external 11KV power supply from M/s JKPDD is available in central store complex, this power supply provision is not reliable and there are number of tripping occur during the day. Since NHPC Officers has already been shifted to Field Hostel and security barrack at central store, therefore it is urgent to make provision of secure and reliable power supply to central store complex in view of extreme weather conditions.	25(1)	411002			45.00			45.00	Amount of Rs 83.00 lakhs allowed by CERC in FY 2015-16 at sl. No.9 under the head "Other Assets" in tariff order 2014-19. Against this, an amount of Rs 74.79 lakhs has been incurred in tariff period 2014-19. Against balance amount of Rs 8.21 lakhs(83.00-74.79), claim of Rs 45.00 lakhs has been proposed for additional capitalization in tariff period 2019-24. These items are within original scope and under revised cost estimate
<b>Sub Total</b>					<b>0.00</b>	<b>0.00</b>	<b>45.00</b>	<b>0.00</b>	<b>0.00</b>	<b>45.00</b>	
39	Purchase of boat for reservoir/Disaster management.	The said work was within Original Scope and allowed by CERC at sl. no.6 FY 2014-15 of tariff order 2014-19. But work could not be executed due to adverse climatic condition and limited period of working at Kargil. Existing System: Presently the Boat is taken on hire. For taking the Cross sections of reservoir area the boat is required at Barrage as well as the rescue operation during any mishap.	25(1)	411603				15.00		15.00	Amount of Rs 145.00 lakhs allowed by CERC in FY 2014-15 at sl. No.6 under the head "Construction equipments" in tariff order 2014-19. Against this, an amount of Rs 24.12 lakhs has been incurred in tariff period 2014-19. Against balance amount of Rs 120.88lakhs(145.00-24.12), claim of Rs 15.00 lakhs has been proposed for additional capitalization in tariff period 2019-24. These items are within original scope and under revised cost estimate
<b>Sub Total</b>					<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>15.00</b>	<b>0.00</b>	<b>15.00</b>	
<b>SUB TOTAL (A)</b>					<b>128.83</b>	<b>332.02</b>	<b>262.74</b>	<b>75.00</b>	<b>30.00</b>	<b>828.59</b>	
<b>B. REPLACEMENT OF ASSETS DEPLOYED UNDER THE ORIGINAL SCOPE OF THE EXISTING PROJECT AFTER CUT-OFF DATE (CLAUSE 25 of CERC GUIDELINES 2019-24)</b>											

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
1	Purchase of Desktop Computer	13 nos of computers have completed their useful life of three year and require replacement with Gross value of Rs,476621/- and WDV of 27652/-as on 31.03.2019	25(2)(a)	411801	5.00					5.00	
2	Purchase of UPS	23 nos of UPS have completed their useful life of three year and require replacement with Gross value of Rs,135579/- and WDV of 11746/-as on 31.03.2019	25(2)(a)	412801	1.60					1.60	
3	Purchase of printers and other peripherals	11 nos of printer have completed their useful life of three year and require replacement with Gross value of Rs,230612/- and WDV of 17718/-as on 31.03.2019	25(2)(a)	411803	3.00					3.00	
4	Purchase of Computer System, Servers and peripherals.	35 nos of computers have completed their useful of three year and require replacement with Gross value of Rs,14,90,322/- and WDV of 111890/-as on 31.03.2019	25(2)(a)	411801		15.00				15.00	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
5	Purchase of Multifunction Xerox machines	04 nos of Printer cum photocopier have completed their useful of three year and require replacement with Gross value of Rs,774724/- and WDV of 38736/-as on 31.03.2019	25(2)(a)	411803		15.00				15.00	
<b>SUB TOTAL (B)-Gross value of addition</b>					<b>9.60</b>	<b>30.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>39.60</b>	
<b>C. ASSETS BEYOND THE ORIGINAL SCOPE OF THE EXISTING PROJECT AFTER CUT-OFF DATE (CLAUSE 26 of CERC GUIDELINES 2019-24)</b>											
1	Concrete cladding at MAT/PH	The work Concrete Cladding in the MAT was undertaken in order to stop the seepage in MAT due to force majeure conditions. Mountains at the kargil are very fragile in nature and remained covered with snow for 7-8 months which results into percolation of water into MAT. Therefore said work was proposed to stop the seepage.	26(1)(d)	410301				40.00		40.00	
2	Construction of wire crate wall for toe protection at river side of children park.	The flow of Shuru River is gradually cutting right bank near the TRT outlet resulting into damage to Children park and road to the Chutak Village. The said road is the only approach to Surge shaft also. Therefore wire crate wall is essentially required to protect the road and Children park	26(1)(d)	410328					25.00	25.00	
3	Construction of field hostel at central store complex of chutak power station.	Due to additional requirement of rooms keeping in view of the shortage of accomodation new field hostel was constructed in Store Complex to protect the official from extreme cold condition.	26(1)(d)	410321	311.00					311.00	

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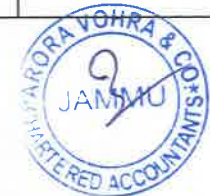
Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
4	Electrification of field hostel at central store complex of chutak power station.	Electrification is essentially required for rooms keeping in view of the shortage of accomodation new field hostel was constructed in Store Complex to protect the official from extreme cold condition.	26(1)(d)	410321	4.00					4.00	
5	Const. Of Security barrack at workshop/Central Store	42 nos. Security personnel of the JK Police were permanently hired by Chutak Power Station for the watch and ward of vital locations of power station. In this regard, an agreement was signed with JK police which interaila includes obligation on the part of NHPC to provide accommodation to their personnel. Construction barrack was done in order to honour the terms and conditions of the agreement.	26(1)(d)	410328	224.10					224.10	
6	Electrification of Newly constructed Security Barrack at central store.		26(1)(d)	410328	6.21					6.21	
7	Const. Of Fire Station	Fire station is required at Power station for the safety and to compliance safety norms	26(1)(d)	410328	4.39					4.39	
8	Providing & Fixing of chequered plates over open cable trenches in PH and const. Of gate at 0 point of barrage	Chequre plates are required to cover the open cable trench in order to comply the safety norms.	26(1)(d)	410301	1.96					1.96	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
9	Construction of Security Huts near Boom Barriers at Barrage	Security huts are required for the security personnel deployed at the locations of boom barriers to operate it with remote key in order to comply the safety and security norms.	26(1)(d)	410201	5.00					5.00	
10	Supply & Installation of crash barrier along the approach road of barrage & PH.	Considering the safety of vehicles running on approach roads in winter season when road condition becomes dangerous, it is proposed to install W-beam metal crash barriers at critical location to prevent any vehicle from slipping or skidding into river.	26(1)(d)	410201		30.00				30.00	
11	Supply and Installation of Boom Barriers (02 Nos) at Barrage and (02 Nos) at Power House and Colony	During summer, locals and tourists try to visit barrage area without prior permission of pwer station authority. They also try to approach the reservoir area and piers of barrage which is very dangerous. therefore, boom barriers are proposed to install at some locations in chutak PS area to restrict unauthorized vehicles.	26(1)(d)	410201	12.00					12.00	
12	Permanent construction work of Security barrack at Power House MAT	This area falls under extreme cold weather condition. In winter season temperature falls down up to -30 degree Celsius. Extreme cold weather condition stars from October to April. The security barrack at power house/Mat is required to maintain the temperature of room for living condition for the safety of Security personnel.	26(1)(d)	410301				10.00		10.00	
13	Construction of Cable Trench for electrifying all permanent buildings in Central Store of Chutak Power Station	This area falls under extreme cold weather condition. In winter season temperature falls down up to -30 degree Celsius. Extreme cold weather condition stars from October to April. The security barrack is situated in open space all around and to stop blowing wind enters into room directly. It is very necessary to provide cable trench for electrifying all permanent building in central store for safety purpose.	26(1)(d)	410328				10.00		10.00	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
14	Providing and fixing Wooden Panelling in Security Barrack & Field Hostel in Central Store of Chutak Power Station.	This area falls under extreme cold weather condition. In winter season temperature falls down up to -30 degree Celsius. Extreme cold weather condition starts from October to April. The security barrack is situated in open space all around and wodden panelling is very necessary to maintain the temperature of room for living condition for safety purpose.	26(1)(d)	410321					30.00	30.00	
15	Payment to M/s BHEL for Remote Operation of Chutak Power Station	44 Lakh Budget for the work was already approved in RBE 2018-19 and balance 396 Lakh BE 2019-20.As per the proposal the powerhouse of Chutak PS is to be operated remotely from the control room of Nimmo Bazgo Power Station. <b>Justification of Work:</b> The colony of Chutak Power Station is situated in Village Minji around 2 Km away from the Powerhouse. During winter season due to heavy snow fall the connecting road between Powerhouse & Minji colony gets blocked. As a result, problems are being faced to depute shift operation personnel at Chutak Powerhouse. Therefore for safety/security of operational staff and to reduce O&M personnel resulting in reduction of O&M expenses of Chutak Power station; it is planned to operate Chutak Powerhouse remotely from Nimmo-Bazgo Power Station/RCC.	26	410713		400.00				400.00	
16	Payment to M/s BSNL & Airtel for connectivity for remote operation of Chutak Power Station	For remote operation of Chutak Powerhouse reliable and redundant MPLS connectivity is required between CPS and NBPS	26(1)(d)	410713		28.00				28.00	
18	Construction of RCC Morcha at main gate, Powerhouse , Surge Shaft , Switchyard , Adit-III, Adit-II and Barrage of Chutak Power Station	As this area is militancy affected, so for safety reasons construction of various morcha is very essential in view of security aspect.	26(1)(d)	410328					50.00	50.00	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
19	Purchase of advance flood warning system.	Advance flood warning is a system by which flood induced hazards can be minimized and prevented. This is a critical tool for the saving the lives and livelihoods. In the u/s area of Barrage this system is required to be installed. By installing the advance flood warning system the we can get the information of upcoming flood well in advance. This is also required for safety of downstream areas.	26(1)(d)	412503		15.00				15.00	
20	Purchase of Sirens.	Before releasing the water from Barrage the sirens are required to be installed at different locations for the safety purpose.	26(1)(d)	412503		5.00				5.00	
21	Providing & fixing Aluminium glazing work for covering verandah in Security Barrack at Central Store of Chutak Power Station.	This area falls under extreme cold weather condition. In winter season temperature falls down up to -30 degree Celsius. Extreme cold weather condition stars from October to April. The security barrack is situated in open space all around and to stop blowing wind enters into room directly. It is very necessary to provide aluminium panelling in the verandah of security barrack, so that it will create a barrier for entering the very cold air into the room, also it will not allow to enter snow and rainy water inside the verandah.	26(1)(d)	410328		15.00				15.00	
22	Supply and application of Anti Skid Epoxy flooring at Different floor of Power House at Chutak Power Station.	The flooring of power house are badly damaged .The officer on visit have indicated number of times to remoulded the floor of power house.Thus application of Anti Skid Epoxy flooring at Different floor of Power House at Chutak Power Station is very necessary.	26(1)(d)	410301				30.00		30.00	

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Sl. No	Name of work	Requirement justification/history	CERC 2019-24 Regulation	Head of Account (HOA)	2019-20	2020-21	2021-22	2022-23	2023-24	Total Amount in Rs. (Lacs)	Remarks
23	Installation of Highmast.	Presently conventional type of streetlight system has been installed at Chutak Power Station. Chutak Power Station is situated near Boarder area i.e. LOC Kargil, security department of Power Station i.e. JK Police has pointed out to provide adequate illumination in power station. Therefore it is proposed to install LED Highmast for proper illumination of complex.	26(1)(d)	410905					10.00	10.00	
24	Purchase of submersible pump of various capacities:- 1. one no. 35 kw to 38 kw 2. one no. 24 kw for APSB sump 3. two nos. 5HP for various applications at Power House(Cable gallery etc.) 4. Four no. 1.5 HP to 2 HP for dewatering of turbine pit, cable gallery etc. at power house	These items have been planned considering the expected wear and tear/end of useful life of installed item. It is mandatory to purchase 1 no. 35 KW to 38 KW, 1 no. 24 KW for APSB sump, 02 nos 5 HP for various applications at PH (Cable gallery etc.), 4 no. 1.5 HP to 2 HP for dewatering of turbine pits, cable gallery etc. at PH. Purchase of these pumps are very much essential for safety and to avoid any untoward incident at power house.	25(2)(a)	411112		10.00	20.00			30.00	
25	Drainage and Dewatering pumps 48.5 KW ( 3Nos)	These items have been planned considering the expected wear and tear/end of useful life of installed item. Purchase of these pumps are very much essential for safety and to avoid any untoward incident at power house.	25(2)(a)	411112				60.00		60.00	
<b>SUB TOTAL (C)-Gross value of addition</b>					568.66	503.00	20.00	150.00	115.00	1356.66	
<b>Total Addition (A+B+C) for 2019-24</b>					707.09	865.02	282.74	225.00	145.00	2224.85	

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

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## Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : Chutak Power Station  
 Region/State/Distt. -

(Amount in Rs.)

Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	
<b>2019-20</b>							
<b>A</b>	<b>De-Capitalization of Assets claimed against additional capitalisation</b>						
1	HP LAPTOP MODEL NO.-P9600/T9550	411801	As additional capital expenditure	20510	23-07-2010	17026	Ref Sl No. 6 of Form 9A, FY2019-20
2	MOTOROLA XOOM TABLET-MZ601-WIFI+3G	411801	As additional capital expenditure	26358	01-02-2012	24604	
3	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	41805	22-08-2012	39529	
4	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	41805	22-08-2012	39529	
5	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	41805	22-08-2012	39529	
6	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	41805	22-08-2012	39529	
7	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	41805	22-08-2012	39529	
8	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	02-07-2013	34949	
9	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	02-07-2013	34949	
10	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	02-07-2013	34949	
11	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	29-06-2013	34949	
12	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	28-06-2013	34949	
13	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	28-06-2013	34949	
14	ONLINE UPS SYSTEM 1 KVA	411804	As additional capital expenditure	7270	31-12-2011	6769	
15	ONLINE UPS SYSTEM 1 KVA	411804	As additional capital expenditure	7270	31-12-2011	6769	
16	ONLINE UPS SYSTEM 1 KVA	411804	As additional capital expenditure	7270	31-12-2011	6769	
17	ONLINE UPS SYSTEM 1 KVA	411804	As additional capital expenditure	7270	31-12-2011	6769	
18	ONLINE UPS SYSTEM 1 KVA	411804	As additional capital expenditure	7270	31-12-2011	6769	
19	ONLINE UPS SYSTEM 1 KVA	411804	As additional capital expenditure	7270	31-12-2011	6769	

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## Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : Chutak Power Station  
 Region/State/Distt. -

(Amount in Rs.)

Sl. No.	Name of the Asset	Head of Account	Nature of de-capitlization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	
20	ONLINE UPS SYSTEM 1 KVA	411804	As additional capital expenditure	7270	31-12-2011	6769	Ref SI No. 7 of Form 9A, FY2019-20
21	ONLINE UPS SYSTEM 1 KVA	411804	As additional capital expenditure	7270	31-12-2011	6769	
22	UPS 1 KVA OFFLINE	411804	As additional capital expenditure	5800	27-09-2014	5510	
23	UPS 1 KVA OFFLINE	411804	As additional capital expenditure	5800	27-09-2014	5510	
24	UPS 1 KVA OFFLINE	411804	As additional capital expenditure	5063	10-11-2014	4810	
25	UPS 1 KVA OFFLINE	411804	As additional capital expenditure	5063	10-11-2014	4810	
26	UPS 1 KVA OFFLINE	411804	As additional capital expenditure	5063	10-11-2014	4810	
27	UPS 1 KVA OFFLINE	411804	As additional capital expenditure	5063	10-11-2014	4810	
28	UPS 1 KVA OFFLINE	411804	As additional capital expenditure	5063	10-11-2014	4810	
29	UPS 1 KVA OFFLINE	411804	As additional capital expenditure	5063	10-11-2014	4810	
30	UPS 1 KVA OFFLINE	411804	As additional capital expenditure	5063	10-11-2014	4810	
31	UPS 1 KVA OFFLINE	411804	As additional capital expenditure	5063	10-11-2014	4810	
32	UPS 1 KVA OFFLINE	411804	As additional capital expenditure	5063	10-11-2014	4810	
33	UPS 1 KVA OFFLINE	411804	As additional capital expenditure	5063	10-11-2014	4810	
34	UPS 1 KVA OFFLINE	411804	As additional capital expenditure	5063	10-11-2014	4810	
35	UPS 1 KVA OFFLINE	411804	As additional capital expenditure	5063	10-11-2014	4810	
36	UPS 1 KVA OFFLINE	411804	As additional capital expenditure	5063	10-11-2014	4810	
37	HP LASER JET ALL IN ONE PRINTER, M1536DNF	411803	As additional capital expenditure	23470	22-08-2012	1278	Ref SI No. 8 of
38	HP LASER JET ALL IN ONE PRINTER, M1536DNF	411803	As additional capital expenditure	23470	22-08-2012	1278	
39	HP LASER JET ALL IN ONE PRINTER, M1536DNF	411803	As additional capital expenditure	23470	22-08-2012	1278	
40	HP LASER JET ALL IN ONE PRINTER, M1536DNF	411803	As additional capital expenditure	23470	22-08-2012	1278	
41	HP LASER JET ALL IN ONE PRINTER, M1536DNF	411803	As additional capital expenditure	23470	22-08-2012	1278	

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## Details of Assets De-capitalized during the period

Name of the Petitioner : **NHPC Limited**  
 Name of the Generating Station : **Chutak Power Station**  
 Region/State/Distt. -

(Amount in Rs.)

Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	
42	HP LASER JET ALL IN ONE PRINTER, M1536DNF	411803	As additional capital expenditure	18877	10-11-2014	1888	Form 9A, FY2019-20
43	HP LASER JET ALL IN ONE PRINTER, M1536DNF	411803	As additional capital expenditure	18877	10-11-2014	1888	
44	HP LASER JET ALL IN ONE PRINTER, M1536DNF	411803	As additional capital expenditure	18877	10-11-2014	1888	
45	HP LASER JET ALL IN ONE PRINTER, M1536DNF	411803	As additional capital expenditure	18877	10-11-2014	1888	
46	HP LASER JET ALL IN ONE PRINTER, M1536DNF	411803	As additional capital expenditure	18877	10-11-2014	1888	
47	HP LASER JET ALL IN ONE PRINTER, M1536DNF	411803	As additional capital expenditure	18877	10-11-2014	1888	
<b>Total 2019-20</b>				<b>842812</b>		<b>594389</b>	

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
 (M G Gokhale)  
 General Manager (Comml.)

## Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : Chutak Power Station  
 Region/State/Distt. -

(Amount in Rs.)

Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	
<b>2020-21</b>							
<b>A</b>	<b>De-Capitalization of Assets claimed against additional capitalisation</b>						
1	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	28-06-2013	34949	
2	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	27-06-2013	34949	
3	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	27-06-2013	34949	
4	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	27-06-2013	34949	
5	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	27-06-2013	34949	
6	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	27-06-2013	34949	
7	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	27-06-2013	34949	
8	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	27-06-2013	34949	
9	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	25-06-2013	34949	

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## Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : Chutak Power Station  
 Region/State/Distt. -

(Amount in Rs.)

Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	
10	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	25-06-2013	34949	Ref SI No. 6 of Form 9A, FY2020-21
11	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	25-06-2013	34949	
12	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	36788	25-06-2013	34949	
13	ACER NETBOOK V5-121	411801	As additional capital expenditure	21400	24-09-2013	20330	
14	ACER NETBOOK V5-121	411801	As additional capital expenditure	21400	24-09-2013	20330	
15	ACER NETBOOK V5-121	411801	As additional capital expenditure	21400	24-09-2013	20330	
16	ACER NETBOOK V5-121	411801	As additional capital expenditure	21400	24-09-2013	20330	
17	PERSONAL COMPUTER (LAPTOP)	411801	As additional capital expenditure	46990	24-12-2013	44640	
18	PERSONAL COMPUTER (LAPTOP)	411801	As additional capital expenditure	46990	24-12-2013	44640	
19	PERSONAL COMPUTER (LAPTOP)	411801	As additional capital expenditure	46990	24-12-2013	44640	

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## Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : Chutak Power Station  
 Region/State/Distt. -

(Amount in Rs.)

Sl. No.	Name of the Asset	Head of Account	Nature of de-capitlization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	
20	LAPTOP, MAKE DELL, MODEL- XPS 14Z	411801	As additional capital expenditure	74760	08-03-2013	71022	
21	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	56698	27-09-2014	51028	
22	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	56698	27-09-2014	51028	
23	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	48780	10-11-2014	43902	
24	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	48780	10-11-2014	43902	
25	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	48780	10-11-2014	43902	
26	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	48780	10-11-2014	43902	
27	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	48780	10-11-2014	43902	
28	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	48780	10-11-2014	43902	
29	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	48780	10-11-2014	43902	

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## Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : Chutak Power Station  
 Region/State/Distt. -

(Amount in Rs.)

Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	
30	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	48780	10-11-2014	43902	
31	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	48780	10-11-2014	43902	
32	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	48780	10-11-2014	43902	
33	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	48780	10-11-2014	43902	
34	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	48780	10-11-2014	43902	
35	PERSONAL COMPUTER (DESKTOP)	411801	As additional capital expenditure	48780	10-11-2014	43902	

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## Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : Chutak Power Station  
 Region/State/Distt. -

(Amount in Rs.)

Sl. No.	Name of the Asset	Head of Account	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Remarks
1	2		3	4	5	6	
36	XEROX MULTIFUNCTION PRINTER/COPIER MODEL WC 5330	411803	As additional capital expenditure	193681	30-12-2012	183997	Ref SI No.7 of Form 9A, FY2020-21
37	XEROX MULTIFUNCTION PRINTER/COPIER MODEL WC 5330	411803	As additional capital expenditure	193681	30-12-2012	183997	
38	XEROX MULTIFUNCTION PRINTER/COPIER MODEL WC 5330	411803	As additional capital expenditure	193681	30-12-2012	183997	
39	XEROX MULTIFUNCTION PRINTER/COPIER MODEL WC 5330	411803	As additional capital expenditure	193681	30-12-2012	183997	
<b>Total 2020-21</b>				<b>2265046</b>		<b>2114420</b>	

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

**Statement showing reconciliation of ACE claimed with the capital additions as per books**

Name of the Petitioner :  
Name of the Generating Station :  
COD : 01.02.2013

NHPC Limited  
Chutak Power Station

Sl. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Closing Gross Block as per IND AS					
2	Add/Less:Adjustments					
3	Closing Gross Block as per IGAAP					
4	Opening Gross Block as per IND AS					
5	Add/Less:Adjustments					
6	Opening Gross Block as per IGAAP					
7	<b>Total Additions as per books (G=3-5)</b>					
8	Less: Additions pertaining to other Stages (give Stage Wise breakup)					
9	<b>Net Additions pertaining to instant project/Unit/Stage</b>					
10	Less Exclusions (items not allowable / not claimed)					
11	<b>Net Additions Capital Expenditure Claimed (on accrual basis)</b>					
12	<b>Less: Un-discharged Liabilities</b>					
13	<b>Add: Discharge of un-discharged liabilities, corresponding to admitted assets/works</b>					
14	<b>Net Additional Capital Expenditure Claimed (on cash basis)</b>					

Petition is based on projected additional capital expenditure. Reconciliation will be submitted at the time of truing up of tariff.

**Note:**

Reason for exclusion of any expenditure shall be given in Clear terms.

**For Arora Vohra & Co.**  
Chartered Accountants



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**For NHPC Limited**

**(M G Gokhale)**  
General Manager (Comml.)

## Statement showing items / assets / works claimed under Exclusions

Name of the Petitioner : NHPC Ltd.

Name of the Generating Station : Chutak Power Station

COD : 01.02.2013

Sl. No.	Head of Work / Equipment	ACE Claimed under Exclusion				Justification
		Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3	
1	2	3	4	5=3-4	6	7
		NIL				

**Note:**

1. Exclusions claimed on assets not allowed in Tariff should be supported by the specific reference of Commission Order date, Petition No., amount disallowed, etc..
2. For inter unit transfer, nature of transfer i.e. temporary or permanent should be mentioned. It is to be certified that exclusion sought in receiving station only and not in sending station or in both the station.

**For Arora Vohra & Co.  
Chartered Accountants**



**For NHPC Limited**

**(M G Gokhale)  
General Manager (Comml.)**

**Statement of Capital Cost**  
(To be given for relevant dates and year wise)

Name of the Petitioner : NHPC Ltd.

Name of the Generating Station : Chutak Power Station

(Amount in Lakhs)

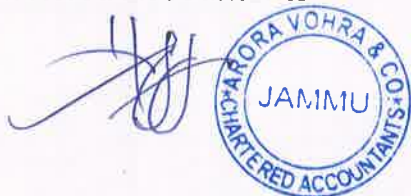
Sl. No.	Particulars	As on relevant date <sup>1</sup>
A	a) Opening Gross Block amount As per books	
	b) Amount of Capital liabilities in A(a) above	
	c) Amount of IDC in A(a) above	
	d) Amount of FC in A(a) above	
	e) Amount of FERV in A(a) above	
	f) Amount of Hedging Cost in A(a) above	
	g) Amount of IEDC in A(a) above	
B	a) Addition in Gross Block amount during the period (Direct purchases)	
	b) Amount of Capital liabilities in B(a) above	
	c) Amount of IDC in B(a) above	
	d) Amount of FC in B(a) above	
	e) Amount of FERV in B(a) above	
	f) Amount of Hedging Cost in B(a) above	
	g) Amount of IEDC in B(a) above	
C	a) Addition in Gross Block amount during the period (Transfer from CWIP)	
	b) Amount of Capital liabilities in C(a) above	
	c) Amount of IDC in C(a) above	
	d) Amount of FC in C(a) above	
	e) Amount of FERV in C(a) above	
	f) Amount of Hedging Cost in C(a) above	
	g) Amount of IEDC in C(a) above	
D	a) Deletion in Gross Block Amount during the period	
	b) Amount of Capital liabilities in D(a) above	
	c) Amount of IDC in D(a) above	
	d) Amount of FC in D(a) above	
	e) Amount of FERV in D(a) above	
	f) Amount of Hedging Cost in D(a) above	
	g) Amount of IEDC in D(a) above	
E	a) Closing Gross Block amount As per books	
	b) Amount of Capital liabilities in E(a) above	
	c) Amount of IDC in E(a) above	
	d) Amount of FC in E(a) above	
	e) Amount of FERV in E(a) above	
	f) Amount of Hedging Cost in E(a) above	
	g) Amount of IEDC in E(a) above	

NOT APPLICABLE

**Note:**

1. Relevant date/s means date of COD of unit/s/station and financial year start date and end date.

**For Arora Vohra & Co.**  
**Chartered Accountants**

**For NHPC Limited**

  
**(M G Gokhale)**  
**General Manager (Comm)**

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## Statement of Capital Woks in Progress

(To be given for the relevant dates and year wise)

**Name of the Petitioner : NHPC Ltd.**

**Name of the Generating Station : Chutak Power Station**

(Amount in Rs. Lakhs)

Sl. No.	Particulars	As on relevant date <sup>1</sup>
<b>A</b>	a) Opening CWIP As per books	
	b) Amount of Capital liabilities in A(a) above	
	c) Amount of IDC in A(a) above	
	d) Amount of FC in A(a) above	
	e) Amount of FERV in A(a) above	
	f) Amount of Hedging Cost in A(a) above	
	g) Amount of IEDC in A(a) above	
<b>B</b>	a) Addition in CWIP during the period	
	b) Amount of Capital liabilities in B(a) above	
	c) Amount of IDC in B(a) above	
	d) Amount of FC in B(a) above	
	e) Amount of FERV in B(a) above	
	f) Amount of Hedging Cost in B(a) above	
	g) Amount of IEDC in B(a) above	
<b>C</b>	a) Transferred to Gross Block Amount during the period	
	b) Amount of Capital liabilities in C(a) above	
	c) Amount of IDC in C(a) above	
	d) Amount of FC in C(a) above	
	e) Amount of FERV in C(a) above	
	f) Amount of Hedging Cost in C(a) above	
	g) Amount of IEDC in C(a) above	
<b>D</b>	a) Deletion in CWIP during the period	
	b) Amount of Capital liabilities in D(a) above	
	c) Amount of IDC in D(a) above	
	d) Amount of FC in D(a) above	
	e) Amount of FERV in D(a) above	
	f) Amount of Hedging Cost in D(a) above	
	g) Amount of IEDC in D(a) above	
<b>E</b>	a) Closing CWIP as per books	
	b) Amount of Capital liabilities in E(a) above	
	c) Amount of IDC in E(a) above	
	d) Amount of FC in E(a) above	
	e) Amount of FERV in E(a) above	
	f) Amount of Hedging Cost in E(a) above	
	g) Amount of IEDC in E(a) above	

NOT APPLICABLE

**Note:**

1. Relevant date/s means date of COD of unit/s/station and financial year start date and end date.

**For Arora Vohra & Co.  
Chartered Accountants**



**For NHPC Limited**

(M G Gokhale)  
General Manager (Comm.)

