

पार्वती-III पावर स्टेशन के संबंध में 2014-19 तक की अवधि के लिए प्रशुल्क का ड्रॉइंग  
अप के लिए याचिका एवं 2019-24 तक की अवधि के लिए प्रशुल्क याचिका

एनएचपीसी लिमिटेड  
(भारत सरकार का उद्यम)



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

वॉल्यूम-1

माननीय केंद्रीय विद्युत विनियामक आयोग, नई दिल्ली के समक्ष

याचिका संख्या /जीटी/2019

निम्नलिखित के विषय में:

पार्वती-III पावर स्टेशन के संबंध में 2014-19 तक की अवधि के लिए प्रशुल्क (टैरिफ) का ड्रइंग अप के लिए केंद्रीय विद्युत विनियामक आयोग (कार्य संचालन) विनियामवली, 1999 के 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 8 और 14, 25(3) के अंतर्गत याचिका।

निम्नलिखित के विषय में:

पार्वती-III पावर स्टेशन के संबंध में 2019-24 तक की अवधि के लिए प्रशुल्क (टैरिफ) के निर्धारण के लिए केंद्रीय विद्युत विनियामक आयोग (कार्य संचालन) विनियामवली, 1999 के 79 (1) और 86, विद्युत अधिनियम, 2003 की धारा 62(1)(क) और केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क के निबंधन और शर्तें) विनियामवली, 2019 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. अध्यक्ष,

पंजाब राज्य विद्युत निगम लिमिटेड

दँ माल, निकट कालीबाडी मंदिर,

पटियाला - 147 001 (पंजाब)

और 12 अन्य

**अनुक्रमणिका**

क्रम सं.	विवरण	पृष्ठ संख्या
	वॉल्युम-1	

1.	अनुक्रमणिका पृष्ठ	
2.	याचिका	
3.	शपथ-पत्र और प्राधिकार पत्र	
4.	<b>अनुबंध</b>	
<b>अनुबंध-I</b>	केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क के निबंधन और शर्तें) विनियमावली, 2014 में यथाविनिर्धारित लेखा-परीक्षित प्रशुल्क फार्म 1 से 16	
<b>अनुबंध-II</b>	केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क के निबंधन और शर्तें) विनियमावली, 2019 में यथाविनिर्धारित लेखा-परीक्षित प्रशुल्क फार्म 1 से 19	
<b>अनुबंध-III</b>	याचिका सं. 06/जीटी/2017 में सीइआरसी प्रशुल्क आदेश दिनांक 23.04.2019 (पार्वती-III पावर स्टेशन)	
<b>अनुबंध-IV</b>	विद्युत मंत्रालय पत्र सं. एफ सं. 2/1/2014-एच.आई (पीटी) दिनांक 29.01.2019	
<b>अनुबंध-V</b>	एनएचपीसी कार्यालय आदेश सं. 16/2019 दिनांक 19.03.2019	
<b>अनुबंध-VI</b>	लेखा परीक्षकों द्वारा विधिवत प्रमाणित प्रभावी कर दर प्रमाणपत्र	
<b>अनुबंध-VII</b>	लेखा परीक्षकों द्वारा विधिवत प्रमाणित जीएसटी ड्युटी का अतिरिक्त प्रभाव	
<b>अनुबंध-VIII</b>	वास्तविक अतिरिक्त खपत के समर्थन में वार्षिक ऊर्जा बिल	
<b>अनुबंध-IX</b>	ऋण की पुनर्वित्त के कारण लाभ की गणना का विवरण	
<b>वॉल्युम-II</b>		
<b>अनुबंध-X</b>	2014-19 और 2019-20 की अवधि के लिए याचिका शुल्क का विवरण	
<b>अनुबंध-XI</b>	वित्त वर्ष 2016-17, 2017-18 और 2018-19 के लिए ऑडिटेड बैलेंस शीट	
<b>अनुबंध-XII</b>	427वें एनएचपीसी निदेशक मंडल की बैठक का कार्यवृत्त और बोर्ड एजेंडा नोट	

अनुबंध-XIII	याचिका क्रमांक 08 / एस एम / 2016 सीईआरसी के आदेश दिनांक 06.05.2016 के अनुसार जाँच सूची	
अनुबंध-XIV	स्पीड पोस्ट रसीद (केवल सीईआरसी के लिए)	

एनएचपीसी लिमिटेड  
के माध्यम से

(एम जी गाखले)  
महा प्रबंधक (वाणिज्यिक)

स्थान : फरीदाबाद

दिनांक : 28.10.2019

माननीय केंद्रीय विद्युत विनियामक आयोग, नई दिल्ली के समक्ष

याचिका संख्या /जीटी/2019

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याचिकाकर्ता :

एनएचपीसी लिमिटेड

(भारत सरकार का उद्यम)

एनएचपीसी कार्यालय परिसर,

सेक्टर-33, फरीदाबाद - 121 003

प्रतिवादीगण

1. अध्यक्ष, पंजाब राज्य विद्युत निगम लिमिटेड दें माल, निकट कालीबाडी मंदिर, पटियाला - 147 001 (पंजाब)	2. अध्यक्ष हरियाणा विद्युत जनोपयोगी सेवाएं (यूएचबीवीएनएल और डीएचबीवीएनएल), शक्ति भवन, सेक्टर-6, पंचकूला (हरियाणा)
3. मुख्य कार्यकारी अधिकारी, बीएसईएस राजधानी पावर लिमिटेड, बीएसईएस भवन, नेहरू प्लेस, नई दिल्ली -110 019	4. मुख्य कार्यकारी अधिकारी, बीएसईएस यमुना पावर लिमिटेड, शक्ति किरण भवन, कड़कड़ूमा, दिल्ली -110 072

<p>5. मुख्य परिचालन अधिकारी, टाटा पावर दिल्ली डिस्ट्रीब्यूशन लि। 33 केवी उप-स्टेशन भवन, हडसन लेन, किंग्सवे कैंप, नई दिल्ली -110 009</p>	<p>6. प्रधान सचिव, विद्युत विकास विभाग, नई सचिवालय, जम्मू -180 001 (जे.एंडके.)</p>
<p>7. अध्यक्ष, उत्तर प्रदेश पावर कॉर्पोरेशन लिमिटेड, शक्ति भवन, 14, अशोक मार्ग, लखनऊ - 226 001 (उत्तर प्रदेश)</p>	<p>8. प्रबंध निदेशक, अजमेर विद्युत वितरण निगम लिमिटेड (एवीवीएनएल), पुराना पावर हाउस, हट्टी भट्ट, जयपुर रोड, अजमेर - 305 001 (राजस्थान)</p>
<p>9. प्रबंध निदेशक, जयपुर विद्युत निगम लिमिटेड (जेवीवीएनएल), विद्युत भवन, जनपथ, जयपुर - 302 005</p>	<p>10. प्रबंध निदेशक, जोधपुर विद्युत निगम लिमिटेड (जेडीवीवीएनएल), न्यू पावर हाउस, औद्योगिक क्षेत्र, जोधपुर - 342003 (राजस्थान)</p>
<p>11. अध्यक्ष-सह-प्रबंध निदेशक, उत्तरांचल पावर कॉर्पोरेशन लि., उर्जा भवन, कंवाली रोड,</p>	<p>12. मुख्य अभियंता और सचिव, इंजीनियरिंग विभाग, प्रथम तल, यूटी सचिवालय, सेक्टर 9-डी, चंडीगढ़ - 160 009</p>
<p>13. अध्यक्ष, हिमाचल प्रदेश राज्य विद्युत बोर्ड, विद्युत भवन, कुमार हाउस, शिमला - 171 004 (हिमाचल प्रदेश)।</p>	

पार्वती-III विद्युत स्टेशन के संबंध में सीईआरसी (कार्यसंचालन) विनियमावली, 1999 के विनियम 79(1) और 86, विद्युत अधिनियम, 2003 की धारा 62(1)(क) और सीईआरसी (प्रशुल्क की निबंधन एवं शर्तें) विनियमावली, 2014 के विनियम 8, 14 और 25(3), इसके उत्तरवर्ती संशोधन तथा सीईआरसी (प्रशुल्क की निबंधन एवं शर्तें) विनियमावली, 2019 के विनियम 9(2), 10(1), 12, 25, 26 और 35(2) के अंतर्गत याचिका।

आदरपूर्वक यह प्रस्तुत किया जाता है कि:

1. एनएचपीसी लिमिटेड, जिसे एतदपश्चात 'एनएचपीसी' कहा गया है, कंपनी अधिनियम, 1956 के आशय से भारत सरकार की एक कंपनी है। इसके अलावा, यह विद्युत अधिनियम, 2003 की धारा 2(28) के अंतर्गत दी गई परिभाषा के अनुसार एक 'उत्पादक कंपनी' है।
2. एनएचपीसी के स्वामित्व वाले पार्वती-III विद्युत स्टेशन (4X130 = 520 मेगावाट) हिमाचल प्रदेश राज्य में स्थित है और यह अपने वाणिज्यिक प्रचालन (अर्थात् 06.06.2014 से) से उत्तरी क्षेत्र में अपने लाभार्थियों को विद्युत की आपूर्ति कर रहा है।
3. एनएचपीसी ने पार्वती-III का निर्माण किया है और यह अपने वाणिज्यिक प्रचालन के समय से उसको प्रचालित और उसका अनुरक्षण कर रहा है। इस विद्युत स्टेशन से उत्पादित विद्युत की आपूर्ति उत्तरी क्षेत्र में विभिन्न थोक विद्युत लाभार्थियों/उपभोक्ताओं/ उत्तराधिकारी यूटिलिटियों अर्थात् यह प्रतिवादियों को उनके साथ किये गये विद्युत क्रय करारों (पीपीए)/बीपीएसए के अनुसार आपूर्ति कर रहा है।
4. विद्युत अधिनियम, 2003 की धारा 62 में उत्पादक कंपनी द्वारा वितरण लाइसेंस को विद्युत की आपूर्ति के लिए उपयुक्त आयोग द्वारा प्रशुल्क के निर्धारण का प्रावधान है। माननीय आयोग को विद्युत अधिनियम, 2003 की धारा 79(1)(क) के

अंतर्गत, केंद्र सरकार के स्वामित्व वाली अथवा उसके नियंत्रणाधीन उत्पादक कंपनियों के प्रशुल्क को विनियमित करने के लिए न्याय क्षेत्र का अधिकार प्रदान किया गया है।

5. माननीय आयोग ने केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क की निबंधन एवं शर्तें) विनियमावली, 2014 और उसके उत्तरवर्ती संशोधनों के अनुसार याचिका सं. 6/जीटी/2017 में दिनांक 23.04.2019 के अपने आदेश के माध्यम से प्रशुल्क अवधि 01.04.2014 से 31.03.2019 के लिए पार्वती-III के प्रशुल्क का निर्धारण किया था। याचिका सं. 6/जी टी/2017 वर्ष 2014-16 के लिए लेखापरीक्षित पूंजी व्यय और 2016-2019 की अवधि के लिए परियोजित व्यय पर आधारित थी।

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

6. जैसा कि उपर्युक्त पैरा-5 में उल्लेख किया गया है कि 2014-16 की अवधि के लिए याचिका सं. 06/जीटी/2017 में दावा किया गया व्यय वास्तविक बही खाते के आधार पर था। तदनुसार, माननीय आयोग से यह अनुरोध किया जाता है कि वे ड्रिंग-अप के उद्देश्य से 2014-16 की अवधि के लिए स्वीकार की गयी पूंजी लागत पर विचार करें। 2016-19 की अवधि के लिए बही खाते के अनुसार वास्तविक पूंजी व्यय वर्तमान याचिका में प्रस्तुत किया गया है।

7. 2014-16 की अवधि के लिए वास्तविक पूंजी लागत और माननीय आयोग द्वारा अपने दिनांक 23.04.2019 (अनुलग्नक-III) के आदेश के माध्यम से अनुमत परियोजित पूंजी व्यय का सारांश नीचे दिया गया है।

(₹ लाख में)

क्र. सं.	वर्ष	01.04.14 से 05.06.14	06.04.14 से 31.03.15	2015-16	2016-17	2017-18	2018-19
क.	आरंभिक पूंजी लागत	187147.46	253863.16	256818.45	261273.77	268973.32	269008.32



ख.	वर्ष/अवधि के दौरान अभिवृद्धि	0.00	2150.85	2027.44	7697.16	35.00	0.00
ग.	घटाएं: पूंजीविहीनता	0.00	1728.63	84.67	0.00	0.00	0.00
घ.	जोड़े: देयताओं का अदायगी	0.00	2533.08	2512.54	2.39	0.00	0.00
ङ.	निवल अतिरिक्त पूंजी व्यय (ख-ग+घ)	0.00	2955.30	4455.32	7699.55	35.00	0.00
च.	अंतिम पूंजी लागत (क+ङ)	187147.46	256818.45	261273.77	268973.32	269008.32	269008.32

माननीय आयोग द्वारा अपने दिनांक 23.04.2019 के आदेश के द्वारा 187147.46 लाख रु. (01.04.2014 की स्थिति के अनुसार) की आरंभिक पूंजी लागत और उपर्युक्त अतिरिक्त पूंजीकरण पर विचार करते हुए अनुमत वार्षिक नियत प्रभार (एएफसी) का ब्यौरा नीचे दिये गये अनुसार है:

(₹ लाख में)

वर्ष	01.04.14 से 05.06.14	06.04.14 से 31.03.15	2015-16	2016-17	2017-18	2018-19
इक्विटी पर	2119.35	13099.87	16223.54	16604.16	16846.36	16887.45

प्रतिफल						
ऋण पर ब्याज	2284.09	13532.80	15613.78	14556.98	13351.53	11735.83
मूल्यहास	1696.06	10400.73	12844.17	13062.30	13252.84	13253.70
कार्यशील पूंजी पर ब्याज	187.00	1155.93	1423.56	1439.25	1449.44	1442.13
ओएंडएम खर्च	843.59	5493.82	7151.82	7626.70	8133.11	8673.15
एएफसी	7130.10	43683.15	53256.87	53289.39	53033.28	51952.26

8. वर्तमान याचिका 2014-19 की अवधि के लिए प्रशुल्क के ड्रइंग-अप के वास्ते सीईआरसी (प्रशुल्क की निबंधन एवं शर्तें) विनियमावली, 2014 के विनियम 8, 14 और 25 के अनुसार दायर की जा रही है। विनियम 8, 14 और 25 के संबंधित उद्धरण को यहां नीचे फिर से प्रस्तुत किया जाता है:

“8. ड्रइंग-अप

(1) आयोग ड्रइंग-अप बनाते समय आयोग द्वारा विवेकसम्मत जांच के बाद स्वीकृति अनुसार 31.03.2019 तक खर्च किए गए अतिरिक्त पूंजीगत व्यय सहित पूंजीगत व्यय के संबंध में अगली प्रशुल्क अवधि के लिए दाखिल की गई प्रशुल्क संबंधी याचिका के साथ-साथ ड्रइंग-अप चार्ज करेगा।

परंतु यह कि यथास्थिति उत्पादक कंपनी या पारेषण लाइसेंसी टैरिफ के पुनरीक्षण के लिए वित्त वर्ष 2016-17 में अतिरिक्त पूंजी व्यय सहित पूंजी व्यय को अंतरिम ड्रइंग-अप बनाने के लिए एक आवेदन पत्र प्रस्तुत करेगा।

(2) उत्पादक स्टेशन निम्नलिखित नियंत्रणीय मानदंडों के कार्यपालन के आधार पर उत्पादन केंद्र के प्रशुल्क को ड्रइंग-अप बनाएंगे:

क) नियंत्रणीय मानदंड:

i) केंद्र ताप कर;

ii) गौण ईंधन तेल खपत;

iii) सहायक ऊर्जा खपत; और

iv) ऋणों का पुनर्वित्तपोषण

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(8) उत्पादक कंपनी एवं पारेषण लाइसेंसी, जैसा भी मामला हो, इस विनियमावली के विनियम 25 के खंड 3 के अनुसार इक्विटी पर प्रतिफल की ग्रॉस-अप दर का ड्रिंग-अप करेगा।

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**“14. अतिरिक्त पूंजीकरण और पूंजीविहीनता:**

(1) नयी परियोजना अथवा किसी मौजूदा परियोजना के संबंध में वाणिज्यिक प्रचालन की तिथि के बाद और अंतिम तिथि तक कार्य के मूल कार्यक्षेत्र के भीतर निम्नलिखित आधारों पर किए गए अथवा किये जाने के लिए परियोजित पूंजी व्यय आयोग द्वारा तर्कसंगतता की जांच पड़ताल किये जाने के अध्यक्षीन स्वीकार किया जायेगा:

(i) अदा न की गई देयताएं जिनकी पहचान भावी तिथि को भुगतान किये जाने योग्य के रूप में की गई हैं;

(ii) निष्पादन के लिए विलंबित कार्य;

(iii) विनियम 13 के प्रावधानों के अनुसार कार्य के मूल कार्यक्षेत्र के भीतर आरंभिक पूंजीगत कल-पुर्जों की खरीद;

(iv) मध्यस्थता के निर्णय को पूरा करने के लिए अथवा इस आदेश या किसी विधि न्यायालय की डिक्री के अनुपालन के लिए देयताएं;

(v) कानून में परिवर्तन अथवा किसी मौजूदा कानून का अनुपालन;

बशर्ते कि भावी तिथि को भुगतान किये जाने के लिए पहचान किये गये खर्च, देयताओं के अनुमान और निष्पादन के लिए विलंबित कार्य के साथ कार्य के मूल कार्यक्षेत्र में शामिल किया गया परिसंपत्ति-वार/ कार्यवार कार्यों का ब्यौरा प्रशुल्क के निर्धारण के लिए आवेदन के साथ प्रस्तुत किया जायेगा।

(2) .....

(3) अंतिम तिथि के बाद निम्नलिखित आधारों पर संचार प्रणाली सहित मौजूदा उत्पादक स्टेशन अथवा पारेषण प्रणाली के संबंध में किये गये अथवा किये जाने के लिए परियोजित पूंजीगत व्यय को आयोग द्वारा तर्कसंगतता की जांच पड़ताल किये जाने के अध्यधीन स्वीकार किया जा सकता है:

(i) मध्यस्थता के निर्णय को पूरा करने के लिए अथवा इस आदेश या किसी विधि न्यायालय की डिक्री के अनुपालन के लिए दायित्व;

(ii) कानून में परिवर्तन अथवा किसी मौजूदा कानून का अनुपालन;

(iii) राष्ट्रीय सुरक्षा/आंतरिक सुरक्षा के लिए उत्तरदायी सांविधिक प्राधिकारियों की उपयुक्त सरकारी एजेंसियों द्वारा दी गई सलाह अथवा निदेश के अनुसार संयंत्र की अधिक सुरक्षा की आवश्यकता के आधार पर किया जाने वाला कोई अन्य खर्च;

(iv) .....

(v) अंतिम तिथि के पूर्व निष्पादित किए गए कार्य, इस प्रकार के निर्वहन न किये गये दायित्व, पैकेज की कुल अनुमानित लागत, इस प्रकार के भुगतान को रोकने के कारण और इस प्रकार के भुगतानों को जारी करने आदि के ब्यौरे की तर्कसंगतता की जांच के बाद कोई दायित्व;

(vi) वास्तविक भुगतानों के द्वारा इस प्रकार के दायित्वों के निर्वहन की सीमा तक अंतिम तिथि के बाद आयोग द्वारा स्वीकार किये गये कार्यों के लिए कोई दायित्व;

(vii) .....

(viii) हाइड्रो उत्पादक स्टेशनों के मामले में, कोई व्यय जो प्राकृतिक आपदाओं के कारण क्षति (लेकिन उत्पादक कंपनी की लापरवाही के कारण विद्युत गृह में पानी के जमा होने

के कारण नहीं) के कारण और किसी बीमा योजना से प्राप्त राशियों के समायोजन के बाद भू-गर्भीय कारणों से आवश्यक हो गया हो और किसी अतिरिक्त कार्य के कारण किये गये व्यय जो सफल और दक्ष संयंत्र प्रचालन के लिए आवश्यक हो गया हो;

(ix) .....

(x) .....

बशर्ते कि अंतिम तिथि के बाद के बाद खरीदे गये औजार और सामानों, फर्नीचर, एयर कंडीशनर, वोल्टेज स्टेबलाइजर, रेफ्रिजरेटर, कूलर, कंप्यूटर, पंखे, वाशिंग मशीन, हीट कंवेक्टर, मैट्रेस, कालीनों आदि सहित छोटी-छोटी मर्दों अथवा परिसंपत्तियों की खरीद करने पर किसी व्यय पर विचार 01.04.2014 से प्रशुल्क के निर्धारण के लिए अतिरिक्त पूंजीकरण के वास्ते नहीं किया जायेगा:

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“25. इक्विटी पर प्रतिफल पर कर:

(3) उत्पादक कंपनी अथवा पारेषण लाइसेंसी, जैसा भी मामला हो, किसी वित्तीय वर्ष की वास्तविक सकल आयकर प्रशुल्क अवधि 2014-15 से 2018-19 तक के संबंध में आयकर प्राधिकारियों से प्राप्त ब्याज सहित कर के किसी प्रतिदाय के लिए विधिवत समायोजित, उस पर ब्याज सहित किसी अतिरिक्त कर मांग के साथ-साथ भुगतान किये गये वास्तविक कर पर आधारित प्रत्येक वित्तीय वर्ष के अंत में इक्विटी पर प्रतिफल के ग्रॉस-अप दर का ड्रिंग-अप करेगा। तथापि, कर राशि के जमा करने अथवा लघु रूप में जमा करने में विलंब के कारण लगने वाले दण्ड, यदि कोई हो, का दावा उत्पादक कंपनी अथवा पारेषण लाइसेंसी, जैसा भी मामला हो, के द्वारा नहीं किया जायेगा। ड्रिंग-अप के बाद इक्विटी पर प्रतिफल पर कर अथवा कटौती पूर्व दर की किसी कम वसूली अथवा अधिक वसूली को लाभार्थियों अथवा दीर्घावधि पारेषण उपभोक्ताओं/डीआईसी, जैसा भी मामला हो, से वर्ष दर वर्ष आधार पर वसूला जायेगा अथवा वापिस किया जायेगा।”

9. माननीय आयोग ने दिनांक 08.03.2017 के स्वयं प्रेरित आदेश सं. 03/एसएम/2017 के द्वारा सीईआरसी प्रशुल्क विनियमावली, 2014 के विनियम 8(1) के अंतर्गत प्रशुल्क के अंतरिम ड्रिंग-अप के प्रावधान की समीक्षा की है। उक्त आदेश के पैरा 4 को नीचे फिर से प्रस्तुत किया जा रहा है :

*“उत्पादक कंपनियों और पारेषण लाइसेंसियों के लिए यह अनिवार्य नहीं होगा कि वे प्रशुल्क विनियमावली, 2014 के विनियम 8 के खंड (1) के परंतुक के संबंध में अंतरिम ड्रिंग-अप के लिए आवेदन दायर करें। उत्पादक कंपनियां अथवा पारेषण लाइसेंसी प्रशुल्क अवधि के अंत में ड्रिंग-अप के लिए आवेदन करेंगे। केवल उन मामलों में, जहां यह अंतर अनुमत वार्षिक नियत प्रभारों का 30 प्रतिशत से अधिक है, उत्पादक कंपनी अथवा पारेषण लाइसेंसी अंतरिम ड्रिंग-अप के लिए आयोग से संपर्क कर सकते हैं।”*

10. जैसाकि पैरा-5 और 6 में उल्लेख किया गया है, याचिका सं. 06/जीटी/2017 2014-16 की अवधि के लिए वास्तविक व्यय पर आधारित थी और आदेश 23.04.2019 को जारी किया गया था। तदनुसार, याचिकाकर्ता ने 2016-17 के दौरान अंतरिम ड्रिंग-अप के लिए माननीय आयोग से संपर्क नहीं किया है।

11. उपर्युक्त को देखते हुए, वर्तमान याचिका को निम्नलिखित कारणों से दायर किया जाता है:

क. सीईआरसी द्वारा दिनांक 23.04.2019 के आदेश के द्वारा 2016-19 के दौरान अनुमत अतिरिक्त पूंजी व्यय में 2016-19 के दौरान पार्वती-III द्वारा खर्च किये गये वास्तविक अतिरिक्त पूंजी व्यय में अंतर है। इसके अलावा, सीईआरसी द्वारा अनुमत कुछ अतिरिक्त पूंजीगत व्यय (जिसमें सदृश्य विलोपन शामिल है) नहीं किया गया है/नहीं किया जाना है और इसलिए अब इस याचिका में अभ्यर्पित किया जा रहा है।

ख. कुछ अतिरिक्त पूंजी व्यय हैं जिन्हें पूर्व में परियोजित नहीं किया गया था, तथापि विद्युत स्टेशन द्वारा स्थल विशिष्ट आवश्यकताओं के कारण खर्च किया गया था, जो सफल और दक्ष संयंत्र प्रचालन के लिए आवश्यक है। इस प्रकार के अतिरिक्त पूंजीकरण को प्रशुल्क के उद्देश्य से पूंजीगत आधार के भाग के रूप में शामिल किये जाने की आवश्यकता है।

ग. सीईआरसी प्रशुल्क विनियमावली, 2014 के विनियम 25(3) के अनुरूप 2014-19 की अवधि के लिए एनएचपीसी पर लागू 'प्रभावी कर दर' के आधार पर इक्विटी पर प्रतिफल की ग्रॉस-अप दर का ड्रिंग-अप करना।

घ. सीईआरसी प्रशुल्क विनियमावली, 2014 के विनियम 8(2)(क)(iii) के अनुसार 2014-19 की अवधि के लिए वास्तविक सहायक ऊर्जा खपत (एयूएक्स) के आधार पर उत्पादक स्टेशन के प्रशुल्क का ड्रिंग-अप करना।

ङ. सीईआरसी प्रशुल्क विनियमावली, 2014 के विनियम 8(2)(क)(iv) के अनुसार ऋण के पुनर्वित्तपोषण के आधार पर उत्पादक स्टेशन के प्रशुल्क का ड्रिंग-अप करना।

12. प्रशुल्क के लिए दावा किए जाने वाले निवल अतिरिक्त पूंजीकरण का ब्यौरा 2014-19 की अवधि के लिए खाते के अनुसार वास्तविक पूंजी अभिवृद्धि से लिया गया है। उसका ब्यौरा नीचे तालिका में दिया गया है:

(₹ लाख में)

क्र. सं.	विवरण	2014-15	2015-16	2016-17	2017-18	2018-19
क.	वर्ष/अवधि के दौरान अभिवृद्धि	2150.85	2027.44	3239.07	2253.33	2000.61
ख.	घटाएं : वर्ष/अवधि के	1728.63	84.67	110.03	10.13	12.46

	<b>दौरान पूंजीविहीनता</b>					
<b>ग.</b>	<b>जोड़े : वर्ष/अवधि के दौरान अदायगी</b>	<b>2533.08</b>	<b>2512.54</b>	<b>1176.88</b>	<b>266.71</b>	<b>340.98</b>
<b>घ.</b>	<b>निवल अभिवृद्धि (क- ख+ग)</b>	<b>2955.30</b>	<b>4455.31</b>	<b>4305.93</b>	<b>2509.91</b>	<b>2329.13</b>

13. कुछ अतिरिक्त पूंजीकरण है जिनके संबंध में पूर्व में याचिका सं. 06/जीटी/2017 में दावा नहीं किया गया था और उत्पादक स्टेशन के सफल और दक्ष प्रचालन के लिए आवश्यक हो गया है। इन कार्यों को विद्युत स्टेशन के स्थल की आवश्यकता के अनुसार किया गया है और इसका पूंजीकरण 2016-19 की अवधि के लिए खातों में किया गया है। इस प्रकार के अतिरिक्त पूंजीकरण के संबंध में दावा फार्म 9क में विस्तृत औचित्य के साथ किया गया है। माननीय आयोग से यह अनुरोध किया जाता है कि वे उत्पादक स्टेशन के प्रशुल्क के उद्देश्य से इस प्रकार के अतिरिक्त पूंजीकरण की अनुमति दें।

14. सीईआरसी प्रशुल्क विनियमावली, 2014 के विनियम 1(13) के अनुसार, पार्वती-III की अंतिम तिथि 31.03.2017 है। कुछ अपरिहार्य परिस्थितियों के कारण, विद्युत स्टेशन अंतिम तिथि के भीतर कतिपय अतिरिक्त पूंजी व्यय करने में सक्षम नहीं था जो मूल कार्यक्षेत्र का हिस्सा था और जिसकी अनुमति भी माननीय आयोग द्वारा दिनांक 23.04.2019 के प्रशुल्क आदेश में दी गई थी। विद्युत स्टेशन ने 2016-19 के दौरान ये खर्च किये हैं और 2019-24 की अवधि के दौरान इसे परियोजित भी किया। विद्युत स्टेशन ने क्रमशः 2017-18 और 2018-19 के दौरान 842.59 लाख रुपए और 135.46 की राशि के पूंजीगत कल-पुर्जों की खरीद भी की है। माननीय आयोग से यह अनुरोध किया जाता है कि वे इन अतिरिक्त पूंजी व्यय और आरंभिक कल-पुर्जों की खरीद की अनुमति दें।

15. संघीय मंत्रिमंडल ने प्रधानमंत्री की अध्यक्षता में दिनांक 16.01.2019 को आयोजित अपनी बैठक में याचिकाकर्ता द्वारा अभिग्रहित किये गये एनएचपीसी लिमि. के



बोर्ड स्तर से नीचे के कार्यपालकों के वेतनमानों को 01.01.1997 से नियमित किये जाने के लिए अपना अनुमोदन दिया है। विद्युत मंत्रालय ने दिनांक 29.01.2019 (अनुलग्नक-IV) के अपने पत्र सं. फा.सं. 2/1/2014-एच.।(पार्ट) के माध्यम से 01.01.1997 से याचिकाकर्ता के बोर्ड स्तर से नीचे के कार्यपालकों के अभिग्रहित वेतनमानों को नियमित करने के लिए सरकार के अनुमोदन को संसूचित किया और सरकार के निर्णय को कार्यान्वित करने के लिए याचिकाकर्ता को निदेश दिया गया है। सरकार के निदेश के अनुरूप, बोर्ड स्तर से नीचे के कार्यपालकों के वेतनमानों की समीक्षा किये जाने और 01.01.2007 से फिर से निर्धारित किया जाना अपेक्षित था। परिणामस्वरूप, याचिकाकर्ता ने दिनांक 19.03.2019 (अनुलग्नक-V) के कार्यालय आदेश सं. 16/2019 में 01.01.1997 से 31.12.2006 तक इन वेतनमानों में कर्मचारियों द्वारा आहरित किये गये वास्तविक वेतन के आधार पर बोर्ड स्तर से नीचे के कार्यपालकों के मामले में 01.01.2007 से वेतन का फिर से निर्धारण किया है। इसके फलस्वरूप, 01.01.2007 से याचिकाकर्ता का बोर्ड स्तर से नीचे के कार्यपालकों को बकाया राशि का भुगतान करना पड़ा और उसका भुगतान वित्तीय वर्ष 2018-19 के दौरान किया गया है।

कर्मचारियों को भुगतान की गयी कुल बकाया राशि का आवंटन लेखांकन नीति के आधार पर निर्माण परियोजनाओं, प्रचालनरत विद्युत स्टेशनों और परियोजनाएं जो 01.01.2007 से 31.03.2019 (आईईडीसी के माध्यम से पूंजीकृत) की अवधि के दौरान निर्माण के अधीन थे, के अंतर्गत किया गया है। प्रचालनरत विद्युत स्टेशनों को आवंटित राशि की वसूली के लिए, याचिकाकर्ता द्वारा एक अलग याचिका प्रस्तुत की जा रही है। चूंकि, पार्वती-III 06.06.2014 तक निर्माणाधीन थी, बकाया राशि का कुछ हिस्सा (7.67 करोड़ रु.) को परियोजना की आईईडीसी के माध्यम से भेजा गया है और वित्तीय वर्ष 2018-19 के दौरान मुख्य परिसंपत्तियों का पूंजीकरण किया गया है। तदनुसार, माननीय आयोग से अनुरोध है कि वे कर्मचारियों के वेतन के नियमितीकरण के कारण वित्तीय वर्ष 2018-19 के दौरान 7.67 करोड़ रु. के अतिरिक्त पूंजीकरण की अनुमति दें।

16. लघु परिसंपत्तियों के रूप में कतिपय मदों, औजारों और साज-सामानों, फर्नीचर, कंप्यूटर आदि जिनके पूंजीकरण की अनुमति सीईआरसी प्रशुल्क विनियमावली, 2014 के विनियम 14(3)(x) के प्रावधानों के अनुसार अंतिम तिथि के बाद प्रशुल्क के उद्देश्य से नहीं दी गयी है, को वित्तीय वर्ष 2018-19 के दौरान अपवर्जन श्रेणी (फार्म 9घ) के अंतर्गत रखा गया है। ऐसी मदों के विलोपन को फार्म 9ख(i) में अपवर्जन श्रेणी के अंतर्गत भी रखा गया है क्योंकि सदृश्य सकारात्मक प्रविष्टियों की अनुमति सीईआरसी द्वारा प्रशुल्क के उद्देश्य से नहीं दी जा रही है। यह याचिका सं. 228/जीटी/2014 में दिनांक 18.09.2015 के आदेश के पैरा 23 और 24 में माननीय आयोग के निर्णय के अनुरूप भी है। तदनुसार, माननीय आयोग से अनुरोध किया जाता है कि वे प्रशुल्क के उद्देश्य से ऐसी नकारात्मक प्रविष्टियों को शामिल न करें/उसकी उपेक्षा करें।

17. उपर्युक्त तथ्यों पर विचार करते हुए, सीईआरसी द्वारा पूर्व में दिनांक 23.04.2019 के आदेश के द्वारा अनुमत निवल अतिरिक्त पूंजीकरण और वर्तमान याचिका में 2014-19 के लिए दावा किये गये निवल वास्तविक अतिरिक्त पूंजीकरण का सारांश नीचे दिया गया है:

(₹ लाख में)

वर्ष	2014-15	2015-16	2016-17	2017-18	2018-19
दिनांक 23.04.2019 के आदेश के द्वारा अनुमत निवल अतिरिक्त पूंजीकरण	2955.30	4455.32	7699.55	35.00	0.00
इस याचिका में दावा किया गया निवल वास्तविक अतिरिक्त पूंजीकरण	2955.30	4455.32	4305.93	2509.91	2329.13

## 18. पूंजी लागत:

सीईआरसी द्वारा दिनांक 23.04.2019 के प्रशुल्क आदेश में विचार किये गये उपर्युक्त अतिरिक्त पूंजीकरण और 187147.46 लाख रु. (01.04.2014 की स्थिति के अनुसार) की आरंभिक पूंजी लागत पर विचार करते हुए, प्रशुल्क की गणना के लिए विचार की गई वर्ष-वार पूंजी लागत नीचे दी गई है:

(₹ लाख में)

क्र. सं.	वर्ष	01.04.14 से 05.06.14*	06.04.14 से 31.03.15*	2015-16*	2016-17	2017-18	2018-19
क.	आरंभिक पूंजी लागत	187147.46	253863.16	256,818.45	261273.77	265579.70	268089.61
ख.	वर्ष/अवधि के दौरान निवल अतिरिक्त पूंजीकरण	0.00	2955.30	4455.32	4305.93	2509.91	2329.13
ग.	अंतिम पूंजी लागत (क+ख)	187147.46	256818.45	261273.77	265579.70	268089.61	270418.73

\*याचिका सं. 06/जीटी/2017 में दिनांक 23.04.2019 के आदेश में यथा स्वीकार की गयी पूंजी लागत