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## Financing of Additional Capitalisation

Name of the Petitioner : NHPC Ltd.  
 Name of the Generating Station : Chutak Power Station  
 COD : 01.02.2013

(Amount In Rs. Lakhs)

Financial Year (Starting from COD) <sup>1</sup>	Actual / projected					Admitted				
	2014-15	2015-16	2016-17	2017-18	2018-19	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7	8	9	10	11
Amount capitalised In Work / Equipment	920.02	1,054.26	1,369.96	285.90	149.00					
Financing Details										
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan <sup>2</sup>										
Equity										
Internal Resources	920.02	1,054.26	1,369.96	285.90	149.00					
Others (Pl. specify)										
Total	920.02	1,054.26	1,369.96	285.90	149.00					

Note:

1 Year 1 refers to Financial Year of COD and Year 2, Year 3 etc. are the subsequent financial years respectively.

2 Loan details for meeting the additional capitalisation requirement should be given as per FORM-7 or 8 whichever is relevant.

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comm.)



## Calculation of Depreciation

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK POWER STATION

Amount In Rs.

Sl. No.	Name of the Assets <sup>1</sup>	HOA	Gross Block as on 31.03.2019	Depreciation Rates as per CERC's Depreciation Rate Schedule (%)	Depreciation Amount as on 31.03.2019
	1			3	
1	Land – Freehold	410101		0	0.00
2	Land – Leasehold	410111	46665942.00	3.34%	1558642.00
3	Land– Right to Use	410121	9423210.00	3.34%	314735.00
4	Roads and Bridges	4102XX	69535578.00	3.34%	2322488.00
5	Buildings Others	4103XX except 01	121366233.00	3.34%	4053632.00
6	Building containing GPM	410301	1059165139.00	3.34%	35376116.00
7	Railway sidings		0.00	5.28%	0.00
8	Hydraulic Works(Dams, Water Conductor system, Hydro mechanical gates, tunnels)	4106XX	4625581463.00	5.28%	244230701.00
9	Generating Plant and machinery	4107XX	2921525551.00	5.28%	154256549.00
10	Plant and machinery Sub station	4108XX	1471101.00	5.28%	77674.00
11	Plant and machinery Transmission lines	4109XX	9556060.00	5.28%	504560.00
12	Plant and machinery Others	4110XX	5949118.00	5.28%	314113.00
13	Construction Equipment	4111XX	24077994.00	5.28%	1271318.00
14	Water Supply System/Drainage and Sewerage	4112XX	6036104.00	5.28%	318706.00
15	Electrical installations	4114XX	15750.00	5.28%	832.00
16	Vehicles	4115XX	10071592.00	9.50%	956801.00
17	Aircraft/ Boats	4116XX	0.00	9.50%	0.00
18	Furniture and fixture	4117XX	9927189.00	6.33%	628391.00
19	Computers	4118XX	6049478.00	15.00%	907422.00
20	Communication Equipment	4119XX	12286958.00	6.33%	777764.00
21	Office Equipments	4120XX	18354704.00	6.33%	1161853.00
22	Research and Development	4121XX	0.00		0.00
23	Computer Software	412201	52504.00	15.00%	7876.00
24	Other assets	4125XX	14594511.00	6.33%	923833.00
25	Capital Expenditure on assets Not Owned by NHPC	4126XX	0.00	6.33%	0.00
26	Tangible Assets of minor value >750 and < Rs.5000	4128XX	1149380.00	5.28%	60687.00
27	Obsolete / surplus assets	4130XX		0.00%	0.00
	<b>TOTAL</b>		<b>8972855559</b>		<b>450024693</b>
<b>Weighted Average Depreciation Rate (%)</b>					<b>5.015%</b>

\* Provide details of Freehold Land, Leasehold Land and Land under reservoir separately

**Note:**

1. Name of the Assets should conform to the description of the assets mentioned in Depreciation Schedule appended to the Notification.

For Arora Vohra & Co.  
Chartered Accountants



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For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

## Statement of Depreciation

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Chutak Power Station

(Amount in ₹ Lakh)

Sl. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2		3	4	5	6	7
1	Opening Capital Cost	92,294.89	92,818.85	93,738.87	94,793.13	96,163.09	96,448.99
2	Closing Capital Cost	92,818.85	93,738.87	94,793.13	96,163.09	96,448.99	96,597.99
3	Average Capital Cost	92,556.87	93,278.86	94,266.00	95,478.11	96,306.04	96,523.49
4	Freehold land	0.00	0.00	0.00	0.00	0.00	0.00
5	Rate of depreciation	5.015%	5.015%	5.015%	5.015%	5.015%	5.015%
6	Depreciable value	83,301.18	83,950.98	84,839.40	85,930.30	86,675.44	86,871.14
7	Balance useful life at the beginning of the period	29.84	33.84	32.84	31.84	30.84	29.84
8	Remaining depreciable value (at the beginning)	59,716.46	55,724.16	51,937.23	48,309.30	44,265.83	39,631.40
9	Depreciation (for the period)	4,642.10	4,678.31	4,727.82	4,788.61	4,830.13	4,841.04
10	Depreciation (annualized)						
11	Cumulative depreciation at the end of the period	28226.82	32,905.13	37,629.99	42,409.61	47,239.74	52,080.78
12	Less : Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009 / Station COD, whichever is later.						
13	Less : Cumulative depreciation adjustment on account of de-capitalisation (Refer Form-9B(i))	-	2.96	8.99	-	-	-
14	Net Cumulative depreciation at the end of the period	28,226.82	32,902.17	37,621.00	42,409.61	47,239.74	52,080.78

## Note:

1. In case of details of FERV and AAD, give information for the applicable period.

For Arora Vohra & Co.  
Chartered Accountants

For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

PART-II  
Form -13Calculation of Weighted Average Rate of Interest on Actual Loans<sup>1</sup>

Name of the Company : NHPC Ltd.

Name of the Power Station : Chutak PS

(Amt. in Lakh)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
	1	3	4	5	6	7
<b>1</b>	<b>SUB-ORDINATE DEBT Govt. of India</b>					
	Gross loan - Opening	55475.00	55475.00	55475.00	55475.00	55475.00
	Cumulative repayments of Loans upto previous year	2311.46	4622.92	6934.38	9245.83	11557.29
	Net loan - Opening	53163.54	50852.08	48540.63	46229.17	43917.71
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	2311.46	2311.46	2311.46	2311.46	2311.46
	Net loan - Closing	50852.08	48540.63	46229.17	43917.71	41606.25
	Average Net Loan	52007.81	49696.35	47384.90	45073.44	42761.98
	Rate of Interest on Loan	2.50%	2.50%	2.50%	2.50%	2.50%
	Interest on loan	1319.62	1261.96	1204.17	1146.39	1088.47
<b>2</b>	<b>Q SERIES BONDS</b>					
	Gross loan - Opening	500.00	500.00	500.00	500.00	500.00
	Cumulative repayments of Loans upto previous year	166.67	208.33	250.00	291.67	333.33
	Net loan - Opening	333.33	291.67	250.00	208.33	166.67
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	41.67	41.67	41.67	41.67	41.67
	Net loan - Closing	291.67	250.00	208.33	166.67	125.00
	Average Net Loan	312.50	270.83	229.17	187.50	145.83
	Rate of Interest on Loan	9.25%	9.25%	9.25%	9.25%	9.25%
	Interest on loan	30.63	26.77	22.91	19.06	15.21
<b>3</b>	<b>R-1 Series BONDS</b>					
	Gross loan - Opening	192.00	192.00	192.00	192.00	192.00
	Cumulative repayments of Loans upto previous year	80.00	96.00	112.00	128.00	144.00
	Net loan - Opening	112.00	96.00	80.00	64.00	48.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	16.00	16.00	16.00	16.00	16.00
	Net loan - Closing	96.00	80.00	64.00	48.00	32.00
	Average Net Loan	104.00	88.00	72.00	56.00	40.00
	Rate of Interest on Loan	8.70%	8.70%	8.70%	8.70%	8.70%
	Interest on loan	9.58	8.15	6.77	5.38	4.00
<b>4</b>	<b>S1-Series Bonds</b>					
	Gross loan - Opening	1225.00	1225.00	1225.00	1225.00	1225.00
	Cumulative repayments of Loans upto previous year	490.00	612.50	735.00	857.50	980.00
	Net loan - Opening	735.00	612.50	490.00	367.50	245.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	122.50	122.50	122.50	122.50	122.50
	Net loan - Closing	612.50	490.00	367.50	245.00	122.50
	Average Net Loan	673.75	551.25	428.75	306.25	183.75
	Rate of Interest on Loan	8.49%	8.49%	8.49%	8.49%	8.49%
	Interest on loan	58.90	48.32	38.01	27.61	17.23
<b>5</b>	<b>V-Series Bonds</b>					
	Gross loan - Opening	33.00	33.00	33.00	33.00	33.00
	Cumulative repayments of Loans upto previous year	11.00	18.33	25.67	33.00	33.00
	Net loan - Opening	22.00	14.67	7.33	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	7.33	7.33	7.33	0.00	0.00
	Net loan - Closing	14.67	7.33	0.00	0.00	0.00
	Average Net Loan	18.33	11.00	3.67	0.00	0.00
	Rate of Interest on Loan	6.84%	6.84%	6.84%	6.84%	6.84%
	Interest on loan	1.41	0.91	0.41	0.00	0.00



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Form -13

Calculation of Weighted Average Rate of Interest on Actual Loans<sup>1</sup>

Name of the Company : NHPC Ltd.

Name of the Power Station : Chutak PS

(Amt. In Lakh)

Sl. no.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
	1	3	4	5	6	7
<b>6</b>	<b>V2-Series Bonds</b>					
	Gross loan - Opening	36.67	36.67	36.67	36.67	36.67
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	36.67	36.67	36.67	36.67	36.67
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	7.33
	Net loan - Closing	36.67	36.67	36.67	36.67	29.34
	Average Net Loan	36.67	36.67	36.67	36.67	33.00
	Rate of Interest on Loan	7.52%	7.52%	7.52%	7.52%	7.52%
	Interest on loan	2.76	2.76	2.76	2.76	2.31
<b>7</b>	<b>W1-Series Bonds</b>					
	Gross loan - Opening	2949.17	2949.17	2949.17	2949.17	2949.17
	Cumulative repayments of Loans upto previous year	729.83	1459.67	2189.50	2919.34	2949.17
	Net loan - Opening	2219.33	1489.50	759.66	29.83	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	729.83	729.83	729.83	29.83	0.00
	Net loan - Closing	1489.50	759.66	29.83	0.00	0.00
	Average Net Loan	1854.41	1124.58	394.75	14.91	0.00
	Rate of Interest on Loan	6.91%	6.91%	6.91%	6.91%	6.91%
	Interest on loan	126.13	75.44	25.14	0.94	0.00
<b>8</b>	<b>W2-Series Bonds</b>					
	Gross loan - Opening	171.54	171.54	171.54	171.54	171.54
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	171.54	171.54	171.54	171.54	171.54
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	29.83
	Net loan - Closing	171.54	171.54	171.54	171.54	141.71
	Average Net Loan	171.54	171.54	171.54	171.54	156.62
	Rate of Interest on Loan	7.35%	7.35%	7.35%	7.35%	7.35%
	Interest on loan	12.62	12.59	12.61	12.61	11.43
<b>9</b>	<b>X-Series Bonds</b>					
	Gross loan - Opening	8758.00	8758.00	8758.00	8758.00	8758.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	1251.14
	Net loan - Opening	8758.00	8758.00	8758.00	8758.00	7506.86
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	1251.14	1251.14
	Net loan - Closing	8758.00	8758.00	8758.00	7506.86	6255.72
	Average Net Loan	8758.00	8758.00	8758.00	8132.43	6881.29
	Rate of Interest on Loan	8.65%	8.65%	8.65%	8.65%	8.65%
	Interest on loan	759.34	755.79	757.57	742.15	635.19
	<b>TOTAL LOANS</b>					
	Gross loan - Opening	69340.37	69340.37	69340.37	69340.37	69340.37
	Cumulative repayments of Loans upto previous year	3788.96	7017.75	10246.54	13475.34	17247.93
	Net loan - Opening	65551.42	62322.62	59093.83	55865.04	52092.44
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	3228.79	3228.79	3228.79	3772.60	3779.93
	Net loan - Closing	62322.62	59093.83	55865.04	52092.44	48312.51
	Average Net Loan	63937.02	60708.23	57479.44	53978.74	50202.48
	Interest on loan	2320.99	2192.68	2070.35	1956.89	1773.83
	<b>Weighted average Rate of Interest on Loans</b>	3.63%	3.61%	3.60%	3.63%	3.53%

For Arora Vohra & Co.  
Chartered Accountants

For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

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**Calculation of Interest taken in Form 13  
(on actual basis)**

Name of the Company  
Name of the Power Station

NHPC LTD.  
CHUTAK PS

(Amount in lakh)

Sl. No.	Principal	Date of Repayment	Amount of Installment	From	to	Days	Interest Rate (%)	Interest	Intt. In form 13
<b>1</b>	<b>SUBORDINATE DEBT GOI</b>								
	53163.54			01-Apr-19	31-Jan-20	306	2.50%	1111.21	
	50852.08	01-02-2020	2311.46	01-Feb-20	31-Mar-20	60	2.50%	208.41	<b>1319.62</b>
	50852.08			01-Apr-20	31-Jan-21	306	2.50%	1065.80	
	48540.63	01-02-2021	2311.46	01-Feb-21	31-Mar-21	59	2.50%	196.16	<b>1261.96</b>
	48540.63			01-Apr-21	31-Jan-22	306	2.50%	1017.36	
	46229.17	01-02-2022	2311.46	01-Feb-22	31-Mar-22	59	2.50%	186.82	<b>1204.17</b>
	46229.17			01-Apr-22	31-Jan-23	306	2.50%	968.91	
	43917.71	01-02-2023	2311.46	01-Feb-23	31-Mar-23	59	2.50%	177.48	<b>1146.39</b>
	43917.71			01-Apr-23	31-Jan-24	306	2.50%	917.95	
	41606.25	01-02-2024	2311.46	01-Feb-24	31-Mar-24	60	2.50%	170.52	<b>1088.47</b>
			<b>11557.29</b>			<b>1827.00</b>		<b>6020.61</b>	<b>6020.61</b>
<b>2</b>	<b>Q Serles Bonds</b>								
	333.33			01-Apr-19	11-Mar-20	346	9.25%	29.15	
	291.67	12-Mar-20	41.67	12-Mar-20	31-Mar-20	20	9.25%	1.48	30.63
	291.67			01-Apr-20	11-Mar-21	345	9.25%	25.50	
	250.00	12-Mar-21	41.67	12-Mar-21	31-Mar-21	20	9.25%	1.27	26.77
	250.00			01-Apr-21	11-Mar-22	345	9.25%	21.86	
	208.33	12-Mar-22	41.67	12-Mar-22	31-Mar-22	20	9.25%	1.06	22.91
	208.33			01-Apr-22	11-Mar-23	345	9.25%	18.21	
	166.67	12-Mar-23	41.67	12-Mar-23	31-Mar-23	20	9.25%	0.84	19.06
	166.67			01-Apr-23	11-Mar-24	346	9.25%	14.57	
	125.00	12-Mar-24	41.67	12-Mar-24	31-Mar-24	20	9.25%	0.63	15.21
			<b>208.33</b>			<b>1827</b>		<b>114.57</b>	<b>114.57</b>
<b>3</b>	<b>R-1 Series Bonds</b>								
	112.00			01-Apr-19	10-Feb-20	316	8.70%	8.44	
	96.00	11-02-2020	16.00	11-Feb-20	31-Mar-20	50	8.70%	1.14	9.58
	96.00			01-Apr-20	10-Feb-21	316	8.70%	7.21	
	80.00	11-02-2021	16.00	11-Feb-21	31-Mar-21	49	8.70%	0.93	8.15
	80.00			01-Apr-21	10-Feb-22	316	8.70%	6.03	
	64.00	11-02-2022	16.00	11-Feb-22	31-Mar-22	49	8.70%	0.75	6.77
	64.00			01-Apr-22	10-Feb-23	316	8.70%	4.82	
	48.00	11-02-2023	16.00	11-Feb-23	31-Mar-23	49	8.70%	0.56	5.38
	48.00			01-Apr-23	10-Feb-24	316	8.70%	3.62	
	32.00	11-02-2024	16.00	11-Feb-24	31-Mar-24	50	8.70%	0.38	4.00
			<b>80.00</b>			<b>1827</b>		<b>33.87</b>	<b>33.87</b>



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(Amount in lakh)

Sl. No.	Principal	Date of Repayment	Amount of Installment	From	to	Days	Interest Rate (%)	Interest	Intt. In form 13
<b>4</b>	<b>S1-Series Bonds</b>								
	735.00			01-Apr-19	25-Nov-19	239	8.49%	40.86	
	612.50	26-Nov-19	122.50	26-Nov-19	31-Mar-20	127	8.49%	18.04	58.90
	612.50			01-Apr-20	25-Nov-20	239	8.49%	33.96	
	490.00	26-Nov-20	122.50	26-Nov-20	31-Mar-21	126	8.49%	14.36	48.32
	490.00			01-Apr-21	25-Nov-21	239	8.49%	27.24	
	367.50	26-Nov-21	122.50	26-Nov-21	31-Mar-22	126	8.49%	10.77	38.01
	367.50			01-Apr-22	25-Nov-22	239	8.49%	20.43	
	245.00	26-Nov-22	122.50	26-Nov-22	31-Mar-23	126	8.49%	7.18	27.61
	245.00			01-Apr-23	25-Nov-23	239	8.49%	13.62	
	122.50	26-Nov-23	122.50	26-Nov-23	31-Mar-24	127	8.49%	3.61	17.23
			<b>612.50</b>			<b>1827</b>		<b>190.07</b>	<b>190.07</b>
<b>5</b>	<b>V-Series Bonds</b>								
	22.00			01-Apr-19	23-Jan-20	298	6.84%	1.23	
	14.67	24-Jan-20	7.33	24-Jan-20	31-Mar-20	68	6.84%	0.19	1.41
	14.67			01-Apr-20	23-Jan-21	298	6.84%	0.82	
	7.33	24-Jan-21	7.33	24-Jan-21	31-Mar-21	67	6.84%	0.09	0.91
	7.33			01-Apr-21	23-Jan-22	298	6.84%	0.41	
	0.00	24-Jan-22	7.33	24-Jan-22	31-Mar-22	67	6.84%	0.00	0.41
			<b>22.00</b>			<b>1096</b>		<b>2.73</b>	<b>2.73</b>
<b>6</b>	<b>V2-Series Bonds</b>								
	36.67			01-Apr-19	05-Jun-19	66	7.52%	0.50	
	36.67			06-Jun-19	31-Mar-20	300	7.52%	2.26	2.76
	36.67			01-Apr-20	05-Jun-20	66	7.52%	0.50	
	36.67			06-Jun-20	31-Mar-21	299	7.52%	2.26	2.76
	36.67			01-Apr-21	05-Jun-21	66	7.52%	0.50	
	36.67			06-Jun-21	31-Mar-22	299	7.52%	2.26	2.76
	36.67			01-Apr-22	05-Jun-22	66	7.52%	0.50	
	36.67			06-Jun-22	31-Mar-23	299	7.52%	2.26	2.76
	36.67			01-Apr-23	05-Jun-23	66	7.52%	0.50	
	29.34	06-Jun-23	7.33	06-Jun-23	31-Mar-24	300	7.52%	1.81	2.31
			<b>7.33</b>			<b>1827</b>		<b>13.34</b>	<b>13.34</b>
<b>7</b>	<b>W1-Series Bonds</b>								
	2219.33			01-Apr-19	14-Sep-19	167	6.91%	70.17	
	1489.50	15-Sep-19	729.83	15-Sep-19	31-Mar-20	199	6.91%	55.96	126.13
	1489.50			01-Apr-20	14-Sep-20	167	6.91%	46.96	
	759.66	15-Sep-20	729.83	15-Sep-20	31-Mar-21	198	6.91%	28.48	75.44
	759.66			01-Apr-21	14-Sep-21	167	6.91%	24.02	
	29.83	15-Sep-21	729.83	15-Sep-21	31-Mar-22	198	6.91%	1.12	25.14
	29.83			01-Apr-22	14-Sep-22	167	6.91%	0.94	
	0.00	15-Sep-22	29.83	15-Sep-22	31-Mar-23	198	6.91%	0.00	0.94
			<b>2219.33</b>			<b>1461</b>		<b>227.64</b>	<b>227.64</b>



(Amount in lakh)

Sl. No.	Principal	Date of Repayment	Amount of Installment	From	to	Days	Interest Rate (%)	Interest	Intt. In form 13
<b>8</b>	<b>W2-Series Bonds</b>								
	171.54			01-Apr-19	14-Sep-19	167	7.35%	5.77	
	171.54			15-Sep-19	31-Mar-20	199	7.35%	6.86	12.62
	171.54			01-Apr-20	14-Sep-20	167	7.35%	5.75	
	171.54			15-Sep-20	31-Mar-21	198	7.35%	6.84	12.59
	171.54			01-Apr-21	14-Sep-21	167	7.35%	5.77	
	171.54			15-Sep-21	31-Mar-22	198	7.35%	6.84	12.61
	171.54			01-Apr-22	14-Sep-22	167	7.35%	5.77	
	171.54			15-Sep-22	31-Mar-23	198	7.35%	6.84	12.61
	171.54			01-Apr-23	14-Sep-23	167	7.35%	5.77	
	141.71	15-Sep-23	29.83	15-Sep-23	31-Mar-24	199	7.35%	5.66	11.43
			<b>29.83</b>			<b>1827</b>		<b>61.87</b>	<b>61.87</b>
<b>9</b>	<b>X-Series Bonds</b>								
	8758.00			01-Apr-19	07-Feb-20	313	8.65%	649.64	
	8758.00			08-Feb-20	31-Mar-20	53	8.65%	109.70	759.34
	8758.00			01-Apr-20	07-Feb-21	313	8.65%	647.86	
	8758.00			08-Feb-21	31-Mar-21	52	8.65%	107.93	755.79
	8758.00			01-Apr-21	07-Feb-22	313	8.65%	649.64	
	8758.00			08-Feb-22	31-Mar-22	52	8.65%	107.93	757.57
	8758.00			01-Apr-22	07-Feb-23	313	8.65%	649.64	
	7506.86	08-02-2023	1251.14	08-Feb-23	31-Mar-23	52	8.65%	92.51	742.15
	7506.86			01-Apr-23	07-Feb-24	313	8.65%	556.83	
	6255.72	08-02-2024	1251.14	08-Feb-24	31-Mar-24	53	8.65%	78.36	635.19
			<b>2502.28</b>			<b>1827</b>		<b>3650.04</b>	<b>3650.04</b>

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

## Calculation of Interest on Normative Loan

Name of the Petitioner : NHPC Limited  
Name of the Generating Station : Chutak Power Station

(Amount in ` Lakh)

Sl. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Gross Normative loan - Opening	64,606.42	64,973.19	65,617.21	66,355.19	67,314.16	67,514.29
2	Cumulative repayment of Normative loan upto previous year	23,602.62	28,244.72	32,923.03	37,650.85	42,439.46	47,269.59
3	<b>Net Normative loan - Opening</b>	<b>41,003.80</b>	<b>36,728.47</b>	<b>32,694.18</b>	<b>28,704.34</b>	<b>24,874.70</b>	<b>20,244.70</b>
4	Add : Increase due to addition during the year / period	323.93	494.96	605.51	197.92	157.50	101.50
5	Less : Decrease due to de-capitalisation during the year / period	0.00	5.90	15.86	0.00	0.00	0.00
6	Less : Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
7	Add : Increase due to discharges during the year / period	42.85	154.95	148.32	761.05	42.63	2.80
	Less : Repayment during the year	4,642.10	4,678.31	4,727.82	4,788.61	4,830.13	4,841.04
8	<b>Net Normative loan - Closing</b>	<b>36,728.47</b>	<b>32,694.18</b>	<b>28,704.34</b>	<b>24,874.70</b>	<b>20,244.70</b>	<b>15,507.96</b>
9	<b>Average Normative loan</b>	<b>38866.13</b>	<b>34711.32</b>	<b>30699.26</b>	<b>26789.52</b>	<b>22559.70</b>	<b>17876.33</b>
10	Weighted average rate of interest	2.86%	3.63%	3.61%	3.60%	3.63%	3.53%
11	<b>Interest on Loan</b>	<b>1110.40</b>	<b>1260.06</b>	<b>1108.81</b>	<b>964.93</b>	<b>817.86</b>	<b>631.63</b>

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)



### Calculation of Interest on Working Capital

Name of the Petitioner : **NHPC Limited**  
 Name of the Generating Station : **Chutak Power Station**

(Amount in ` Lakh)

Sl. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
1	O & M Expenses *	222.10	369.55	387.17	405.62	424.96	445.22
2	Maintenance Spares *	399.78	665.19	696.90	730.12	764.93	801.39
3	Receivables	2,392.26	1,948.69	1,965.16	1,988.38	2,008.38	2,016.10
4	Total Working Capital	3,014.14	2,983.42	3,049.23	3,124.12	3,198.26	3,262.71
5	Rate of Interest	13.50%	12.05%	12.05%	12.05%	12.05%	12.05%
6	<b>Interest on Working Capital</b>	<b>406.91</b>	<b>359.50</b>	<b>367.43</b>	<b>376.46</b>	<b>385.39</b>	<b>393.16</b>

\* Security Expenses included as per Regulation 34(1) (c) of CERC Tariff Regulations' 2019

**For Arora Vohra & Co.**  
**Chartered Accountants**

**For NHPC Limited**



  
**(M G Gokhale)**  
**General Manager (Comml.)**

## Other Income as on actual / anticipated COD

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : Chutak Power Station

(Amount in ` Lakh)

Sl. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
1	Interest on Loans and advance						
2	Interest received on deposits		<b>NOT APPLICABLE</b>				
3	Income from Investment						
4	Income from sale of scrap						
5	Rebate for timely payment						
6	Surcharge on late payment from beneficiaries						
7	Rent from residential building						
8	Misc. receipts (Please Specify details)						
...	...						
...	...						

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
 (M G Gokhale)  
 General Manager (Comml.)

## Incidental Expenditure during Construction

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Chutak Power Station

(Amount in ` Lakh)

Sl. No.	Particulars	Up to Schedule COD	Upto actual / anticipated COD	
1	2	7	8	
<b>A</b>	<b>Expenses:</b>			
1	Employees' Benefits Expenses			
2	Finance Costs			
3	Water Charges			
4	Communication Expenses	<b>NOT APPLICABLE</b>		
5	Power Charges			
6	Other Office and Administrative Expenses			
7	Others (Please Specify Details)			
8	Other pre-Operating Expenses			
	.....			
<b>B</b>	<b>Total Expenses</b>			
	Less: Income from sale of tender			
	Less: Income from guest house			
	Less: Income recovered from Contractors			
	Less: Interest on Deposits			
	.....			

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

Name of the Petitioner : NHPC LIMITED  
 Name of the Generating Station : CHUTAK POWER STATION

Draw Down Schedule for Calculation of IDC & Financing Charges

Sl. No.	Draw Down Particulars	Quarter 1			Quarter 2			Quarter n (COD)		
		Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee (Rs Lakh)	Quantum In Foreign currency	Exchange Rate on draw down date	Amount In Indian Rupee (Rs Lakh)	Quantum In Foreign currency	Exchange Rate on draw down date	Amount In Indian Rupee (Rs Lakh)
1	Loans									
1.1	Foreign Loan									
1.1.1	Foreign Loan <sup>1</sup>									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
1.1.2	Foreign Loan <sup>2</sup>									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
1.1.3	Foreign Loan <sup>3</sup>									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
1.1.4	.....									
	.....									
	.....									
1.1	Total Foreign Loan									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
1.2	Indian Loans									
1.2.1	Indian Loan <sup>1</sup>									
	Draw down Amount									
	IDC									
	Financing charges									
1.2.2	Indian Loan <sup>2</sup>									
	Draw down Amount									
	IDC									
	Financing charges									
1.2.3	Indian Loan <sup>3</sup>									
	Draw down Amount									
	IDC									
	Financing charges									
1.2.4	.....									
	.....									
	.....									
1.2	Total Indian Loans									
	Draw down Amount									
	IDC									
	Financing charges									
1	Total Loans drawn									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
2	Equity									
2.1	Foreign equity drawn									
2.2	Indian equity drawn									
	Total equity deployed									

Not Applicable

Note:

1. Drawal of debt and equity shall be on paripassu basis quarter wise to meet the commissioning schedule. Drawal of higher equity in the beginning is permissible
2. Applicable interest rates including reset dates used for above computation may be furnished separately.
3. In case of multi unit project details of capitalisation ratio used to be furnished.
4. Detailed calculation of IDC (Actual drawl and repayment dates and amount, rates of interest, etc.) should be furnished.

For Arora Vohra & Co.  
Chartered Accountants



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For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

## Actual cash expenditure

Name of the Petitioner : NHPC LTD.