## 19. वार्षिक नियत प्रभारों (एएफसी) की गणना:

उपर्युक्त पूंजी लागत के आधार पर, प्रशुल्क के विभिन्न संघटकों को संबंधित विनियमावलियों में यथाउल्लिखित निम्नलिखित तरीके से तय किया गया है:

**क. इक्विटी पर प्रतिफल (आरओई):**

क. पार्वती-III विद्युत स्टेशन एक पॉडेज स्कीम है, इक्विटी पर प्रतिफल की गणना के लिए आधार दर प्रशुल्क विनियमावली, 2014 के विनियम 24(2) के अनुसार 16.5 प्रतिशत मानी गयी है।

ख. इक्विटी पर प्रतिफल की आधार दर को सीईआरसी प्रशुल्क विनियमावली, 2014 के विनियम 25(1) के अनुसार (अनुलग्नक-VI) विभिन्न वर्षों के लिए एनएचपीसी पर लागू 'प्रभावी कर दर' के साथ ग्रॉसड-अप के रूप में ली गई है। उसका ब्यौरा अनुलग्नक-1 के फार्म-1(ii) में दिया गया है।

**ख. मूल्यहास:**

क. सीईआरसी प्रशुल्क विनियमावली, 2014 के अनुसार और फार्म-11 में दर्शाये गये अनुसार, मूल्यहास की वर्ष-वार लागू दर नीचे दी गई है:

अवधि	भारित औसत मूल्यहास दर
01.04.2014 से 05.06.2014	5.01%
06.06.2014 से 31.03.2015	4.97%
2015-16	4.96%
2016-17	4.93%
2017-18	4.90%
2018-19	4.89%

ख. फार्म-12 में मूल्यहास की गणना के लिये उपर्युक्त दर्शायी गई दरों पर विचार किया गया है।

**ग. ऋण पर ब्याज:**

क. फार्म 13क में प्रशुल्क अवधि के लिए नियामक ऋण पर ब्याज के परिकलन के लिए विचार किये गये वास्तविक ऋण पोर्टफोलियो के आधार पर ब्याज की भारित औसत दर नीचे दी गयी है:

अवधि	भारित औसत मूल्यहास दर
01.04.2014 से 05.06.2014	9.72%
06.06.2014 से 31.03.2015	9.62%
2015-16	9.46%
2016-17	9.21%
2017-18	8.23%
2018-19	8.10%

#### **घ. ओएंडएम खर्च:**

माननीय आयोग द्वारा याचिका सं. 06/जीटी/2017 में दिनांक 23.04.2019 के अपने आदेश के माध्यम से पहले ही अनुमति दिए गए ओएंडएम खर्चों पर विचार प्रशुल्क अवधि 2014-19 के लिए किया गया है।

एक अलग याचिका सं. 238/एमपी/2019 पहले ही याचिकाकर्ता द्वारा पार्वती-III विद्युत स्टेशन में केंद्रीय औद्योगिक सुरक्षा बल (सीआईएसएफ) के प्रतिनियुक्त कर्मचारियों और एनएचपीसी कर्मचारियों के 01.01.2016 से 31.03.2019 की अवधि के दौरान वेतन में संशोधन के प्रभाव की वसूली के लिये प्रस्तुत की गयी है।

#### **ड. कार्यशील पूंजी पर व्यय**

कार्यशील पूंजी पर ब्याज की लागू दर सीईआरसी प्रशुल्क विनियमावली, 2014 के विनियम 28(3) के अनुसार 13.50 प्रतिशत (01.04.2014 की स्थिति के अनुसार एसबीआई बेस रेट + 350 बेसिस प्वाइंट) है।

20. उपर्युक्त पैरा 19 और पैरा 20 में उल्लिखित पूंजी लागत और मानदंडों के आधार पर, याचिकाकर्ता ने प्रशुल्क अवधि 2014-19 के लिए संशोधित वार्षिक नियत प्रभार (एएफसी) की गणना की है। सीईआरसी द्वारा अपने दिनांक 23.04.2019 के आदेश के द्वारा अनुमत और याचिकाकर्ता द्वारा गणना किए गए एवं वर्तमान याचिका में दावा किए गए वार्षिक नियत प्रभार का सारांश नीचे दिया गया है:

(₹ लाख में)

विवरण	01.04.14 से 05.06.14	06.04.14 से 31.03.15	2015-16	2016-17	2017-18	2018-19
दिनांक 23.04.2019 के आदेश के द्वारा अनुमत एएफसी	7130.10	43683.15	53256.87	53289.39	53033.28	51952.26
<b>वर्तमान याचिका में दावा किया गया एएफसी</b>						
मूल्यहास	1696.06	10400.73	12844.17	12978.70	13062.42	13168.86
ऋण पर ब्याज	2284.09	13532.80	15389.92	14075.38	11699.16	10597.41
इक्विटी पर प्रतिफल	2140.98	13233.53	16428.70	16574.55	16901.84	17122.14
कार्यशील पूंजी पर ब्याज	187.50	1,159.00	1,423.13	1,425.56	1,408.30	1,420.30
ओएंडएम खर्च	843.59	5493.82	7151.82	7626.70	8133.11	8673.15
<b>कुल (एएफसी)</b>	<b>7130.19</b>	<b>43819.89</b>	<b>53237.74</b>	<b>52680.88</b>	<b>51204.84</b>	<b>50981.86</b>

वर्तमान याचिका में दावा किए गए एएफसी और दिनांक 23.04.2019 के आदेश के अनुसार अनुमत एएफसी के बीच अंतर की अनुमति सीईआरसी (प्रशुल्क की निबंधन एवं शर्तें) विनियमावली, 2014 के विनियम 8 के खंड (11), (12) और (13) के प्रावधानों के

अनुसार लाभार्थियों से वसूले जाने के लिए/लाभार्थियों से/को वापस किये जाने के लिए दी जा सकती है।

## 21. जीएसटी के प्रभाव की वसूली:

भारत सरकार ने, जम्मू एवं कश्मीर राज्य को छोड़कर, पूरे भारत में 01.07.2017 से वस्तु एवं सेवा कर अधिनियम, 2017 लागू किया है। उक्त अधिनियम को जम्मू एवं कश्मीर राज्य में 08.07.2017 से लागू किया गया है।

विद्युत मंत्रालय, भारत सरकार ने विद्युत अधिनियम, 2003 की धारा 107 के अंतर्गत दिनांक 27.08.2018 को सीईआरसी को निदेश जारी किया है जिसमें नीचे दिये गये अनुसार उल्लेख किया गया है:

(क) केंद्र सरकार, राज्य सरकार/ संघ राज्य क्षेत्र के द्वारा अथवा किसी सरकारी तंत्र के द्वारा लगाये गये घरेलू शुल्कों, लेवी, उपकर और करों में किसी प्रकार के परिवर्तन जिसके फलस्वरूप लागत में सदृश्य परिवर्तन होता हो, को "कानून में परिवर्तन" के रूप में माना जाये और जब तक कि विद्युत क्रय करार में अन्य प्रकार से प्रावधान न हो इसकी अनुमति पास थ्रू के रूप में दी जा सकती है।

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(ड) कानून में इस प्रकार के परिवर्तन का प्रभाव कानून में परिवर्तन की तिथि से लागू होगा।

माननीय आयोग ने अपने दिनांक 14.03.2018 (याचिका सं. 13/एसएम/2017 में) और दिनांक 17.12.2018 के आदेश (याचिका सं. 01/एसएम/2018 में) के द्वारा जीएसटी के कार्यान्वयन पर 'कानून में परिवर्तन' के रूप में पहले ही विचार किया है।

संयंत्रों के प्रचालन और अनुरक्षण (सेवा भाग) में भुगतान किये गये कर को संबंधित विद्युत स्टेशनों के ओएंडएम खर्चों में डाला जाता है। माननीय आयोग ने

नियामक आधार पर 2014-19 की अवधि के लिए पार्वती-III के मामले में ओएंडएम खर्च निर्धारित किये थे। विद्युत मंत्रालय के निदेश के अनुसार, जीएसटी का कार्यान्वयन 'कानून में परिवर्तन' की एक घटना है और उसके प्रभाव को प्रशुल्क में शामिल किया जाना चाहिए।

तदनुसार, हमारी सीईआरसी में 26.04.2019 को याचिका सं. 133/एमपी/2019 है और हमने माननीय आयोग से यह अनुरोध किया है कि वे 'कानून में परिवर्तन' के रूप में जीएसटी के कार्यान्वयन पर विचार करें और लाभार्थियों से अतिरिक्त व्यय की प्रतिपूर्ति की अनुमति दें।

तथापि, उक्त याचिका का निपटान माननीय आयोग द्वारा दिनांक 22.08.2019 के आदेश के द्वारा याचिकाकर्ता को 2014-19 की अवधि के लिए इस याचिका का ड्रिंग-अप करने के साथ वस्तु एवं सेवा अधिनियम, 2017 के कार्यान्वयन के कारण प्रचालन और अनुरक्षण खर्चों पर अतिरिक्त कर की प्रतिपूर्ति के लिए दावा करने के लिए स्वतंत्रता देते हुए किया गया है।

पार्वती-III के संबंध में वित्तीय वर्ष 2017-18 (01.07.2017 से 31.03.2018) और वित्तीय वर्ष 2018-19 के दौरान सांविधिक लेखा परीक्षकों द्वारा विधिवत प्रमाणित जीएसटी के अतिरिक्त प्रभाव (अनुलग्नक-VII) को निम्नलिखित तालिका में दिया गया है:

<b>ओएंडएम खर्चों पर जीएसटी का अतिरिक्त प्रभाव (रु. में)</b>			
<b>2017-18</b>	<b>2018-19 (01.04.18 से 31.12.18)</b>	<b>2018-19 (01.01.19 से 31.03.19)</b>	<b>कुल</b>
<b>7245276</b>	<b>8833025</b>	<b>2576472</b>	<b>18654773</b>

सीईआरसी प्रशुल्क विनियमावली, 2014 में जीएसटी के कार्यान्वयन के कारण अतिरिक्त कर भारों की प्रतिपूर्ति का विशेष रूप से प्रावधान नहीं है। तथापि, माननीय



आयोग को सीईआरसी प्रशुल्क विनियमावली, 2014 के विनियम 55 के प्रावधानों के अंतर्गत उक्त विनियमों के प्रावधानों को कार्यान्वित करने में कठिनाई (यदि कोई हो) को दूर करने का अधिकार प्रदान किया गया है और इसके पास विनियम 54 के अंतर्गत उसे शिथिल करने का भी अधिकार है।

तदनुसार, याचिकाकर्ता माननीय आयोग से नम्रतापूर्वक यह अनुरोध करता है कि वे प्रतिवादी से पार्वती-III विद्युत स्टेशन के संबंध में जीएसटी के कार्यान्वयन के कारण भुगतान किये गये अतिरिक्त कर की प्रतिपूर्ति की अनुमति दें।

22. एनएचपीसी के प्रचालनरत विद्युत स्टेशनों के संबंध में फाइलिंग शुल्क का भुगतान सीईआरसी (शुल्कों का भुगतान) विनियमावली, 2012 के अनुरूप अप्रैल के महीने के दौरान सीईआरसी को वर्ष दर वर्ष आधार पर नियमित रूप से किया जा रहा है। इस प्रकार से भुगतान किया गया टैरिफ फाइलिंग शुल्क सीईआरसी प्रशुल्क विनियमावली, 2014 के विनियम 52(1) के अनुसार प्रतिवादियों से वसूला जा सकता है। पार्वती-III विद्युत स्टेशन के संबंध में 2014-19 के दौरान भुगतान किया गया टैरिफ फाइलिंग शुल्क का ब्यौरा नीचे दिया गया है:

वर्ष	राशि (रु. में)	यूटीआर सं.	अभ्युक्तियां
2014-15	2288000/-	SBIN714118286640	
2015-16	2288000/-	SBIN215117557088	
2016-17	2288000/-	SBIN316119888222	
2017-18	545359/-	SBIN317115658067	2013-14 और 2014-15 के दौरान अधिक भुगतान के कारण 17,42,641 रु. की राशि का समायोजन
2018-19	2288000/-	SBIN718116392141	
कुल	9697359/-		

उपर्युक्त फाइलिंग शुल्क का ब्यौरा अनुलग्नक-X पर संलग्न है। तदनुसार, फाइलिंग शुल्क भुगतान इस याचिका के साथ याचिकाकर्ता द्वारा पृथक रूप से नहीं किया जा रहा है।

23. उपर्युक्त टैरिफ में कोई सांविधिक कर, लेवी, शुल्क, उपकर, प्रभार अथवा किसी सरकार (केंद्र/राज्य) और/अथवा कोई अन्य स्थानीय निकायों/प्राधिकरणों/विनियामक प्राधिकरणों द्वारा सहायक खपत अथवा जल सहित किसी अन्य प्रकार की खपत, विद्युत का पारेषण, पर्यावरणीय संरक्षण, विद्युत/ऊर्जा की बिक्री अथवा आपूर्ति पर, और/अथवा उत्पादक स्टेशनों और/अथवा पारेषण प्रणाली से जुड़ी इसकी संस्थापनाओं में से किसी के संबंध में बिजली के उत्पादन के संबंध में किसी अधिनियम अथवा विनियम के माध्यम से लगाया गया/प्रभारित किया गया किसी अन्य प्रकार का अधिरोपण शामिल नहीं है।

24. एनएचपीसी द्वारा उपर्युक्त में किये गये उल्लेख के अनुसार उक्त करों/शुल्कों/उपकर/लेवी/प्रभारों आदि के कारण किसी महीने में संबंधित प्राधिकरणों को भुगतान योग्य ऐसे करों/शुल्कों/उपकर/लेवी/प्रभारों आदि की राशि का वहन किया जायेगा और इसका भुगतान प्रतिवादियों द्वारा याचिकाकर्ता को अतिरिक्त रूप से किया जायेगा।

25. इसके अलावा, टैरिफ प्रस्ताव में सीईआरसी (आरएलडीसी का शुल्क एवं प्रभार तथा अन्य संबंधित मामले) विनियमावली, 2009 के अंतर्गत शेयरिंग विनियमावली और आरएलडीसी शुल्क एवं प्रभारों के अंतर्गत पीजीसीआईएल, पोसोको/एनएलडीसी को भुगतान किया जाने वाला कोई पारेषण/संचार/यूएलडीसी प्रभार शामिल नहीं है। ये प्रभार, जैसा कि लागू है, सीधे तौर पर लाभार्थियों से सीईआरसी प्रशुल्क विनियमावली, 2014 के विनियम 43 और 52(2)(क) के अनुसार वसूली के योग्य होंगे।

26. इसके अलावा, विनियम 8(2)(क)(iii) और (iv) के अनुसार, उत्पादक स्टेशन नियंत्रणीय मानदंडों जैसे सहायक ऊर्जा खपत (एयूएक्स) और ऋण के पुनर्वित्तपोषण के प्रदर्शन के आधार पर प्रशुल्क का ड्रिंग-अप करेगा।

क. 2014-19 के लिए वास्तविक सहायक ऊर्जा खपत (एयूएक्स) के आधार पर प्रशुल्क का ड्रिंग-अप :

वास्तविक सहायक ऊर्जा खपत के कारण वित्तीय लाभ के विनियामक सहायक ऊर्जा खपत से कम होने के कारण सीईआरसी प्रशुल्क विनियमावली, 2014 के विनियम 8(6) और इसके उत्तरवर्ती संशोधन के अनुसार उत्पादक स्टेशन और लाभार्थियों के बीच 60:40 के अनुपात में बांटा जाना है। 2014-19 की अवधि के लिए वास्तविक सहायक ऊर्जा खपत के ब्यौरे का सारांश नीचे दिया गया है:

मानदंड	2014-15	2015-16	2016-17	2017-18	2018-19
नियामक सहायक खपत	1.2%	1.2%	1.2%	1.2%	1.2%
वास्तविक सहायक खपत	0.6%	0.7%	0.7%	0.5%	0.6%
बिक्रीयोग्य डिजाइन उर्जा (एमयू)	1687.57	1687.57	1687.57	1687.57	1687.57
बिक्रीयोग्य निर्धारित उर्जा (एमयू)	562.83	548.23	579.74	605.28	524.72

वास्तविक सहायक खपत के समर्थन में 2014-19 की प्रशुल्क अवधि से संबंधित वर्षों के लिए वार्षिक ऊर्जा बिलों को संदर्भ के लिए अनुलग्नक-VIII में संलग्न किया गया है। तदनुसार, सहायक खपत के कारण निवल लाभ शून्य है।

ख. ऋण के पुनर्वित्तपोषण के आधार पर प्रशुल्क का ड्रिंग-अप:

विनियम 8(2)(क)(iv) के अनुसार, उत्पादक स्टेशन ऋण के पुनर्वित्तपोषण के आधार पर उत्पादक स्टेशन के प्रशुल्क का ड्रिंग-अप करेगा। इन ऋणों का पुनर्वित्तपोषण वित्तीय वर्ष 2016-17 से किया गया है जिसके फलस्वरूप पार्वती-III के

मामले में भारित औसत ब्याज दरों और निवल बचत में कमी आई है। चूंकि, ऋण के पुनर्वित्तपोषण के कारण 100 प्रतिशत लाभ अपने आप वार्षिक नियत प्रभार के माध्यम से लाभार्थी को मिल रहा है, अतः यह प्रस्ताव किया जाता है कि निम्नलिखित ब्याजों के अनुसार सीईआरसी प्रशुल्क विनियमावली, 2014 के विनियम 26(7) के अनुरूप प्रतिवादी से ऋण के पुनर्वित्तपोषण और पुनर्वित्तपोषण की लागत के कारण लाभ का एक तिहाई हिस्सा वसूला जाये।

(रु. लाख में)