Name of the Generating Station : CHUTAK POWER STATION

(Amount in Lakhs)

	Quarter-I	Quarter-II	Quarter-III	Quarter-n (COD)
Payment to contractors/suppliers				
% of fund deployment		Not Applicable		

Note: If there is variation between payment and fund deployment justification need to be furnished

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

**Design energy and peaking capability (month wise) - ROR with Pondage /  
Storage type new stations**

Generating Company : NHPC LTD.  
Name of Hydro-electric Generating Station : Chutak Power Station  
Installed Capacity : 4 X 11 MW = 44 MW

Month		Design Energy* (MUs)	Designed Peaking Capability (MW)*
April	I		
	II		
	0.00 III		
May	I		
	II		
	0.00 III		
June	I		
	II		
	0.00 III		
July	I		
	II		
	0.00 III		
August	I		
	II		
	0.00 III		
September	I		
	II		
	0.00 III		
October	I		
	II		
	0.00 III		
November	I		
	II		
	0.00 III		
December	I		
	II		
	0.00 III		
January	I		
	II		
	0.00 III		
February	I		
	II		
	0.00 III		
March	I		
	II		
	0.00 III		
	0.00		
<b>Total</b>		<b>0.00</b>	

**Not Applicable**

\* As per DPR / TEC of CEA dated .....

Note:

Specify the number of peaking hours for which station has been designed. - 3 Hrs

**For Arora Vohra & Co.  
Chartered Accountants**



**For NHPC Limited**

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**(M G Gokhale)  
General Manager (Comml.)**

### Design energy and MW Continuous (month wise) - ROR type stations

Generating Company : NHPC LTD.  
 Name of Hydro-electric Generating Station : Chutak Power Station  
 Installed Capacity : 4 X 11 MW = 44 MW

Month		Design Energy* (MUs)	MW Continuous*
April	I	3.29	13.71
	II	3.30	13.77
	III	3.92	16.35
May	I	5.07	21.13
	II	6.64	27.65
	III	9.67	36.63
June	I	10.03	41.80
	II	10.03	41.80
	III	10.03	41.80
July	I	10.03	41.80
	II	10.03	41.80
	III	11.04	41.80
August	I	10.03	41.80
	II	9.93	41.39
	III	11.04	41.80
September	I	10.03	41.80
	II	9.15	38.12
	III	7.75	32.30
October	I	6.17	25.71
	II	4.50	18.76
	III	4.40	16.68
November	I	4.38	18.26
	II	3.96	16.49
	III	3.78	15.74
December	I	2.86	11.92
	II	2.76	11.48
	III	3.02	11.45
January	I	2.75	11.45
	II	2.75	11.45
	III	3.02	11.45
February	I	2.75	11.45
	II	2.75	11.45
	III	2.20	11.45
March	I	2.97	12.39
	II	3.19	13.28
	III	3.69	13.99
<b>Total</b>		<b>212.93</b>	

\* As per DPR / TEC of CEA dated .....

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

## Liability Flow Statement (FY2019-20)

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK PS

Rs. In Lakhs					
Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2019	Expected Discharge in 2019-20	Liability as on 31.03.2020
<b>A. Liability pertains to COD i.e. 01.02.2013</b>					
BHARAT HEAVY ELECTRICALS LTD	LOT-III GPM	COD	655.90	200.00	455.90
<b>Sub-Total (A)</b>			<b>655.90</b>	<b>200.00</b>	<b>455.90</b>
<b>B. Liability pertains to Add Cap -2014-15</b>					
HINDUSTAN CONSTRUCTION CO. LTD	Provision against Arbitration award( only capital portion)	2014-15	879.20	-	879.20
<b>Sub-Total (B)</b>			<b>879.20</b>	<b>-</b>	<b>879.20</b>
<b>C. Liability pertains to Add Cap -2015-16</b>					
TOHA & CO.	Construction of Mechanical Workshop near Switch Yard at Chutak Power Station, Kargil.	2015-16	0.50	0.50	-
M/S TAPAN SOLAR ENERGY PVT. LTD.	OFFGRID (HYBRID) SOLAR POWER PLANT OF CAPACITY 65 KWP COMPLETE IN ALL RESPECT	2015-16	11.69	3.69	8.00
<b>Sub-Total (C)</b>			<b>12.19</b>	<b>4.19</b>	<b>8.00</b>
<b>D. Liability pertains to Add Cap -2016-17</b>					
Mohd Murtaza	Additional work of Colony/office boundary wall	2016-17	0.82	0.42	0.40
VIRTUAL ELECTRONICS COMPANY	PORTABLE SUSPENDED SOLID INDICATOR WITH PC INTERFACE TEST - VIRTUAL ELECTRONICS COMPANY, MODEL: 3150	2016-17	0.24	0.24	-
BHARAT HEAVY ELECTRICALS LIMITED- POWER SECTOR SPARE & SERVICES BUSINESS GROUP	THRUST COLLAR BHEL DRG NO. 12540127603	2016-17	0.29	0.29	-
BHARAT HEAVY ELECTRICALS LIMITED- POWER SECTOR SPARE & SERVICES BUSINESS GROUP	AUTO SYNCHRONISER -(SIEMENS) 69202ASYNA 7VE2146-1 :ED7470400125	2016-17	0.60	0.60	-

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Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2019	Expected Discharge in 2019-20	Liability as on 31.03.2020
SIYARAM ELECTRICALS	BATTERY 24V, 60AH WITH BATTERY	2016-17	0.15	0.15	-
<b>Sub-Total (D)</b>			<b>2.10</b>	<b>1.70</b>	<b>0.40</b>
<b>E. Liability pertains to Add Cap -2017-18</b>					
MOHD. MURTAZA	Construction of Over head tank and laying of main water supply line for office & field hostels	2017-18	2.40	2.40	-
MOHAMMAD HUSSAIN	Providing and Fixing of Chequer Plate on Cable Trench in Power House and Switch Yard and erection of gate at zero point of approach road to Barrage of Chutak Power Station, Minji, Kargil.	2017-18	1.39	1.39	-
BHOPAL ORTHOGRAPHIC ENGG. PVT. LTD.	Supply for PH	2017-18	0.54	0.54	-
MATRIX ENTERPRISES	SEWAGE TREATMENT PLANT	2017-18	10.50	3.00	7.50
BHARAT HEAVY ELECTRICALS LIMITED, HSS, BHOPAL	E&M part	2017-18	1.91	0.91	1.00
BHARAT HEAVY ELECTRICALS LIMITED, HSS, BHOPAL	TGB OIL COOLER	2017-18	1.12	0.60	0.52
<b>Sub-Total (E)</b>			<b>17.86</b>	<b>8.84</b>	<b>9.02</b>
<b>F. Liability pertains to Add Cap -2018-19</b>					
MOHAMMAD HUSSAIN	Providing and Fixing of Chequer Plate on Cable Trench in Power House and Switch Yard and erection of gate at zero point of approach road to Barrage of Chutak Power Station, Minji, Kargil.	2018-19	0.22	0.22	-
CHAMRAN TRADING CONSTRUCTION	Construction of cable trench and foundation for Standby 5MVA Transformer at Switch Yard of Chutak Power Station, Minji	2018-19	2.10	0.60	1.50
CHAMRAN TRADING CONSTRUCTION	Construction of Training Hall at Chutak Power station, Minji, Kargil.	2018-19	7.59	2.59	5.00
TOHA & CO.	Construction of overhead tank for new FH at store Complex at Chutak Power Station , Minji, kargil	2018-19	6.24	2.24	4.00
CHAMRAN TRADING CONSTRUCTION	P/L Cement concrete & Protection works on road near newly constructed FH at Store Complex	2018-19	0.33	0.33	-

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Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2019	Expected Discharge in 2019-20	Liability as on 31.03.2020
TOHA & CO.	Providing & Fixing of wooden paneling, Insulation work along with out side painting work for Field Hostel No. VI	2018-19	1.64	0.65	0.99
<b>Sub-Total (F)</b>			<b>18.12</b>	<b>6.63</b>	<b>11.49</b>
<b>Total (A+B+C+D+E)</b>			<b>1,585.37</b>	<b>221.36</b>	<b>1,364.01</b>

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

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## Liability Flow Statement (FY2020-21)

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK PS

Rs. In Lakhs

Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2020	Expected Discharge in 2020-21	Liability as on 31.03.2021
<b>A. Liability pertains to COD i.e. 01.02.2013</b>					
BHARAT HEAVY ELECTRICALS LTD	LOT-III GPM	COD	455.90	200.00	255.90
<b>Sub-Total (A)</b>			<b>455.90</b>	<b>200.00</b>	<b>255.90</b>
<b>B. Liability pertains to Add Cap -2014-15</b>					
HINDUSTAN CONSTRUCTION CO. LTD	Provision against Arbitration award( only capital portion)	2014-15	879.20	-	879.20
<b>Sub-Total (B)</b>			<b>879.20</b>	<b>-</b>	<b>879.20</b>
<b>C. Liability pertains to Add Cap -2015-16</b>					
M/S TAPAN SOLAR ENERGY PVT. LTD.	OFFGRID (HYBRID) SOLAR POWER PLANT OF CAPACITY 65 KWP COMPLETE IN ALL RESPECT	2015-16	8.00	3.00	5.00
<b>Sub-Total (C)</b>			<b>8.00</b>	<b>3.00</b>	<b>5.00</b>
<b>D. Liability pertains to Add Cap -2016-17</b>					
Mohd Murtaza	Additional work of Colony/office boundary wall	2016-17	0.40	0.40	-
<b>Sub-Total (D)</b>			<b>0.40</b>	<b>0.40</b>	<b>-</b>
<b>E. Liability pertains to Add Cap -2017-18</b>					
MATRIX ENTERPRISES	SEWAGE TREATMENT PLANT	2017-18	7.50	2.50	5.00
BHARAT HEAVY ELECTRICALS LIMITED, HSS, BHOPAL	E&M part	2017-18	1.00	0.50	0.50
BHARAT HEAVY ELECTRICALS LIMITED, HSS, BHOPAL	TGB OIL COOLER	2017-18	0.52	-	0.52
<b>Sub-Total (E)</b>			<b>9.02</b>	<b>3.00</b>	<b>6.02</b>
<b>F. Liability pertains to Add Cap -2018-19</b>					

Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2020	Expected Discharge in 2020-21	Liability as on 31.03.2021
CHAMRAN TRADING CONSTRUCTION	Construction of cable trench and foundation for Standby 5MVA Transformer at Switch Yard of Chutak Power Station, Minji	2018-19	1.50	0.50	1.00
CHAMRAN TRADING CONSTRUCTION	Construction of Training Hall at Chutak Power station, Minji, Kargil.	2018-19	5.00	2.00	3.00
TOHA & CO.	Construction of overhead tank for new FH at store Complex at Chutak Power Station , Minji, kargil	2018-19	4.00	2.00	2.00
TOHA & CO.	Providing & Fixing of wooden paneling, Insulation work along with out side painting work for Field Hostel No. VI	2018-19	0.99	0.99	-
<b>Sub-Total (F)</b>			<b>11.49</b>	<b>5.49</b>	<b>6.00</b>
<b>Total (A+B+C+D+E)</b>			<b>1,364.01</b>	<b>211.89</b>	<b>1,152.12</b>

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

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## Liability Flow Statement (FY2021-22)

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK PS

Rs. In Lakhs

Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2021	Expected Discharge in 2021-22	Liability as on 31.03.2022
<b>A. Liability pertains to COD i.e. 01.02.2013</b>					
BHARAT HEAVY ELECTRICALS LTD	LOT-III GPM	COD	255.90	200	55.90
<b>Sub-Total (A)</b>			<b>255.90</b>	<b>200.00</b>	<b>55.90</b>
<b>B. Liability pertains to Add Cap -2014-15</b>					
HINDUSTAN CONSTRUCTION CO. LTD	Provision against Arbitration award( only capital portion)	2014-15	879.20	879	-
<b>Sub-Total (B)</b>			<b>879.20</b>	<b>879.20</b>	<b>-</b>
<b>C. Liability pertains to Add Cap -2015-16</b>					
M/S TAPAN SOLAR ENERGY PVT. LTD.	OFFGRID (HYBRID) SOLAR POWER PLANT OF CAPACITY 65 KWP COMPLETE IN ALL RESPECT	2015-16	5.00	2.00	3.00
<b>Sub-Total (C)</b>			<b>5.00</b>	<b>2.00</b>	<b>3.00</b>
<b>D. Liability pertains to Add Cap -2016-17</b>					
Mohd Murtaza	Additional work of Colony/office boundary wall	2016-17	-	-	-
<b>Sub-Total (D)</b>			<b>-</b>	<b>-</b>	<b>-</b>
<b>E. Liability pertains to Add Cap -2017-18</b>					
MATRIX ENTERPRISES	SEWAGE TREATMENT PLANT	2017-18	5.00	2.00	3.00
BHARAT HEAVY ELECTRICALS LIMITED, HSS, BHOPAL	E&M part	2017-18	0.50	0.50	-
BHARAT HEAVY ELECTRICALS LIMITED, HSS, BHOPAL	TGB OIL COOLER	2017-18	0.52	0.52	-
<b>Sub-Total (E)</b>			<b>6.02</b>	<b>3.02</b>	<b>3.00</b>
<b>F. Liability pertains to Add Cap -2018-19</b>					

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Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2021	Expected Discharge in 2021-22	Liability as on 31.03.2022
CHAMRAN TRADING CONSTRUCTION	Construction of cable trench and foundation for Standby 5MVA Transformer at Switch Yard of Chutak Power Station, Minji	2018-19	1.00	1.00	-
CHAMRAN TRADING CONSTRUCTION	Construction of Training Hall at Chutak Power station, Minji, Kargil.	2018-19	3.00	1.00	2.00
TOHA & CO.	Construction of overhead tank for new FH at store Complex at Chutak Power Station , Minji,kargil	2018-19	2.00	1.00	1.00
<b>Sub-Total (F)</b>			<b>6.00</b>	<b>3.00</b>	<b>3.00</b>
<b>Total (A+B+C+D+E)</b>			<b>1,152.12</b>	<b>1,087.22</b>	<b>64.90</b>

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

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## Liability Flow Statement (FY2022-23)

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK PS

Rs. In Lakhs

Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2022	Expected Discharge in 2022-23	Liability as on 31.03.2023
<b>A. Liability pertains to COD i.e. 01.02.2013</b>					
BHARAT HEAVY ELECTRICALS LTD	LOT-III GPM	COD	55.90	55.9	-
<b>Sub-Total (A)</b>			<b>55.90</b>	<b>55.90</b>	<b>-</b>
<b>B. Liability pertains to Add Cap -2014-15</b>					
HINDUSTAN CONSTRUCTION CO. LTD	Provision against Arbitration award( only capital portion)	2014-15	-	-	-
<b>Sub-Total (B)</b>			<b>-</b>	<b>-</b>	<b>-</b>
<b>C. Liability pertains to Add Cap -2015-16</b>					
M/S TAPAN SOLAR ENERGY PVT. LTD.	OFFGRID (HYBRID) SOLAR POWER PLANT OF CAPACITY 65 KWP COMPLETE IN ALL RESPECT	2015-16	3.00	2.00	1.00
<b>Sub-Total (C)</b>			<b>3.00</b>	<b>2.00</b>	<b>1.00</b>
<b>D. Liability pertains to Add Cap -2016-17</b>					
Mohd Murtaza	Additional work of Colony/office boundary wall	2016-17	-	-	-
<b>Sub-Total (D)</b>			<b>-</b>	<b>-</b>	<b>-</b>
<b>E. Liability pertains to Add Cap -2017-18</b>					
MATRIX ENTERPRISES	SEWAGE TREATMENT PLANT	2017-18	3.00	1.00	2.00
<b>Sub-Total (E)</b>			<b>3.00</b>	<b>1.00</b>	<b>2.00</b>
<b>F. Liability pertains to Add Cap -2018-19</b>					
CHAMRAN TRADING CONSTRUCTION	Construction of Training Hall at Chutak Power station, Minji, Kargil.	2018-19	2.00	1.00	1.00

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Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2022	Expected Discharge in 2022-23	Liability as on 31.03.2023
TOHA & CO.	Construction of overhead tank for new FH at store Complex at Chutak Power Station , Minji, kargil	2018-19	1.00	1.00	-
<b>Sub-Total (F)</b>			<b>3.00</b>	<b>2.00</b>	<b>1.00</b>
<b>Total (A+B+C+D+E)</b>			<b>64.90</b>	<b>60.90</b>	<b>4.00</b>

For Arora Vohra & Co.  
Chartered Accountants




For NHPC Limited



(M G Gokhale)  
General Manager (Comml.)

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## Liability Flow Statement (FY2023-24)

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : CHUTAK PS

Rs. In Lakhs

Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2023	Expected Discharge in 2023-24	Liability as on 31.03.2024
<b>A. Liability pertains to COD i.e. 01.02.2013</b>					
BHARAT HEAVY ELECTRICALS LTD	LOT-III GPM	COD	-	-	-
<b>Sub-Total (A)</b>			-	-	-
<b>B. Liability pertains to Add Cap -2014-15</b>					
HINDUSTAN CONSTRUCTION CO. LTD	Provision against Arbitration award( only capital portion)	2014-15	-	-	-
<b>Sub-Total (B)</b>			-	-	-
<b>C. Liability pertains to Add Cap -2015-16</b>					
M/S TAPAN SOLAR ENERGY PVT. LTD.	OFFGRID (HYBRID) SOLAR POWER PLANT OF CAPACITY 65 KWP COMPLETE IN ALL RESPECT	2015-16	1.00	1.00	-
<b>Sub-Total (C)</b>			1.00	1.00	-
<b>D. Liability pertains to Add Cap -2016-17</b>					
Mohd Murtaza	Additional work of Colony/office boundary wall	2016-17	-	-	-
<b>Sub-Total (D)</b>			-	-	-
<b>E. Liability pertains to Add Cap -2017-18</b>					
MATRIX ENTERPRISES	SEWAGE TREATMENT PLANT	2017-18	2.00	2.00	-
<b>Sub-Total (E)</b>			2.00	2.00	-
<b>F. Liability pertains to Add Cap -2018-19</b>					
CHAMRAN TRADING CONSTRUCTION	Construction of Training Hall at Chutak Power station, Minji, Kargil.	2018-19	1.00	1	-
<b>Sub-Total (F)</b>			1.00	1.00	-
<b>Total (A+B+C+D+E)</b>			4.00	4.00	-

For Arora Vohra & Co.  
Chartered Accountants



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For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

**Operation and maintenance Expense**

Name of the Petitioner : NHPC Limited  
 Name of the Generating Chutak Power Station

In case of hydro generating stations declared under commercial on or after 1.4.2019

Total capital expenditure up to cutoff date(a)	<b>Not Applicable</b>
R& R Expenditure (b)	
IDC & IEDC (c)	
Capital cost considered for O&M expense (d)=(a)-(b)-( c)	
First year annualize O&M expenses @ 3.5% of above ( e)=3.50% of ( d)	
O&M expense for next year @ 4.77% of above ( f) = 4.77% of ( e )	
Additional O&M expenses due to 7th Pay Commission wage Revision	
Additional O&M expenses due to Minimum wage Revision	
Additional O&M expenses due to Goods and Service Tax (GST)	

**Note:** Additional O&M expenses with supporting documents and computations to be provided for respective years of Tariff Period

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comm.)

Operation and maintenance Expense for Existing Generating Stations

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Chutak Power Station

(Amount in Lakh)

Description/Year	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
O&M expense allowed as regulation 35(2)(a) of CERC Tariff Regulations'2019		3536.67	3705.25	3881.86	4066.89	4260.74
Additional O&M expenses due to 7th Pay Commission wage Revision - 3 <sup>rd</sup> PRC applicable for CPSUs.	380.09	398.22	417.21	437.11	457.96	479.81
Additional O&M expenses due to Goods and Service Tax (GST)	107.96	113.11	118.50	124.16	130.08	136.28
<b>Total O&amp;M Expences</b>		<b>4047.99</b>	<b>4240.96</b>	<b>4443.13</b>	<b>4654.93</b>	<b>4876.83</b>
Security Expences (estimated)	368.98	386.58	405.02	424.34	444.58	465.78

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comm.)

Details of Statutory Charges (If applicable)

Name of the Petitioner: NHPC Limited

Name of the Generating Stations: Chutak Power Station

Particulars	Unit Rate	No of Units	Amount Claimed
1	2	3	4
Electricity Duty	Not Applicable		
Water Cess / <i>Water Utilization Charges</i>	As per Jammu & Kashmir State Water Resources Regulatory Authority order no. 39/JKSWRRA of 2019 dated 02.04.2019, the water cess is levied to the projects located in J&K. The same is recoverable from the beneficiaries in line with Regulation 44(10) of CERC Tariff Regulations, 2019. The details of the same will be submitted at the time of truing up of tariff.		

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

# **ANNEX-III**

Summary of issue involved in the petition						
1	Petitioner: NHPC Limited					
2	<b>Subject:</b> Petition under 79(1) & 86 of the CERC (Conduct of Business), Regulations, 1999, Section 62(1)(a) of the Electricity Act, 2003 and Regulation 9(2), 10(1), 12, 25, 26 & 35 (2) of CERC (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for the period 2019-24 in respect of <u>Chutak Power Station</u> .					
3	<p>Prayer:</p> <ol style="list-style-type: none"> <li>Tariff of Chutak Power Station for the period 01.04.2019 to 31.03.2024 may be determined under Section 62(1) (a) of the Electricity Act, 2003 read with regulation-9(2) of the Central Electricity Regulatory Commission (Terms &amp; Conditions of Tariff) Regulations, 2019 issued on 07.03.2019.</li> <li>Allow the net additional capitalization for the period 2019-24 as claimed in para-5 (Part-B) of petition.</li> <li>Allow the additional capitalization (spill over of items from 2014-19 period) during 2019-24 tariff period as claimed in para-6 (Part-B) of petition.</li> <li>To allow the impact of wage revision and GST as additional O&amp;M expenses as mentioned in para-8 (d) (Part-B) of petition.</li> <li>To allow the estimated security expenses separately to be recovered from beneficiaries during 2019-24 as mentioned in para 8(d) (Part-B) of petition.</li> <li>The Annual Fixed Charges (AFC) of Chutak Power Station for the period 2019-24 has been worked out as ₹15589.49 lakh, ₹15721.30 lakh, ₹15907.02 lakh, ₹16067.00 lakh &amp; ₹ 16128.77 lakh for the FY 2019-20, 2020-21, 2021-22, 2022-23, &amp; 2023-24 respectively, as mentioned in para-9 (Part-B) of Petition. The difference between the claimed AFC and that allowed by CERC vide order dated 19.04.2017 (for the period 2018-19) may be allowed to be recovered / refunded from / to the respondents in the manner specified in Regulation 10(7) of CERC (Terms &amp; Conditions of Tariff) Regulations, 2019 and its subsequent amendments.</li> <li>Allow additional capital expenditure on account of acquiring the minor items or the assets including tools and tackles at the time of truing up of tariff as mentioned in para-10 (Part-B) of petition.</li> <li>Extend the benefit of deemed generation to ensure full recovery of energy charges till the time full load is made available by the respondent as mentioned in para-11 (Part-B) of petition.</li> <li>Allow normative auxiliary consumption upto 5.75% for the tariff period 2019-24 considering the location of the plant &amp; extreme weather conditions as mentioned in para-12 (Part-B) of petition.</li> <li>Allow reimbursement of filing fee of this petition as mentioned in para-13 (Part-B) of petition.</li> <li>Allow reimbursement of expenses incurred on publication of notices in the application of tariff for the period 2019-24 as mentioned in para-14 (Part-B) of petition.</li> <li>NHPC may be allowed to bill the Respondent for levies, taxes, duties, cess, charges, fee etc. if any, as mentioned in para-15 to 17 (Part-B) above of petition.</li> <li>NHPC may be allowed to raise bills to the respondents as and when payment of water usage charges are made to the UT of J&amp;K as mentioned para-18 (Part-B) above of petition.</li> <li>Pass such other and further order / orders as are deemed fit and proper in the facts and circumstances of the case.</li> </ol>					
4	<b>Respondents</b>					
	<b>Name of Respondents:</b>					
	1	Power Development Department- Jammu & Kashmir				
5	<b>Project Scope</b>	IC	44 MW			
		DE	212.93 MU			
		FEHS	12%			
		AUX	upto 5%			
		NAPAF	50%			
	<b>Cost</b>	Sanction Cost	Rs. 893.76 Crs			
		Latest RCE	RCE approved by Gol dated 17.08.2015			
	<b>Commissioning</b>	Unit/Station COD	01.02.2013			
<b>Claim</b>						
		2019-20	2020-21	2021-22	2022-23	2023-24
	<b>AFC (Rs in lakh)</b>	15,589.49	15,721.30	15,907.02	16,067.00	16,128.77
	<b>Capital cost (Rs in lakh)</b>	93,738.87	94,793.13	96,163.09	96,448.99	96,597.99
	<b>Initial Spare</b>					
	<b>NAPAF</b>	50.00%				
	<b>Design Energy</b>	212.93 MU				
	<b>Any Specific</b>					

For NHPC Limited



(M G Gokhale)  
General Manager (Comml.)

**CENTRAL ELECTRICITY REGULATORY COMMISSION  
NEW DELHI**

**Petition No. 252/GT/2014**

**Coram:**

**Shri Gireesh. B. Pradhan, Chairperson  
Shri A.S. Bakshi, Member  
Dr. M.K. Iyer, Member**

**Date of Order : 19.4.2017**

**In the matter of**

Corrigendum to the order dated 29.3.2017 in Petition No. 252/GT/2014

**In the matter of**

Approval of generation tariff of Chutak Power Station (4x11MW) for the period 2014-19.

**And in the matter of**

NHPC Ltd  
NHPC Office Complex,  
Sector-33 Faridabad-121003  
Haryana

**...Petitioner**

Vs

Power Development Department,  
Govt. of J&K

**...Respondents**

**Corrigendum**

The petitioner, NHPC, has filed this petition for approval of generation tariff in respect of Chutak Power Station (4x11MW) ('the generating station') for the period 2014-19. The Commission vide order dated 29.3.2017 in Petition No. 252/GT/2014 had approved the tariff of Chutak Power Station (4x11MW) for the period 2014-19.as under:

	<i>(₹in lakh)</i>				
	<b>2014-15</b>	<b>2015-16</b>	<b>2016-17</b>	<b>2017-18</b>	<b>2018-19</b>
Depreciation	4422.26	4486.48	4486.48	4486.48	4486.48



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	2014-15	2015-16	2016-17	2017-18	2018-19
Interest on Loan	1923.36	1745.18	1527.94	1323.22	1144.59
Return on Equity	5185.60	5260.91	5260.91	5260.91	5260.91
Interest on Working Capital	373.73	380.03	382.70	386.17	390.78
O&M Expenses	1960.57	2090.76	2229.58	2377.63	2535.50
<b>Total</b>	<b>13865.52</b>	<b>13963.36</b>	<b>13887.61</b>	<b>13834.41</b>	<b>13818.26</b>

2. It is observed that certain arithmetical / clerical error had crept in the Order dated 29.3.2017 as regards the calculation of normative IDC, to the effect that the normative IDC of ₹4965.00 lakh was inadvertently considered as ₹50.00 lakh. This error has been rectified and the normative IDC of ₹4965.00 lakh has been considered. Based on this, the completion cost of the said project works out to ₹94206.00 lakh (89376 lakh + 4965 lakh - 135 lakh) instead of ₹89425.65 lakh as considered in order dated 29.3.2017. Based on the completion cost of ₹94206.00 lakh, the projected additional capital expenditure which has been restricted to ₹2560.19 lakh in order dated 29.3.2017 has been rectified as ₹7124.42 lakh including discharge of liabilities and allowed in exercise of Power under Regulation 103A of the CERC (Conduct of Business) Regulations, 1999 and the annual fixed charges as determined in order dated 29.3.2017 is modified and stated in the subsequent paragraphs.