विवरण	01.04. 14 से 05.06. 14	06.06. 14 से 31.03. 15	2015- 16	2016- 17	2017- 18	2018- 19
यदि पुनर्वित्तपोषण नहीं हुआ हो तब ब्याज का भारित औसत दर	9.72%	9.62%	9.46%	9.31%	8.93%	8.88%
पुनर्वित्तपोषण के बाद ब्याज की भारित औसत दर	9.72%	9.62%	9.46%	9.21%	8.23%	8.10%
ब्याज की भारित औसत दर में बचत	0.00%	0.00%	0.00%	-0.10%	-0.70%	-0.78%
पुनर्वित्तपोषण के कारण ब्याज में बचत	0.00	0.00	0.00	157.98	992.96	1018.93
लाभार्थी से वसूले जाने वाले लाभ का एक तिहाई	0.00	0.00	0.00	52.66	330.99	339.64
लाभार्थी से वसूली जाने वाली पुनर्वित्तीय लागत	0.00	0.00	0.00	5.02	2.44	0.60

ऋण के पुनर्वित्तपोषण के कारण लाभ की गणना का ब्यौरा अनुलग्नक-IX के रूप में संलग्न है। उपर्युक्त राशि को सीईआरसी प्रशुल्क विनियमावली, 2014 के विनियम 26(7) के अनुसार, लाभार्थी से वसूले जाने के लिए अनुमति दी जा सकती है।

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

1. सीईआरसी प्रशुल्क विनियमावली, 2019 के विनियम 9(2), 10(1) और 12 के अनुरूप याचिकाकर्ता से यह माना जाता है कि वह 2014-19 की अवधि के लिए ड्रिंग-अप याचिका के साथ 2019-24 के लिए प्रशुल्क याचिका प्रस्तुत करें। सीईआरसी प्रशुल्क विनियमावली के विनियम 9(2) और 12 का संबंधित उद्धरण यहां नीचे फिर से प्रस्तुत किया जाता है:

*"9 टैरिफ का अवधारण करने के लिए आवेदन*

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*(2) विद्यमान उत्पादन केंद्र या संचार प्रणाली सहित पारेषण प्रणाली या उसके किसी अल्पघटक के मामले में आवेदन पत्र इन विनियमों सीईआरसी (टैरिफ के नियम और शर्तें) विनियम, 2014 के अनुसार, 31.03.2019 से 31.10.2019 तक पहले से स्वीकृत किसी अतिरिक्त पूंजीगत व्यय सहित स्वीकृत पूंजीगत लागत के आधार पर (या वास्तविक या परियोजित अतिरिक्त पूंजी व्यय के आधार पर) और वर्ष 2014-19 से 2019-24 की टैरिफ अवधि के अलग-अलग वर्षों के लिए अनुमानित अतिरिक्त पूंजीगत व्यय के आधार पर किया जा सकता है।"*

*"12 2014-19 की अवधि के लिए टैरिफ का ड्रिंग-अप*

*2014-19 की अवधि के लिए उत्पादक केंद्रों और पारेषण प्रणाली के टैरिफ को केंद्रीय विद्युत नियामक आयोग के नियम 8 (टैरिफ के नियम और शर्तें) विनियम, 2014 के प्रावधानों के अनुसार टैरिफ याचिका 2019-24 की अवधि के लिए ड्रिंग-अप किया जाएगा। ड्रिंग-अप के आधार पर 31.03.2019 को अनुमोदित की गई पूंजी 2019-24 की अवधि के लिए टैरिफ अवधारण के लिए 01.04.2019 को प्रारंभिक पूंजी लागत का आधार होगी।*

इसके अलावा, सीईआरसी प्रशुल्क विनियमावली, 2019 के विनियम 10(1) के अनुसार, याचिकाकर्ता से यह मान लिया जाता है कि वह 2019-24 की प्रशुल्क अवधि के लिए

परियोजित अतिरिक्त पूंजी व्यय के ब्यौरों को शामिल करते हुए संबंधित प्रशुल्क प्रपत्रों (अनुलग्नक-1 के रूप में प्रशुल्क विनियम के साथ संलग्न) के अनुसार याचिका दायर करे।

2. संगत प्रशुल्क फार्मों और संलग्न अनुलग्नक के साथ-साथ 2014-19 की अवधि के लिए प्रशुल्क का ड्रॉइंग-अप भाग-क के अंतर्गत इस याचिका के साथ संलग्न है।

3. चूंकि इस परियोजना की अंतिम तिथि पहले ही समाप्त हो चुकी है, अतः 2019-24 की अवधि के लिए परियोजित अतिरिक्त पूंजीकरण का दावा सीईआरसी प्रशुल्क विनियमावली, 2019 के विनियम 25 और 26 के प्रावधानों के अंतर्गत किया जा रहा है, जिसे नीचे दिये गये अनुसार पढ़ा जाये:

*"25 अंतिम तारीख के पश्चात मूल दायरे में अतिरिक्त पूंजीकरण*

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*(2) अंतिम तारीख के पश्चात विद्यमान परियोजना के मूल दायरे के अंतर्गत उपस्थित आस्तियों के प्रतिस्थापन के मामले में, अतिरिक्त पूंजीकरण को आयोग द्वारा कुल नियत आस्तियों और संचयी अवक्षयण में आवश्यक समायोजन करने के बाद निम्नलिखित आधार पर प्रज्ञावान जांच के अधीन स्वीकार किया जा सकता है:*

**क. परिसंपत्ति का उपयोगी समय, अगर परियोजना के उपयोगी समय के साथ सराहनीय नहीं है तो ऐसी परिसंपत्तियों को इन अधिनियमों के प्रावधानों के अनुसार पूरी तरह से मूल्यहास किया गया है;**

**ख. विधि या अप्रत्याशित घटनाओं की शर्तों में परिवर्तन के कारण आस्ति या उपकरण का प्रतिस्थापन आवश्यक है;**

**ग. प्रौद्योगिकी के अप्रचलन के कारण ऐसी आस्तियों या उपकरणों का प्रतिस्थापन आवश्यक है; तथा**

**घ. ऐसी आस्ति या उपकरण के प्रतिस्थापन को आयोग द्वारा अनुमति दी गई है।**

## "26. मूल दायरे से परे अतिरिक्त पूंजीकरण

(1) विद्यमान उत्पादन केंद्र या संचार प्रणाली सहित पारेषण प्रणाली के संदर्भ में किए गए या किए जाने वाले अनुमानित पूंजी उपगत व्यय, मूल दायरे से परे प्रजावान जांच के अधीन आयोग द्वारा निम्नलिखित संगणनाओं पर स्वीकार किए जा सकते हैं:

क. माध्यस्थम के पंचाट को पूरा करने या न्यायालय के आदेश या किसी भी सांविधिक प्राधिकरण के आदेश अथवा डिक्री का अनुपालन करने का दायित्व;

ख. विधि में बदलाव या किसी मौजूदा विधि का अनुपालन;

ग. अप्रत्याशित घटना;

घ. समुचित सरकारी अभिकरणों, सांविधिक निकायों द्वारा राष्ट्रीय सुरक्षा या आंतरिक सुरक्षा के लिए सुझाव दिए गए या यथा-निर्देशित संयंत्र की उच्चतर सुरक्षा की जरूरत के कारण किया जाने वाला कोई व्यय;

ङ. मामले के आधार पर, कार्य की मूल परिधि में राख के ढेर या राख की उठाई-धराई प्रणाली से संबंधित आस्थगित कार्य;

परंतु यह भी कि यदि किसी व्यय का दावा नवीकरण और आधुनिकीकरण (आर एण्ड एम) तथा मरम्मत एवं रखरखाव (ओ एण्ड एम) के अंतर्गत मरम्मत एवं अनुरक्षण व्यय तथा क्षतिपूर्ति भत्ता के अंतर्गत किया गया है तो उस व्यय का दावा इस विनियम के अंतर्गत नहीं किया जा सकता है।

च. थर्मल उत्पादन केंद्र में सीवेज ट्रीटमेंट संयंत्र के जल का उपयोग।

(2) यथास्थिति, उत्पादन कंपनी या पारेषण अनुज्ञप्तिधारी की आस्तियों की पूंजीकरण विहीनता के मामले में इन आस्तियों की पूंजीकरण विहीनता की तारीख को मूल लागत को सकल अचल आस्तियों से घटाया जाएगा और समनुरूपी ऋण तथा इक्विटी पूंजीकरण विहीनता होने वाले



वर्ष में बकाया ऋण और इक्विटी से, उस वर्ष पर विधिवत विचार करते हुए जब उसे पूंजीकृत किया गया था, घटाया जाएगा।"

4. 31.03.2019 की स्थिति के अनुसार ड्रइंग-अप याचिका (भाग-क) के आधार पर 270418.73 लाख रुपए की राशि की अंतिम पूंजी लागत का उपयोग प्रशुल्क अवधि 2019-24 के लिए प्रशुल्क की गणना के वास्ते 01.04.2019 की स्थिति के अनुसार आरंभिक पूंजी लागत के रूप में किया गया है।

5. इस याचिका में विचार की गई प्रशुल्क अवधि 2019-24 के लिए परियोजित पूंजी व्यय का ब्यौरा अनुलग्नक-11 के फार्म-9क में दिया गया है। उसे नीचे तालिका में दिया गया है:

(रु. लाख में)

क्र. सं.	विवरण	2019-20	2020-21	2021-22	2022-23	2023-24
क.	वर्ष/अवधि के दौरान अभिवृद्धि	1250.62	111.00	0.00	0.00	0.00
ख.	घटाएं : वर्ष/अवधि के दौरान पूंजीविहीनता	0.94	0.00	0.00	0.00	0.00
ग.	जोड़े : वर्ष/अवधि के दौरान अदायगी	536.66	345.08	0.00	0.00	0.00
घ.	निवल अभिवृद्धि (क-ख+ग)	1786.34	456.08	0.00	0.00	0.00

6. माननीय आयोग ने याचिका सं. 06/जीटी/2017 में अपने दिनांक 23.04.2019 के आदेश के द्वारा परिनियोजन आधार पर अतिरिक्त पूंजी व्यय की अनुमति दी है। तथापि, अपरिहार्य परिस्थितियों के कारण जो याचिकाकर्ता के नियंत्रण से बाहर थी,

विद्युत स्टेशन इस स्थिति में नहीं था कि वह 2014-19 के दौरान माननीय आयोग द्वारा अनुमत कतिपय अतिरिक्त पूंजी व्यय कर सके। ऐसा अतिरिक्त पूंजीकरण जिसकी अनुमति माननीय आयोग द्वारा 2014-19 की अवधि के दौरान पहले ही दी गई थी और उत्पादक स्टेशन के दक्ष प्रचालन के लिए आवश्यक रूप से अपेक्षित है, के संबंध में दावा 2019-24 के दौरान किया गया है। माननीय आयोग से यह अनुरोध किया जाता है कि वे 2019-24 की प्रशुल्क अवधि के दौरान ऐसे अतिरिक्त पूंजीकरण (2014-19 की अवधि से ली गई मर्दे) की अनुमति दें।

7. पूंजी लागत: उपर्युक्त परियोजित अतिरिक्त पूंजीकरण और 270418.73 लाख रु. (01.04.2019 की स्थिति के अनुसार) की आरंभिक पूंजी लागत पर विचार करते हुए, प्रशुल्क की गणना के वास्ते विचार की गई वर्षवार पूंजी लागत नीचे दिये गये अनुसार है:

(₹ लाख में)

विवरण	2019-20	2020-21	2021-22	2022-23	2023-24
आरंभिक पूंजी लागत	270418.7 3	272205.07	272661.1 5	272661.1 5	272661.15
निवल अतिरिक्त पूंजीकरण	1786.34	456.08	0.00	0.00	0.00
अंतिम पूंजी लागत	272205.0 7	272661.15	272661.1 5	272661.1 5	272661.15

8. उपर्युक्त पूंजी लागत में पार्वती-III विद्युत स्टेशन को चालू किये जाने से पूर्व की अवधि के लिए पी जी सी आई एल द्वारा किये गये 74.78 करोड़ रु. का दावा शामिल नहीं है। याचिकाकर्ता ने उक्त आदेश के विरुद्ध एपटेल में अपील दायर की थी। माननीय एपटेल ने दिनांक 16.07.2018 के निर्णय के माध्यम से इस मामले को वापस माननीय आयोग के पास भेज दिया। यह मामला माननीय आयोग के विचाराधीन है। प्रशुल्क के

उद्देश्य से परियोजना की पूंजी लागत में उपर्युक्त लागत को शामिल करना इस मामले में परिणाम पर निर्भर करेगा और उसका ध्यान प्रशुल्क के ड्रइंग-अप के समय रखा जायेगा।

#### 9. वार्षिक नियत प्रभारों (एएफसी) की गणना:

उपर्युक्त पूंजी लागत के आधार पर, प्रशुल्क के विभिन्न संघटकों को संबंधित विनियमों में यथाउल्लिखित निम्नलिखित तरीके से तय किया गया है:

#### क. इक्विटी पर प्रतिफल (आरओई):

क. पार्वती-III विद्युत स्टेशन एक पॉडेज स्कीम है, प्रशुल्क विनियमावली, 2019 के विनियम 30(2) के अनुसार 01.04.2019 से इक्विटी पर प्रतिफल की गणना के लिए आधार दर 31.03.2019 तक पहले ही किये गये पूंजी व्यय और अतिरिक्त पूंजी व्यय (कानून में परिवर्तन और मदों के प्रतिस्थापन जिनकी अनुमति पूर्व में माननीय आयोग द्वारा सीईआरसी प्रशुल्क विनियमावली, 2019 के विनियम 25(2) के अंतर्गत दावा किये जाने के कारण दी गई थी, के कारण अतिरिक्त पूंजी को छोड़कर) के लिए प्रशुल्क अवधि के संबंधित वर्षों में पार्वती-III पर लागू ब्याज की भारित औसत दर और पहले ही किया गया पूंजी व्यय के लिए 16.50 प्रतिशत के रूप में माना गया है।

ख. बिंदु 'क' पर विचार करते किये हुए इक्विटी पर प्रतिफल की आधार दर को सीईआरसी प्रशुल्क विनियमावली, 2019 के विनियम 31(1) के अनुरूप दिनांक 01.04.2019 की स्थिति के अनुसार प्रचलित मेट दर के साथ ग्रॉस-अप के रूप में निर्धारित किया गया है, जिसका ड्रइंग-अप बाद में 'प्रभाव कर' दर के आधार पर किया जायेगा।

#### ख. मूल्यहास:

2018-19 की अवधि के लिए लागू 4.881 प्रतिशत की दर से मूल्यहास की भारत औसत दर को 2019-24 की अवधि के लिए माना गया है और उस पर फार्म 12 में मूल्यहास की गणना के लिए विचार किया गया है।

**ग. ऋण पर ब्याज:**

वास्तविक ऋण पोर्टफोलियों के आधार पर भारत औसत ब्याज दरों पर विचार सीईआरसी प्रशुल्क विनियमावली, 2019 के विनियम 32 के अनुरूप 2019-24 की अवधि के दौरान ऋण पर ब्याज की गणना के लिए किया गया है।

**घ. ओएंडएम खर्च:**

प्रशुल्क अवधि 2019-24 के लिए पार्वती-III हेतु लागू ओएंडएम खर्च माननीय आयोग द्वारा विद्युत स्टेशन के पिछले वर्षों के वास्तविक ओएंडएम खर्चों के आधार पर सीईआरसी (प्रशुल्क की निबंधन एवं शर्तों) विनियमावली, 2019 के विनियम 35(2) के अंतर्गत पहले ही अधिसूचित किये गये हैं। सीईआरसी (प्रशुल्क की निबंधन एवं शर्तों) विनियमावली, 2019 के विनियम 35(2) के संगत उद्धरण को नीचे दिये गये अनुसार पढ़ा जाये:

**"35 प्रचालन एवं रख-रखाव खर्च:**

**(2) हाइड्रो उत्पादन केंद्र:**

**(क) .....**

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**टिप्पणी: न्यूनतम वेतन, वेतन संशोधन और जीएसटी संशोधन के प्रभाव में से यदि कोई है तो, टैरिफ के निर्धारण के समय विचार किया जाएगा।**

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**(ग) हाइड्रो उत्पादन केंद्रों के लिए सुरक्षा व्यय और पूंजीगत स्पेयर्स की अनुमति विवेकपूर्ण जांच करने के बाद अलग से दी जाएगी:**

**परंतु यह भी कि उत्पादन केंद्र सुरक्षा जरूरत और अनुमानित व्यय का आकलन प्रस्तुत करेगा, जिसके ड्रइंग-अप के समय खपत किए गए वर्ष-वार वास्तविक पूंजीगत स्पेयर्स के ब्यौरे उपयुक्त स्पष्टीकरण के साथ दिए जाएंगे।"**

2019-24 की अवधि के लिए ओएंडएम खर्च का निर्धारण करते समय, माननीय आयोग ने न्यूनतम मजदूरी के संशोधन, वेतन संशोधन और जीएसटी, यदि कोई हो, के संबंध में प्रभाव पर विचार नहीं किया है और यह उल्लेख किया गया था कि उस पर प्रशुल्क के निर्धारण के समय विचार किया जायेगा। तदनुसार, वेतन में संशोधन और जीएसटी के प्रभाव का दावा निम्नलिखित ब्यौरे के अनुसार अनुमति दिये गये ओएंडएम खर्चों (संदर्भ: फार्म 17 का अनुलग्नक) के अलावा किया गया है:

**(र. लाख में)**

विवरण	2019-20	2020-21	2021-22	2022-23	2023-24
अनुमत ओएंडएम खर्च	6618.29	6933.76	7264.26	7610.51	7973.27
मजदूरी संशोधन का प्रभाव	1055.40	1105.75	1158.49	1213.75	1271.65
जीएसटी का प्रभाव	119.54	125.24	131.21	137.47	144.03
संशोधित ओएंडएम खर्च	7793.23	8164.75	8553.96	8961.73	9388.95

सीईआरसी प्रशुल्क विनियमावली, 2019 के विनियम 35(2)(ग) के अनुसार, हाइड्रो उत्पादक स्टेशनों के लिए सुरक्षा खर्च और पूंजीगत कलपुर्जों की अनुमति पृथक रूप से दी जायेगी। तदनुसार, विद्युत स्टेशन की सुरक्षा आवश्यकता के आधार पर 2019-24 की अवधि के लिए अनुमानित सुरक्षा खर्चों को नीचे दिये अनुसार परियोजित किया गया है:

(र. लाख में)

वर्ष	2019-20	2020-21	2021-22	2022-23	2023-24
अनुमानित सुरक्षा खर्च	1022.10	1070.86	1121.94	1175.45	1231.52

तदनुसार, माननीय आयोग से अनुरोध किया जाता है कि वे 2019-24 की अवधि के लिए उपर्युक्त अनुमानित सुरक्षा खर्च की अनुमति दें। 2019-24 की अवधि के दौरान पूंजीगत कलपुर्जों की खपत के कारण व्यय का दावा प्रशुल्क के ड्रिंग-अप के समय किया जायेगा।

#### ड. कार्यशील पूंजी पर ब्याज

कार्यशील पूंजी पर ब्याज की गणना सीईआरसी प्रशुल्क विनियमावली, 2019 के विनियम 34(ग) के अनुसार 01.04.2019 की स्थिति के अनुसार बैंक दर (एमसीएलआर + 350 बेसिस प्वाइंट) (8.55%+3.50% = 12.05%) पर नियामक आधार पर की गई है।

10. केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क की निबंधन एवं शर्तें) विनियमावली, 2019 के आधार पर 01.04.2019 से 31.03.2024 (अनुलग्नक-II के फार्म-1 का संदर्भ लें) की अवधि के लिए पार्वती-III के संबंध में तय किये गये वार्षिक नियत प्रभार (एएफसी) नीचे दिये गये अनुसार है:

(र. लाख में)

एएफसी संघटक	2019-20	2020-21	2021-22	2022-23	2023-24
मूल्यहास	13242.24	13296.96	13,308.09	13,308.09	13,308.09
ऋण पर ब्याज	9693.08	8686.11	7658.01	6464.31	5059.91
इक्विटी पर प्रतिफल	16271.68	16335.86	16347.81	16347.81	16347.81
कार्यशील पूंजी पर	970.42	974.51	977.66	978.81	977.67

<b>ब्याज</b>					
<b>ओएंडएम खर्च</b>	<b>7793.23</b>	<b>8164.75</b>	<b>8553.96</b>	<b>8961.73</b>	<b>9388.95</b>
<b>एएफसी</b>	<b>47970.64</b>	<b>47458.19</b>	<b>46845.53</b>	<b>46060.76</b>	<b>45082.42</b>

11. सीईआरसी प्रशुल्क विनियमावली, 2014 के विनियम 14(3) के प्रथम परंतुक के अनुसार, अंतिम तिथि के बाद खरीदे गये औजार और साज-सामानों, फर्नीचर, एयर कंडीशनर, वोल्टेज स्टेबलाइजर, रेफ्रिजरेटर, कूलर, कंप्यूटर, पंखे, वाशिंग मशीन, हीट कंवेक्टर, मैट्रेस, कालीनों आदि सहित छोटी-छोटी मर्दों अथवा परिसंपत्तियों की खरीद करने के कारण अतिरिक्त पूंजीगत व्यय पर हाइड्रो उत्पादक स्टेशनों के मामले में 01.04.2014 से प्रशुल्क के निर्धारण के लिए अतिरिक्त पूंजीकरण के लिए विचार नहीं किया जायेगा। छोटी-छोटी मर्दों की खरीद करने के कारण अतिरिक्त पूंजी के संबंध में यह प्रावधान सीईआरसी प्रशुल्क विनियमावली, 2019 में विलोपित कर दिया गया है।

विनियमावली के उपर्युक्त संशोधन से यह प्रतीत होता है कि छोटे छोटे मर्दों के कारण अतिरिक्त पूंजीकरण की अनुमति 01.04.2019 से दी गई है। हालांकि, वर्तमान याचिका में औजार और साज-सामान आदि सहित छोटे छोटे मर्दों अथवा परिसंपत्तियों की खरीद करने के कारण अतिरिक्त पूंजीकरण का दावा नहीं किया गया है और उसके संबंध में दावा 2019-24 की अवधि के लिए प्रशुल्क का ड्रॉइंग-अप करते समय किया जायेगा।

12. वर्ष 2019-20 (प्रशुल्क अवधि 2019-24 का प्रथम वर्ष) के लिए 22,88,000/- रुपए की राशि के फाइलिंग शुल्क को सीईआरसी (शुल्क का भुगतान) विनियमावली, 2012 के संबंध में यूटीआर सं. SBIN219116877156 के माध्यम से इलेक्ट्रॉनिक तरीके से पहले ही अंतरित कर दिया गया है और उसकी सूचना सीईआरसी को पहले ही दिनांक 29.04.2019 (अनुलग्नक-X) के पत्र के माध्यम से दी गई है। इसके अलावा, प्रशुल्क अवधि 2019-24 के बचे हुए वर्षों के संबंध में फाइलिंग शुल्क का भुगतान याचिकाकर्ता द्वारा संबंधित वर्ष के 30 अप्रैल तक किया जायेगा। तदनुसार, माननीय आयोग से यह

अनुरोध है कि वे सीईआरसी प्रशुल्क विनियमावली, 2019 के विनियम 70(1) के अनुरूप लाभार्थियों से फाइलिंग शुल्क की प्रतिपूर्ति की अनुमति दें।

13. केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क के निर्धारण के लिए आवेदन करने, आवेदन के प्रकाशन और अन्य संबंधित मामलों के लिए प्रक्रिया) विनियमावली, 2004 के अनुपालन में, याचिकाकर्ता समाचार पत्रों में पार्वती-III विद्युत स्टेशन के संबंध में प्रशुल्क याचिका का नोटिस प्रकाशित करेगा। उसके प्रकाशन का प्रमाण पृथक रूप से प्रस्तुत किया जायेगा। माननीय आयोग से अनुरोध है कि वे लाभार्थियों से प्रकाशन संबंधी खर्च की वसूली की अनुमति दें।

14. उपर्युक्त प्रशुल्क प्रस्ताव में कोई सांविधिक कर, लेवी, शुल्क, उपकर अथवा किसी सरकार (केंद्र/राज्य) और/अथवा कोई अन्य स्थानीय निकायों/प्राधिकारियों/विनियामक प्राधिकरणों द्वारा सहायक खपत अथवा जल सहित किसी अन्य प्रकार की खपत, विद्युत का पारेषण, पर्यावरणीय संरक्षण, बिक्री अथवा विद्युत/ऊर्जा की आपूर्ति संबंधी, और/अथवा उत्पादक स्टेशनों और/अथवा पारेषण प्रणाली से जुड़ी इसकी संस्थापनाओं में से किसी के संबंध में बिजली के उत्पादन के संबंध में लगाये गये/प्रभारित किसी अन्य प्रकार के अधिरोपण शामिल नहीं हैं।

15. एनएचपीसी द्वारा उपर्युक्त में किये गये उल्लेख के अनुसार उक्त करों/शुल्कों/उपकर/लेवी आदि के कारण किसी महीने में संबंधित प्राधिकारियों को भुगतान योग्य ऐसे करों/ शुल्कों/ उपकर/लेवी आदि की राशि का वहन किया जायेगा और इसका भुगतान प्रतिवादी द्वारा याचिकाकर्ता को अतिरिक्त रूप से किया जायेगा।

16. इसके अलावा, प्रशुल्क प्रस्ताव में सीईआरसी (आरएलडीसी का शुल्क एवं प्रभार तथा अन्य संबंधित मामले) विनियमावली, 2009 के अंतर्गत शेयरिंग विनियमावली और आरएलडीसी शुल्क एवं प्रभारों के अंतर्गत पीजीसीआईएल, पोसोको/एनएलडीसी को भुगतान किये जाने वाले कोई पारेषण/संचार/यूएलडीसी प्रभार शामिल नहीं है। ये प्रभार जैसा कि



लागू है, सीधे तौर पर लाभार्थियों से सीईआरसी प्रशुल्क विनियमावली, 2019 के विनियम 70 के अनुसार वसूल योग्य होंगे।

## प्रार्थना

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

1. 01.04.2014 से 31.03.2019 की अवधि के लिए पार्वती- III पावर स्टेशन के प्रशुल्क को केंद्रीय विद्युत विनियामक आयोग (टैरिफ की निबंधन और शर्तों) विनियामक, 2014 के विनियम 8 के अनुसार संशोधित किया जा सकता है।
2. ड्रइंगअप करने के उद्देश्य से याचिका संख्या क्र. 06 / GT / 2017 के टैरिफ आदेश दिनांक 26.04.2019 में यथा शामिल 2014-16 की अवधि के लिए पूंजीगत लागत पर विचार करना, जैसा कि पैरा -5 में उल्लिखित है।
3. ऐसे अतिरिक्त पूंजीगत व्यय की अनुमति देने की कृपा करें, जो 23.04.2019 के सीईआरसी के आदेश द्वारा अनुमति नहीं दी गई थी, लेकिन उपरोक्त पैरा -13 (भाग-क) में यथा उल्लिखित 2016-19 के दौरान साइट की विशिष्ट आवश्यकताओं के कारण व्यय की गई है।
4. अतिरिक्त पूंजीकरण और कटऑफ तिथि से परे प्रारंभिक पुर्जों की खरीद की अनुमति देने की कृपा करें जैसा कि ऊपर पैरा -14 (भाग-क) में उल्लिखित है।
5. ऊपर दिए गए पैरा -15 (भाग-क) में उल्लिखित वित्त वर्ष 2018-19 के दौरान कर्मचारियों के वेतन नियमितीकरण के कारण अतिरिक्त पूंजीकरण की अनुमति देने की कृपा करें ।
6. उपर्युक्त पैरा -16 (भाग-क) में यथा उल्लिखित प्रशुल्क के प्रयोजन के लिए मामूली संपत्तियों, औजारों और फर्नीचर, कंप्यूटर आदि की प्रकृति में वस्तुओं से संबंधित नकारात्मक प्रविष्टियों को बाहर करने की अनुमति देने की कृपा करें।
7. ऊपर पैरा -17 (भाग-क) में दावा किए गए शुद्ध अतिरिक्त पूंजीकरण की अनुमति देने की कृपा करें।
8. ऊपर दिए गए पैरा -19 (क) (भाग-क) में वर्णित अवधि 2014-19 के लिए 'प्रभावी कर' दर के आधार पर आरओई की सकल दर को ड्रइंगअप की अनुमति देने की कृपा करें।

9. पार्वती- III पावर स्टेशन के वार्षिक नियत प्रभार (एएफसी) को संशोधित कर दिया गया है जो ऊपर पैरा -20 (भाग-क) में यथा उल्लिखित क्रमशः वित्तीय वर्ष 2014-15, 2015-16, 2016-17, 2017-18 और 2018-19 के लिए 50950.08 लाख रु., 53237.74 लाख रु., 52680.88 लाख रु., 51204.84 लाख रु. और 50981.86 लाख रु. है। गणना की गई एएफसी और 23.04.2019 के सीईआरसी के आदेश द्वारा अनुमत उसके बीच अंतर को सीईआरसी (टैरिफ की निबंधन और शर्तों) विनियमावली, 2014 के विनियम 8 (13) में निर्दिष्ट और उसके बाद के संशोधन के तरीके से प्रतिवादी से वसूल/उनको वापस करने की अनुमति देने की कृपा करें।

10. 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 -21 (भाग-क) में उल्लिखित है, करने की अनुमति देने की कृपा करें।

11. एनएचपीसी को उपर्युक्त पैरा-23 से 25 (भाग-क) में यथा उल्लिखित लैवी, कर, शुल्क, उप-कर, प्रभार, फीस आदि, यदि कोई हों, के बिल प्रतिवादी को प्रस्तुत करने की अनुमति देने की कृपा करें।

12. उपरोक्त पैरा -26 (क) (भाग-क) में यथा उल्लिखित अवधि 2014-19 के लिए वास्तविक सहायक खपत के आधार पर टैरिफ को ट्रिंगअप करने की अनुमति देने का कष्ट करें।

13. ऊपर दिए गए पैरा -26 (ख) (भाग-क) में यथा उल्लिखित 2014-19 की अवधि के लिए ऋण के पुनः वित्तपोषण और लाभ के बंटवारे के आधार पर प्रशुल्क को ट्रिंगअप करने की अनुमति देने का कष्ट करें।

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

14. 01.04.2019 से 31.03.2024 तक की अवधि के लिए पार्वती-III पावर स्टेशन का प्रशुल्क 07.03.2019 को जारी केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क की निबंधन और शर्तों),

विनियमवाली,2019 के विनियम -9 (2) के साथ पठित विद्युत अधिनियम,2003 की धारा 62 (1) (क) के तहत निर्धारित करने की कृपा की जाए।

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

16. पैरा -6 (भाग- ख) में दावा किए गए 2019-24 के टैरिफ अवधि के दौरान अतिरिक्त पूंजीकरण (2014-19 की अवधि के दौरान मर्दों पर खर्च) की अनुमति देने की कृपा करें ।

17. पैरा -9 (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 ।

18. पैरा -9 (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।

19. 2019-24 की अवधि के लिए पार्वती-III पावर स्टेशन के वार्षिक नियत प्रभार (एएफसी) उपर्युक्त पैरा-10 (भाग- ख) में यथा उल्लिखित वित्तीय वर्ष 2019-20, 2020-21, 2021-22, 2022-23 और 2023-24 के लिए क्रमशः 47970.64 लाख रूपए, 47458.19 लाख रूपए, 46845.53 लाख रूपए, 46060.76 लाख रूपए व 45082.42 लाख रूपए की गणना की गई है । गणना की गई एएफसी और 23.04.2019 (2018-19 की अवधि के लिए) के सीईआरसी के आदेश द्वारा अनुमत और उसके बीच अंतर को सीईआरसी (प्रशुल्क की निबंधन और शर्तें) विनियमवाली, 2019 के विनियमन 10 (7) और इसके उत्तरवर्ती संशोधनों में निर्दिष्ट तरीके से प्रतिवादी से वसूल/उनको वापस करने की अनुमति देने की कृपा करें।

20. पैरा -11 (भाग-ख) में उल्लिखित टैरिफ के ड्रइंग अप के समय उपकरणों एवं सामग्रियों सहित मामूली वस्तुओं या परिसंपत्तियों के अधिग्रहण पर अतिरिक्त पूंजीगत व्यय की अनुमति देने की कृपा करें।

21. पैरा -12 (भाग-ख) में उल्लिखित इस याचिका के दायर करने के शुल्क की प्रतिपूर्ति की अनुमति देने की कृपा करें।

22. पैरा -13 (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।

23. एनएचपीसी को ऊपर पैरा -14 से 16 (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।

24. ऐसे अन्य और आगे के आदेश / आदेश पारित करें जो मामले के तथ्यों और परिस्थितियों में फिट और उचित समझे जाएं।

**एनएचपीसी लिमिटेड**

**के माध्यम से**

**(एम जी गोखले)**

**महाप्रबंधक (वाणिज्यक)**

**स्थान: फरीदाबाद**

**दिनांक: 28.10.2019**

20 रुपए का भारतीय गैर-न्यायिक स्टॉप पेपर

हरियाणा

याचिका संख्या /जीटी/2019

माननीय केंद्रीय विद्युत विनियामक आयोग, नई दिल्ली के समक्ष

निम्नलिखित के विषय में:

पार्वती-III पावर स्टेशन के संबंध में 2014-19 तक की अवधि के लिए प्रशुल्क (टैरिफ) का ड्रइंग अप के लिए केंद्रीय विद्युत विनियामक आयोग (कार्य संचालन) विनियामवली, 1999 के 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 8 और 14, 25(3) के अंतर्गत याचिका।

निम्नलिखित के विषय में:

पार्वती-III पावर स्टेशन के संबंध में 2019-24 तक की अवधि के लिए प्रशुल्क (टैरिफ) के निर्धारण के लिए केंद्रीय विद्युत विनियामक आयोग (कार्य संचालन) विनियामवली, 1999 के 79 (1) और 86, विद्युत अधिनियम, 2003 की धारा 62(1)(क) और केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क के निबंधन और शर्तें) विनियामवली, 2019 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. अध्यक्ष,

पंजाब राज्य विद्युत निगम लिमिटेड

और 12 अन्य

दँ माल, निकट कालीबाडी मंदिर,

पटियाला - 147 001 (पंजाब)

## इस याचिका को सत्यापित करते हुए शपथ-पत्र

मैं, एम. जी. गोखले, सुपुत्र स्व. 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 हूं:

1. मैं एनएचपीसी लिमिटेड में महाप्रबंधक (वाणिज्यिक) के रूप में कार्यरत हूं और उपर्युक्त मामले के तथ्यों से भली भांति परिचित हूं।
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: 04.05.2018  
दिनांक/Date: 04.05.2018

**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.

Contd. 2/-

पंजीकृत कार्यालय : एन एच पी सी ऑफिस कॉम्प्लेक्स, सेक्टर-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








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. मिश्रल / 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. मिश्रल / 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 Limited  
 Name of the Generating Station : Parbati-III Power Station  
 Place (Region/District/State) : Northern/Kullu/ Himachal Pradesh

(Amount in Lakhs)

S.N o.	Particulars	2013-14 (24.03.2014 to 31.03.2014)*	2014-15		2015-16	2016-17	2017-18	2018-19
			01.04.2014 to 05.06.2014 (for 3 units)	06.06.2014 to 31.03.2015 (for 4 units)				
1	2	3	4		5	6	7	8
1.1	Depreciation	154.03	1,696.06	10,400.73	12,844.17	12,978.70	13,062.42	13,168.86
1.2	Interest on Loan	208.82	2284.09	13532.80	15389.92	14075.38	11699.16	10597.41
1.3	Return on Equity <sup>1</sup>	192.47	2,140.98	13,233.53	16,428.70	16,574.55	16,901.84	17,122.14
1.4	Interest on Working Capital	15.80	187.50	1,159.00	1,423.13	1,425.56	1,408.30	1,420.30
1.5	O & M Expenses #	61.29	843.59	5,493.82	7,151.82	7,626.70	8,133.11	8,673.15
	Total (AFC)	<b>632.41</b>	<b>7,130.19</b>	<b>43,819.89</b>	<b>53,237.74</b>	<b>52,680.88</b>	<b>51,204.84</b>	<b>50,981.86</b>