3. Accordingly, the table under para13 of the order dated 29.3.2017 is rectified as under:

	(₹ in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
Opening Capital cost	86865.46	91998.17	93989.88	93989.88	93989.88
Additional Capital expenditure allowed	5132.71	1991.71	0.00	0.00	0.00
Capital cost as on 31 march of the year	91998.17	93989.88	93989.88	93989.88	93989.88

#### Debt: Equity

4. The table under para16 of the order dated 29.3.2017 modified as under:





(₹ in lakh)

	As on 1.4.2014		Net Additional Capitalisation during 2014-19		As on 31.3.2019	
	Amount	%	Amount	%	Amount	%
Debt	60805.82	70%	4987.09	70%	65792.92	70%
Equity	26059.64	30%	2137.33	30%	28196.96	30%
<b>Total</b>	<b>86865.46</b>	<b>100%</b>	<b>7124.42</b>	<b>100%</b>	<b>93989.88</b>	<b>100%</b>

### Return on Equity

5. The table under para 19 of the order dated 29.3.2017 modified as under:

(₹ in lakh)

	2014-15	2015-16	2016-17	2017-18	2018-19
Normative Equity- Opening	26059.64	27599.45	28196.96	28196.96	28196.96
Addition of Equity due to additional capital expenditure	1539.81	597.51	0.00	0.00	0.00
Normative Equity-Closing	27599.45	28196.96	28196.96	28196.96	28196.96
Average Normative Equity	26829.54	27898.21	28196.96	28196.96	28196.96
Return on Equity (Base Rate)	15.50%	15.50%	15.50%	15.50%	15.50%
Tax Rate for the year	20.960%	20.960%	20.960%	20.960%	20.960%
Rate of Return on Equity (Pre Tax)	19.610%	19.610%	19.610%	19.610%	19.610%
<b>Return on Equity</b>	<b>5261.27</b>	<b>5470.84</b>	<b>5529.42</b>	<b>5529.42</b>	<b>5529.42</b>

### Interest on Loan

6. The table under para22 of the order dated 29.3.2017 modified as under:

(₹ in lakh)

	2014-15	2015-16	2016-17	2017-18	2018-19
Gross opening loan	60805.82	64398.72	65792.92	65792.92	65792.92
Cumulative repayment of loan upto previous year	5479.10	9965.89	14631.39	19346.86	24062.33
Net Loan Opening	55326.72	54432.83	51161.52	46446.06	41730.59
Addition due to additional capital expenditure	3592.90	1394.20	0.00	0.00	0.00
Repayment of loan during the year	4486.79	4665.50	4715.47	4715.47	4715.47
Net Loan Closing	54432.83	51161.52	46446.06	41730.59	37015.13
Average Loan	54879.77	52797.18	48803.79	44088.32	39372.86
Weighted Average Rate of Interest of loan	3.561%	3.459%	3.324%	3.190%	3.094%
<b>Interest on Loan</b>	<b>1954.27</b>	<b>1826.25</b>	<b>1622.24</b>	<b>1406.42</b>	<b>1218.20</b>



## Depreciation

7. The table under para 24 of the order dated 29.3.2017 modified as under:

	(₹ in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
Gross block as on 31.3.2014	86865.46	91998.17	93989.88	93989.88	93989.88
Additional capitalization during 2014-19	5132.71	1991.71	0.00	0.00	0.00
Closing Gross block	91998.17	93989.88	93989.88	93989.88	93989.88
Average gross block	89431.81	92994.02	93989.88	93989.88	93989.88
Rate of Depreciation	5.017%	5.017%	5.017%	5.017%	5.017%
Depreciable Value	80488.63	83694.62	84590.89	84590.89	84590.89
Remaining Depreciable Value	75009.53	73729.39	69960.16	65244.69	60529.23
<b>Depreciation</b>	<b>4486.79</b>	<b>4665.50</b>	<b>4715.47</b>	<b>4715.47</b>	<b>4715.47</b>

## O & M Expenses

8. The table under para 26 of the order dated 29.3.2017 modified as under:

	(₹ in lakh)		
	29.11.2012 to 31.1.2013	1.2.2013 to 31.3.2013	FY 2013-14
	3 Units (Pro-rata)	4 Units (pro-rata)	4 Units
Allowed Project cost	70,492.41	93,989.88	
Less: R&R cost	146.63	195.50	
Capital cost for the purpose of O&M	70,345.78	93,794.38	
Annualised O&M expenses @ 2% of capital cost	1,406.92	1,875.89	1,983.19*
<b>O&amp;M expenses (Pro rata)</b>	<b>246.69</b>	<b>303.23</b>	<b>1,983.19</b>

\*After escalation of annualised O&M expenses of FY 2012-13 (₹1875.89 Lakh) at the rate of 5.72%

9. The table under para 29 of the order dated 29.3.2017 modified as under:

(₹ in lakh)	
Complete capital cost allowed by the Commission	93,989.88
Less: R&R cost submitted by the petitioner	195.5
<b>Capital cost for the purpose of O&amp;M</b>	<b>93794.38</b>

(₹ in lakh)	
FY 2012-13	Amount
O&M Expenses (@ 2% of ₹93794.38 lakh (N1))	1875.89
<b>FY 2013-14</b>	
O&M Expenses (Escalated @6.04 % of O&M Expenses of 2012-13) (N2)	1989.19
<b>O&amp;M Expenses @ 2013-14 Price Level (N=(N1+N2)/2)</b>	<b>1932.54</b>



(₹ in lakh)

	29.11.2012 to 31.1.2013	1.2.2013 to 31.3.2013	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
<b>O&amp;M expenses</b>	246.69	303.23	1,983.19	2060.86	2197.70	2343.63	2499.25	2665.20

### Interest on Working Capital

10. The table under para 30 of the order dated 29.3.2017 modified as under:

(₹ in lakh)

	29.11.2012 31.1.2013	to	1.2.2013 31.3.2013	to	FY 2013-14
	2 Units (Pro-rata)		3 Units (pro-rata)		4 Units
O & M expenses- 1 Month	20.56		25.27		165.2657
Maintenance Spares	37.00		45.48		297.48
Receivables- 2 months	255.55		357.44		2,287.94
<b>Total Working Capital</b>	<b>313.11</b>		<b>428.20</b>		<b>2750.68</b>
Rate of Interest	13.50%		13.50%		13.50%
<b>Interest on Working Capital</b>	<b>42.27</b>		<b>57.81</b>		<b>371.34</b>

### Interest on Working Capital (2014-19)

#### Receivables

11. The table under para 32 of the order dated 29.3.2017 modified as under:

(₹ in lakh)

2014-15	2015-16	2016-17	2017-18	2018-19
2357.73	2426.18	2435.56	2426.13	2423.23

#### Maintenance Spares

12. The table under para 33 of the order dated 29.3.2017 modified as under:

(₹ in lakh)

2014-15	2015-16	2016-17	2017-18	2018-19
309.13	329.66	351.54	374.89	399.78

#### O & M Expense

13. The table under para 34 of the order dated 29.3.2017 modified as under:

(₹ in lakh)

2014-15	2015-16	2016-17	2017-18	2018-19
171.74	183.14	195.30	208.27	222.10



### Interest on Working Capital (2014-19)

14. The table under para 37 of the order dated 29.3.2017 modified as under:

	(₹ in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
O & M expenses- 1 Month	171.74	183.14	195.30	208.27	222.10
Maintenance Spares	309.13	329.66	351.54	374.89	399.78
Receivables- 2 months	2357.73	2426.18	2435.56	2426.13	2423.23
Total Working Capital	2838.60	2938.97	2982.41	3009.29	3045.11
Rate of Interest	13.50%	13.50%	13.50%	13.50%	13.50%
<b>Interest on Working Capital</b>	<b>383.21</b>	<b>396.76</b>	<b>402.63</b>	<b>406.25</b>	<b>411.09</b>

### Annual Fixed Charges (29.11.2012 to 31.3.2014)

15. Based on above the annual fixed charges determined by order dated 29.3.2017 for the period 2012-14 and 2014-19 stands modified as under:-

	(₹ in lakh)		
	29.11.2012 to 31.1.2013 (3 Units) (Pro-rata)	1.2.2013 to 31.3.2013 (4 Units) (Pro-rata)	2013-14 (4 Units)
Depreciation	524.35	669.78	4284.97
Interest on Loan	111.27	335.59	2054.82
Return on Equity	608.73	778.26	5033.29
Interest on Working Capital	42.27	57.81	371.34
O&M Expenses	246.69	303.23	1983.19
<b>Total</b>	<b>1533.32</b>	<b>2144.67</b>	<b>13727.61</b>

### 2014-19

	(₹ in lakh)				
Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
Depreciation	4486.79	4665.50	4715.47	4715.47	4715.47
Interest on Loan	1954.27	1826.25	1622.24	1406.42	1218.20
Return on Equity	5261.27	5470.84	5529.42	5529.42	5529.42
Interest on Working Capital	383.21	396.76	402.63	406.25	411.09
O&M Expenses	2060.86	2197.70	2343.63	2499.25	2665.20
<b>Total</b>	<b>14146.40</b>	<b>14557.06</b>	<b>14613.38</b>	<b>14556.81</b>	<b>14539.37</b>

16. All other conditions in order dated 29.3.2017 shall remain unchanged.

Sd/-  
(Dr. M.K. Iyer)  
Member

Sd/-  
(A.S Bakshi)  
Member

Sd/-  
(Gireesh B. Pradhan)  
Chairperson



**CENTRAL ELECTRICITY REGULATORY COMMISSION  
NEW DELHI**

**Petition No. 252/GT/2014**

**Coram:**

**Shri Gireesh. B. Pradhan, Chairperson  
Shri A.S. Bakshi, Member  
Dr. M.K. Iyer, Member**

**Date of Order : 29.3.2017**

**In the matter of:**

Approval of generation tariff of Chutak Power Station (4x11MW) for the period 2014-19.

**And in the matter of:**

NHPC Ltd NHPC Office Complex,  
Sector-33 Faridabad-121003 Haryana

**...Petitioner**

**Vs**

Power Development Department of Govt. of J&K

**...Respondents**

**Parties present:**

**For Petitioner:** Shri Piyush Kumar, NHPC  
Shri Naresh Bansal, NHPC  
Shri A.K. Pandey, NHPC  
Shri Jitendra Kumar Jha, NHPC

**For Respondents:** None



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## ORDER

This petition has been filed by the petitioner, NHPC Ltd., for determination of tariff of Chutak Power Station (4x11MW) ("the generating station"), for the period 2014-19 in accordance with the provisions of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 ("the 2014 Tariff Regulations").

2. The generating station with a total capacity of 44 MW comprises of four units of 11 MW each. The dates of commercial operation of units of the generating station are given below:

Unit I	29.11.2012
Unit II	29.11.2012
Unit III	29.11.2012
Unit IV	1.2.2013

3. The Commission vide order dated 21.3.2017 in Petition No. 190/GT/2015 had revised the Capital Cost and Annual Fixed Charges of the generating station for the period 2012-14 after truing up exercise in terms of Regulation 6(1) of the 2009 Tariff Regulations as summarized under.

### Capital Cost

	(₹ in lakh)		
	29.11.2012 to 31.1.2013 (3 Units)	1.2.2013 to 31.3.2013 (4 Units)	2013-14 (4 Units)
Opening Capital cost	59721.34	81401.35	84247.63
Additional capital expenditure	0.00	2846.28	2617.83
<b>Closing capital cost</b>	59721.34	84247.63	86865.46
Average Capital cost	59721.34	82824.49	85556.54



### Annual Fixed Charges

(₹ in lakh)

	29.11.2012 to 31.1.2013	1.2.2013 to 31.3.2013	2013-14
	(3 Units) (Prorata)	(4 Units) (Prorata)	(4 Units)
Depreciation	524.35	669.78	4284.97
Interest on Loan	111.27	335.59	2054.82
Return on Equity	608.73	778.26	5033.29
Interest on Working Capital	40.18	56.53	363.02
O&M Expenses	208.92	280.19	1832.55
<b>Total</b>	<b>1493.46</b>	<b>2120.36</b>	<b>13568.65</b>

4. Before proceeding with the determination of tariff for the period 2014-19, we notice that the Commission in its order dated 21.3.2017 in Petition No. 190/GT/2015 had considered the capital cost of ₹86865.46 lakh as on 31.3.2014 in absence of actual capital cost as on the cut-off date for the purpose of calculating the O&M expenses for the generating station. As the Commission in this order has approved the capital cost as on cutoff date, we are inclined to revise the O&M expenses and consequently the fixed charges for the period from 29.11.2012 to 31.3.2014 allowed in the Commission's order in Petition No. 190/GT/2015. We do so accordingly in the relevant paragraph of this order.

5. The petitioner has filed the present petition for determination of tariff for Chutak Power Project (4x11 MW) for the period 2014-19 in accordance with the provisions of the 2014 Tariff Regulations. The capital cost and the annual fixed charges claimed by the petitioner for the period 2014-19 are as under:



### Capital Cost

Particulars	(₹ in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
Opening Capital Cost	87000.46	92133.17	94124.88	94124.88	94124.88
Addition during the year / period	2595.49	1991.71	0.00	0.00	0.00
Discharges during the year / period	2537.22	0.00	0.00	0.00	0.00
Net Additional capitalisation during the year	5132.71	1991.71	0.00	0.00	0.00
<b>Closing Capital Cost</b>	<b>92133.17</b>	<b>94124.88</b>	<b>94124.88</b>	<b>94124.88</b>	<b>94124.88</b>
Average Capital Cost	89566.82	93129.03	94124.88	94124.88	94124.88

### Annual Fixed Charges

Particulars	(₹ in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
Depreciation	4493.56	4672.28	4722.24	4722.24	4722.24
Interest on Loan	2873.47	2673.29	2363.03	2034.05	1741.58
Return on Equity	5269.22	5478.78	5537.37	5537.37	5537.37
Interest on Working Capital	404.87	416.77	420.20	421.24	423.69
O&M Expenses	2063.83	2200.86	2347.00	2502.84	2669.03
<b>Total</b>	<b>15104.94</b>	<b>15441.99</b>	<b>15389.84</b>	<b>15217.74</b>	<b>15093.90</b>

6. In response to the directions of the Commission, the petitioner has submitted additional information and has served copies of the same on the respondent. None of the respondents have filed reply to the petition. Based on the submissions and the documents available on record, we proceed to determine the tariff of the generating station for the period 2014-19 as stated in the subsequent paragraphs.

### Capital Cost

7. Clause (1) of Regulation 9 of the 2014 Tariff Regulations provides that the capital cost as determined by the Commission after prudence check in accordance with this regulation shall form the basis of determination of tariff for existing and new projects.

Clause (3) of Regulation 9 provides as under:

- "9(3) The Capital cost of an existing project shall include the following:*
- (a) the capital cost admitted by the Commission prior to 1.4.2014 duly trued up by excluding liability, if any, as on 1.4.2014;*
  - (b) xxxx*
  - (c) xxxx*





8. The annual fixed charges claimed by the petitioner are based on the opening capital expenditure as on 1.4.2014, as ₹87000.46 lakh based on closing capital cost as on 31.3.2014 in true-up petition 190/GT/2015. The Commission has considered the closing capital cost of ₹86865.46 lakh as on 31.3.2014 as approved in the Commission's order in Petition No. 190/GT/2015 as the opening capital cost as on 1.4.2014 for computation of tariff for the period 2014-19.

**Projected Additional capital expenditure during 2014-19**

9. Regulation 14 (3) of the 2014 Tariff Regulations provides as under:

*"14.(3) The capital expenditure, in respect of existing generating station or the transmission system including communication system, incurred or projected to be incurred on the following counts after the cut-off date, may be admitted by the Commission, subject to prudence check:*

*(i) Liabilities to meet award of arbitration or for compliance of the order or decree of a court of law;*

*(ii) Change in law or compliance of any existing law;*

*(iii) Any expenses to be incurred on account of need for higher security and safety of the plant as advised or directed by appropriate Government Agencies of statutory authorities responsible for national security/internal security;*

*(iv) Deferred works relating to ash pond or ash handling system in the original scope of work;*

*(v) Any liability for works executed prior to the cut-off date, after prudence check of the details of such un-discharged liability, total estimated cost of package, reasons for such withholding of payment and release of such payments etc.;*

*(vi) Any liability for works admitted by the Commission after the cut-off date to the extent of discharge of such liabilities by actual payments;*

*(vii) Any additional capital expenditure which has become necessary for efficient operation of generating station other than coal / lignite based stations or transmission system as the case may be. The claim shall be substantiated with the technical justification duly supported by the documentary evidence like test results carried out by an independent agency in case of deterioration of assets, report of an independent agency in case of damage caused by natural calamities, obsolescence of technology, up-gradation of capacity for the technical reason such as increase in fault level;*



(viii) In case of hydro generating stations, any expenditure which has become necessary on account of damage caused by natural calamities (but not due to flooding of power house attributable to the negligence of the generating company) and due to geological reasons after adjusting the proceeds from any insurance scheme, and expenditure incurred due to any additional work which has become necessary for successful and efficient plant operation;

(ix) In case of transmission system, any additional expenditure on items such as relays, control and instrumentation, computer system, power line carrier communication, DC batteries, replacement due to obsolesce of technology, replacement of switchyard equipment due to increase of fault level, tower strengthening, communication equipment, emergency restoration system, insulators cleaning infrastructure, replacement of porcelain insulator with polymer insulators, replacement of damaged equipment not covered by insurance and any other expenditure which has become necessary for successful and efficient operation of transmission system; and

(x) Any capital expenditure found justified after prudence check necessitated on account of modifications required or done in fuel receiving system arising due to non-materialization of coal supply corresponding to full coal linkage in respect of thermal generating station as result of circumstances not within the control of the generating station:

Provided that any expenditure on acquiring the minor items or the assets including tools and tackles, furniture, air-conditioners, voltage stabilizers, refrigerators, coolers, computers, fans, washing machines, heat convectors, mattresses, carpets etc. brought after the cut-off date shall not be considered for additional capitalization for determination of tariff w.e.f. 1.4.2014:

.....

10. The break-up of the projected additional capital expenditure claimed during 2014-19 is as under:

(₹ in lakh)

	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Addition during the year / period	2595.49	1991.71	0.00	0.00	0.00	4587.20
Discharges during the year / period	2537.22	0.00	0.00	0.00	0.00	2537.22
<b>Net Additional capitalisation during the year</b>	<b>5132.71</b>	<b>1991.71</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7124.42</b>

11. The details of the additional capital expenditure claimed by the Petitioner is shown under:



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2014-15

(₹ in lakh)

Sl. No.	Assets/Works	Actual Capitalisation	Regulation under which claim is made	Justification
1	Land – Leasehold and Right of use	32.00	Regulation 14 (1)(ii)	Within original scope under revised cost estimates
2	Roads and Bridges (other than Kutcha Road)	108.00		
3	Buildings-Others	523.77		
4	Dam and Barrages, Power Channels, Power Tunnels and Pipelines, Penstocks, Tailrace Channels, Hydro-mechanical works- Dams and Barrages, Hydro-mechanical works- Tunnels and canals, Hydro-mechanical works- Tail race including Draft Tube Gates	299.09		
5	Main Generating Equipment, Generator step up transformer , Other power plant transformer, Cooling water systems, EHV Switchgear systems, DC Systems / Battery systems, Power and control cables, Air conditioning and ventilation, Control, Metering and Protection	881.10		
6	Construction equipments	145.00		
7	Electrical installations	93.19		
8	Furnitures and fixtures	30.00		
9	I.T. Equipment – Computers	20.00		
10	Communication Equipments	20.00		
11	Office Equipments	5.00		
12	I.T. Equipments – Intangible Assets	3.00		
13	Other Assets	183.00		
14	Fixed Assets of Minor Value	4.00		
15	Environment and Ecology	248.35		
	<b>Total</b>	<b>2595.49</b>		



2015-16

(₹ in lakh)

Sl. No.	Assets/Works	Actual Capitalisation	Regulation under which claim is made	Justification
1	Roads and Bridges (other than Kutcha Road)	100.00	Regulation 14 (1)(ii)	Within original scope under revised cost estimates
2	Buildings-Others	108.17		
3	Dam and Barrages, Power Channels, Power Tunnels and Pipelines, Penstocks, Tailrace Channels, Hydro-mechanical works- Dams and Barrages, Hydro-mechanical works- Tunnels and canals, Hydro-mechanical works- Tail race including Draft Tube Gates	165.00		
4	Main Generating Equipment, Generator step up transformer , Other power plant transformer, Cooling water systems, EHV Switchgear systems, DC Systems / Battery systems, Power and control cables, Air conditioning and ventilation, Control, Metering and Protection	1196.45		
5	Construction equipments	45.00		
6	Water supply system / Drainage and sewerage	50.00		
7	Electrical installations	5.00		
8	Furniture's and fixtures	30.00		
9	Other Assets	83.00		
10	Fixed Assets of minor value	1.00		
11	Environment and Ecology	208.09		
	<b>Total</b>	<b>1991.71</b>		

12. The petitioner has projected additional capital expenditure (including discharge of liabilities) of ₹7124.42 lakh in the 2014-19 tariff period out of which the petitioner has claimed ₹2595.49 lakh in 2014-15 and ₹1991.71 lakh in 2015-16 as additional capital expenditure and ₹2537.22 lakh as discharge of un-discharge liability in 2014-15 The petitioner has not claimed any additional capital expenditure during 2016-19 period. The petitioner vide affidavit dated 25.4.2016 has submitted that RCE has been approved by



MoP, Gol for an amount of ₹89376 lakh. The Commission has already approved capital cost of ₹ 86865.46 lakh as on 31.3.2014. The Commission has therefore restricted the additional capital expenditure in consideration of the approved RCE completion cost of ₹89425.65 lakh (including normative IDC of ₹50.00 lakh)

13. The Closing capital cost of ₹ 86865.46 lakh on 31.3.2014 as approved in the Commission's order in Petition No. 190/GT/2015 has been considered as the opening capital cost as on 1.4.2014. Further, out of the projected additional capital expenditure of ₹ 5132.71 lakh during 2014-15 for the works within the original scope of work carried out before the cut off date, we have considered ₹ 2560.19 lakh. Accordingly, the capital cost considered for the purpose of tariff for the period 2014-19 is as under:

(₹ in lakh)					
Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
Opening Capital cost	86865.46	89425.65	89425.65	89425.65	89425.65
Additional Capital expenditure allowed	2560.19	0.00	0.00	0.00	0.00
Capital cost as on 31 march of the year	89425.65	89425.65	89425.65	89425.65	89425.65

14. The capital cost, including the projected additional capital expenditure allowed as above, is subject to revision based on the actual expenditure incurred at the time of truing-up of tariff in accordance with Regulation 8 of the 2014 Tariff Regulations.

#### **Debt: Equity**

15. Regulation 19 of the 2014 Tariff Regulations provides as under:

*(1) For a project declared under commercial operation on or after 1.4.2014, the debt-equity ratio would be considered as 70:30 as on COD. If the equity actually deployed is more than 30% of the capital cost, equity in excess of 30% shall be treated as normative loan:*



Provided that:

(i) where equity actually deployed is less than 30% of the capital cost, actual equity shall be considered for determination of tariff:

(ii) the equity invested in foreign currency shall be designated in Indian rupees on the date of each investment:

(iii) any grant obtained for the execution of the project shall not be considered as a part of capital structure for the purpose of debt-equity ratio.

**Explanation** - The premium, if any, raised by the generating company or the transmission licensee, as the case may be, while issuing share capital and investment of internal resources created out of its free reserve, for the funding of the project, shall be reckoned as paid up capital for the purpose of computing return on equity, only if such premium amount and internal resources are actually utilised for meeting the capital expenditure of the generating station or the transmission system.

(2) The generating Company or the transmission licensee shall submit the resolution of the Board of the company or approval from Cabinet Committee on Economic Affairs (CCEA) regarding infusion of fund from internal resources in support of the utilisation made or proposed to be made to meet the capital expenditure of the generating station or the transmission system including communication system, as the case may be.

(3) In case of the generating station and the transmission system including communication system declared under commercial operation prior to 1.4.2014, debt-equity ratio allowed by the Commission for determination of tariff for the period ending 31.3.2014 shall be considered.

(4) In case of generating station and the transmission system including communication system declared under commercial operation prior to 1.4.2014, but where debt:equity ratio has not been determined by the Commission for determination of tariff for the period ending 31.3.2014, the Commission shall approve the debt:equity ratio based on actual information provided by the generating company or the transmission licensee as the case may be.

(5) Any expenditure incurred or projected to be incurred on or after 1.4.2014 as may be admitted by the Commission as additional capital expenditure for determination of tariff, and renovation and modernisation expenditure for life extension shall be serviced in the manner specified in clause (1) of this regulation.



16. Accordingly, the gross normative loan and equity amounting to ₹60805.82 lakh and ₹ 26059.64 lakh, respectively, as on 31.3.2014 as considered in the Commission's order in Petition No. 190/GT/2015 has been considered as normative loan and equity as on 1.4.2014. The normative debt equity ratio of 70:30 has been considered for admitted additional capital expenditure. This is subject to truing-up in terms of Regulation 8 of the 2014 Tariff Regulations. The opening and closing debt and equity is as under:

(₹ in lakh)

Asset	As on 1.4.2014		Net Additional Capitalisation during 2014-19		As on 31.3.2019	
	Amount	%	Amount	%	Amount	%
Debt	60805.82	70%	1792.13	70%	62597.96	70%
Equity	26059.64	30%	768.06	30%	26827.70	30%
<b>Total</b>	<b>86865.46</b>	<b>100%</b>	<b>2560.19</b>	<b>100%</b>	<b>89425.65</b>	<b>100%</b>

#### Return on Equity

17. Regulation 24 of the 2014 Tariff Regulations provides as under:

**“24. Return on Equity:** (1) *Return on equity shall be computed in rupee terms, on the equity base determined in accordance with regulation 19.*

(2) *Return on equity shall be computed at the base rate of 15.50% for thermal generating stations, transmission system including communication system and run of the river hydro generating station, and at the base rate of 16.50% for the storage type hydro generating stations including pumped storage hydro generating stations and run of river generating station with pondage:*

*Provided that:*

*i) in case of projects commissioned on or after 1st April, 2014, an additional return of 0.50 % shall be allowed, if such projects are completed within the timeline specified in Appendix-I:*

*ii). the additional return of 0.5% shall not be admissible if the project is not completed within the timeline specified above for reasons whatsoever:*



iii). additional RoE of 0.50% may be allowed if any element of the transmission project is completed within the specified timeline and it is certified by the Regional Power Committee/National Power Committee that commissioning of the particular element will benefit the system operation in the regional/national grid:

iv). the rate of return of a new project shall be reduced by 1% for such period as may be decided by the Commission, if the generating station or transmission system is found to be declared under commercial operation without commissioning of any of the Restricted Governor Mode Operation (RGMO)/ Free Governor Mode Operation (FGMO), data telemetry, communication system up to load dispatch centre or protection system:

v) as and when any of the above requirements are found lacking in a generating station based on the report submitted by the respective RLDC, RoE shall be reduced by 1% for the period for which the deficiency continues:

vi) additional RoE shall not be admissible for transmission line having length of less than 50 kilometers.

18. Regulation 25 of the 2014 Tariff Regulations provides as under:

***“Tax on Return on Equity***

*(1) The base rate of return on equity as allowed by the Commission under Regulation 24 shall be grossed up with the effective tax rate of the respective financial year. For this purpose, the effective tax rate shall be considered on the basis of actual tax paid in the respect of the financial year in line with the provisions of the relevant Finance Acts by the concerned generating company or the transmission licensee, as the case may be. The actual tax income on other income stream (i.e., income of non-generation or non-transmission business, as the case may be) shall not be considered for the calculation of “effective tax rate”.*

*(2) Rate of return on equity shall be rounded off to three decimal places and shall be computed as per the formula given below:*

*Rate of pre-tax return on equity = Base rate / (1-t)*

*Where “t” is the effective tax rate in accordance with Clause (1) of this regulation and shall be calculated at the beginning of every financial year based on the estimated profit and tax to be paid estimated in line with the provisions of the relevant Finance Act applicable for that financial year to the company on pro-rata basis by excluding the income of non-generation or non-transmission business, as the case may be, and the corresponding tax thereon. In case of generating*





company or transmission licensee paying Minimum Alternate Tax (MAT), "t" shall be considered as MAT rate including surcharge and cess.

19. The base rate of ROE has been grossed up with the MAT rate for the year 2013-14. Accordingly, in terms of the above regulations, Return on Equity has been computed as under:

Particulars	(₹ in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
Notional Equity-Opening	26059.64	26827.70	26827.70	26827.70	26827.70
Addition of Equity due to additional capital expenditure	768.06	0.00	0.00	0.00	0.00
Normative Equity-Closing	26827.70	26827.70	26827.70	26827.70	26827.70
Average Normative Equity	26443.67	26827.70	26827.70	26827.70	26827.70
Return on Equity (Base Rate)	15.50%	15.50%	15.50%	15.50%	15.50%
Tax Rate for the year	20.960%	20.960%	20.960%	20.960%	20.960%
Rate of Return on Equity (Pre Tax)	19.610%	19.610%	19.610%	19.610%	19.610%
<b>Return on Equity</b>	<b>5185.60</b>	<b>5260.91</b>	<b>5260.91</b>	<b>5260.91</b>	<b>5260.91</b>

20. The petitioner is however directed to furnish on affidavit the effective tax rates along with the Tax Audit Report for the period 2014-19 at the time of revision of tariff based on truing-up in terms of Regulation 8 of the 2014 Tariff Regulations.

#### Interest on Loan

21. Regulation 26 of the 2014 Tariff Regulations provides as under:

**"26. Interest on loan capital:** (1) The loans arrived at in the manner indicated in regulation 19 shall be considered as gross normative loan for calculation of interest on loan.

(2) The normative loan outstanding as on 1.4.2014 shall be worked out by deducting the cumulative repayment as admitted by the Commission up to 31.3.2014 from the gross normative loan.

(3) The repayment for each of the year of the tariff period 2014-19 shall be deemed to be equal to the depreciation allowed for the corresponding



year/period. In case of de-capitalization of assets, the repayment shall be adjusted by taking into account cumulative repayment on a pro rata basis and the adjustment should not exceed cumulative depreciation recovered upto the date of de-capitalization of such asset.

(4) Notwithstanding any moratorium period availed by the generating company or the transmission licensee, as the case may be, the repayment of loan shall be considered from the first year of commercial operation of the project and shall be equal to the depreciation allowed for the year or part of the year.

(5) The rate of interest shall be the weighted average rate of interest calculated on the basis of the actual loan portfolio after providing appropriate accounting adjustment for interest capitalized:

Provided that if there is no actual loan for a particular year but normative loan is still outstanding, the last available weighted average rate of interest shall be considered:

Provided further that if the generating station or the transmission system, as the case may be, does not have actual loan, then the weighted average rate of interest of the generating company or the transmission licensee as a whole shall be considered.