## Note

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

\* As per order dated 23.04.2019 in petition no. 07/GT/2017

For D S P & Associates  
 Chartered Accountants  
 FRN: 006791N

(CA Atul Jain)  
 Partner  
 M.No. 091431  
 UDIN :



UDIN: 19091431AAAAAY3556

For NHPC Limited

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

Form of statement to be sent  
 along with our independent  
 Auditor certificate  
 dated 14.06.2019

Name of the Petitioner : NHPC Limited  
Name of the Generating Station : Parbati-III Power Station  
Place (Region/District/State) : Northern/Kullu/ Himachal Pradesh

FORM-1(I)

Statement showing claimed capital cost

(Rs. in Lakh)

Sl. No.	Particulars	2014-15		2015-16*	2016-17	2017-18	2018-19
		01.04.2014 to 05.06.2014 (for 3 units)*	06.06.2014 to 31.03.2015 (for 4 units)*				
1	2	3		4	5	6	7
1	Opening Capital Cost	187,147.46	253,863.16	256,818.45	261,273.77	265,579.70	268,089.61
2	Add : Addition during the year / period	-	2,150.85	2,027.44	3,239.07	2,253.33	2,000.61
3	Less : De-capitalisation during the year / period	0	1,728.63	84.67	110.03	10.13	12.46
4	Less : Reversal during the year / period	0	0.00	0.00	0.00	0.00	0.00
5	Add : Discharges during the year / period	0	2,533.08	2,512.54	1,176.88	266.71	340.98
6	<b>Closing Capital Cost</b>	187,147.46	256,818.45	261,273.77	265,579.70	268,089.61	270,418.73
7	<b>Average Capital Cost</b>	<b>187,147.46</b>	<b>255,340.81</b>	<b>259,046.11</b>	<b>263,426.73</b>	<b>266,834.65</b>	<b>269,254.17</b>

\* As per order dated 23.04.2019 in petition no. 06/GT/2017

FORM-1(II)

Statement showing Return on Equity

(Rs. in Lakh)

Sl. No.	Particulars	2014-15		2015-16	2016-17	2017-18	2018-19
		01.04.2014 to 05.06.2014 (for 3 units)	06.06.2014 to 31.03.2015 (for 4 units)				
		66 days	299 days				
1	2	3		4	5	6	7
1	Opening Equity	56,144.24	76,158.95	77,045.54	78,382.13	79,673.91	80,426.88
2	Add : Increase due to addition during the year / period	0.00	645.26	608.23	971.72	676.00	600.18
3	Less : Decrease due to de-capitalisation during the year / period	0.00	518.59	25.40	33.01	3.04	3.74
4	Less : Decrease due to reversal during the year / period	0.00	0.00	0.00	0.00	0.00	0.00
5	Add : Increase due to discharges during the year / period	0.00	759.92	753.76	353.06	80.01	102.29
6	<b>Closing Equity</b>	56,144.24	77,045.54	78,382.13	79,673.91	80,426.88	81,125.62
7	<b>Average Equity</b>	56,144.24	76,602.24	77,713.83	79,028.02	80,050.40	80,776.25
8	Rate of ROE (%)	21.089%	21.089%	21.140%	20.973%	21.114%	21.197%
	Return on Equity (yearly)	11840.26	16154.65	16428.70	16574.55	16901.84	17122.14
9	<b>Return on Equity (Pro-rata)</b>	<b>2,140.98</b>	<b>13,233.53</b>	<b>16,428.70</b>	<b>16,574.55</b>	<b>16,901.84</b>	<b>17,122.14</b>
		2119.35	13099.87	16223.54	16363.05	16363.05	16363.05

For D S P & Associates  
Chartered Accountants

For NHPC Limited



  
(M G Gokhale)  
GM (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 : Parbatl-III Power Station

Sl. No.	Description	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	Installed Capacity	MW	520				
2	Free power to home state	%	13 <sup>§</sup>				
3	Date of commercial operation						
	Unit#1,2		24.03.2014				
	Unit#3		30.03.2014				
	Unit # 4		06.06.2014				
4	Type of Station						
	a) Surface / underground		Underground				
	b) Purely ROR / Pondage/ Storage		ROR having diurnal Storage *				
	c) Peaking / non-peaking		Peaking*				
	d) No. of hours of peaking		Minimum 3 Hrs**				
	e) Overload capacity (MW) & period		143.1 MW/machlne & continous per machine				
5	Type of excitation						
	a) Rotating exciters on generator						
	b) Static excitation		Static				
6	Design Energy (Annual) <sup>1</sup>	Gwh	1963.29 <sup>#</sup>				
7	Auxiliary Consumption including Transformation losses	%	1.2				
8	Normative Annual Plant Availability Factor (NAPAF)	%	68% <sup>#</sup>				
9.1	Maintainance Spares for WC	% of O&M	15				
9.2	Receivables for WC	In Months	2				
9.3	Base Rate of Return on Equity	%	16.50%	16.50%	16.50%	16.50%	16.50%
9.4	Tax Rate <sup>2</sup> (FY2014-15)	%	20.961%	20.96%	21.34%	21.34%	21.55%
9.5	Effective Tax Rate <sup>4</sup>			21.76%	21.95%	21.33%	21.85%
9.6	SBI Base Rate + 350 basis points as on (01.04.2014) <sup>3</sup>	%	13.20%	13.50%	13.50%	13.50%	13.50%

<sup>1</sup> Monthwise 10-day Design energy figures to be given separately with the petition.

<sup>2</sup> Tax rate applicable to the company for the year FY 2013-14 should also be furnished. - MAT rate for 2013-14 = 20.961% (including surcharge & education cess).

<sup>3</sup> 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 refres the profit before tax.

§ Allocation of Firm Power issued by MOP, GOI vide letter dtd. 10.12.2012.

\* As considered by CERC vide order dtd. 25.06.2014 in petition no. 228/GT/2013.

\*\* CERC vide order dtd. 25.06.2014 in petition no. 228/GT/2013 has allowed peaking in two slots of morning & Evening each for 1.5 Hours

For D S P & Associates  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
GM (Comm.)

## SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Petitioner : NHPC Limited  
Name of the Generating Station : Parbati-III Power Station

<b>1. Location</b>	
State / Distt.	Himachal Pradesh / Kullu
River	Sainj
<b>2. Diversion Channel</b>	
Size, shape	2 nos, 6.75m, Horse Shoe Shape
Length	401m & 460 m
<b>3. Dam</b>	
Type	Rockfill with Clay Core
Maximum dam height (M)	43m
<b>4. Spillway</b>	
Type	Orifice Type
Crest level of spillway (M)	EL 1298 m
<b>5. Reservoir</b>	
Full Reservoir Level (FRL) (M)	EL 1330 m
Minimum Draw Down Level (MDDL)	EL 1314 m
Live storage (MCM)	1.2825
<b>6. Desilting Chamber</b>	
Type	Dufour Type
Number and Size	2 Nos., 250 m X 12.2 m X 22.5 m
Particle size to be removed (mm)	90% of 0.30 mm and above
<b>7. Head Race Tunnel</b>	
Size and type	7.25 m, Horse-Shoe
Length (M)	7875 m
Design discharge (Cumecs)	177 m <sup>3</sup> /sec
<b>8. Surge Shaft</b>	
Type	Restricted Orifice type
Diameter (M)	13 m
Height (M)	148.75 m
<b>9. Penstock/Pressure shafts</b>	
<b>Pressure Shaft</b>	
No. & Type	2 Nos., Underground Circular, steel lined
Diameter	4.50 m
Length upto mainfold	496 m & 446 m
<b>Individual Penstocks</b>	
No. & Type	4 Nos, Underground Circular, steel lined
Diameter & length	3.0 m, 37.90m each up to bifurcation
<b>10. Power House</b>	
Installed capacity (No of units x MW)	520 MW (4 X 130 MW)
Type of turbine	Vertical Francis
Rated Head (M)	326
Rated Discharge (Cumecs)	177
Head at Full Reservoir Level (M)	332.4
Head at Minimum Draw down Level (M)	315.6
MW Capability at FRL	146 MW (Output per turbine at max net head and rated speed)
MW Capability at MDDL	138.34 MW ( output per turbine at min net head and rated speed with full GV opening)
<b>11. Tail Race Tunnel</b>	
Diameter (M), shape	8.1 m, Horse Shoe
Length (M)	2700.00 m
Minimum tail water level	975.08 m-Correspondance to one unit in operation
<b>12. Switchyard</b>	
Type of Switch gear	GIS
No. of generator bays	4
No. of Bus coupler bays	1
No. of line bays	2 + 1 Spare future bay

Note : Specify limitation on generation during specific time period on account of restriction(s) on water use due to irrigation, drinking water, industrial, environmental considerations etc.

For D S P & Associates  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
GM (Comm.)

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

Name of the Petitioner  
Name of the Generating station  
Exchange rate as on COD  
Exchange rate as on 31.03.2009

NHPC Limited  
Parbati-III Power Station  
NOT APPLICABLE  
NOT APPLICABLE

Figures in lakhs

Financing Year Starting from COD	Year 1			Year 2			Year 3 and so on					
	Date	Amount in Foreign Currency	Exchange Rate (Rs)	Amount (Rs.)	Date	Amount in Foreign Currency	Exchange Rate(Rs)	Amount (Rs.)	Date	Amount in Foreign Currency	Exchange Rate (Rs)	Amount (Rs.)
<b>Currency1 CAD</b>												
A 1 At the date of Drawal <sup>2</sup>												
2 Schedule repayment date of Principal												
3 Schedule 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> CAD</b>												
A 1 At the date of Drawal <sup>2</sup>												
ERV												
2 Schedule repayment date of Principal												
3 Schedule 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> CAD</b>												
A 1 At the date of Drawal <sup>2</sup>												
ERV												
2 Schedule repayment date of Principal												
3 Schedule 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

<sup>1</sup> Name of the Currency to be mentioned e.g US \$ ,DM,etc.

<sup>2</sup> In case of more than one draw during the year ,Exchange Rate at the date of each draw to be given.

<sup>3</sup> 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.

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



For DSP & Associates  
Chartered Accountants

For NHPC Limited

  
(M G Gokhale)  
GM (Comm.)

**Details of Foreign Equity**

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

Name of the Petitioner  
Name of the Generating station  
Exchange rate as on COD  
Exchange rate as on 31.03.2009

NHPC Limited  
Parbati-III Power Station  
NOT APPLICABLE  
NOT APPLICABLE

Figures in lakhs

Financing Year Starting from COD	Year 1				Year 2				Year 3 and so on			
	Date	Amount (Foreign Currency)	Exchange Rate (Rs)	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate (Rs)	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate (Rs)	Amount (Rs.)
<b>Currency1</b>												
A 1 At the date of infusion <sup>2</sup>												
2												
3												
4												
<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												
4												
<b>Currency4<sup>1</sup> &amp; so on</b>												
A 1 At the date of infusion <sup>2</sup>												
2												
3												

NOT APPLICABLE

<sup>1</sup> Name of the Currency to be mentioned e.g US \$ ,DM,etc.

<sup>2</sup> In case of equity infusion more than once during the year, Exchangr Rate at the date of each infusion to be given.

For D S P & Associates  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
GM (Comm.)



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

**Name of the Petitioner:**

**NHPC Limited**

**Name of the Generating Station:**

**Parbati-III Power Station**

	<b>Capital Cost as admitted by CERC</b>	Rs. 187147.46 lakh
a)	<b>Capital cost admitted as on 31.03.2014</b> (Give reference of the relevant CERC Order with Petition No. & Date)	As per order dated 05.04.2019 in petition no. 07/GT/2017
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.)	Rs. 187147.46 lakh
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>Rs. 187147.46 lakh</b>

**For D S P & Associates  
Chartered Accountants**

**For NHPC Limited**



*(Signature)*  
**(M G Gokhale)  
GM (Comml.)**

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

NAME OF COMPANY: **NHPC Limited**  
 NAME OF POWER STATION: **PARBATI -III POWER STATION**  
 New Projects  
 Capital Cost as on COD (06.06.2014) **259854.76 (Rs In Lakh)**

Rs. In Lakh

Board of Director / Agency approving the capital cost estimates:	CCEA	
Date of approval of the Capital cost estimates:	9.11.2005	
Price level of approved estimates	<b>Present Day Cost</b>	<b>Completed Cost</b>
	As on 06.06.2014	As on COD of Power Station i.e. 06.06.2014
Foreign exchange rate considered for the capital cost estimates		
<b>Capital Cost excluding IDC &amp; FC</b>		
Foreign Component, if any (in Million US\$ or the relevant Currency)		
Domestic Component (Rs. Lakh.)	200236.75	200236.75
<b>Capital cost excluding IDC, FC, FERV &amp; Hedging Cost (Rs. Lakh)</b>	<b>200236.75</b>	<b>200236.75</b>
<b>IDC, FC, FERV &amp; Hedging Cost</b>		
Foreign Component, if any (in Million US\$ or the relevant Currency)		
Domestic Component (Rs. Lakh.)	59618.01	59618.01
<b>Total IDC, FC, FERV &amp; Hedging Cost (Rs. Lakh.)</b>	<b>59618.01</b>	<b>59618.01</b>
Rate of taxes & duties considered		
<b>Capital cost including IDC, FC, FERV &amp; Hedging Cost</b>		
Foreign Component, if any (in Million US\$ or the relevant Currency)		
Domestic Component (Rs..Lakh.)	259854.76	259854.76
<b>Capital cost including IDC &amp; FC (Rs. Lakh.)</b>	<b>259854.76</b>	<b>259854.76</b>
<b>Schedule of Commissioning</b>		
COD of Unit-I & II		24.03.2014
COD of Unit- III		30.03.2014
COD of Unit- IV		06.06.2014

**Note:**

- Copy of approval letter has been submitted with petition 228/GT/2013.
- Details of Capital cost are being furnished as per FORM-5B or 5C as applicable.
- Details of IDC & Financing Charges are attached as per FORM-14.
- Effect of firm Power generated during trial run has been taken into account.

**For S.N. DHAWAN & CO. LLP**

Chartered Accountants

FRN: 600050N / N500045

S.K. Khattar  
Partner

M.No. 084993

17/11/2016



For NHPC Limited

*A.K. Pandey*  
 (A.K. Pandey)  
 CE (Comm.)

Commercial Division



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**Break up of Capital cost for New Hydro Power Generating Station**

Name of the Company :  
Name of the Power Station :

NHPC LIMITED  
PARBATI-III POWER STATION

(Amount in Rs Lakh)

Sl. No.	Break Down	Original cost as approved by Authority /Investment Approval	Actual Capital Expenditure as on COD i.e. 06.06.14	Liabilities as on 06.06.14	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	1491.30	1019.14	0.25	471.91	
1.2	Land*	7281.57	7986.16	0.00	-704.60	
1.3	R&R Expenditure	814.18	380.89	0.00	433.29	
1.4	Buildings	6470.64	1610.38	0.38	4859.89	
1.5	Township	Included in 1.4 above	Included in 1.4 above	Included in 1.4 above	Included in 1.4 above	
1.6	Maintenance	1283.00	527.21	0.00	755.78	
1.7	(A) Tools & Plants	741.00	1.20	0.00	739.80	
	(B) Special Tool & Plant	215.00	101.22	0.00	113.78	
1.8	Communication	4689.01	5015.13	236.26	-562.37	
1.9	Environment & Ecology	4692.00	6308.61	0.71	-1617.32	
2.0	Losses on stock	321.00	5.20	0.00	315.80	
2.1	Receipt & Recoveries	-184.00	-1958.50	0.00	1774.50	
2.2	Miscellaneous	4593.23	4646.04	50.24	-103.06	
1.1	<b>Total (Infrastructure works)</b>	<b>32407.93</b>	<b>25642.68</b>	<b>287.84</b>	<b>6477.42</b>	
2	<b>Major Civil Works</b>					
2.1	Dam, Intake & Desilting Chambers					
2.2	HRT, TRT, Surge Shaft & Pressure shafts	110207.21	78211.74	2186.67	29808.80	
2.3	Power Plant civil works					
2.4	Other civil works (to be specified)					
	<b>Total (Major Civil Works)</b>	<b>110207.21</b>	<b>78211.74</b>	<b>2186.67</b>	<b>29808.80</b>	
3	Hydro Mechanical equipments	6924.58	10320.89	664.04	-4060.37	
4	<b>Plant &amp; Equipment</b>	52102.16	56006.83	2852.11	-6756.79	
4.1	Initial spares of Plant & Equipment (included in above sl.No. 4)	1600.00	2215.00			
	<b>Total (Plant &amp; Equipment)</b>	<b>52102.16</b>	<b>56006.83</b>	<b>2852.11</b>	<b>-6756.79</b>	
5	<b>Taxes and Duties</b>					
5.1	Custom Duty					
5.2	Other taxes & Duties					
	<b>Total Taxes &amp; Duties</b>					
6	<b>Construction &amp; Pre-commissioning expenses</b>		Included in above.			
6.1	Erection, testing & commissioning					
6.2	Construction Insurance					
6.3	Site supervision					
	<b>Total (Const. &amp; Pre-commissioning)</b>					



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Break up of Capital cost for New Hydro Power Generating StationName of the Company : NHPC LIMITED  
Name of the Power Station : PARBATI-III POWER STATION

(Amount in Rs Lakh)

Sl. No.	Break Down	Original cost as approved by Authority /Investment Approval	Actual Capital Expenditure as on COD i.e. 06.06.14	Liabilities as on 06.06.14	Variation	Reason for Variation*
1	2	3	4	5	6=(3-4-5)	7
7	<b>Overheads</b>					
7.1	Establishment	6925.00	22314.89	0.00	-15389.89	
7.2	Design & Engineering				0.00	
7.3	Audit & Accounts	1483.00	1749.06	0.00	-266.06	
7.4	Contingency				0.00	
7.5	Rehabilitation & Resettlement	65.00	0.00	0.00	65.00	
	<b>Total (Overheads)</b>	<b>8473.00</b>	<b>24063.95</b>	<b>0.00</b>	<b>-15590.95</b>	
					0.00	
8	<b>Capital Cost without IDC, FC, FERV &amp; Hedging Cost</b>	<b>210114.86</b>	<b>194246.08</b>	<b>5990.66</b>	<b>9878.11</b>	
9	<b>IDC, FC, FERV &amp; Hedging Cost</b>					
9.1	Interest During Construction (IDC)	19051.00	58997.25	0.00	-39946.25	
9.2	Financing Charges (FC)	1291.00	620.76	0.00	670.24	
9.3	Foreign Exchange Rate Variation (FERV)					
9.4	Hedging Cost					
	<b>Total of IDC, FC, FERV &amp; Hedging Cost</b>	<b>20342.00</b>	<b>59618.01</b>	<b>0.00</b>	<b>-39276.01</b>	
10	<b>Capital cost Including IDC, FC, FERV &amp; Hedging Cost</b>	<b>230456.86</b>	<b>253864.09</b>	<b>5990.66</b>	<b>-29397.90</b>	

Note:

1. In case of 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. -"Board approval on RCE amounting to Rs. 2611.85 Crs with agenda Note reflecting analysis of Time & Cost overrun has been enclosed at Annex-IV.

For S.N. DHAWAN & CO. LLP  
Chartered Accountants  
FRN: 000050N / N500045S.K. Khattar  
Partner  
M.No. 084993

17/11/2016

For NHPC Limited

(A.K.Pantley)  
CE (Comm.)  
Commercial Division

**Break-up of capital cost for plant & equipment (New Projects)**

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Parbati-III Power Station

Rs. in Lakhs

SI.No.	Break Down	Original cost as approved by authority	Cost as on COD	varlation	Reason for variation
1	2	3	4	5=(3-4)	6
1.0	Generator, Turbine & Accessories.				
1.1	Generator Package	26882.18	18450.71	8431.47	
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>	<b>26882.18</b>	<b>18450.71</b>	<b>8431.47</b>	
2.0	<b>Auxiliary Electrical Equipment</b>				
2.1	Step-Up Transformer	1945.05	5138.18	-3193.13	
2.2	Unit Auxillary Transformer	58.92	1057.40	-998.49	
2.3	Local supply transformer		0.00	0.00	
2.4	Station Transformer	49.10	0.00	49.10	
2.5	SCADA	1472.88	2821.69	-1348.81	
2.6	Switchgear,Batteries,DC Dist. Board	122.74	0.00	122.74	
2.7	Telecommunication Eqp.	92.05	0.00	92.05	
2.8	Illumination of Dam, PH and Switchyard	122.74	507.15	-384.41	
2.9	Cables and Cables facilities,grounding	521.64	2209.74	-1688.09	
2.10	Diesel Generating sets	196.38	344.03	-147.65	
2.11	220 V Batteries, Battery charging equipment, D.C.Distribution Board with D.C. Switchgear (Rating 1500 AH)	73.64	312.38	-238.73	
2.12	11 KV Distribution Board for auxiliary power supply	36.82	0.00	36.82	
2.13	Transformer track rails in the power house	14.73	0.00	14.73	
2.14	Electrical Test Laboratory	73.64	414.05	-340.41	
2.15	Public address system, security & surveillance system	122.74	208.37	-85.63	
2.16	Initial for all above	121.43			
2.17	<b>Total (Auxiliary Elect. Equipment)</b>	<b>5024.51</b>	<b>13012.98</b>	<b>-8109.90</b>	
3.0	<b>Auxiliary equipment and services for power station</b>				
3.1	EOT Crane	417.31	1202.66	-785.35	
3.2	Other Cranes	99.42	0.00	99.42	
3.3	Electric lifts & elevators	49.10	94.69	-45.60	
3.4	Cooling Water System	0.00	included in	0.00	
3.5	Drainage & dewatering System	49.10	3.1 above	49.10	
3.6	Fire Fighting equipment	184.11	253.82	-69.71	
3.7	Air conditioning, ventilation and Heating	275.11	737.87	-462.76	
3.8	water supply system	22.09	0.00	22.09	
3.9	Oil handling Equipment	73.64	346.38	-272.74	
3.10	Workshop machines and equipment	85.92	161.64	-75.72	
3.11	Tractor trailer, Gib Crane, Forklifters and other misc	540.05	0.00	540.05	
3.12	Initial Spare for above	50.41			
3.12	<b>Total(Auxiliary equipment and services for power station)</b>	<b>1846.26</b>	<b>2797.06</b>	<b>-1001.21</b>	
4.0	<b>Switchyard Package</b>	<b>6166.17</b>	<b>8437.32</b>	<b>-2271.15</b>	
5.0	<b>Total Cost (Plant &amp; Equipment) excluding IDC, FC, FERV &amp; Hedging Cost</b>	<b>39919.12</b>	<b>42698.07</b>	<b>-2950.79</b>	
6.0	<b>Initial Spare included in above (SI.No. 5.0)</b>	<b>1600.00</b>	<b>2215.00</b>	<b>-615.00</b>	
7.0	IDC, FC, FERV & Heading Cost				
7.1	Interstet Durlng Construction(IDC)				
7.2	Financing Charges(FC)				
7.3	Foreign Exchange Rate Variation (FERV)				
7.4	Heading Cost				
7.5	<b>Total of IDC,FC,FERV &amp; Heading cost</b>				
8.0					
8.1	Preliminary	529.05	150.00	379.05	
8.2	Contingencies	1002.30	48.04	954.26	

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Sl.No.	Break Down	Original cost as approved by authority	Cost as on COD	variation	Reason for variation
1	2	3	4	5=(3-4)	6
8.3	Establishment	2004.60	8760.29	-6755.69	
8.4	T&P @				
8.5	Audit & account chrges @ 1% of items 2-5	515.86	711.50	-195.63	
8.6	<b>Total</b>	<b>4051.81</b>	<b>9669.82</b>	<b>-5618.01</b>	
9.0	Transportation and Erection Charges				
9.1	Transportation	2395.15	605.69	1789.45	
9.2	Installation	3065.31	3453.05	-387.73	
9.3	Escalation on erection		532.04	-532.04	
9.4	<b>TOTAL(Transportation and Erection Charges)</b>	<b>5460.46</b>	<b>4590.78</b>	<b>869.68</b>	
10.0	<b>Grand Total(except Taxes and Duties)</b>	<b>49431.40</b>	<b>56958.67</b>	<b>-7699.12</b>	
11	Taxes and Duties				
11.1	Custom Duty	1312.67	0.00	1312.67	
11.2	Central Sale Tax	1358.10	415.63	942.46	
11.3	HP Entry Tax	0.00	1458.52	-1458.52	
11.4	Bhopal Municipal Exit tax		13.00	-13.00	
11.5	Service Tax		13.12	-13.12	
11.6	<b>TOTAL(Taxes and Duties)</b>	<b>2670.76</b>	<b>1900.28</b>	<b>770.49</b>	
12	<b>Total-Plant &amp; Equipment(Including Taxes)</b>	<b>52102.16</b>	<b>58858.95</b>	<b>-6928.63</b>	

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 S.N. DHAWAN & CO. LLP  
Chartered Accountants  
FRN: 000050N / N500046

S.K. Khattar  
Partner  
M.No. 084993

17/11/2016



For NHPC Limited

(A.K.Pandey)  
CE (Comml.)  
Commercial Division



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Break-up of Construction/Supply/Service packages

Name of the Petitioner : NHPC Limited  
Name of the Generating Station : Parbati-III Power Station

1	Name/No. of Construction / Supply / Service Package	Package A	Package B	Package C			Package D						Total Cost of all packages						
		(Civil work Package PB-III: Lot-I) M/s Patel-L&T Consortium	(Civil work Package PB-III: Lot-2) M/s Jager-Ganem JV	(HM works of PHEP-III: Lot-3) M/S OM Metals-SPML JV			(E&M Works of PHEP-III: Lot-IV) M/s BHEL			(E&M Works of PHEP-III: Lot-IV) M/s BHEL									
2	Scope of works <sup>1</sup> (in line with head of cost break-ups as applicable)	Construction of Diversion cum spillway Tunnels including Gates and Hoists, Cofferdams, Rockfill Dam, Spillway, Intake Structure and part of Head Race Tunnel	Construction of part Head Race Tunnel, Surge Shaft, Pressure Shaft, Power House & Tail Race Tunnel	Providing all services i.e. port handling and clearance for imported goods, further loading & inland transportation for delivery at site unloading storage handling at site installation testing and commissioning including performance testing in respect of all the equipments /materials supplied by you under "First contract" and any other services specified in the contract documents for lot-III (HM works of lot -III)	Providing all services i.e. port handling and clearance for imported goods, further loading & inland transportation for delivery at site unloading storage handling at site installation testing and commissioning including performance testing in respect of all the equipments /materials supplied by you under " First contract" and any other services specified in the contract documents for lot-III (HM works of lot -III)		Ex-works supply and on-site supply of all plants and equipments including specified spare parts and tools & instruments for Lot -IV Electrical & Mechanical works of Parbati H.E Project Stage -III					Providing all services i.e. inland transportation for delivery at site unloading storage handling at site installation testing and commissioning including performance testing in respect of all the equipments supplied and any other services specified in the contract documents for lot-IV Elect and Mech works of Parbati H.E project stage -III							
3	Whether awarded through ICB/DCB/ Departmentally/Deposit Work	ICB	ICB	ICB			ICB			ICB									
4	No. of bids received	8	8	4			6			6									
5	Date of Award	12/15/2005	12/15/2005	7/26/2007			12/29/2006			12/29/2006									
6	Date of Start of work	12/15/2005	12/15/2005	7/26/2007			12/29/2006			12/29/2006									
7	Date of Completion of Work/Expected date of completion of work	5/20/2013	10/31/2013	11/3/2014			06.06.14												
8	Value of Award in (Rs. Lakh)	43,907.84	30,471.53	(Euro 35,48,491.73 @ of Rs.55.50 on 15.12.2005) Total awarded value Rs.1969.41 Lakh	7938.19	(Euro 524000 @ 55.35 on 15.12.2005) Total awarded value Rs.290.00 Lakh	290.00	1381.09	28,272.03	(Euro 2,86,4,281 @ Rs 58.17 on 29.12.2006) Total awarded value Rs.1666.15 Lakh	1,665.15	(CHF 1,28,48,109 @Rs. 36.26 on 29.12.2006) Total awarded value Rs.4658.72 Lakh	4,658.72	3716.83	(Euro 752871 @Rs. 58.17 on 29.12.2006) Total awarded value Rs.437.95 Lakh	437.95	(CHF 778251 @ 36.26 on 29.12.2006) Total awarded value Rs.282.19 Lakh	282.19	124,290.54
9	Firm or With Escalation in prices	with escalation	with escalation	with escalation	with escalation	with escalation	with escalation	with escalation	with escalation	with escalation	with escalation	with escalation	with escalation	with escalation	with escalation	with escalation	with escalation	with escalation	
10	Actual capital expenditure till the completion or up to COD whichever is earlier (Rs.Lakh)	48,142.46	33162.92		8352.50	345.76		1411.88	34609.95	1852.61		6423.89	3589.49	583.26		423.61			138,898.33
11	Taxes & Duties and IEDC (Rs. Lakh)	12,839.81	10515.74		2661.09	110.16		449.82	16775.15	897.94		3113.61	1739.80	282.70		205.32			49,591.14
12	ERV on account of contractual payment	21.36	17.49		0.00	5.36		0.00	0.00	7.89		27.34	0.00	2.48		1.80			83.72
13	IDC, FC, FERV & Hedging const (Rs. Lakh)	10,798.05	8843.55		2237.93	92.64		378.29	15103.92	808.49		2803.41	1566.47	254.54		184.87			43,072.17
14	Sub - Total (10+11+12) (Rs. Lakh)*	71,801.68	52538.70		13251.53	553.92		2240.00	66489.02	3566.93		12368.25	6895.75	1122.98		815.60			231,645.33

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.  
\* The indicated figures are without Normative IDC of Rs.16545.65 Lakh.



For S.N. DHAWAN & CO. LLP  
Chartered Accountants  
F.No. 000038/N / N500045  
S.K. Prasad  
Partner  
M.No. 084993  
17/11/2016



For NHPC Limited  
(A.K. Pandey)  
CE (Control)  
Commercial Division



In case there is cost over run

Name of the Petitioner : NHPC Limited  
Name of the Generating Station : Parbati-III 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. In Lakhs)	Difference (Rs. In Lakhs)	Reason for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost (Rs. In Lakhs)
<b>1</b>	<b>Cost of Land &amp; Site Development</b>					
1.1	Land*	7,281.57	11,085.72	3,804.15	1. Amount for Compensation for Pvt. Building coming under acquired land was paid as per assessment by HPPWD and decided by court & extra houses were constructed after assessment done in DPR resulting in increase of Rs. 9.5 Crores. 2. Interest charges on account of award for the period between taking over possession of land and date of award, accumulated due to delay on announcement of award for private land by State govt resulting in an increase of Rs. 16.8 Crores.	
1.2	Rehabilitation & Resettlement (R&R)	814.18		(814.18)	1. Provision for an amount of Rs. 3.28 crores has been kept as Livelihood assistance to PAFs as construction stage cost, as decided in a meeting with Govt. Officials on 27.06.15 in Shimla in future expenses and further approved by NHPC Board in 387th meeting. However, only an amount of Rs. 3.28 crores as Construction Stage Cost, out of total amount of Rs. 15.27 crores has been considered in balance works in RCE at Dec'14 PL. 2. Also an amount of Rs. 3 crores has been kept in future expenses for any unforeseen expenditure under this head.	
1.3	Preliminary Investigation & Site Development	1,491.30	1,056.12	(435.18)	There is decrease of Rs. 4.35 Crores w.r.t CCEA cost, as major part of the investigation works were already completed by HPSEB and by project prior to submission of TEC. As such no significant investigation as per actual was carried out for the Project after CCEA	
<b>2</b>	<b>Plant &amp; Equipment</b>					
2.1	Electrical & Mechanical Package(Lot-IV)					
2.1.1	Preliminary Expenses	529.05		64,874.32		
2.1.2	Generating Plant & Equipment	39,712.43		(39,712.43)		
2.1.3	Substation Equipment and Auxiliary Equipment and Service for Switchyard	235.18		(235.18)		
2.1.4	420 kV GIS & XLPE Cable	8,102.73	65,403.37	(8,102.73)		
2.1.5	Contingencies & Taxes	1,002.30		(1,002.30)		
2.1.6	Establishment, Audit expenses & other miscellaneous expenses charged to work	2,520.46		(2,520.46)	Although a negative variance of Rs. 41 crores is observed due to exemption of Excise duty and decrease in CST from 4% to 2%, yet due to price escalation & escalation in foreign exchange rate variation, an increase of Rs. 78 crores & Rs. 44 crores respectively is observed. Also increase due to Under estimation at the time of DPR lead to increase of Rs. 51 crores, which overall lead to an increase of Rs. 133 crores.	



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Sl. No.	Break Down	Original cost as approved by Board Members (Rs in Lakhs)	Actual/Estimated cost as incurred/to be incurred** (Rs. In Lakhs)	Difference (Rs. In Lakhs)	Reason for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost (Rs. In Lakhs)
	<b>Total Electrical &amp; Mechanical Package (Lot-IV)</b>	<b>52,102.16</b>	<b>65,403.37</b>	<b>13,301.21</b>		
2.2	<b>Hydro-Mechanical Package Lot-III</b>					
2.2.1	Diversion tunnel	156.25	588.35	432.10	Out of a total positive variation of Rs. 49 crores, Rs. 30 crores (approx) has increased due to under provisioning in DPR & about Rs. 15 crores has increased due to Price escalation	
2.2.2	Rockfill Dam	1,228.24	1,619.52	391.28		
2.2.3	Power Tunnel Intake structure	302.35	538.61	236.27		
2.2.4	Desilting Chamber	96.11	151.31	55.20		
2.2.5	Silt Flushing Tunnels, SFT- Branch Tunnels, Gate Operation Chamber, Gate Shaft	712.97	1,390.41	677.44		
2.2.6	Adits	20.65	16.53	(4.12)		
2.2.7	Surge Shaft	162.22	393.59	231.37		
2.2.8	Pressure Shaft	3,984.99	6,741.44	2,756.45		
2.2.9	Power House	195.88	247.63	51.75		
2.2.10	Tail Race Tunnel	64.90	145.26	80.36		
	<b>Total Hydro-Mechanical Package Lot-III</b>	<b>6,924.56</b>	<b>11,832.65</b>	<b>4,908.09</b>		
2	<b>Total Plant &amp; Equipment</b>	<b>59,026.72</b>	<b>77,236.02</b>	<b>18,209.30</b>		
3	<b>Civil Works</b>					
3.1	<b>Major Works</b>				Although a positive variance of Rs. 131 crores is due to Price Escalation, yet either due to reduction in quantities being executed or due to lower rates being awarded, an overall negative variance of Rs. 280 crores is observed in major civil works. Detailed reasons for each components are given as below:-	
3.1.1	Diversion Tunnel	2,168.01	3,628.71	1,460.70	Overall positive deviation is mainly due to following changes- After reduction of one bay of spillway, one no diversion tunnel is replaced with 2 nos. 6.75m Ø horse shoe shaped diversion cum spillway tunnels with lengths of 401m & 460m respectively to cater a diversion discharge of 800 cumecs and part of design flood of 3300 cumecs at FRL of 1330m. Hence there is increase in quantities leading to positive deviation	

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Sl. No.	Break Down	Original cost as approved by Board Members (Rs in Lakhs)	Actual/Estimated cost as incurred/to be incurred** (Rs. In Lakhs)	Difference (Rs. In Lakhs)	Reason for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost (Rs. In Lakhs)
3.1.2	Rockfill Dam & Cofferdam & miscellaneous work	26,544.75	14,616.29	(11,928.45)	Overall negative deviation is mainly due to :- There had been decrease in the rockfill dam quantities due to reduction of length of dam by 11 m due to topographical conditions. Also during detail Design it was apprehended that providing 3 nos spillway bays on left bank, height of surface excavation /cutting of rocks would be approximately 108m with a slope of 1H: 6V and intermediate berms of 3m width at 15m interval. This high cut slope (>100m) with moderate rock conditions appeared potentially dangerous during construction stage and even afterwards. Hence one number of spillway bay was reduced. However the major impact for negative variation is also due to considerably low awarded rates.	
3.1.3	Power Tunnel Intake structure	1,447.19	2,959.78	1,512.59	Positive deviation is observed due to under estimation of quantities to be executed at site at the time of preparing DPR.	
3.1.4	Desilting Chamber	13,668.50	6,245.94	(7,422.56)	Due to better geological conditions and thereby due to reduction in size of chamber, very less amount of quantities were executed at site. Also due to lower awarded rates than as envisaged in DPR, resulted in negative variance.	
3.1.5	Inlet Tunnels, Branch Tunnels, Gate Operation Chamber	5,890.70	3,108.08	(2,782.62)	The length of Intake tunnels increased from 450 m as envisaged in DPR to 493m due to reduction in length of Desilting Chambers thereby changing the length of construction adit to intake tunnel from 500 m to 443m also. It resulted in considerable change in size & length of Gate Operating Chamber of Desilting Chamber, Access adit to GOC of DC & Branch construction adit to DC; which ultimately resulted in overall negative variation of executed quantities. Further the rates awarded have also been on lesser side which also added to negative variations.	
3.1.6	Silt Flushing Tunnels, SFT- Branch Tunnels, Gate Operation Chamber	698.62	757.31	58.68	Although the length of branch Silt Flushing Tunnels got reduced from 200m & 220 m to 184m & 160m due to change in length & size of Desilting Chamber, yet the length of branch access adit to GOC to SFT increased from 160 to 210m, and the length of main SFT increased from 180m to 186 m but only 136m out of 186m was underground and the rest 50 m was in cut & cover, hence it led to overall increase in excavation quantities and rock supports. Also more of these excavated quantities was in Class I, II & III rock condition which resulted in overall minor positive deviation, although lower awarded rates have a negative impact and compensated for positive deviation.	