(6) The interest on loan shall be calculated on the normative average loan of the year by applying the weighted average rate of interest.

(7) The generating company or the transmission licensee, as the case may be, shall make every effort to re-finance the loan as long as it results in net savings on interest and in that event the costs associated with such re-financing shall be borne by the beneficiaries and the net savings shall be shared between the beneficiaries and the generating company or the transmission licensee, as the case may be, in the ratio of 2:1.

(8) The changes to the terms and conditions of the loans shall be reflected from the date of such refinancing.

(9) In case of dispute, any of the parties may make an application in accordance with the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999, as amended from time to time, including statutory re-enactment thereof for settlement of the dispute:

Provided that the beneficiaries or the long term transmission customers /DICs shall not withhold any payment on account of the interest claimed by the



generating company or the transmission licensee during the pendency of any dispute arising out of re-financing of loan.”

22. The opening gross normative loan as on COD of each unit has been arrived at in accordance with Regulation 26 of the 2014 Tariff Regulations. It is observed that the petitioner has considered the interest on normative loan @ 10.36% with the actual loan portfolio to work out the weighted average rate of interest. The Regulation 26(5) of the 2014 Tariff Regulations clearly states for the consideration of actual loan portfolio at the beginning of each year for the computation of weighted average rate of interest. Accordingly, the Commission has worked out weighted average rate of interest on the basis of the actual loan portfolio of respective year applicable to the project. The repayment for the period 2014-19 has been considered equal to the depreciation allowed for that year. Interest on loan has been calculated on the normative average loan of the year by applying the weighted average rate of interest. The calculations for weighted average rate of interest are enclosed as Annexure-I to this order. As such, Interest on loan for the period 2014-19 is worked out as under:

(₹ in lakh)					
Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
Gross opening loan	60805.82	62597.96	62597.96	62597.96	62597.96
Cumulative repayment of loan upto previous year	5479.10	9901.36	14387.84	18874.32	23360.79
Net Loan Opening	55326.72	52696.60	48210.12	43723.64	39237.16
Addition due to additional capital expenditure	1792.13	0.00	0.00	0.00	0.00
Repayment of loan during the year	4422.26	4486.48	4486.48	4486.48	4486.48
Net Loan Closing	52696.60	48210.12	43723.64	39237.16	34750.68
Average Loan	54011.66	50453.36	45966.88	41480.40	36993.92
Weighted Average Rate of Interest of loan	3.561%	3.459%	3.324%	3.190%	3.094%
<b>Interest on Loan</b>	<b>1923.36</b>	<b>1745.18</b>	<b>1527.94</b>	<b>1323.22</b>	<b>1144.59</b>



## Depreciation

23. Regulation 27 of the 2014 Tariff Regulations provides as under:

**“27. Depreciation:** (1) *Depreciation shall be computed from the date of commercial operation of a generating station or unit thereof or a transmission system including communication system or element thereof. In case of the tariff of all the units of a generating station or all elements of a transmission system including communication system for which a single tariff needs to be determined, the depreciation shall be computed from the effective date of commercial operation of the generating station or the transmission system taking into consideration the depreciation of individual units or elements thereof.*

*Provided that effective date of commercial operation shall be worked out by considering the actual date of commercial operation and installed capacity of all the units of the generating station or capital cost of all elements of the transmission system, for which single tariff needs to be determined.*

(2) *The value base for the purpose of depreciation shall be the capital cost of the asset admitted by the Commission. In case of multiple units of a generating station or multiple elements of transmission system, weighted average life for the generating station of the transmission system shall be applied. Depreciation shall be chargeable from the first year of commercial operation. In case of commercial operation of the asset for part of the year, depreciation shall be charged on pro rata basis.*

(3) *The salvage value of the asset shall be considered as 10% and depreciation shall be allowed up to maximum of 90% of the capital cost of the asset:*

*Provided that in case of hydro generating station, the salvage value shall be as provided in the agreement signed by the developers with the State Government for development of the Plant:*

*Provided further that the capital cost of the assets of the hydro generating station for the purpose of computation of depreciated value shall correspond to the percentage of sale of electricity under long term power purchase agreement at regulated tariff:*

*Provided also that any depreciation disallowed on account of lower availability of the generating station or generating unit or transmission system as the case may*



be, shall not be allowed to be recovered at a later stage during the useful life and the extended life.

(4) Land other than the land held under lease and the land for reservoir in case of hydro generating station shall not be a depreciable asset and its cost shall be excluded from the capital cost while computing depreciable value of the asset.

(5) Depreciation shall be calculated annually based on Straight Line Method and at rates specified in **Appendix-II** to these regulations for the assets of the generating station and transmission system:

Provided that the remaining depreciable value as on 31st March of the year closing after a period of 12 years from the effective date of commercial operation of the station shall be spread over the balance useful life of the assets.

(6) In case of the existing projects, the balance depreciable value as on 1.4.2014 shall be worked out by deducting the cumulative depreciation as admitted by the Commission upto 31.3.2014 from the gross depreciable value of the assets.

(7) The generating company or the transmission licensee, as the case may be, shall submit the details of proposed capital expenditure during the fag end of the project (five years before the useful life) along with justification and proposed life extension. The Commission based on prudence check of such submissions shall approve the depreciation on capital expenditure during the fag end of the project.

(8) In case of de-capitalization of assets in respect of generating station or unit thereof or transmission system or element thereof, the cumulative depreciation shall be adjusted by taking into account the depreciation recovered in tariff by the de-capitalized asset during its useful services."

24. In terms of above regulations, the weighted average rate of depreciation 5.017% is calculated and the same has been considered for FY 2014-15 to FY 2018-19.

Accordingly, depreciation has been computed as follows:

Details of Depreciation	(₹ in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
Gross block as on 31.3.2014	86865.46	89425.65	89425.65	89425.65	89425.65
Additional capitalization during 2014-19	2560.19	0.00	0.00	0.00	0.00
Closing Gross block	89425.65	89425.65	89425.65	89425.65	89425.65
Average gross block	88145.55	89425.65	89425.65	89425.65	89425.65
Rate of Depreciation	5.017%	5.017%	5.017%	5.017%	5.017%



Details of Depreciation	2014-15	2015-16	2016-17	2017-18	2018-19
Depreciable Value	79331.00	80483.09	80483.09	80483.09	80483.09
Remaining Depreciable Value	73851.90	70582.39	66095.91	61609.43	57122.95
<b>Depreciation</b>	<b>4422.26</b>	<b>4486.48</b>	<b>4486.48</b>	<b>4486.48</b>	<b>4486.48</b>

### O&M Expenses

25. The Commission in its order in petition no. 190/GT/2015 had considered the capital cost of ₹86865.46 lakh as on 31.3.2014 in absence of the actual capital cost as on the cut-off date for the purpose of calculating the O&M expenses for the generating station. The Commission had approved O&M expenses for the period 29.11.2012 to 31.3.2014 as under:

	(₹in lakh)		
	29.11.2012 to 31.1.2013	1.2.2013 to 31.3.2013	FY 2013-14
	3 Units (Pro-rata)	4 Units (pro-rata)	4 Units
Allowed Project cost	59,721.34	86,865.46	
Less: R&R cost	146.62	195.50	
Capital cost for the purpose of O&M	59,574.71	86,669.96	
Annualised O&M expenses @ 2% of capital cost	1,191.49	1,733.40	1832.55*
<b>O&amp;M expenses (Pro rata)</b>	<b>208.92</b>	<b>280.19</b>	<b>1832.55</b>

\* After escalation of annualized O&M expenses of FY 2012-13 (₹1733.40 Lakh) at the rate of 5.72%

26. The Commission in this order has allowed the completion cost of the generating station as ₹ 89425.65 lakh. Accordingly, O&M expenses allowed in petition no. 190/GT/2015 for the period 29.11.2012 to 31.3.2014 stands revised as under:

	(₹in lakh)		
	29.11.2012 to 31.1.2013	1.2.2013 to 31.3.2013	FY 2013-14
	3 Units (Pro-rata)	4 Units (pro-rata)	4 Units
Allowed Project cost	67,069.24	89,425.65	



	29.11.2012 to 31.1.2013	1.2.2013 to 31.3.2013	FY 2013-14
	3 Units (Pro-rata)	4 Units (pro-rata)	4 Units
Less: R&R cost	146.63	195.50	
Capital cost for the purpose of O&M	66,922.61	89,230.15	
Annualised O&M expenses @ 2% of capital cost	1,338.45	1,784.60	1,886.68*
<b>O&amp;M expenses (Pro rata)</b>	<b>234.69</b>	<b>288.47</b>	<b>1,886.68</b>

\* After escalation of annualized O&M expenses of FY 2012-13 (₹1784.60 Lakh) at the rate of 5.72%

27. The above O&M expenses have been considered for revision of annual fixed charges for the period 29.11.2012 to 31.3.2014.

28. Regulation 29 (3) (c) of the 2014 Tariff Regulations provides as under:

*“(c) In case of the hydro generating stations, which have not been in commercial operation for a period of three years as on 1.4.2014, operation and maintenance expenses shall be fixed at 2% of the original project cost (excluding cost of rehabilitation and resettlement works) for the first year of commercial operation. Further, in such case, operation and maintenance expenses in first year of commercial operation shall be escalated @6.04% per annum up to the year 2013- 14 and then averaged to arrive at the O&M expenses at 2013-14 price level. It shall be thereafter escalated @ 6.64%per annum to arrive at operation and maintenance expenses in respective year of the tariff period.”*

29. The generating station is not in commercial operation for a period of three years as on 1.4.2014. Accordingly, in terms of sub-section (c) of clause (3) of Regulation 29 of the 2014 Tariff Regulations, the year-wise O&M expense norms considered for the generating station of the petitioner for the period 2014-19 is as under:

	(₹ in lakh)
Complete capital cost allowed by the Commission	89,425.65
Less: R&R cost submitted by the petitioner	195.5
<b>Capital cost for the purpose of O&amp;M</b>	<b>89,230.15</b>



(₹ in lakh)	
FY 2012-13	Amount
O&M Expenses (@ 2% of ₹89180.50 lakh (N1))	1,784.60
FY 2013-14	
O&M Expenses (Escalated @6.04 % of O&M Expenses of 2012-13) (N2)	1,892.39
O&M Expenses @ 2013-14 Price Level (N=(N1+N2)/2)	1,838.50

(₹ in lakh)								
	29.11.2012 to 31.1.2013	1.2.2013 to 31.3.2013	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
O&M expenses	234.69	288.47	1,886.68	1960.57	2090.76	2229.58	2377.63	2535.50

#### Interest on Working Capital

30. Based on revision in O&M expenses for the period 2012-14 (29.11.2012 to 31.3.2014) in above section revised Interest on working capital is summarized as under:

	29.11.2012 to 31.1.2013	1.2.2013 to 31.3.2013	FY 2013-14
	2 Units (Pro-rata)	3 Units (pro-rata)	3 Units
O & M expenses- 1 Month	19.56	24.04	157.22352
Maintenance Spares	35.20	43.27	283.00
Receivables- 2 months	253.44	354.85	2,270.96
<b>Total Working Capital</b>	<b>308.20</b>	<b>422.16</b>	<b>2711.19</b>
Rate of Interest	13.50%	13.50%	13.50%
<b>Interest on Working Capital</b>	<b>41.61</b>	<b>56.99</b>	<b>366.01</b>

31. Sub-section (c) of clause (1) of Regulation 28 of the 2014 Tariff Regulations provides as under:

*"28 (1) (c) Hydro generating station including pumped storage hydro electric generating station and transmission system including communication system:*





- (i) Receivables equivalent to two months of fixed cost;  
(ii) Maintenance spares @ 15% of operation and maintenance expenses specified in regulation 29; and  
(iii) Operation and maintenance expenses for one month.”

32. Accordingly, Receivables component of working capital has been worked out on the basis of two months of fixed cost as under:

(₹ in lakh)				
2014-15	2015-16	2016-17	2017-18	2018-19
2310.92	2327.23	2314.60	2305.74	2303.04

33. Maintenance spares @ 15% of O&M expenses are worked out and allowed as under:

(₹ in lakh)				
2014-15	2015-16	2016-17	2017-18	2018-19
294.09	313.61	334.44	356.64	380.33

34. O&M expenses for 1 month for the purpose of working capital are as under:

(₹ in lakh)				
2014-15	2015-16	2016-17	2017-18	2018-19
163.38	174.23	185.80	198.14	211.29

35. Clause (3) of Regulation 28 of the 2014 Tariff Regulations provides as under:

*"(3) Rate of interest on working capital shall be on normative basis and shall be considered as the bank rate as on 1.4.2014 or as on 1st April of the year during the tariff period 2014-15 to 2018-19 in which the generating station or a unit thereof or the transmission system including communication system or element thereof, as the case may be, is declared under commercial operation, whichever is later."*

36. In terms of the above regulations, the Bank Rate of 13.50% (Base Rate + 350 Basis Points) as on 1.4.2014 has been considered by the petitioner. This has been considered in the calculations for the purpose of tariff.



37. Accordingly, interest on working capital is shown below:

	(₹ in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
O & M expenses- 1 Month	163.38	174.23	185.80	198.14	211.29
Maintenance Spares	294.09	313.61	334.44	356.64	380.33
Receivables- 2 months	2310.92	2327.23	2314.60	2305.74	2303.04
Total Working Capital	2768.39	2815.07	2834.84	2860.51	2894.66
Rate of Interest	13.50%	13.50%	13.50%	13.50%	13.50%
<b>Interest on Working Capital</b>	<b>373.73</b>	<b>380.03</b>	<b>382.70</b>	<b>386.17</b>	<b>390.78</b>

### Annual Fixed charges

38. Accordingly, annual fixed charges approved for the generating station for the period 2012-14 (29.11.2012 to 31.3.2014) and for the period 2014-19 are summarized as under:

#### 2012-14 (29.11.2012 to 31.3.2014)

	(₹ in lakh)		
	29.11.2012 to 31.1.2013 (3 Units) (Pro-rata)	1.2.2013 to 31.3.2013 (4 Units) (Pro-rata)	2013-14 (4 Units)
Depreciation	524.35	669.78	4284.97
Interest on Loan	111.27	335.59	2054.82
Return on Equity	608.73	778.26	5033.29
Interest on Working Capital	41.61	56.99	366.01
O&M Expenses	234.69	288.47	1886.68
<b>Total</b>	<b>1520.65</b>	<b>2129.10</b>	<b>13625.77</b>

#### 2014-19

	(₹ in lakh)				
Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
Depreciation	4422.26	4486.48	4486.48	4486.48	4486.48
Interest on Loan	1923.36	1745.18	1527.94	1323.22	1144.59
Return on Equity	5185.60	5260.91	5260.91	5260.91	5260.91



Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
Interest on Working Capital	373.73	380.03	382.70	386.17	390.78
O&M Expenses	1960.57	2090.76	2229.58	2377.63	2535.50
<b>Total</b>	<b>13865.52</b>	<b>13963.36</b>	<b>13887.61</b>	<b>13834.41</b>	<b>13818.26</b>

### Auxiliary Consumption

39. The petitioner in its petition has sought relaxation in the auxiliary consumption norms and has submitted that generating station is being located at very high altitude, where weather remains at sub-zero temperature for almost seven months in a year from October to April and the minimum temperature has dropped to (-) 26° C in winter months. The petitioner has also submitted that in order to maintain water flow for power generation, substantial quantum of power is required for deicing arrangement of radial gates and in addition, substantial quantum of power is required to maintain various auxiliary equipment and systems when the units are running and also when units are not running. It has further submitted that continuous power is required to maintain a minimum working temperature in the power house and all this is achieved through various heating arrangements and by continuous running of one or more unit even when not supplying load to consumers. The petitioner has submitted that this results in very high auxiliary consumption with respect to any other conventional hydro generating stations.

40. The petitioner has also submitted that the generating station is operating in isolation and not connected with national grid and enough load is also not available in the Kargil area to absorb the entire generation from the project. The petitioner has submitted that considering this fact, the Commission had allowed the deemed generation benefit vide order dated 31.12.2012 in I.A No. 15/2012 in Petition No.23/GT/2011, as under:

*"19. Taking into consideration that the recovery of energy charges shall be less if the beneficiary demands/schedules for lesser energy (than declared by the generator) due to non-availability of load, we, in exercise of power under Regulation 44 of the 2009 Tariff Regulations, relax the provisions of Clause (4) of Regulation 22 of the 2009 Tariff Regulations and allow the recovery of energy charges, corresponding to difference between energy declared to be generated and the energy scheduled by the beneficiary (due to non-*



*availability of load) as deemed generation along with recovery of monthly energy charges for scheduled energy to be calculated as per provisions of the 2009 Tariff Regulations. The prayer of the petitioner is allowed in terms of the above."*

41. Further, the petitioner has submitted the calculations of auxiliary energy consumption under different load conditions and sessions. The petitioner submitted that Auxiliary energy consumption has been calculated based on running hours of auxiliary and other essential heating system. The petitioner submitted that as per present situation, grid is not likely to be available in this tariff period and therefore, maximum load will be of two units only. During winters, load availability is there but generation is less as per availability of water and so actual auxiliary consumption will be higher in terms of percentage of generation (approx. 16%). The petitioner further submitted that considering maximum load availability equivalent to two units only auxiliary energy consumption works out to 8%. The petitioner has submitted that it has claimed 6% auxiliary energy consumption on annual average which is calculated on total design energy (212.93 MU) of the generating station.

42. The petitioner has stated that due to the above facts i.e. very high auxiliary consumption requirement and less isolated load, the existing normative auxiliary consumption of 1.2% under Regulation 37(6)(a)(ii) of the 2014 Tariff Regulations, is highly inadequate in respect of the generating station. Accordingly, the petitioner has prayed to relax & fix average auxiliary consumption at 6% for the generating station as a special case, by exercising the powers under Regulation 54 (power to relax) and Regulation 55 (power to remove difficulty) of the 2014 Tariff Regulations so as to schedule the generation realistically and achieve PAF based on realistic auxiliary consumption and not to gain any other benefit.



43. It is observed that the petitioner vide affidavit dated 25.4.2016 has submitted the month-wise actual auxiliary consumption data for the period 2012-16 as under:

	Auxiliary Consumption (%)
FY 2012-13( Average of last two months)	1.88
FY 2013-14	2.74
FY 2014-15	5.00
FY 2015-16	7.90

44. We have examined the matter. Considering the location of plant, the extreme weather condition and the data submitted by the petitioner, we, in exercise of the power under Regulation 54 of the 2009 Tariff Regulations, and as a special case relax the provisions of Clause (6) sub-clause (a)(ii) of Regulation 37 of the 2014 Tariff Regulations allow the auxiliary consumption of up to 5% based on average actual auxiliary consumption for the period 2013-16 as against the claim of the petitioner for 6%. The relaxation granted for this generating station cannot be cited as precedent in future.

#### **Normative Annual Plant Availability Factor**

45. Clause (4) of Regulation 37 of the 2014 Tariff Regulations provides for the Normative Annual Plant Availability Factor (NAPAF) for hydro generating stations already in operation. Accordingly, the NAPAF of 50% has been considered for this generating station.

#### **Design Energy**

46. The Commission in its order dated 23.1.2015 in Petition No.3/GT/2013 had approved the annual Design Energy (DE) of 212.93 Million units(MUs) for the period 2009-14 in respect of this generating station. This DE has been considered for this generating station for the period 2014-19 as per month-wise details as under:



Month		Design Energy (MUs)
April	I	3.29
	II	3.30
	III	3.92
May	I	5.07
	II	6.64
	III	9.67
June	I	10.03
	II	10.03
	III	10.03
July	I	10.03
	II	10.03
	III	11.04
August	I	10.03
	II	9.93
	III	11.04
September	I	10.03
	II	9.15
	III	7.75
October	I	6.17
	II	4.50
	III	4.40
November	I	4.38
	II	3.96
	III	3.78
December	I	2.86
	II	2.76
	III	3.02
January	I	2.75
	II	2.75
	III	3.02
February	I	2.75
	II	2.75
	III	2.20
March	I	2.97
	II	3.19
	III	3.69
<b>Total</b>		<b>212.93</b>

### Application Fee and Publication Expenses

47. The petitioner has sought the reimbursement of filing fee and also the expenses incurred towards publication of notices for application of tariff for the period 2014-19.



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48. As the petitioner has deposited the filing fees of ₹ 1,93,600 for the period 2014-15 in terms of the provisions of the Central Electricity Regulatory Commission (Payment of Fees) Regulations, 2012. Accordingly, in terms of Regulation 52 of the 2014 Tariff Regulations and in line with the decision in Commission's order dated 6.1.2016 in Petition No. 232/GT/2014, the petitioner shall be entitled to recover the filing fees for the year 2014-15 and the expenses incurred on publication of notices for the period 2014-19 directly from the respondents. The filing fees for the remaining years of the tariff period 2015-19 shall be recovered *pro rata* after deposit of the same and production of documentary proof.

49. The annual fixed charges approved for the period 2014-19 as above are subject to truing-up in terms of Regulation 8 of the 2014 Tariff Regulations.

50. Petition No. 252/GT/2014 is disposed of in terms of the above.

**Sd/-**  
**(Dr. M.K. Iyer)**  
**Member**

**Sd/-**  
**(A.S Bakshi)**  
**Member**

**Sd/-**  
**(Gireesh B. Pradhan)**  
**Chairperson**



**Annexure I**

**DETAILS OF LOAN BASED ON ACTUAL LOAN PORTFOLIO (2014-19)**

	Interest rate					Loan deployed as on 1.4.2014	(₹ in lakh)	
	2014-15	2015-16	2016-17	2017-18	2018-19		Addition during tariff period	Total
PFC	10.03%	10.05%	10.00%	9.95%	9.88%	7,000.00	0.00	7,000.00
Sub-ordinate debt Govt. Of India	2.50%	2.51%	2.50%	2.50%	2.54%	36,400.00	0.00	36,400.00
Corporation Bank Loan	10.31%	10.17%	10.14%	10.12%	10.11%	88.00	0.00	88.00
Q Series Bonds	9.25%	9.63%	9.64%	9.68%	9.73%	500.00	0.00	500.00
R-1 Series Bonds	8.98%	9.03%	9.03%	9.07%	9.12%	192.00	0.00	192.00
State Bank Of India Loan	10.49%	10.52%	10.59%	10.60%	10.62%	358.00	0.00	358.00
<b>Total</b>						<b>44,538.00</b>	<b>0.00</b>	<b>44,538.00</b>

**WEIGHTED AVERAGE RATE OF INTEREST ON LOAN DURING 2014-19 TARIFF PERIOD**

	(₹ in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
Gross Opening Loan	44538.00	44538.00	44538.00	44538.00	44538.00
Cumulative Repayment of loan upto previous year	1750.00	2467.83	3232.83	4027.66	4822.50
Net Loan Opening	42788.00	42070.17	41305.17	40510.34	39715.50
Additions during the year	0.00	0.00	0.00	0.00	0.00
Repayment during the year	717.83	765.01	794.82	794.84	2311.51
Net Loan Closing	42070.17	41305.16	40510.35	39715.50	37403.99
Average Loan	42429.09	41687.67	40907.76	40112.92	38559.75
Interest on actual loan	1510.99	1441.99	1359.74	1279.42	1192.97
<b>Weighted Average Rate of Interest</b>	<b>3.561%</b>	<b>3.459%</b>	<b>3.324%</b>	<b>3.190%</b>	<b>3.094%</b>

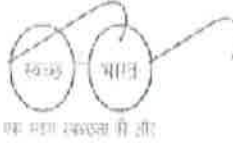




# **ANNEX-IV**



# **ANNEX-V**



एन एच पी सी लिमिटेड  
भारत सरकार का (NHPC)  
एन एच पी सी लिमिटेड (एन एच पी सी लिमिटेड)  
**NHPC Limited**  
(A Govt. of India Enterprise)  
ISO-9001, 14001 & 18001 Certified Company

PWA-511 (Pt) Anomaly/2019/

Date: 19.03.2019

**PART-I OFFICE ORDER NO. 16 /2019**

**Sub: Regularization of pay scales of below Board level executives w.e.f 01.01.1997.**

In pursuance of Ministry of Power letter F No. 2/1/2014-H.I (Pt) dated 29.01.2019, the pay scales of below Board level executives w.e.f 01.01.1997 are regularized as under:

1. The scales of pay w.e.f 01.01.1997 adopted in pursuance of the order of MOP, No.11/6/2006-DO(NHPC) dated: 04.04.2006, which was implemented, vide Part-I Office Order no. 22/2006 dated 09.05.2006 stands regularized.
2. Consequently, the provisional revised pay scales w.e.f 01.01.2007 as implemented vide O/O No. 46/2010 dated: 02.11.2010 are also hereby regularized as under:
  - 2.1 On such regularization of pay scales, the revised pay w.e.f 01.01.2007 shall be re-fixed based on actual pay drawn in the pay scales w.e.f 01.01.1997 to 31.12.2006. Therefore, clause 1.3 of the O.O no. 46/2010 dated 02.11.2010 stands amended to the extent that the basic pay of below Board level executives on the rolls of the Corporation as on 31.12.2006 shall be fitted in the corresponding revised scales of pay as indicated in Annexure - I.
  - 2.2 Accordingly on such regularization the "Personal Adjustment" extended w.e.f 01.01.2007 is hereby withdrawn. The other conditions regulating the pay like the fitment methodology, rate of annual increment etc. w.e.f 01.01.2007 to 31.12.2016 shall remain unchanged.
3. The revised scales of pay w.e.f 01.01.2017 which was implemented vide Part-I Office Order No. 30/2018 dated 30.05.2018 shall remain unchanged. The other conditions regulating the pay like fitment methodology, rate of annual increment etc. shall also remain unchanged. Accordingly, the aforesaid executives who

*Handwritten signature*



were on the rolls of the Corporation as on 31.12.2016 and continued in service thereafter shall be fitted in the corresponding revised scale of pay w.e.f 01.01.2017.

This issues with the approval of the Competent Authority.

*(Signature)*  
12/12/17  
(I. Borai)  
GM (HR)

**Distribution: Standard**



## Annexure - I

Sl No.	Grade Code	Existing w.e.f 01.01.1997 (in Rs)	Revised w.e.f 01.01.2007 (in Rs)
1	E1	8000-290-300-330(2)-350-360-370-390-410-420-440-460-470-480-13400	16400-3%-40500
2	E2	8600-330(2)-350-370-380-400-420-430-450-470-490-510-530-540-14600	20600-3%-46500
3	E2A	10750-420-430-450-470-490(2)-530-540(3)-550(2)-16750	24900-3%-50500
4	E3	13750-550-575-600-610-620-625-685(2)-18700	29100-3%-54500
5	E4	16000-660-685(4)-700(2)-20800	32900-3%-58000
6	E5	17500-630-685(2)-700(4)-22300	36600-3%-62000
7	E6	18500-700(2)-730-750-780-850-890-23900	43200-3%-66000
8	E7	19500-750-810-845-880-910-945-960-25600	51300-3%-73000
9	E8	20500-670(2)-850-900-950-980(2)-26500	51300-3%-73000
10	E9	23750-900-950-980(2)-990-28550	62000-3%-80000



# **ANNEX-VI**

**H U M S & ASSOCIATES**  
CHARTERED ACCOUNTANTS

307, Surya Complex  
21, Veer Savarkar Block  
Shakarpur, Delhi-110092  
Tel: +91-9891251431  
Mail:Joshi280@gmail.com

**TO WHOMSOEVER IT MAY CONCERN**

In terms of requirement of Regulation 25 of CERC Notification No.L-1/144/2013/CERC dated 21<sup>st</sup> February, 2014, read with Notification No.L-1/144/2013/CERC dated 5<sup>th</sup> November, 2015, 'Effective Tax Rate' for the Financial Year 2014-15 is 21.76% as per Annual Income Tax Return (Original) filed on 09.11.2015.

This Certificate is issued at the request of NHPC Limited and is based upon the audited books of accounts, income tax return filed, records and explanations provided to us.

For HUMS & Associates  
Chartered Accountants  
FRN- 022230N



*[Signature]*  
Partner  
M.No. 505140

Place: New Delhi.  
Date: 18.12.2015





(Amount in rupees)

**Calculation of Effective Tax Rate for the FY 2014-15 as per Original Return Filed on 09.11.2015**

	Description	TOTAL	Total of O&M Projects	Corp Offices and others
	<b>Profit Before Tax (PBT)</b>	<b>28,261,704,421</b>	<b>22,439,574,070</b>	<b>5,822,130,351</b>
Add:	Provision for Project Expenses	511,541,213	43,345,046	468,196,167
	<b>Disallowance of Provisions</b>			0
	Provision for bad and doubtful claims and advances	358,935,014	91,917,068	267,017,946
	Provision for fixed assets provided for Diminution in value of assets and spares	253,509,697	253,225,778	283,919
		3,821,506	3,821,506	0
	Provision for Others	(52,877)	123,328	(176,205)
	Interest to beneficiary states	205,119,790	205,119,790	0
	Disallowance u/s 40a(ia) - Intt on Delay Deposit of TDS	3,619,935	1,891,147	1,728,788
	<b>Sub Total (A)</b>	<b>29,598,198,699</b>	<b>23,039,017,733</b>	<b>6,559,180,966</b>
Less:	Tax Free bond /LTA Income	428,751,009	0	428,751,009
	Tax free Dividend income	615,608,200	0	615,608,200
	Provision for obsolete stores and spares used	133,706	133,706	0
	Provision for obsolete stores and spares reversed	5,940,621	5,940,621	0
	Provision for doubtful advances used/reversed	1,475,658	1,475,658	0
	Provision for other used reversed	708,380,059	0	708,380,059
	<b>Sub Total (B)</b>	<b>1,760,289,253</b>	<b>7,549,985</b>	<b>1,762,739,268</b>
	<b>1. Book Profit for MAT (A-B)</b>	<b>27,837,909,446</b>	<b>23,031,467,748</b>	<b>4,806,441,698</b>
	<b>2. (i) Tax</b>	<b>5,834,965,009</b>	<b>4,827,510,797</b>	<b>1,007,454,212</b>
	<b>(ii) Interest</b>	<b>65,714,469</b>	<b>54,368,331</b>	<b>11,346,138</b>
	<b>3. Total Tax Paid</b>	<b>5,900,679,478</b>	<b>4,881,879,128</b>	<b>1,018,800,350</b>
	<b>4. Effective Tax Rate (3/PBT)</b>	<b>-</b>	<b>21.76%</b>	<b>-</b>



To

NHPC Limited  
Sector 33 Faridabad  
Haryana

**Certificate in respect of "Effective Tax Rate for the financial year 2015-16 as per CERC Regulations"**

1. Based on our examination and in terms of Regulation 25 of CERC Notification No.L-1/144/2013/CERC dated 21st February, 2014, read with Notification No.L-1/144/2013/CERC dated 5th November, 2015, 'Revised Effective Tax Rate' for the Financial Year 2015-16 is 21.948% as per assessment made under section 143(3) of Income Tax Act,1961. The effective tax rate as earlier intimated and as per Audited Financial Statements was 21.90%.
2. This certificate has been prepared at the request of the Company solely with reference to the Circular, as amended from time to time.

For N M N & Associates  
Chartered Accounts  
FRN 024341N

*Nisha*



(Nisha)  
Partner  
M.No.507212

Place: New Delhi  
Dated: 11th June 2018



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Particulars	(As Per Assessment)	As Per Demand	As Per Demand
Net Profit as per Profit & Loss Account	31,59,67,29,932		31,59,67,29,932
<b>Disallowance of Provisions</b>			
Provision for Project Expenses	3,59,68,74,027		3,59,68,74,027
Provision for bad and doubtful claims and advances	23,64,96,537	3,37,13,339	20,27,83,198
Provision for doubtful debts created	52,94,486	26,06,186	26,88,300
Provision for fixed assets provided for	6,29,30,554	4,65,45,516	1,63,85,038
Diminution in value of assets and spares	60,26,809	64,65,447	4,37,362
Provision for Others	10,36,095	5,50,886	4,85,109
Interest to beneficiary states	27,58,01,282	27,58,01,282	0
<b>Total Addition</b>	<b>4,18,53,59,785</b>	<b>36,57,06,756</b>	<b>3,81,96,53,029</b>
<b>Total</b>	<b>36,15,20,84,823</b>	<b>29,53,22,05,328</b>	<b>6,61,98,79,495</b>
<b>Less: Deductions</b>			
Tax Free bond /LTA Income	19,04,28,520	0	19,04,28,520
Tax free Dividend income	1,20,92,55,600	0	1,20,92,55,600
Provision for obsolete stores and spares used	2,07,87,893	2,07,87,893	0
Provision for obsolete stores and spares reversed	30,24,922	30,24,922	0
Provision for doubtful claims used/reversed	1,14,44,131	1,14,44,131	0
Provision for doubtful advances used/reversed	47,42,619	26,34,000	21,08,619
Provision for Project Expenses used / reversed	31,28,31,243	0	31,28,31,243
Interest to beneficiary states used/reversed	6,75,58,662	6,75,58,662	0
	1,82,00,73,590	10,54,49,608	1,71,46,23,982
			0
Book Profit for MAT	34,33,20,11,233	29,42,67,55,720	4,90,52,65,513
Tax 21.3416 MAT	7,32,70,00,509	6,28,01,40,499	1,04,68,60,011
Interest u/s 234B	1,72,81,100	1,48,12,028	24,69,072
Interest u/s 234C	7,85,84,778	6,73,56,819	1,12,27,959
<b>Total Before Demand</b>	<b>7,42,28,66,387</b>	<b>6,36,23,09,346</b>	<b>1,06,05,57,041</b>
Demand Payment	33,02,08,380	3,35,60,140	29,66,48,240
Intt. On Demand	5,36,72,396	54,64,898	4,82,17,498
<b>Total Interest</b>	<b>38,38,80,776</b>	<b>3,90,15,039</b>	<b>34,48,65,738</b>
<b>Total</b>	<b>7,80,67,47,163</b>	<b>6,40,13,24,385</b>	<b>1,40,54,22,779</b>
Revised Effective Tax Rate		21.948%	
Already Intimated vide certificate dated 03.08.2016		21.90%	



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★★★★★★

# HUMS & ASSOCIATES

Chartered Accountants

## TO WHOMSOEVER IT MAY CONCERN

In terms of Regulation 25 of CERC Notification No.L-1/144/2013/CERC dated 21<sup>st</sup> February, 2014, read with Notification No.L-1/144/2013/CERC dated 5<sup>th</sup> November, 2015, 'Effective Tax Rate' for the Financial Year 2016-17 is 21.328% as per Audited Annual Accounts for the year ending on 31.03.2017.

This Certificate is issued at the request of NHPC Limited (formerly known as 'National Hydroelectric Power Corporation Limited') and is based upon the books of accounts, records and explanations provided.

For HUMS & Associates  
Chartered Accountants  
FRN – 022230N



(CA H.P. Joshi)  
Partner  
M.N. 505140

Place: New Delhi  
Date: 02.06.2017



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NHPC Limited

COMPUTATION OF TAXABLE INCOME FOR THE YEAR ENDED 31.03.2017

	Description	Total	Total of O & M	Corp Offices and others
	NET PROFIT AS PER STATEMENT OF PROFIT AND LOSS	34,746,089,925	29,977,824,138	4,768,265,787
Add:	Bad and doubtful debts provided	195,713,260	179,583,460	16,129,800
	Bad and doubtful claims provided	216,418,111	3,306,130	213,111,981
	Doubtful Interest Provided for	197,891,892	-	197,891,892
	Diminution in value of stores and spares	5,081,810	4,835,376	246,434
	Project expenses provided for	413,435,117	-	413,435,117
	Provision for fixed assets/ stores provided for	27,238,866	14,659,977	12,578,889
	Others	(720)	(720)	-
	C.O./Regional Office/PID Expenses	155,198	147,191	8,007
	Lease Adjustment (1/5 of opening Reserves FY 2014-15&2015-16)	256,224,620	256,224,620	-
	<u>OCI - Adjustment</u>			
	Remeasurements of the defined benefit plans	(557,832,173)	(132,496,553)	(425,335,620)
	Opening - Retion Money & Prov. For Committed Capital Expenditure	57,307,298	-	57,307,298
	<b>Sub Total</b>	<b>35,557,723,204</b>	<b>30,304,083,619</b>	<b>5,253,639,585</b>
Less:	Dividend	2,074,936,800	-	2,074,936,800
	Tax Free interest of Bonds and Loans and Advances	5,389,000	-	5,389,000
	Diminution in value of stores and spares	17,494,638	17,361,333	133,305
	Provision for doubtful claims	1,000,000	1,000,000	-
	Bad & Doubtful Interest accrued	24,613,932	-	24,613,932
	Interest to beneficiary states used/reversed	327,185,415	327,185,415	-
	<b>Sub Total</b>	<b>2,450,619,785</b>	<b>345,546,748</b>	<b>2,105,073,037</b>
	<b>Book Profit for MAT</b>	<b>33,107,103,419</b>	<b>29,958,536,871</b>	<b>3,148,566,548</b>
	<b>MAT @ 21.3416%</b>	<b>7,065,585,583</b>	<b>6,393,631,105</b>	<b>671,954,478</b>
	<b>Effective Rate of Tax (in %)</b>		<b>21.328</b>	



To

**NHPC Limited**  
Sector 33 Faridabad  
Haryana

**Certificate in respect of "Effective Tax Rate for the financial year 2017-18 as per CERC Regulations"**

1. Based on our examination and In terms of Regulation 25 of CERC Notification No.L-1/144/2013/CERC dated 21st February, 2014, read with Notification No.L-1/144/2013/CERC dated 5th November, 2015, 'Effective Tax Rate' for the Financial Year 2017-18 is 21.851% as per Annual Audited Financial Statements for the year ending on 31.03.2018 of NHPC Limited (the Company).
2. This certificate has been prepared at the request of the Company solely with reference to the Circular, as amended from time to time.

For N M N & Associates  
Chartered Accounts  
FRN 024341N

*Nisha*



(Nisha)  
Partner  
M.No.507212

Place: New Delhi  
Dated: 11th June 2018



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	Total	Group of O & M	Corp Offices and others
<b>PROFIT BEFORE TAX</b>	<b>35,28,22,26,161</b>	<b>28,99,48,05,307</b>	<b>7,33,74,20,854</b>
<b>Provisions:</b>			
Bad and doubtful debts provided	1,92,61,000		1,92,61,000
Bad and doubtful claims provided	1,91,29,919	1,91,29,919	
Diminution in value of stores and spares	27,69,748	27,69,748	
Project expenses provided for	26,26,61,864	6,25,01,149	19,51,64,715
Provision for fixed assets/ stores provided for	31,27,045	31,22,400	4,585
Provision for Interest to Beneficiary	16,45,47,963	16,45,47,963	
Provision for Interest against court/arbitration award	2,78,95,596	2,78,95,596	
Others	1,53,158	1,53,158	
C.O./Regional Office/PIO Expenses	36,220	36,138	82
Opening Lease Adjustment (1/5 of opening Reserves FY 2014-15 & 2015-16)	25,62,24,620	25,62,24,620	
OCI - Adjustment			
Remeasurements of the defined benefit plans	21,10,51,291	16,03,15,598	5,07,35,693
Opening - Retention Money & Prov. For Committed Capital Expenditure	5,73,07,298	-	5,73,07,298
<b>Total of Addition</b>	<b>1,02,43,69,722</b>	<b>70,18,96,349</b>	<b>32,24,73,373</b>
<b>Total</b>	<b>36,30,65,95,883</b>	<b>28,64,67,01,656</b>	<b>7,65,98,94,227</b>
Less: Exempt and Tax free Income			
Dividend	6,32,11,73,400	-	6,32,11,73,400
Less: Provisions utilised/Reversed during the period			
Diminution in value of stores and spares	1,31,45,004	1,31,45,004	
Bad and doubtful debts	18,61,82,138		18,61,82,138
Provision for doubtful claims	2,20,43,313	2,20,43,313	
<b>Total of Deduction</b>	<b>6,54,25,43,855</b>	<b>3,53,88,317</b>	<b>6,50,73,55,538</b>
<b>Book Profit</b>	<b>29,76,40,52,028</b>	<b>28,61,15,13,339</b>	<b>1,15,25,38,689</b>
<b>MAT @ 21.3416%</b>	<b>6,35,21,24,928</b>	<b>6,10,61,54,731</b>	<b>24,59,70,197</b>
<b>Add Interest U/s 234</b>			
<b>Total Tax Including Interest</b>	<b>6,35,21,24,928</b>	<b>6,10,61,54,731</b>	<b>24,59,70,197</b>
<b>Effective Rate of Tax</b>		<b>21.851%</b>	



2)

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# KUMAR KASERA & COMPANY

## CHARTERED ACCOUNTANT

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Certificate No. :- 001/Jun/2019-20

### TO WHOMSOEVER IT MAY CONCERN

In terms of Regulation 25 of CERC Notification No.L-1/144/2013/CERC dated 21<sup>st</sup> February, 2014, read with Notification No.L-1/144/2013/CERC dated 5<sup>th</sup> November, 2015, 'Effective Tax Rate' for the Financial Year 2018-19 is **22.157%** as per Audited Annual Accounts for the year ending on 31.03.2019.

This Certificate is issued at the request of NHPC Limited (formerly known as 'National Hydroelectric Power Corporation Limited') and is based upon the books of accounts, records and explanations provided.

For Kumar Kasera & Company  
Chartered Accountants  
Firm Reg No. 019401C

  
Nitesh Murarka  
Partner  
M.No. 531934  
UDIN- **19531934AAAAAK5987**



Date:- June 17, 2019  
Place:- New Delhi



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H.O. :- 235, UGF, Anarkali Complex, Jhandewalan Extension, New Delhi- 110055  
E-Mail: [Mura:kanitesh@yahoo.com](mailto:Mura:kanitesh@yahoo.com), Mobile No. : 7827480102



# **ANNEX-VII**

# ARORA VOHRA & CO.

Chartered Accountants



Chaitnya Complex, Prem Bhawan,

Email: aroravohrace@gmail.com

Residency Road, Jammu

Mobile: +91 8566008777

J & K

## Independent Auditors' Certificate

### NHPC Limited

NHPC Office Complex,  
Sector-33  
Faridabad-121003  
Haryana

**Re: Auditors Certificate with respect to impact of Goods and services Tax(GST) due to change in Law for the period 1<sup>st</sup> January 2019 to 31<sup>st</sup> March 2019 in respect of Chutak Power Station.**

### Introduction

1. This certificate is issued in accordance with the terms of our engagement letter dated 18<sup>th</sup> June, 2019.
2. We, Arora Vohra & Co., Chartered Accountants (Firm's ICAI Registration No.009487N), the Joint statutory auditors ("the auditor") of NHPC Limited("the Company"), having its registered office at NHPC Office Complex, Sector-33, Faridabad-121003, Haryana have been requested by the Company to provide the Certificate for "Impact of Goods and services Tax (GST) for the period 01<sup>st</sup> January 2019 to 31<sup>st</sup> March 2019" ("the Statement") in respect of Chutak Power Station for submission to Central Electricity Regulatory Commission to allow the pass through of the impact due to change in domestic duties under change in law through tariff to the beneficiaries.

### Management's Responsibility

3. The Statement (**referred to as Annexure – C**), is solely the responsibility of the Management of the Company. The said statement has been compiled from the books and records of the Company and the Company's Management is responsible for the designing, implementing and maintaining internal control relevant for the preparation of the books of account and the financial statements of the company, the accuracy and completeness of the accounting records, timely preparation of reliable information as required under Companies Act, 2013 and compilation of the said statement there from and applying an appropriate basis for preparation of the same.
4. The management is also responsible for complying with the provisions of GST as well as rules, regulations and directives under Electricity Act 2003.

### Auditor's Responsibility

5. It is our responsibility to certify the Statement based on our examination of the matters in the Statement with reference to the books of account and other relevant records of the Company for the period 01<sup>st</sup> January 2019 to 31<sup>st</sup> March 2019.
6. The financial results for the year 31<sup>st</sup> March 2019 were audited in accordance with the Standards on Auditing specified under Section 143(10) of the Act. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the standalone IndAS financial statements are free from material misstatement.
7. We have conducted examination of the Statement in accordance with the Guidance Note on Audit Reports and Certificates for Special Purposes, issued by the Institute of Chartered Accountants of India. The Guidance Note



# ARORA VOHRA & CO.

Chartered Accountants



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Residency Road, Jammu

Mobile: +91 8566008777

**J & K**

requires that we comply with the ethical requirements of the Code of Ethics issued by the Institute of Chartered Accountants of India.

8. We have complied with the relevant applicable requirements of the Standard on Quality Control (SQC) 1, Quality Control for Firms that perform Audits and Review Historical Financial Information, and Other Assurance and Related Services Engagements.

**Conclusion**

9. Based on the procedures performed, evidence obtained and our examination of the financial statement/ results, as above, and the information and explanations given to us, we certify that the enclosed Statement (**referred to as Annexure – C**), showing the amount of impact on applicability of wage revision is in agreement with the books of account and other relevant records of the Company as produced to us for the purpose of our examination and subject to notes given in **Annexure – C**.

**Restriction on use**

10. Our work was performed solely to assist you in meeting your responsibilities for the purpose of “passing of impact of GST for changes in law to the beneficiaries” as referred to in Para 2 above. Our obligation in respect of this certificate are entirely separate from, and our responsibility and liability is in no way changed by any other role we may have ( or may have had) as auditors of the Company or otherwise. Nothing in this report, nor anything said or done in the course of or in connection with the services that are the subject of this certificate, will extend any duty of care we may have in our capacity as auditors of the Company.
11. This Certificate has been issued at the request of the Management of the Company for the purpose of “passing of impact for changes in law to the beneficiaries” as referred to in Para 2 above. This Certificate should therefore not to be used for any other purpose or by any person other than the addressees of this certificate. Accordingly, we do not accept or assume any liability or duty of care for any other purpose or to any other person to whom this certificate is shown or into whose hands it may come save where expressly agreed by our prior consent in writing.

For Arora Vohra & Co.  
Chartered Accountants



Membership No: 013833

Place: Faridabad

Date: 19<sup>th</sup> July, 2019

UDIN: 19013833AAAABA9648

**Note: The authenticity of this certificate can be verified by visiting at <https://udin.icai.org/search-udin> with UDIN mentioned above.**



Summary of Additional Impact on account of GST

Name of Power station: Chutak Power Station

Sr.No	Particulars	(Amount In Rs.)		Annexure-C Remarks
		Year		
		2018-19 (01.01.2019 to 31.03.2019)		
1	Additional GST Impact on Security Services			
	CIFS (including RCM & Other)		0	
	Other than CIFS		1766208	
2	Additional GST Impact on work awarded in pre-GST period but executed in post GST Period forming part of O&M Exps			
	R&M/Manpower Work		NIL	
	Other Work		NIL	
3	Additional GST impact on Supply awarded in pre GST period but executed in post GST Period forming part of O&M Exps.			
			NIL	
4	Additional impact of GST on work awarded & execution in post GST period vis-a-vis in case work would have been awarded in pre GST Period.			
	R&M/Manpower Work		1057021	
	Other Work		244081	
5	Additional impact of GST on Supply order awarded & executed in post GST period vis-a-vis case order would have been awarded in pre GST Period.			
			-16690	
6	Additional GST impact on RO/CO Management exps. if any			
			561670	
7	Additional GST impact on Other Services like Insurance etc.			
			677765	
	Total		4290046	

*Anu*  
17/7/19  
SMG

**ARORA VOHRA & CO.**

Chartered Accountants



Chaitnya Complex, Prem Bhawan,

Email: aroravohraca@gmail.com

Residency Road, Jammu

Mobile: +91 9419188401

**J & K****Independent Auditors' Certificate**

**NHPC Limited**  
 NHPC Office Complex,  
 Sector-33  
 Faridabad-121003  
 Haryana

**Re: Auditors Certificate with respect to Impact of Goods and services Tax (GST) due to change in Law for the period 7th July 2017 to 31<sup>st</sup> March 2018 and from 1<sup>st</sup> April 2018 to 31<sup>st</sup> December 2018 in respect of Chutak Power Station.**

**Introduction**

1. This certificate is issued in accordance with the terms of our engagement letter dated 12<sup>th</sup> February, 2019.
2. We, Arora Vohra & Co., Chartered Accountants (Firm's ICAI Registration No.009487N), the Joint statutory auditors ("the auditor") of NHPC Limited ("the Company"), having its registered office at NHPC Office Complex, Sector-33, Faridabad-121003, Haryana have been requested by the Company to provide the Certificate for "Impact of Goods and services Tax (GST) for the period 7th July 2017 to 31<sup>st</sup> March 2018 ( GST became applicable in the state of J & K from 7<sup>th</sup> July 2017) and from 1<sup>st</sup> April 2018 to 31<sup>st</sup> December 2018" (" the Statement") in respect of **Chutak Power Station** for submission to Central Electricity Regulatory Commission to allow the pass through of the impact due to change in domestic duties under change in law through tariff to the beneficiaries.

**Management's Responsibility**

3. The Statement (referred to as Annexure – I and Annexure -II), is solely the responsibility of the Management of the Company. The said statement has been compiled from the books and records of the Company and the Company's Management is responsible for the designing, implementing and maintaining internal control relevant for the preparation of the books of account and the financial statements of the company, the accuracy and completeness of the accounting records, timely preparation of reliable information as required under Companies Act, 2013 and compilation of the said statement therefrom and applying an appropriate basis for preparation of the same.
4. The management is also responsible for complying with the provisions of GST as well as rules, regulations and directives under Electricity Act 2003.

**Auditor's Responsibility**

5. It is our responsibility to certify the Statement based on our examination of the matters in the Statement with reference to the books of account and other relevant records of the Company for the period 7th July 2017 to 31<sup>st</sup> March 2018 and for the period 1<sup>st</sup> April 2018 to 31<sup>st</sup> December 2018.
6. The unaudited financial results for the quarter ended 30<sup>th</sup> September 2018 and 31<sup>st</sup> December 2018 were reviewed by us pursuant to the requirements of Regulation 33 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirement) Regulations, 2015 ('the SEBI Regulations'). The Limited review of the financial results was



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# ARORA VOHRA & CO.

Chartered Accountants



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J & K

- conducted in accordance with the recognition and measurement principles laid down in the Indian Accounting Standard 34 "Interim Financial Reporting" ("Ind AS 34") prescribed under Section 133 of the Companies Act, 2013 read with relevant rules issued there under and other accounting principles generally accepted in India.
7. We have conducted examination of the Statement in accordance with the Guidance Note on Audit Reports and Certificates for Special Purposes, issued by the Institute of Chartered Accountants of India. The Guidance Note requires that we comply with the ethical requirements of the Code of Ethics issued by the Institute of Chartered Accountants of India.
  8. We have complied with the relevant applicable requirements of the Standard on Quality Control (SQC) 1, Quality Control for Firms that perform Audits and Review Historical Financial Information, and Other Assurance and Related Services Engagements.

#### Conclusion

9. Based on the procedures performed, evidence obtained and our examination of the financial statement/ results, as above, and the information and explanations given to us, we certify that the enclosed Statement (referred to as Annexure - I and Annexure -II), showing the amount of impact on applicability of GST is in agreement with the books of account and other relevant records of the Company as produced to us for the purpose of our examination.

#### Restriction on use

10. Our work was performed solely to assist you in meeting your responsibilities for the purpose of "passing of impact of GST for changes in law to the beneficiaries" as referred to in Para 2 above. Our obligation in respect of this certificate are entirely separate from, and our responsibility and liability is in no way changed by any other role we may have (or may have had) as auditors of the Company or otherwise. Nothing in this report, nor anything said or done in the course of or in connection with the services that are the subject of this certificate, will extend any duty of care we may have in our capacity as auditors of the Company.
11. This Certificate has been issued at the request of the Management of the Company for the purpose of "passing of impact for changes in law to the beneficiaries" as referred to in Para 2 above. This Certificate should therefore not be used for any other purpose or by any person other than the addressees of this certificate. Accordingly, we do not accept or assume any liability or duty of care for any other purpose or to any other person to whom this certificate is shown or into whose hands it may come save where expressly agreed by our prior consent in writing.

For Arora Vohra & Co.  
Chartered Accountants



Membership No. 089871

Place: Jammu

Date: 20.03.2019

UDIN:19089871AAAAAJ5773

Note: The authenticity of this certificate can be verified by visiting at <https://udin.icai.org/search-udin> with UDIN mentioned above.



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Summary of Additional Impact on account of GST

Name of Power station: Chutak Power Station

2017-18

Annexure-I  
Remarks

(Amount In Rs.)

Sr.No	Particulars	Year	Remarks
		2017-18	
1	Additional GST Impact on Security Services CIS (Including RCM & Other)		
	Other than CISF	2925748	
2	Additional GST Impact on work awarded in pre-GST period but executed in post GST Period forming part of O&M Exps		
	R&M/Manpower Work	872743	
	Other Work	18372	
3	Additional GST impact on Supply awarded in pre GST period but executed in post GST Period forming part of O&M Exps.	-424316	
4	Additional Impact of GST on work awarded & execution in post GST period vis-a-vis in case work would have been awarded in pre GST Period.		
	R&M/Manpower Work	445359	
	Other Work	958878	
5	Additional Impact of GST on Supply order awarded & executed in post GST period vis-a-vis case order would have been awarded in pre GST Period.	-31576	
6	Additional GST Impact on RO/CO Management exps. if any	1102039	
7	Additional GST impact on Other Services like insurance etc.	768606	
	Total	6635853	

It is certified that "Impact of GST on Item of expenditure forming part of O&M expenses is booked in the accounts on account of change in law.

HoF

HoP

*(Signature)*  
Manager (F)



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Summary of Additional Impact on account of GST

Name of Power station: Chutak Power Station

2018-19 Upto 31st Dec 2018

Annexure-I  
Remarks

Sr.No	Particulars	(Amount In Rs.)	
		Year	
		2018-19 (Upto 31.12.2018)	
1	Additional GST Impact on Security Services CISF (Including RCM & Other) Other than CISF	3749538	
2	Additional GST Impact on work awarded in pre-GST period but executed in post GST Period forming part of O&M Exps R&M/Manpower Work Other Work	Nil Nil	
3	Additional GST Impact on Supply awarded in pre GST period but executed in post GST Period forming part of O&M Exps.	-77859	
4	Additional Impact of GST on work awarded & execution in post GST period vis-a-vis in case work would have been awarded in pre GST Period. R&M/Manpower Work Other Work	745007 396748	
5	Additional Impact of GST on Supply order awarded & executed in post GST period vis-a-vis case order would have been awarded in pre GST Period.	-337309	
6	Additional GST Impact on RO/CO Management exps. if any	1509766	
7	Additional GST impact on Other Services like Insurance etc.	519930	
	<b>Total</b>	<b>6505820</b>	

It is certified that "Impact of GST on item of expenditure forming part of O&M expenses is booked in the accounts on account of change in law.

HoF

HoP

*[Handwritten Signature]*  
Manager (F)



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# **ANNEX-VIII**



**NHPC Ltd.**  
(A Schedule 'A' Enterprise of Govt. of India)  
NHPC Office Complex, Sector 33, Faridabad - 121003

<b>Address of Beneficiary</b>				<b>BILL FOR</b> FY 2014 - 2015			
THE EXECUTIVE ENGINEER, JAMMU LOAD & DESPATCH, METERING AND TESTING(LDM & T DIV)GLADNI, NARWAL, JAMMU - 180001 JAMMU AND KASHMIR				<b>BILL TYPE</b>		SUPPLEMENTARY	
				<b>MONTH</b>		201503 <span style="float: right;">Acc. Rev. 4</span>	
				<b>BILL NO</b>		NH/CHUTAK/JK/996	
				<b>BILL DATE</b>		15-Jun-2017	
<b>PROJECT</b> CHUTAK				<b>F/COM/722/02/08 Rev. No.:00 Eff Date:9/1/2006</b>			
Date of Commercial Operation	COD	20130201	*	Energy Charge shortfall prev year	PEC_SF1	163973737	Rs
Project age	P_AGE	1	year	Energy Charge shortfall prev to prev year	PEC_SF2	86616233	Rs
Annual DE	ADE	212.930000	MU	Energy Charge shortfall to be recovered	PEC_SF	163973737	Rs
Auxilliary Consumption-Normative	AC_NOR	5.000	%	Modified Annual DE	M_ADE	157.685805	MU
Auxilliary Consumption-Actual	AC_ACT	5.100	%	Energy Charge Rate - AC-Normative	ECR_NOR	4.019	Rs/Kw
Annual Fixed Charges Billed	AFC	141.464000	Cr	Modified ECR	M_ECR	5.427	Rs/Kw
Saleable Annual design energy-AC-Normative	SLDE_ACT	175.801396	MU	Energy Charge Rate - AC-Actual	ECR_ACT	4.023	Rs/Kw
Plant Availability Factor	NAPAF	50.000	%	Secondary Energy Charge Rate	SE_RATE1419	0.900	Rs/Kw
Saleable Annual design energy	SLDE	175.986645	MU	Plant Availability Factor for the Month	PAFM	50.000	%
Project Scheduled Energy prev year	PSCH_PY1	157.685805	MU	Saleable Design Energy for the month	SLDEM	175.986645	MU
Project Scheduled Energy prev to p	PSCH_PY2	16.079850	MU				
				Saleable Capacity Share	CS	87.000	%
				No of days for the month	NDM	365	Days
				No of days in year	NDY	365	Days

**(A) Power Station-wise Energy Calculation for FY 2014 - 2015 ( Figures in Rs.)**

Scheduled Energy	PSCH	182.488471	MU	Project Energy Charges @MECR	PEC_DE_MECE	632020931	Rs
Free Energy	PFP	23.723501	MU	Project Energy Charges @ECR	PEC_DE_ECR	170029221	Rs
Saleable Energy	PSLE	158.764970	MU	Capacity Charges	PCC	707320000	Rs
Project Saleable Energy upto DE	PSLE_DE	158.764970	MU	Misc. Charges	PMISC	693600	Rs
Saleable Energy upto DE@MECR	PSLE_DE_MECE	116.458620	MU	Water Usage Charges Apr - Sep	PWATER	30442444	Rs
Saleable Energy upto DE@ECR	PSLE_DE_ECR	42.306350	MU	Water Usage Charges Oct - March	PWATER_2013	28531157	Rs
				<b>Total Charges</b>	<b>PTC</b>	<b>1569037353</b>	<b>Rs</b>

**(B) Beneficiary-wise Power Calculation in (MU)**

Description		Jpto Previous Bil	Jpto Current Bill	Current Bill
Beneficiary Scheduled Energy	BSCH	182.488471	182.488471	0.000000
Free Power	BFP	23.723501	23.723501	0.000000
Saleable Energy	BSLE	158.764970	158.764970	0.000000
Benif Saleable Energy @MECR	BSLE_DE_MECE	126.979736	116.458620	-10.521116
Benif Saleable Energy @ECR	BSLE_DE_ECR	31.785234	42.306350	10.521116

**(C) Bill Details for FY 2014 - 2015 ( Figures in Rs.)**

Description		Jpto Previous Bil	Jpto Current Bill	Current Bill
Benif Energy Charges upto DE @ECR	BEC_DE_ECR	122,849,929	170,029,221	47,179,292
Benif Energy Charges upto DE @MECR	BEC_DE_MECE	662,707,242	632,020,931	-30,686,311
Beneficiary Capacity Charges	BCC	707,320,000	707,320,000	0
Beneficiary Misc	BMISC	693,600	693,600	0
Water Use Chrg (PWATER+PWATER_2013)	BWATER	58,973,601	58,973,601	0

<b>Total Charges</b>	<b>1,552,544,372</b>	<b>1,569,037,353</b>	<b>16,492,981</b>
<b>Amount Due In This Bill</b>			<b>16,492,981</b>
<b>Amount For The Purpose Of Rebate #</b>			<b>16,492,981</b>

**(D) Outstanding - Principal (Rs)**

Description	Previous Balance	Amount Billed	Amount Received	Rebate Allowed	Adjustments	Total Outstanding
Principal	1,256,744,286	16,492,981	0	0	0	1,273,237,267





<b>Address of Beneficiary</b>				<b>BILL FOR</b> FY 2015 - 2016			
THE EXECUTIVE ENGINEER, JAMMU LOAD & DESPATCH, METERING AND TESTING(LDM & T DIV)GLADNI, NARWAL, JAMMU - 180001 JAMMU AND KASHMIR				<b>BILL TYPE</b> SUPPLEMENTARY			
				<b>MONTH</b> 201603		Acc. Rev. 4	
				<b>BILL NO</b> NH/CHUTAK/JK/997		<b>BILL DATE</b> 15-Jun-2017	
<b>PROJECT</b> CHUTAK				<b>F/COM/722/02/08 Rev. No.:00 Eff Date:9/1/2006</b>			
Date of Commercial Operation	COD	20130201	*	Energy Charge shortfall prev year	PEC_SF1	69243586	Rs
Project age	P_AGE	2	year	Energy Charge shortfall prev to prev y	PEC_SF2	163973737	Rs
Annual DE	ADE	212.930000	MU	Energy Charge Rate - AC-Normative	ECR_NOR	4.136	Rs/Kw
Auxilliary Consumption-Normative	AC_NOR	5.000	%	Energy Charge Rate - AC-Actual	ECR_ACT	4.198	Rs/Kw
Auxilliary Consumption-Actual	AC_ACT	6.400	%	Secondary Energy Charge Rate	SE_RATE1419	0.900	Rs/Kw
Annual Fixed Charges Billed	AFC	145.570600	Cr	Plant Availability Factor for the Month	PAFM	39.779	%
Saleabe Annual design energy-AC-	SLDE_ACT	173.393158	MU	Saleable Design Energy for the month	SLDEM	175.986645	MU
Normative Plant Availability Factor	NAPAF	50.000	%				
Saleabe Annual design energy	SLDE	175.986645	MU				
Project Scheduled Energy prev year	PSCH_PY1	182.488471	MU	Saleable Capacity Share	CS	87.000	%
Project Scheduled Energy prev to p	PSCH_PY2	157.685805	MU	No of days for the month	NDM	366	Days
				No of days in year	NDY	366	Days

**(A) Power Station-wise Energy Calculation for FY 2015 - 2016 ( Figures in Rs.**

Scheduled Energy	PSCH	135.930420	MU	Project Energy Charges @ECR	PEC_DE_ECR	489121147	Rs
Free Energy	PFP	17.670955	MU	Capacity Charges	PCC	579065290	Rs
Saleable Energy	PSLE	118.259465	MU	Misc. Charges	PMISC	193600	Rs
Project Saleable Energy upto DE	PSLE_DE	118.259465	MU	Water Usage Charges Apr - Sep	PWATER	10107948	Rs
Saleable Energy upto DE@ECR	PSLE_DE_ECR	118.259465	MU	Water Usage Charges Oct - March	PWATER_2013	25133735	Rs
				<b>Total Charges</b>	<b>PTC</b>	<b>1103621720</b>	<b>Rs</b>

**(B) Beneficiary-wise Power Calculation in (MU)**

Description		Jpto Previous Bil	Jpto Current Bill	Current Bill
Beneficiary Scheduled Energy	BSCH	135.930420	135.930420	0.000000
Free Power	BFP	17.670955	17.670955	0.000000
Saleable Energy	BSLE	118.259465	118.259465	0.000000
Benif Saleable Energy @ECR	BSLE_DE_ECR	118.259465	118.259465	0.000000

**(C) Bill Details for FY 2015 - 2016 ( Figures in Rs.**

Description		Jpto Previous Bil	Jpto Current Bill	Current Bill
Benif Energy Charges upto DE @ECR	BEC_DE_ECR	470,317,892	489,121,147	18,803,255
Beneficiary Capacity Charges	BCC	579,065,290	579,065,290	0
Beneficiary Misc	BMISC	193,600	193,600	0
Water Use Chrg (PWATER+PWATER_2013)	BWATER	35,241,683	35,241,683	0

<b>Total Charges</b>	<b>1,084,818,465</b>	<b>1,103,621,720</b>	<b>18,803,255</b>
<b>Amount Due In This Bill</b>			<b>18,803,255</b>
<b>Amount For The Purpose Of Rebate #</b>			<b>18,803,255</b>

**(D) Outstanding - Principal (Rs)**

Description	Previous Balance	Amount Billed	Amount Received	Rebate Allowed	Adjustments	Total Outstanding
Principal	1,273,237,267	18,803,255	0	0	0	1,292,040,522

- 1 PCC = ( 0.5 \* AFC \* 1,00,00,000 ( PAFM / NAPAF ) \* ( NDM / NDY))
- 2 ECR = 0.5 \* AFC \* 10 / SLDE
- 3 M\_ECR = IF (M\_ADE =0) THEN 0 ELSE 0.5 \* AFC \* 10 / (M\_ADE \* (1 - AC0914 / 100) \* 0.88)
- 4 BEC\_DE\_ECR = BSLE\_DE\_ECR \* ECR \* 10,00,000
- 5 BEC\_DE\_MECCR = BSLE\_DE\_MECCR \* MECCR \* 10,00,000
- 6 BCC = PCC \* CS / 88





<b>Address of Beneficiary</b>				<b>BILL FOR</b> FY 2016 - 2017					
THE EXECUTIVE ENGINEER, JAMMU LOAD & DESPATCH, METERING AND TESTING(LDM & T DIV)GLADNI, NARWAL, JAMMU - 180001 JAMMU AND KASHMIR				<b>BILL TYPE</b>		SUPPLEMENTARY			
				<b>MONTH</b>		201703		Acc. Rev. 3	
				<b>BILL NO</b>		NH/CHUTAK/JK/998			
				<b>BILL DATE</b>		15-Jun-2017			
<b>PROJECT</b> CHUTAK				<b>F/COM/722/02/08 Rev. No.:00 Eff Date:9/1/2006</b>					
Date of Commercial Operation	COD	20130201	*	Energy Charge shortfall prev year	PEC_SF1	238731853	Rs		
Project age	P_AGE	3	year	Energy Charge shortfall prev to prev y	PEC_SF2	69243586	Rs		
Annual DE	ADE	212.930000	MU	Energy Charge Rate - AC-Normative	ECR_NOR	4.152	Rs/Kw		
Auxilliary Consumption-Normative	AC_NOR	5.000	%	Energy Charge Rate - AC-Actual	ECR_ACT	4.192	Rs/Kw		
Auxilliary Consumption-Actual	AC_ACT	5.900	%	Secondary Energy Charge Rate	SE_RATE1419	0.900	Rs/Kw		
Annual Fixed Charges Billed	AFC	146.133800	Cr	Plant Availability Factor for the Month	PAFM	50.000	%		
Saleabe Annual design energy-AC-	SLDE_ACT	174.319403	MU	Saleable Design Energy for the month	SLDEM	175.986645	MU		
Normative Plant Availability Factor	NAPAF	50.000	%						
Saleabe Annual design energy	SLDE	175.986645	MU						
Project Scheduled Energy prev year	PSCH_PY1	135.930420	MU						
Project Scheduled Energy prev to p	PSCH_PY2	182.488471	MU						
				Saleable Capacity Share	CS	87.000	%		
				No of days for the month	NDM	365	Days		
				No of days in year	NDY	365	Days		

**(A) Power Station-wise Energy Calculation for FY 2016 - 2017 ( Figures in Rs.**

Scheduled Energy	PSCH	217.003200	MU	Project Energy Charges @ECR	PEC_DE_ECR	730696550	Rs
Free Energy	PFP	28.210416	MU	Capacity Charges	PCC	730669000	Rs
Saleable Energy	PSLE	188.792784	MU	Water Usage Charges Apr - Sep	PWATER	17939540	Rs
Project Saleable Energy upto DE	PSLE_DE	175.986645	MU	Water Usage Charges Oct - March	PWATER_2013	23671948	Rs
Saleable Energy upto DE@ECR	PSLE_DE_ECR	175.986645	MU	<b>Total Charges</b>	<b>PTC</b>	<b>1502977038</b>	<b>Rs</b>

**(B) Beneficiary-wise Power Calculation in (MU)**

Description		Jpto Previous Bil	Jpto Current Bill	Current Bill
Beneficiary Scheduled Energy	BSCH	217.003200	217.003200	0.000000
Free Power	BFP	28.210416	28.210416	0.000000
Saleable Energy	BSLE	188.792784	188.792784	0.000000
Benif Saleable Energy @ECR	BSLE_DE_ECR	183.026111	175.986645	-7.039466

**(C) Bill Details for FY 2016 - 2017 ( Figures in Rs.**

Description		Jpto Previous Bil	Jpto Current Bill	Current Bill
Benif Energy Charges upto DE @ECR	BEC_DE_ECR	730,640,235	730,696,550	56,315
Beneficiary Capacity Charges	BCC	730,669,000	730,669,000	0
Water Use Chrg (PWATER+PWATER_2013)	BWATER	41,611,488	41,611,488	0
LAD FUND(1% FREE POWER) in the bill	LAD_DEBIT	-16,796,658	0	16,796,658
to be transfered to LAD FUND	LAD_PASS	16,796,658	0	-16,796,658

<b>Total Charges</b>	<b>1,502,920,723</b>	<b>1,502,977,038</b>	<b>56,315</b>
<b>Amount Due In This Bill</b>			<b>56,315</b>
<b>Amount For The Purpose Of Rebate #</b>			<b>56,315</b>

**(D) Outstanding - Principal (Rs)**

Description	Previous Balance	Amount Billed	Amount Received	Rebate Allowed	Adjustments	Total Outstanding
Principal	1,292,040,522	56,315	0	0	0	1,292,096,837

- 1 PCC = ( 0.5 \* AFC \* 1,00,00,000 ( PAFM / NAPAF ) \* ( NDM / NDY))
- 2 ECR = 0.5 \* AFC \* 10 / SLDE
- 3 M\_ECR = IF (M\_ADE = 0) THEN 0 ELSE 0.5 \* AFC \* 10 / (M\_ADE \* (1 - AC0914 / 100) \* 0.88)
- 4 BEC\_DE\_ECR = BSLE\_DE\_ECR \* ECR \* 10,00,000
- 5 BEC\_DE\_MECR = BSLE\_DE\_MECR \* MECR \* 10,00,000
- 6 BCC = PCC \* CS / 88





**NHPC Ltd.**  
(A Schedule 'A' Enterprise of Govt. of India)  
NHPC Office

<b>Address of Beneficiary</b>  <b>THE EXECUTIVE ENGINEER,</b> <b>JAMMU</b> <b>LOAD &amp; DESPATCH, METERING AND</b> <b>TESTING(LDM &amp; T DIV)GLADNI, NARWAL,</b> <b>JAMMU - 180001</b> <b>JAMMU AND KASHMIR</b> <b>GST No. :</b>	<b>BILL FOR</b> <b>Mar 2018</b>  <b>BILL TYPE</b> <b>PROVISIONAL</b>  <b>BILL NO</b> <b>122B00520171038</b>  <b>BILL DATE</b> <b>10-April-2018</b>  <b>HSN No. :</b> <b>27160000</b>
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**PROJECT CHUTAK**  
**NHPC LTD.PO MINJI Distt. Kargil(Ladakh) 193108 - Kargil JK IN - INDIA**  
**PROJECT GST No. : 01AAACN0149C3ZB**

Date of Commercial Operation	COD	20130201	*	Energy Charge Rate - AC-Normative	ECR_NOR	4.136	Rs/KwH
Project age	P_AGE	4	year	Energy Charge Rate - AC-Actual	ECR_ACT	4.158	Rs/KwH
Annual DE	ADE	212.930000	MU	Energy Charge shortfall prev to prev year	PEC_SF2	239852423	Rs
Auxilliary Consumption-Normative	AC_NOR	5.000	%	Secondary Energy Charge Rate	SE_RATE1419	0.900	Rs/KwH
Auxilliary Consumption-Actual	AC_ACT	5.500	%	Plant Availability Factor for the Month	PAFM	50.000	%
Annual Fixed Charges Billed	AFC	145.568100	Cr	Saleable Design Energy for the month	SLDEM	175.986645	MU
Normative Plant Availability Factor	NAPAF	50.000	%	Saleable Capacity Share	CS	87.000	%
Saleabe Annual design energy	SLDE	175.986645	MU	No of days for the month	NDM	365	Days
Saleabe Annual design energy-AC-Actual	SLDE_ACT	175.060400	MU	No of days in year	NDY	365	Days
Project Scheduled Energy prev year	PSCH_PY1	217.003200	MU				
Project Scheduled Energy prev to prev year	PSCH_PY2	135.930420	MU				

**(A) Power Station-wise Energy Calculation for the month of Mar-2018 )**

Proj Actual Generation	PACTUAL_GEN	42.578800	MU	Project Energy Charges @ECR	PEC_DE_ECR	727880764	Rs
Proj Deemed Generation	PDEEM_GEN	181.626500	MU	Capacity Charges	PCC	727840500	Rs
Scheduled Energy	PSCH	224.205300	MU	Misc. Charges	PMISC	427259	Rs
Free Energy	PPF	29.146689	MU	Water Usage Charges Apr - Sep	PWATER	18252459	Rs
Saleable Energy	PSLE	195.058611	MU	<b>Total Charges</b>	<b>PTC</b>	<b>1474400982</b>	<b>Rs</b>
Project Saleable Energy upto DE	PSLE_DE	175.986645	MU				
Saleable Energy upto DE@ECR	PSLE_DE_ECR	175.986645	MU				

**(B) Beneficiary-wise Power Calculation in (MU)**

Description			Prev Mar-2018	New Mar-2018	Mar-2018
1	Beneficiary Scheduled Energy	BSCH	220.632700	224.205300	3.572600
	Free Power	BFP	28.682252	29.146689	0.464437
3	Saleable Energy	BSLE	191.950448	195.058611	3.108163
4	Benif Saleable Energy @ECR	BSLE_DE_ECR	180.364832	175.986645	-4.378187

**(C) Bill Details for the Month of Mar-2018**

Description			Prev Mar-2018	New Mar-2018	Mar-2018
1	Benif Energy Charges upto DE @ECR	BEC_DE_ECR	745,069,078	727,880,764	-17,188,314
2	Beneficiary Capacity Charges	BCC	518,436,200	727,840,500	209,404,300
3	Beneficiary Misc	BMISC	427,259	427,259	0
4	Water Use Chrg (PWATER+PWATER_2013)*(BSCH/P	BWATER	18,252,459	18,252,459	0
5	LAD FUND(1% FREE POWER) in the bill	LAD_DEBIT	0	-16,732,428	-16,732,428
6	to be transferred to LAD FUND	LAD_PASS	0	16,732,428	16,732,428

<b>Total Charges</b>	<b>1,282,184,996</b>	<b>1,474,400,982</b>	<b>192,215,986</b>
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**(D) Outstanding - Principal (Rs)**



*Sund*  
(Prashant Agarwal)

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NHPC Ltd.  
(A Schedule 'A' Enterprise of Govt. of India)  
NHPC Office

<b>Address of Beneficiary</b>  THE EXECUTIVE ENGINEER, JAMMU LOAD & DESPATCH, METERING AND TESTING(LDM & T DIV)GLADNI, NARWAL, JAMMU - 180001 JAMMU AND KASHMIR GST No. :	<b>BILL FOR</b>	Mar 2019
	<b>BILL TYPE</b>	PROVISIONAL
	<b>BILL NO</b>	122B00520181077
	<b>BILL DATE</b>	08-April-2019
	<b>HSN No. :</b>	27160000

<b>PROJECT</b>	<b>CHUTAK</b>
NHPC LTD.PO MINJI Distt. Kargil(Ladakh) 193108 - Kargil JK IN - INDIA	
<b>PROJECT GST No. :</b>	01AAACN0149C3ZB

Date of Commercial Operation	COD	20130201	*	Energy Charge Rate - AC-Normative	ECR_NOR	4.131	Rs/Kw H
Project age	P_AGE	5	year	Energy Charge Rate - AC-Actual	ECR_ACT	4.166	Rs/Kw H
Annual DE	ADE	212.930000	MU	Energy Charge shortfall prev to prev year	PEC_SF2	67543	Rs
Auxilliary Consumption-Normative	AC_NOR	5.000	%	Secondary Energy Charge Rate	SE_RATE1419	0.900	Rs/Kw H
Auxilliary Consumption-Actual	AC_ACT	5.800	%	Plant Availability Factor for the Month	PAFM	50.000	%
Annual Fixed Charges Billed	AFC	145.393700	Cr	Saleable Design Energy for the month	SLDEM	175.986645	MU
Normative Plant Availability Factor	NAPAF	50.000	%	Saleable Capacity Share	CS	87.000	%
Saleable Annual design energy	SLDE	175.986645	MU	No of days for the month	NDM	365	Days
Saleable Annual design energy-AC-Actual	SLDE_ACT	174.504652	MU	No of days in year	NDY	365	Days
Project Scheduled Energy prev year	PSCH_PY1	224.205300	MU				
Project Scheduled Energy prev to prev year	PSCH_PY2	217.003200	MU				

**(A) Power Station-wise Energy Calculation for the month of Mar-2019 )**

Proj Actual Generation	PACTUAL_GEN	45.435300	MU	Project Energy Charges @ECR	PEC_DE_ECR	695721828	Rs
Proj Deemed Generation	PDEEM_GEN	148.145010	MU	Capacity Charges	PCC	726968500	Rs
Scheduled Energy	PSCH	193.580310	MU	Misc. Charges	PMISC	193600	Rs
Free Energy	PFP	25.165440	MU	Water Usage Charges Apr - Sep	PWATER	21138019	Rs
Saleable Energy	PSLE	168.414870	MU	<b>Total Charges</b>	<b>PTC</b>	<b>1444021947</b>	<b>Rs</b>
Project Saleable Energy upto DE	PSLE_DE	168.414870	MU				
Saleable Energy upto DE@ECR	PSLE_DE_ECR	168.414870	MU				

**(B) Beneficiary-wise Power Calculation in (MU)**

Description		Prev Mar-2019	New Mar-2019	Mar-2019
1 Beneficiary Scheduled Energy	BSCH	190.563210	193.580310	3.017100
2 Free Power	BFP	24.773217	25.165440	0.392223
3 Saleable Energy	BSLE	165.789993	168.414870	2.624877
4 Benif Saleable Energy @ECR	BSLE_DE_ECR	165.789993	168.414870	2.624877

**(C) Bill Details for the Month Mar-2019**

Description		Prev Mar-2019	New Mar-2019	Mar-2019
1 Benif Energy Charges upto DE @ECR	BEC_DE_ECR	682,170,801	695,721,828	13,551,027
2 Beneficiary Capacity Charges	BCC	452,613,377	726,968,500	274,355,123
3 Beneficiary Misc	BMISC	193,600	193,600	0
4 Water Use Chrg (PWATER+PWATER_2013)*(BS	BWATER	21,138,019	21,138,019	0
5 LAD FUND(1% FREE POWER) in the bill	LAD_DEBIT	0	-16,352,762	-16,352,762



*(Signature)*  
 AJAY KUMAR SINGHAL  
 DM (FINANCE) - COMMERCIAL

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# **ANNEX-IX**

**NHPC LTD.****DOMESTIC FINANCE SECTION****STATEMENT SHOWING YEAR WISE SAVING ON ACCOUNT OF REFINANCING OF TERM LOANS WITH LOAN/BONDS IN R/O CHUTAK  
POWER STATION DURING THE PERIOD 2014-19**

Amount Rs. in Lacs

S. No.	Particulars	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	TOTAL
A	Net Normative Loan - Opening as per Form-13A	55,326.72	52,480.41	49,114.75	45,260.05	41,003.80	
B	Net Normative Loan - Closing as per Form-13A	52,480.41	49,114.75	45,260.05	41,003.80	36,728.47	
C	Average Normative Loan during the Year (A+B)/2	53903.56	50797.58	47187.40	43131.92	38866.13	
D	Weighted Average rate of Interest if refinancing had not taken place as per Annexure - I	3.593%	3.522%	3.487%	2.933%	2.864%	
E	Weighted Average rate of Interest after refinancing as per Form-13A	3.593%	3.522%	3.487%	2.913%	2.857%	
F	Saving in weighted average rate of Interest due to refinancing (D-E)	0.000%	0.000%	0.000%	0.020%	0.007%	
G	Saving in Interest due to refinancing (C x F)	0.00	0.00	0.00	8.47	2.66	11.13

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)



## Annexure-I

## Form 13 - Calculation of Weighted Average Rate of Interest (on assumption that no refinancing take place)

Name of the Company  
Name of the Power Station

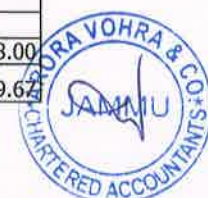
NHPC LTD.  
CHUTAK PS

(Amount in lacs)

Sl. no	Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
	1	2	3	4	5	6
<b>1</b>	<b>PFC</b>					
	Gross loan - Opening	7000.00	7000.00	7000.00	7000.00	7000.00
	Cumulative repayments of Loans upto previous year	1750.00	2450.00	3150.00	3850.00	4550.00
	Net loan - Opening	5250.00	4550.00	3850.00	3150.00	2450.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	700.00	700.00	700.00	700.00	700.00
	Net loan - Closing	4550.00	3850.00	3150.00	2450.00	1750.00
	Average Net Loan	4900.00	4200.00	3500.00	2800.00	2100.00
	Rate of Interest on Loan	9.90%	10.17%	10.17%	10.17%	7.80%
	Interest on loan	491.69	422.12	349.90	216.59	159.13
<b>2</b>	<b>SUB-ORDINATE DEBT Govt. of India</b>					
	Gross loan - Opening	36400.00	36400.00	38336.00	52971.00	55475.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	36400.00	36400.00	38336.00	52971.00	55475.00
	Add: Drawal(s) during the Year	0.00	1936.00	14635.00	2504.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	2311.46
	Net loan - Closing	36400.00	38336.00	52971.00	55475.00	53163.54
	Average Net Loan	36400.00	37368.00	45653.50	54223.00	54319.27
	Rate of Interest on Loan	2.50%	2.50%	2.50%	2.50%	2.50%
	Interest on loan	910.00	916.74	1251.10	1347.44	1377.53
<b>3</b>	<b>CORPORATION BANK LOAN</b>					
	Gross loan - Opening	88.00	88.00	88.00	88.00	88.00
	Cumulative repayments of Loans upto previous year	0.00	1.83	9.17	16.50	23.83
	Net loan - Opening	88.00	86.17	78.83	71.50	64.17
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	1.83	7.33	7.33	7.33	7.33
	Net loan - Closing	86.17	78.83	71.50	64.17	56.83
	Average Net Loan	87.08	82.50	75.17	67.83	60.50
	Rate of Interest on Loan	10.25%	10.25%	9.65%	8.75%	8.75%
	Interest on loan	8.98	8.07	7.16	5.86	5.22
<b>4</b>	<b>Q SERIES BONDS</b>					
	Gross loan - Opening	500.00	500.00	500.00	500.00	500.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	41.67	83.33	125.00
	Net loan - Opening	500.00	500.00	458.33	416.67	375.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	41.67	41.67	41.67	41.67
	Net loan - Closing	500.00	458.33	416.67	375.00	333.33
	Average Net Loan	500.00	479.17	437.50	395.83	354.17
	Rate of Interest on Loan	9.25%	9.25%	9.25%	9.25%	9.25%
	Interest on loan	46.25	46.02	42.16	38.33	34.48
<b>5</b>	<b>R-1 Series BONDS</b>					
	Gross loan - Opening	192.00	192.00	192.00	192.00	192.00
	Cumulative repayments of Loans upto previous year	0.00	16.00	32.00	48.00	64.00
	Net loan - Opening	192.00	176.00	160.00	144.00	128.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	16.00	16.00	16.00	16.00	16.00
	Net loan - Closing	176.00	160.00	144.00	128.00	112.00
	Average Net Loan	184.00	168.00	152.00	136.00	120.00
	Rate of Interest on Loan	8.70%	8.70%	8.70%	8.70%	8.70%
	Interest on loan	16.52	15.16	13.70	12.33	10.95
<b>6</b>	<b>State Bank of India Loan</b>					
	Gross loan - Opening	358.00	358.00	358.00	358.00	358.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	29.83	59.67

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## Annexure-I

## Form 13 - Calculation of Weighted Average Rate of Interest (on assumption that no refinancing take place)

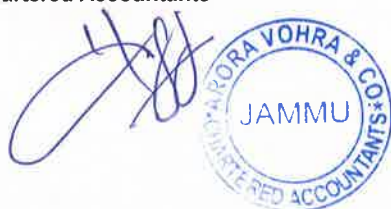
Name of the Company  
Name of the Power Station

NHPC LTD.  
CHUTAK PS

(Amount in lacs)

Sl. no	Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
	1	2	3	4	5	6
	Net loan - Opening	358.00	358.00	358.00	328.17	298.33
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	29.83	29.83	29.83
	Net loan - Closing	358.00	358.00	328.17	298.33	268.50
	Average Net Loan	358.00	358.00	343.08	313.25	283.42
	Rate of Interest on Loan	10.49%	10.25%	9.30%	9.15%	8.00%
	Interest on loan	36.98	34.66	31.82	26.16	22.94
<b>7</b>	<b>S1-Series Bonds</b>					
	Gross loan - Opening	0.00	1225.00	1225.00	1225.00	1225.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	122.50	245.00	367.50
	Net loan - Opening	0.00	1225.00	1102.50	980.00	857.50
	Add: Drawal(s) during the Year	1225.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	122.50	122.50	122.50	122.50
	Net loan - Closing	1225.00	1102.50	980.00	857.50	735.00
	Average Net Loan	612.50	1163.75	1041.25	918.75	796.25
	Rate of Interest on Loan	8.49%	8.49%	8.49%	8.49%	8.49%
	Interest on loan	35.90	100.58	89.82	79.55	69.21
<b>8</b>	<b>X-Series Bonds</b>					
	Gross loan - Opening	0.00	0.00	0.00	0.00	0.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	8758.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	8758.00
	Average Net Loan	0.00	0.00	0.00	0.00	4379.00
	Rate of Interest on Loan	0.00%	0.00%	0.00%	0.00%	8.65%
	Interest on loan	0.00	0.00	0.00	0.00	107.93
	<b>TOTAL LOANS</b>					
	Gross loan - Opening	44538.00	45763.00	47699.00	62334.00	64838.00
	Cumulative repayments of Loans upto previous year	1750.00	2467.83	3355.33	4272.67	5190.00
	Net loan - Opening	42788.00	43295.17	44343.67	58061.33	59648.00
	Add: Drawal(s) during the Year	1225.00	1936.00	14635.00	2504.00	8758.00
	Less: Repayment (s) of Loans during the year	717.83	887.50	917.33	917.33	3228.79
	Net loan - Closing	43295.17	44343.67	58061.33	59648.00	65177.21
	Average Net Loan	43041.58	43819.42	51202.50	58854.67	62412.60
	Interest on loan	1546.32	1543.36	1785.67	1726.27	1787.39
	<b>Weighted average Rate of Interest on Loans</b>	3.59%	3.52%	3.49%	2.93%	2.86%

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comml.)

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Name of the Company  
Name of the Power Station

NHPC LTD.  
CHUTAK PS

Appendix to Annex-1

Calculation of Interest taken in Form 13  
(on assumption that no refinancing take place)

(Amount in lacs)

Sl. No.	Principal	Date of Repayment	Amount of Installment	From	to	Days	Interest Rate (%)	Interest	Intt. In form 13
1	<b>PFC</b>								
	5250.00			01-Apr-14	14-Apr-14	14	9.90%	19.94	
	5075.00	15-Apr-14	175.00	15-Apr-14	14-Jul-14	91	10.17%	128.68	
	4900.00	15-Jul-14	175.00	15-Jul-14	14-Oct-14	92	10.17%	125.61	
	4725.00	15-Oct-14	175.00	15-Oct-14	14-Jan-15	92	10.17%	121.12	
	4550.00	15-Jan-15	175.00	15-Jan-15	31-Mar-15	76	10.17%	96.35	491.69
	4550.00			01-Apr-15	14-Apr-15	14	10.17%	17.75	
	4375.00	15-Apr-15	175.00	15-Apr-15	14-Jul-15	91	10.17%	110.93	
	4200.00	15-Jul-15	175.00	15-Jul-15	14-Oct-15	92	10.17%	107.66	
	4025.00	15-Oct-15	175.00	15-Oct-15	14-Jan-16	92	10.17%	103.18	
	3850.00	15-Jan-16	175.00	15-Jan-16	31-Mar-16	77	10.17%	82.60	422.12
	3850.00			01-Apr-16	14-Apr-16	14	10.17%	15.02	
	3675.00	15-Apr-16	175.00	15-Apr-16	14-Jul-16	91	10.17%	93.18	
	3500.00	15-Jul-16	175.00	15-Jul-16	14-Oct-16	92	10.17%	89.72	
	3325.00	15-Oct-16	175.00	15-Oct-16	15-Jan-17	93	10.17%	86.16	
	3150.00	16-Jan-17	175.00	16-Jan-17	31-Mar-17	75	10.17%	65.83	349.90
	3150.00			01-Apr-17	14-Apr-17	14	10.17%	12.29	
	2975.00	15-Apr-17	175.00	15-Apr-17	14-Jul-17	91	7.80%	57.85	
	2800.00	15-Jul-17	175.00	15-Jul-17	14-Oct-17	92	7.80%	55.05	
	2625.00	15-Oct-17	175.00	15-Oct-17	14-Jan-18	92	7.80%	51.61	
	2450.00	15-Jan-18	175.00	15-Jan-18	31-Mar-18	76	7.80%	39.79	216.59
	2450.00			01-Apr-18	14-Apr-18	14	7.80%	7.33	
	2275.00	15-Apr-18	175.00	15-Apr-18	14-Jul-18	91	7.80%	44.24	
	2100.00	15-Jul-18	175.00	15-Jul-18	14-Oct-18	92	7.80%	41.29	
	1925.00	15-Oct-18	175.00	15-Oct-18	14-Jan-19	92	7.80%	37.85	
	1750.00	15-Jan-19	175.00	15-Jan-19	31-Mar-19	76	7.80%	28.42	159.13
			<b>3500</b>			<b>1826</b>		<b>1639.43</b>	<b>1639.43</b>
2	<b>SUBORDINATE DEBT GOI</b>								
	36400.00			01-Apr-14	31-Mar-15	365	2.50%	910.00	910.00
	36400.00			01-Apr-15	09-Feb-16	315	2.50%	783.20	
	38336.00			10-Feb-16	31-Mar-16	51	2.50%	133.55	916.74
	38336.00			01-Apr-16	12-Jun-16	73	2.50%	191.68	
	52971.00			13-Jun-16	31-Mar-17	292	2.50%	1059.42	1251.10
	52971.00			01-Apr-17	13-Jul-17	104	2.50%	377.33	
	53733.00			14-Jul-17	10-Jan-18	181	2.50%	666.14	
	55475.00			11-Jan-18	31-Mar-18	80	2.50%	303.97	1347.44
	55475.00			01-Apr-18	31-Jan-19	306	2.50%	1162.70	
	53163.54	01-Feb-19	2311.46	01-Feb-19	31-Mar-19	59	2.50%	214.84	1377.53
			<b>2311</b>			<b>1826</b>		<b>5802.82</b>	<b>5802.82</b>
3	<b>Corporation Bank Loan</b>								
	88.00			01-Apr-14	04-Jan-15	279	10.25%	6.89	
	86.17	05-Jan-15	1.83	05-Jan-15	31-Mar-15	86	10.25%	2.08	8.98
	86.17			01-Apr-15	03-Apr-15	3	10.25%	0.07	
	84.33	04-Apr-15	1.83	04-Apr-15	31-May-15	58	10.25%	1.37	
	84.33			01-Jun-15	03-Jul-15	33	10.00%	0.76	
	82.50	04-Jul-15	1.83	04-Jul-15	04-Jul-15	1	10.00%	0.02	
	82.50			05-Jul-15	23-Aug-15	50	10.00%	1.13	
	82.50			24-Aug-15	04-Oct-15	42	9.90%	0.94	
	80.67	05-Oct-15	1.83	05-Oct-15	07-Oct-15	3	9.90%	0.07	
	80.67			08-Oct-15	31-Dec-15	85	9.65%	1.81	
	80.67			01-Jan-16	04-Jan-16	4	9.65%	0.09	
	78.83	05-Jan-16	1.83	05-Jan-16	31-Mar-16	87	9.65%	1.81	8.07
	78.83			01-Apr-16	03-Apr-16	3	9.65%	0.06	
	77.00	04-Apr-16	1.83	04-Apr-16	04-Jul-16	92	9.65%	1.87	
	75.17	05-Jul-16	1.83	05-Jul-16	04-Oct-16	92	9.65%	1.82	
	73.33	05-Oct-16	1.83	05-Oct-16	31-Dec-16	88	9.65%	1.80	

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Sl. No.	Principal	Date of Repayment	Amount of Installment	From	to	Days	Interest Rate (%)	Interest	Intt. In form 13
	73.33			01-Jan-17	04-Jan-17	4	9.65%	0.08	
	71.50	05-Jan-17	1.83	05-Jan-17	31-Mar-17	86	9.65%	1.63	7.16
	71.50			01-Apr-17	04-Apr-17	4	8.75%	0.07	
	69.67	05-Apr-17	1.83	05-Apr-17	04-Jul-17	91	8.75%	1.52	
	67.83	05-Jul-17	1.83	05-Jul-17	04-Oct-17	92	8.75%	1.50	
	66.00	05-Oct-17	1.83	05-Oct-17	04-Jan-18	92	8.75%	1.46	
	64.17	05-Jan-18	1.83	05-Jan-18	31-Mar-18	86	8.75%	1.32	5.86
	64.17			01-Apr-18	04-Apr-18	4	8.75%	0.06	
	62.33	05-Apr-18	1.83	05-Apr-18	04-Jul-18	91	8.75%	1.36	
	60.50	05-Jul-18	1.83	05-Jul-18	04-Oct-18	92	8.75%	1.33	
	58.67	05-Oct-18	1.83	05-Oct-18	04-Jan-19	92	8.75%	1.29	
	56.83	05-Jan-19	1.83	05-Jan-19	31-Mar-19	86	8.75%	1.17	5.22
			<b>31</b>			<b>1826</b>		<b>35.29</b>	<b>35.29</b>
<b>4</b>	<b>Q Series Bonds</b>								
	500.00			01-Apr-14	11-Mar-15	345	9.250%	43.72	
	500.00			12-Mar-15	31-Mar-15	20	9.250%	2.53	46.25
	500.00			01-Apr-15	10-Mar-16	345	9.250%	43.60	
	458.33	11-Mar-16	41.67	11-Mar-16	31-Mar-16	21	9.250%	2.42	46.02
	458.33			01-Apr-16	09-Mar-17	343	9.250%	39.84	
	416.67	10-Mar-17	41.67	10-Mar-17	31-Mar-17	22	9.250%	2.32	42.16
	416.67			01-Apr-17	11-Mar-18	345	9.250%	36.43	
	375.00	12-Mar-18	41.67	12-Mar-18	31-Mar-18	20	9.250%	1.90	38.33
	375.00			01-Apr-18	11-Mar-19	345	9.250%	32.79	
	333.33	12-Mar-19	41.67	12-Mar-19	31-Mar-19	20	9.250%	1.69	34.48
			<b>167</b>			<b>1826</b>		<b>207.24</b>	<b>207.24</b>
<b>5</b>	<b>R-1 Series Bonds</b>								
	192.00			01-Apr-14	10-Feb-15	316	8.70%	14.46	
	176.00	11-Feb-15	16.00	11-Feb-15	31-Mar-15	49	8.70%	2.06	16.52
	176.00			01-Apr-15	10-Feb-16	316	8.70%	13.26	
	160.00	11-Feb-16	16.00	11-Feb-16	31-Mar-16	50	8.70%	1.91	15.16
	160.00			01-Apr-16	10-Feb-17	316	8.70%	12.02	
	144.00	11-Feb-17	16.00	11-Feb-17	31-Mar-17	49	8.70%	1.68	13.70
	144.00			01-Apr-17	08-Feb-18	314	8.70%	10.78	
	128.00	09-Feb-18	16.00	09-Feb-18	31-Mar-18	51	8.70%	1.56	12.33
	128.00			01-Apr-18	10-Feb-19	316	8.70%	9.64	
	112.00	11-Feb-19	16.00	11-Feb-19	31-Mar-19	49	8.70%	1.31	10.95
			<b>80</b>			<b>1826</b>		<b>68.66</b>	<b>68.66</b>
<b>6</b>	<b>State Bank of India</b>								
	358.00			01-Apr-14	31-Jul-14	122	10.49%	12.55	
	358.00			01-Aug-14	31-Mar-15	243	10.25%	24.43	36.98
	358.00			01-Apr-15	09-Apr-15	9	10.25%	0.90	
	358.00			10-Apr-15	07-Jun-15	59	10.10%	5.84	
	358.00			08-Jun-15	23-Sep-15	108	9.95%	10.54	
	358.00			24-Sep-15	04-Oct-15	11	9.70%	1.05	
	358.00			05-Oct-15	31-Mar-16	179	9.30%	16.33	34.66
	358.00			01-Apr-16	19-Jun-16	80	9.30%	7.30	
	358.00			20-Jun-16	26-Jun-16	7	9.15%	0.63	
	350.54	27-Jun-16	7.46	27-Jun-16	26-Sep-16	92	9.15%	8.08	
	343.08	27-Sep-16	7.46	27-Sep-16	26-Dec-16	91	9.15%	7.83	
	335.63	27-Dec-16	7.46	27-Dec-16	26-Mar-17	90	9.15%	7.57	
	328.17	27-Mar-17	7.46	27-Mar-17	31-Mar-17	5	9.15%	0.41	31.82
	328.17			01-Apr-17	19-Jun-17	80	9.15%	6.58	
	328.17			20-Jun-17	26-Jun-17	7	8.00%	0.50	
	320.71	27-Jun-17	7.46	27-Jun-17	26-Sep-17	92	8.00%	6.47	
	313.25	27-Sep-17	7.46	27-Sep-17	26-Dec-17	91	8.00%	6.25	
	305.79	27-Dec-17	7.46	27-Dec-17	26-Mar-18	90	8.00%	6.03	
	298.33	27-Mar-18	7.46	27-Mar-18	31-Mar-18	5	8.00%	0.33	26.16
	298.33			01-Apr-18	26-Jun-18	87	8.00%	5.69	
	290.88	27-Jun-18	7.46	27-Jun-18	26-Sep-18	92	8.00%	5.87	
	283.42	27-Sep-18	7.46	27-Sep-18	26-Dec-18	91	8.00%	5.65	
	275.96	27-Dec-18	7.46	27-Dec-18	26-Mar-19	90	8.00%	5.44	
	268.50	27-Mar-19	7.46	27-Mar-19	31-Mar-19	5	8.00%	0.29	



Sl. No.	Principal	Date of Repayment	Amount of Installment	From	to	Days	Interest Rate (%)	Interest	Intt. In form 13
			89.50			1826		152.57	152.57
<b>7</b>	<b>S1-Series Bonds</b>								
	1225.00			26-Nov-14	31-Mar-15	126	8.49%	35.90	35.90
	1225.00			01-Apr-15	25-Nov-15	239	8.49%	68.10	
	1102.50	26-Nov-15	122.50	26-Nov-15	31-Mar-16	127	8.49%	32.48	100.58
	1102.50			01-Apr-16	25-Nov-16	239	8.49%	61.10	
	980.00	26-Nov-16	122.50	26-Nov-16	31-Mar-17	126	8.49%	28.72	89.82
	980.00			01-Apr-17	23-Nov-17	237	8.49%	54.02	
	857.50	24-Nov-17	122.50	24-Nov-17	31-Mar-18	128	8.49%	25.53	79.55
	857.50			01-Apr-18	25-Nov-18	239	8.49%	47.67	
	735.00	26-Nov-18	122.50	26-Nov-18	31-Mar-19	126	8.49%	21.54	69.21
			490			1587		375.07	375.07
<b>8</b>	<b>X-Series Bonds</b>								
	8758.00			08-Feb-19	31-Mar-19	52	8.65%	107.93	107.93
			0.00						107.93

For Arora Vohra & Co.  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
General Manager (Comm.)



Annexure-II

**NHPC LTD.**  
**DOMESTIC FINANCE SECTION**  
**STATEMENT SHOWING PROJECT WISE COST OF REFINANCING UP TO 31.03.2019**

Amount in Rs.

NAME OF PROJECTS	Trusteeship Fee, Credit Rating-CARE, RTA, Listing-NSE/BSE, NSDL/CDSL, DTD Stamp Duty, DTD Registration Consultant, Certification-Utilization/Security Coverage, Charge for V and V1 Series Bonds				Trusteeship Fee, Credit Rating-CARE, RTA, Listing-NSE/BSE, NSDL/CDSL, DTD Stamp Duty, DTD Registration Consultant, Certification-Utilization/Security Coverage, Charge for W1 and W2 Series Bonds				Premium on Prepayment of term loan from PFC Ltd.				TOTAL REFINANCING COST			
	F/Y 2016-17	F/Y 2017-18	F/Y 2018-19	TOTAL up to F/Y 2018-19	F/Y 2016-17	F/Y 2017-18	F/Y 2018-19	TOTAL up to F/Y 2018-19	F/Y 2016-17	F/Y 2017-18	F/Y 2018-19	TOTAL up to F/Y 2018-19	F/Y 2016-17	F/Y 2017-18	F/Y 2018-19	TOTAL up to F/Y 2018-19
Chamera-III Power Station		2,31,717	20,268	2,31,717	-	-	-	-	-	-	-	-	-	2,31,717	20,268	2,51,985
Chutak Power Station		747	64	747	-	29,852	1,820	29,852	-	33,04,000	-	33,04,000	-	33,34,599	1,884	33,36,483
Nimmo-Bazgo Power Station		5,882	516	5,882	-	83,069	5,060	83,069	-	-	-	-	-	88,951	5,576	94,527
Parbati-III Power Station	5,02,202	59,493	49,136	5,61,695	-	1,84,337	11,232	1,84,337	-	-	-	-	5,02,202	2,43,830	60,368	8,06,400
Sewa-II Power Station	-	-	-	-	-	69,136	4,212	69,136	-	63,96,338	-	63,96,338	-	64,65,474	4,212	64,69,686
Teesta-V Power Station	-	-	-	-	-	17,792	1,084	17,792	-	16,46,100	-	16,46,100	-	16,63,892	1,084	16,64,976
TLDP-III Power Station	2,13,275	25,266	20,868	2,38,541	-	2,69,282	16,408	2,69,282	-	99,56,250	-	99,56,250	2,13,275	1,02,50,798	37,276	1,05,01,349
TLDP-IV Power Station	-	-	-	-	-	1,88,229	11,472	1,88,229	4,31,25,000	-	-	4,31,25,000	4,31,25,000	1,88,229	11,472	4,33,24,701
Uri-II Power Station	4,82,590	57,170	47,216	5,39,760	-	1,84,560	11,248	1,84,560	-	-	-	-	4,82,590	2,41,730	58,464	7,82,784
<b>TOTAL SAVING OF O&amp;M</b>	<b>11,98,067</b>	<b>3,80,275</b>	<b>1,38,068</b>	<b>15,78,342</b>	-	<b>10,26,257</b>	<b>62,536</b>	<b>10,26,257</b>	<b>4,31,25,000</b>	<b>2,13,02,688</b>	-	<b>6,44,27,688</b>	<b>4,43,23,067</b>	<b>2,27,09,220</b>	<b>2,00,604</b>	<b>6,72,32,891</b>
Parbati-II		67,899	5,940	67,899	-	8,66,900	52,828	8,66,900	-	6,44,72,250	-	6,44,72,250	-	6,54,07,049	58,768	6,54,65,817
Kishanganga		58,894	5,152	58,894	-	30,914	1,884	30,914	-	-	-	-	-	89,808	7,036	96,844
Subansiri Lower Project		2,85,006	24,932	2,85,006	-	93,682	5,708	93,682	-	-	-	-	-	3,78,688	30,640	4,09,328
<b>TOTAL O&amp;M PROJECTS</b>	<b>-</b>	<b>4,11,799</b>	<b>36,024</b>	<b>4,11,799</b>	-	<b>9,91,496</b>	<b>60,420</b>	<b>9,91,496</b>	<b>-</b>	<b>6,44,72,250</b>	<b>-</b>	<b>6,44,72,250</b>	<b>-</b>	<b>6,58,75,545</b>	<b>96,444</b>	<b>6,59,71,989</b>
<b>GTRAND TOTAL</b>	<b>11,98,067</b>	<b>7,92,074</b>	<b>1,74,092</b>	<b>19,90,141</b>	<b>-</b>	<b>20,17,753</b>	<b>1,22,956</b>	<b>20,17,753</b>	<b>4,31,25,000</b>	<b>8,57,74,938</b>	<b>-</b>	<b>12,88,99,938</b>	<b>4,43,23,067</b>	<b>8,85,84,765</b>	<b>2,97,048</b>	<b>13,32,04,880</b>



*[Signature]*  
Chief (F) Treasury

*[Signature]*  
Mjr. (F) - I/c

*[Signature]*  
18/01/18  
Mjr. (F) - D.F.S

*[Signature]*  
M (F)

# **ANNEX-X**



EXTRACTS OF THE MINUTES OF THE 427<sup>TH</sup> MEETING OF THE BOARD OF  
DIRECTORS OF NHPC LIMITED HELD ON 17.09.2019

ITEM NO.

427.2.3 APPROVAL FOR PROJECTED ADD-CAP EXPENDITURE  
OF POWER STATIONS FOR THE TARIFF PERIOD 2019-24:

1. The Board noted that as per CERC 'terms and conditions of Tariff, Regulations 2019', tariff petition for Add CAP expenditure in respect of NHPC Power Stations is to be filed for the period 2019-24.
2. Director (Technical) informed the Board that Central Electricity Regulatory Commission (CERC) allows tariff of power stations based on the capital cost, as on the beginning of tariff period and projected capital expenditure during the tariff period. Tariff petition in respect of 18 power stations of NHPC shall be filed with CERC, after approval of Board. Tariff petition for remaining two power stations viz. Bairasiul and Loktak, which are under Renovation & Modernization (R&M) shall be filed after completion of R&M works.
3. The additional capital expenditure in respect of 18 power stations for tariff period 2019-24 considering the operational requirements of the power stations has been projected as Rs. 939.58 crore. The proposed capital expenditure shall be incurred as per approval of CERC and after obtaining required approval of competent authority as per delegation of powers and approved budget.
4. The Board discussed the proposal in detail. After discussion, Board approved the projected additional capital expenditure of 18 power stations amounting to Rs. 939.58 crore for tariff

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period 2019-24. The Board also passed the following resolutions:

**RESOLVED THAT** the projected additional capital expenditure of 18 power stations amounting to Rs. 939.58 crores for the tariff period 2019-24 be and is hereby approved.

**RESOLVED FURTHER THAT** CMD be and is hereby authorized to modify the projected additional capital expenditure based on the admissibility as per applicable CERC regulations / requirement at site.

*Neelam*

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*Vipaw Sa*  
*17/10/19*



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## NHPC LIMITED

### AGENDA NOTE FOR THE BOARD OF DIRECTORS

ITEM No. 427.2.3

**Sub: Approval for Projected Add-Cap Expenditure of Power Stations for the Tariff Period 2019-24**

#### 1.0 INTRODUCTION

- 1.1. Central Electricity Regulatory Commission (CERC) allows tariff of Power Stations based on the capital cost, as on the beginning of the tariff period and projected capital expenditure for the next five years/end of that tariff period.
- 1.2. CERC vide Notification dated 7<sup>th</sup> March' 2019 has issued the 'Terms and Conditions of Tariff, Regulations 2019' applicable for the period 2019-24.
- 1.3. Accordingly, tariff petition in respect of NHPC Power Stations for the period 2019-24 is to be filed.
- 1.4. In terms of Clause 18(2) of above regulations, resolution of the 'Board' of the Company is required in support of the proposed capital expenditure for the generating stations, from its internal resources.
- 1.5. The projected Capital Expenditure of 18 Power Stations is accordingly submitted herein for appraisal/approval of Board, for inclusion in the tariff petitions for the period 2019-24.

#### 2.0. BACKGROUND

- 2.1. Approval for the projected Additional Capital Expenditure in respect of 18 Power Stations for the tariff period 2014-19 amounting to ₹ 1070.83 crore was accorded by the Board in its 374<sup>th</sup> meeting vide Item No 374.2.32. Tariff



Petitions for these Power Stations were filed with CERC, based on the Projected Add-Cap Expenditure approved by the Board.

- 2.2 Presently, NHPC is having 20 Hydro Power Stations in operation, however, tariff petitions for 18 nos Power Stations are to be filed for determining the tariff in respect of these Power Stations for the period 2019-24. The remaining 2 Power Stations (Bairasiul & Loktak) are/shall be under Renovation & Modernization during this period and hence petition for determination of tariff for these power stations shall be filed after completion of the Renovation & Modernization works in terms of Clause 27 (4) of CERC (Terms & Conditions of Tariff) Regulations 2019. CERC has continued with the methodology of determining tariff based on the projected Additional Capital Expenditure for the current tariff Period (2019-24) also.

### 3.0. PROPOSAL

- 3.1. The projected additional capital expenditure for tariff period 2019-24, proposed by Power Stations, have been examined in O&M Division and Commercial Division and is finalized as ₹ 939.58 Crore.
- 3.2. The year wise capital expenditure projected for the tariff period 2019-24, against all the Power Stations is summarized as under:

#### A. New Power Station

(Rs in Lakhs)

SI No A	Power Station	Projected Add Cap					Total
		2019-20	2020-21	2021-22	2022-23	2023-24	
1	Kishanganga	1958	6237	4810	7216	6240	26462
	<b>Sub Total-A</b>	<b>1958</b>	<b>6237</b>	<b>4810</b>	<b>7216</b>	<b>6240</b>	<b>26462</b>



B. Old Power Stations

(In Lakhs)

Sl No	Power Stations	2019-20	2020-21	2021-22	2022-23	2023-24	Total
1	Salal	2539	1989	1256	2147	2019	9950
2	Dulhasti	546	1219	464	575	452	3256
3	Uri	682	1008	939	148	1007	3784
4	Uri II	2047	1654	1552	2072	1030	8355
5	Chutak	707	865	283	225	145	2225
6	Nimmo Bazgo	12	204	1060	1365	1013	3654
7	Sewa II	12	135	137	321	300	905
8	Chamera I	232	1638	1161	560	207	3799
9	Chamera II	609	485	515	375	450	2434
10	Chamera III	4528	1603	330	260	500	7221
11	Parbati III	1251	111	0	0	0	1362
12	Dhauliganga	188	187	75	100	108	658
13	Tanakpur	87	1441	254	100	200	2082
14	Teesta V	53	351	505	751	66	1725
15	TLD III	85	1240	408	1403	1239	4375
16	TLD IV	412	2191	2853	1600	1500	8556
17	Rangit	742	941	301	725	448	3157
	<b>Sub Total-B</b>	<b>14732</b>	<b>17261</b>	<b>12092</b>	<b>12726</b>	<b>10684</b>	<b>67496</b>
	<b>Total (A+B)</b>	<b>16690</b>	<b>23498</b>	<b>16903</b>	<b>19943</b>	<b>16924</b>	<b>93958</b>



3.3. Break-up of the Add-Cap projected against new Power Station and existing Power Stations in reference to the provisions of CERC Regulations is given as under:

3.3.1. New Power Stations (01 No): Kishanganga Power Station was commissioned in 2018-19 and an amount of ₹ 264.62 Crore is considered in the total projected capital expenditure of ₹ 939.58 Crore, as under:

Rs in lakhs

Sl No	Station	COD	Cut-Off Date	Break-Up of Additional Capital Expenditure			Total
				Within Original Scope & Upto Cut-Off Date	Within Original Scope & Beyond Cut-Off date	Beyond Original Scope	
1	Kishanganga	May'2018	Mar'2021	7460	18090	913	26462

3.3.2. Old Power Stations (17 Nos): .As per Clause No 25 'Additional Capitalisation within the original scope and after the cut-off date' and Clause 26 'Additional Capitalisation beyond the original scope' of CERC Regulations 2019, the break-up of the projected capital expenditure against 17 Nos Power Stations is as under:

Rs in lakhs

Sl No	Station	Break-Up of Additional Capital Expenditure			Total
		Left over items already allowed by CERC in 2014-19	Within Original Scope & Beyond Cut-Off date	Beyond Original Scope	
1	Salal	1963	7614	373	9950
2	Dulhasti	805	1521	929	3256
3	Uri	1459	1743	582	3784



SI No	Station	Break-Up of Additional Capital Expenditure			Total
		Left over items already allowed by CERC in 2014-19	Within Original Scope & Beyond Cut-Off date	Beyond Original Scope	
4	Uri II	7330	281	744	8355
5	Chutak	829	40	1357	2225
6	Nimmo Bazgo	3370	20	264	3654
7	Sewa II	0	849	56	905
8	Chamera I	129	2473	1198	3799
9	Chamera II	340	2014	80	2434
10	Chamera III	0	2059	5162	7221
11	Parbati III	1164	1	197	1362
12	Dhauliganga	104	328	225	658
13	Tanakpur	0	1893	189	2082
14	Teesta V	152	977	597	1725
15	TLD III	1144	439	2792	4375
16	TLD IV	4084	345	4126	8556
17	Rangit	174	2373	610	3157
<b>TOTAL</b>		<b>23046</b>	<b>24969</b>	<b>19480</b>	<b>67496</b>

- 3.4. The proposed capital expenditure will be incurred by the respective Power Stations only after obtaining required approval of competent authority as per Delegation of Powers and approved budget.
- 3.5. Tariff petitions for the period 2019-24 are to be filed with CERC, including the add-cap expenditure proposed above. The proposed add-cap expenditure shall be reviewed after the issue of CERC Orders determining the tariff of Power



Stations for the period 2019-24. Interim truing-up petition shall be filed with CERC in 2021-22 if the annual fixed cost increases by more than 20% over the annual fixed cost as determined by the Commission for the respective years of the tariff period as per Clause 13 (3) of CERC Regulations 2019.

- 3.6. Provided that if the actual additional capital expenditure falls short of the projected additional capital expenditure allowed under provisions of Chapter 7 of CERC Regulations 2019, the generating company or the transmission licensee, as the case may be, shall not be required to file any interim truing up petition for this purpose. and shall refund to the beneficiaries or the long term customers, as the case may be, the excess tariff recovered corresponding to the projected additional capital expenditure not incurred at the bank rate as on 1<sup>st</sup> April of the respective years, under intimation to the Commission.
- 3.7. As per Clause 10 (8) of CERC Regulations 2019, where the capital cost considered by the Commission on the basis of projected additional capital expenditure exceeds the actual additional capital expenditure incurred on year to year basis by more than 10%, the generating company shall refund to the beneficiaries or the long term customers as the case may be, the tariff recovered corresponding to the additional capital expenditure not incurred, as approved by the Commission, along with interest at 1.20 times of the bank rate as prevalent on 1st April of the respective year.
- 3.8. Further as per Clause 10 (9) of CERC Regulations 2019, where the capital cost considered by the Commission on the basis of projected additional capital expenditure falls short of the actual additional capital expenditure incurred by more than 10% on year to year basis, the generating company shall recover from the beneficiaries or the long term customers as the case may be, the shortfall in tariff corresponding to difference in additional capital expenditure, as approved by the Commission, along with interest at the bank rate as prevalent on 1st April of the respective year.





**4.0. JUSTIFICATION:**

The projected additional capital expenditure of ₹ 939.58 Crores for tariff period 2019-24, submitted by Power Stations have been examined in O&M Division and Commercial Division and same have been finalized taking into account the operational requirement of the Power Stations and the provisions contained under the CERC Regulations 2019.

**5.0. MANAGEMENT RECOMMENDATIONS:**

The above proposal bears the recommendation of the Management.

**6.0. RESOLUTIONS:**

The Board may consider passing the following resolutions with or without modifications:

- 6.1. RESOLVED that the projected Additional Capital Expenditure of 18 Power stations amounting to ₹ 939.58 Crores for the tariff period 2019-24 and is hereby approved.
- 6.2. RESOLVED FURTHER THAT CMD is authorized to modify the projected Additional Capital Expenditure based on the admissibility as per applicable CERC regulations/requirement at site.

*Fidhary*  
10/9/19  
DIRECTOR (TECHNICAL)