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Sl. No.	Break Down	Original cost as approved by Board Members (Rs in Lakhs)	Actual/Estimated cost as incurred/to be incurred** (Rs. In Lakhs)	Difference (Rs. In Lakhs)	Reason for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost (Rs. In Lakhs)
3.1.7	Adits Lot-1	1,742.88	1,462.80	(280.08)	The length of Adit in Lot-I got reduced from 910 m to 860 m & also lesser rates quoted/awarded by contractor resulted in overall negative deviation. As the rock condition in the area was not that poor, hence much of rock support & backfill concrete as envisaged in DPR was not executed at site. Also the length of Adit in Lot-II got reduced from 270m to 256m. Above reasons along with lesser rates quoted/awarded by contractor resulted in overall negative deviation.	
3.1.8	Head Race Tunnel-Lot-1	17,628.88	12,701.33	(4,927.55)	The length of HRT got reduced from 7980 m to 7875 m during detailed design and also about 300 m length of HRT was excavated by Lot-II which was in scope of Lot-I, thereby reduction in qty of excavation. Also rates discovered through tendering process were on lower side hence the negative variation.	
3.1.9	Adits Lot-2	514.44	310.17	(204.26)	The length of Adit no.3 (in the scope of Lot-2) got reduced from 270m to 256 m due to change in orientation of HRT during detailed design resulting in overall lesser quantities being executed & consequently led to a negative variation.	
3.1.10	Head Race Tunnel-Lot-2	5,913.84	5,200.11	(713.73)	Due to change in length of HRT from 7980m to 7875m due to detailed design, there should have been an overall negative deviation. But as Lot-II contractor has executed the works of Lot-I contractor, major negative deviation got compensated and only a minor negative deviation of quantity is observed here that too mainly due to better rock conditions encountered in HRT reach of Lot-II also. Moreover various items considered in initial estimation such as Pressure Relief Holes and Exploratory Drilling were not actually found required due to better rock conditions.	
3.1.11	Surge Shaft	3,286.82	2,825.25	(461.57)	Taking location advantage of protruding rock ledge and favourable topographical conditions diameter of surge shaft got reduced from 20m to 13m which was finalized after transient analysis, which lead to increase in the height of Surge Shaft from 113.75 m to 148.75 m and hence the required height of Surge Shaft was achieved by concreting above ground level, thereby increasing its height above natural ground level. Also due to reduction in dia of Surge shaft, length of surge gallery increased from 100 m to 222 m & length of adit increased from 120 m to 175 m; thereby increasing the qty executed. However there is nominal increase in quoted rates, yet overall negative variation due to increase in qty executed at site is observed.	



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Sl. No.	Break Down	Original cost as approved by Board Members (Rs. In Lakhs)	Actual/Estimated cost as incurred/to be incurred** (Rs. In Lakhs)	Difference (Rs. In Lakhs)	Reason for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost (Rs. In Lakhs)
3.1.12	Pressure Shaft	4,289.64	3,216.76	(1,072.88)	Although increase in quantities of underground excavation was there due to increase in length of Pressure Shafts from 375 m & 345m to 496m & 446m due to shift in location of Surge Shaft, yet lesser amount of concrete was poured at site than as envisaged in DPR as RCC & PCC for concrete lining was not executed at Pressure Shaft as there was steel lining in Pressure Shaft but provisions for the same were not kept in DPR lead to negative deviations. Also the quoted/awarded rates were lower than that envisaged in DPR resulting in overall negative variation.	
3.1.13	Power House, Surge Chamber & Transformer C	10,527.73	12,328.07	1,800.35	Although there was considerable reduction in size of Transformer Cavern and Surge Chamber, yet due to increase in size of Power House and due to addition of Approach adit to TC from Control Block & Service bay and Approach adit to Surge Chamber which were not envisaged in DPR, there was minor increase in qty of excavation. Also variation in exchange rates of Euro led to increase in cost of excavation. However lesser rates quoted by contractor compensated for increase in variation & positive variance is observed mainly due to Price escalation component.	
3.1.14	Pothead Yard	1,245.70	1,048.41	(197.30)	Due to change in design of Pothead yard as two tier arrangement instead of one as envisaged in DPR, surface excavation was reduced considerably, leading to overall negative deviation. Also rate quoted by the contractor was considerably very low.	
3.1.15	Access Tunnel to PH	4,418.47	1,492.77	(2,925.71)	Over estimation of quantities at the time of preparing DPR, low awarded rates and better rock conditions encountered at site lead to an overall negative variance.	
3.1.16	Tail Race Tunnel	10,221.04	7,640.39	(2,580.64)	Over estimation of quantities at the time of preparing DPR, low awarded rates and better rock conditions encountered at site lead to an overall negative variance.	
3.1.17	Misc. works		579.70	579.70		
3.2	Township & Colony	6,470.64	4,748.29	(1,722.35)	Although a positive variation of Rs. 13 crores is observed due to Price escalation & Rs. 12 crores is observed for C/o Engineering college at Bilaspur, yet overall negative variation is due to over estimation of C/o Permanent residential buildings at Sainj / Behali & Sapangini as many buildings were revised from DPR & no. of quarters kept at the time of DPR were revised to a lower number at the time of execution. Also negative deviation of about Rs. 13.19 Crores is observed due to non construction of temporary residential buildings at Sainj and Pre-fab buildings at Sainj because most quarters of Parbat-II HEP at Sainj were utilized for residential purposes for PHEP-III also, thereby nullifying the need for construction of extra temporary buildings at Sainj for PHEP-III, and hence an overall negative variation of Rs. 17.22 Crores is observed	



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Sl. No.	Break Down	Original cost as approved by Board Members (Rs in Lakhs)	Actual/Estimated cost as incurred/to be incurred** (Rs. In Lakhs)	Difference (Rs. In Lakhs)	Reason for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost (Rs. In Lakhs)
3.3	Road & Drainage	4,689.01	7,122.67	2,433.65	1. Major increase of Rs. 17.67 crores is due to increase in price escalation. 2. Although various access roads for clay quarries and other sites were not build, yet addition is because of up gradation, improvement & Addition of Larji-Suind Road, deposit work for tarring road (Behali to Larji) and construction of temporary bailey bridge on river Sainj at u/s coffer dam resulted in overall positive deviation.	
3	<b>Total Civil works</b>	<b>121,366.87</b>	<b>94,992.82</b>	<b>(29,374.05)</b>		
4	<b>Overheads</b>					
4.1	Establishment	6,925.00	22,314.89	15,389.89	There is a net increase of Rs. 154 Crores due to under provisions and price escalation. Breakup of reasons for increase is as under: 1. Implementation of wage revision against 6th pay commission applicable in central PSUs w.e.f. 01.01.2007. 2. Increase in establishment cost due to increase in Dearness Allowance (DA). The effect of DA may be under stood with the pattern as that DA was 51.20% on May 2005 which increased to 65.20% on 31.12.2006. Further, on wages revision w.e.f. 01.01.2007, effect of DA is taken as 'Zero' which again increased to 39.80% and 78.90% on Nov, 2010 and Sept' 2013 respectively. 3. Implementation of Performance Related Pay (PRP), which has an impact on establishment cost higher than that of PLGI. 4. Increase in various other components directly related to Basic Pay, such as SCA, EPF MC etc. 5. Effect of yearly increment on basic Pay of Employees. 6. Increase due to time overrun. 7. Increase due to under provision in DPR.	
4.2	Audit & Accounts	1,483.00	1,747.53	264.53		
4.3	Maintenance	1,283.00	526.40	(756.60)		
4.4	(A.) Tools & Plants	741.00	5.11	(735.89)		
4.5	(B ) Special Tool & Plant	215.00	954.99	739.99	An increase of Rs. 2.18 crores is due to price escalation and Rs. 4.67 crores is due to under estimation of various vehicles/equipments as envisaged in DPR.	
4.6	Environment & Ecology	4,692.00	7,363.53	2,671.53	Major reason for increase of Rs. 26.72 crores is due to Statutory levies as applicable in the State and as requisitioned 1.5% of project cost against LADA.	
4.7	Losses on stock	321.00	5.20	(315.80)		
4.8	Receipt & Recoveries	(184.00)	(1,958.50)	(1,774.50)		

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Sl. No.	Break Down	Original cost as approved by Board Members (Rs in Lakhs)	Actual/Estimated cost as incurred/to be incurred** (Rs. In Lakhs)	Difference (Rs. In Lakhs)	Reason for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost (Rs. In Lakhs)
4.9	Miscellaneous	4,593.23	5,783.12	1,189.90	Major reason for increase of Rs. 11.90 crores is due to price escalation. Increase in Price Escalation is because of- Increase of 59.90% price index in labour component up to Nov'10 and 122.27% up to Dec'14 over the base indices at the time of approval of DPR i.e. May'2005 PL. Increase of 40.29% price index in Material component up to Nov'10 and 75.45% up to Dec'14 over the base indices at the time of approval of DPR i.e. May'2005 PL. Due to this, rates at the time of award are on higher side than the one kept in DPR provision.	
4.10	Capitalised Value of abatement of Land Revenue (5% of Cost of Culturable Land)	65.00	-	(65.00)		
4	<b>Total Overheads</b>	<b>20,134.23</b>	<b>36,742.26</b>	<b>16,608.04</b>		
5	<b>Capital cost excluding IDC &amp; FC</b>	<b>210,114.86</b>	<b>218,112.94</b>	<b>7,998.08</b>		
6	<b>IDC, FC, FERV &amp; Hedging Cost</b>					
6.1	Interest During Construction (IDC)	19,051.00	42,451.40	23,400.40	The reason for positive variation is due to a time overrun of 42.90 months which resulted in accumulation of this amount of Rs. 234 crores which finally lead to cost overrun of the project.	
6.2	Financing Charges (FC)	1,291.00	620.76	(670.24)		
6	<b>Total of IDC &amp; FC</b>	<b>20,342.00</b>	<b>43,072.16</b>	<b>22,730.16</b>		
7	<b>Capital cost including IDC &amp; FC</b>	<b>230,456.86</b>	<b>261,185.10</b>	<b>30,728.25</b>		

\*Submit details of Freehold and Lease hold land

\*\*The indicated figures of expected completion cost is excluding Normative IDC of Rs.16545.85 Lakh.

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

For S.N. DHAWAN & CO. LLP  
Chartered Accountants  
FRN: 000050N / N50004S

*S.K. Khattar*  
S.K. Khattar  
Partner

M.No. 084993

17/11/2016



For NHPC Limited

*A.K. Pandey*  
(A.K. Pandey)  
CE (Comm.)  
Commercial Division



In case there is time over run

Name of the Petitioner :  
Name of the Generating Station :

NHPC Limited  
Parbati-III Power Station

S. No.	Activity 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			
I		<b>INFRASTRUTURE Works</b>							
1	A1000	Acquisition of land*	10.11.05	09.11.07	07.03.03	25.10.11	48.00	Not on critical path	A1020, A1040, A1050, A1085, A1095, 1110, A1115, A1170, A1085, A1200, A1235, A1345, A1400
2	A1010	Construction of Power	10.11.05	09.03.07	07.03.03	31.01.08	11.00		
3	A1320	Cont of residential and non residential building	10.11.05	09.11.08	07.03.03	10.10.10	23.00		
II		<b>Main Works</b>							
A		<b>Diversion works(Tunnel)</b>							
1	A1020	Excavation(Including portal)	10.11.05	24.03.06	17.02.06	07.11.06	8.00	Not on critical path	A1025
2	A1025	Concreting	24.03.06	23.06.06	23.11.06	13.03.07	9.00		A1030, A1035
3	A1030	Grouting and cleaning	10.05.06	09.07.06	20.01.07	15.03.07	8.00		A1045
4	A1035	Design fabrication & supply - Service & Emergency gates	10.11.05	09.02.07	01.02.07	31.01.09	24.00		
B		<b>COFFER DAM(U/S &amp; D/S)</b>							
1	A1040	Transportation of material for coffer dam near u/s & d/s coffer	10.11.05	09.08.06	01.08.06	15.03.07	7.00	Not on critical path	A1045
2	A1045	Construction of u/s & d/s coffer	10.08.06	09.09.06	24.04.07	08.07.07	10.00		A1055, A1075
C		<b>Diversion DAM (Rock Fill)</b>							

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S. No.	Activity 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		
<b>a</b>		<b>Excavation</b>							
1	A1050	Abutment	10.09.06	09.10.07	30.08.06	15.07.07	-3.00	Not on critical path	A1075
2	A1055	River Bed	10.09.06	09.10.07	24.04.07	14.10.08	12.00		A1060, A1070
3	A1060	Excavation & concreting of diaphragm wall	10.11.06	09.08.08	16.12.07	14.10.08	2.00		A1065, A1070
4	A1065	Grouting	10.07.08	09.09.08	14.03.08	15.03.12	43.00		
<b>b</b>		<b>Rockfilling</b>							
1	A1070	Rockfilling, Graded material filling, clay filling & rip rap laying	10.08.08	09.01.10	22.07.07	30.06.11	18.00	Not on critical path	A1434
<b>c</b>		<b>Spillway</b>							
1	A1075	Excavation	10.09.06	09.12.07	07.01.08	27.04.10	29.00	Not on critical path	A1080
2	A1080	Concreting	10.12.07	09.01.09	27.12.09	23.01.12	37.00		A1434
<b>D</b>		<b>Intake Tunnel(2Nos.)</b>							
1	A1085	Excavation	10.05.06	09.12.06	17.02.07	04.02.08	14.00	Not on critical path	A1090
2	A1090	Concreting	10.12.06	09.04.07	08.03.08	20.04.09	25.00		
<b>E</b>		<b>Intake structure</b>							
1	A1095	Excavation	10.11.05	09.12.06	15.10.08	24.09.09	34.00	Not on critical path	A1100
2	A1100	Concreting	10.12.06	09.07.07	15.07.09	31.01.11	43.00		A1105
3	A1105	Hydromechanical works	10.11.05	09.08.10	01.07.10	18.01.13	30.00		A1434
<b>F</b>		<b>Desilting chamber</b>							
1	A1110	Excavation of adit to desilting chamber	10.11.05	24.04.06	01.03.06	25.01.07	9.00	Not on critical path	A1120
2	A1115	Excavation of SFT & its branches	10.11.05	09.09.06	01.03.08	18.08.08	24.00		A1155
3	A1120	Excavation of GOC adits, its cavern & gate shaft	24.11.05	23.09.06	29.08.06	23.01.07	4.00		A1125
4	A1125	Excavation of tunnel & its enlargement through DC	24.04.06	23.04.07	15.05.07	10.08.07	4.00		A1130
5	A1130	Concreting of DC cavern dome	24.04.07	23.12.07	04.09.07	25.02.08	2.00		A1135
6	A1135	Benching down of DC cavern	24.12.07	23.02.09	01.04.08	30.04.09	2.00		A1140
7	A1140	Concreting of benched down portion	24.08.08	23.08.09	01.05.09	31.07.09	-1.00		A1145
8	A1145	Excavation of hopper	10.06.09	09.12.09	18.06.09	24.11.09	-1.00		A1150
9	A1150	Concreting of hooper	10.07.09	09.07.10	14.09.10	29.11.10	11.00		A1155

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S. No.	Activity 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		
10	A1155	Concreting of GOC adits, its cavern and gate shafts	10.09.06	09.09.07	01.08.08	15.01.09	16.00		A1160
11	A1160	Concreting of SFT and its branches	10.09.06	09.09.07	01.04.09	31.01.10	29.00		A1165
12	A1165	Hydromechanical works	10.11.05	09.08.10	31.07.10	18.12.12	29.00		
<b>G</b>		<b>Head Race Tunnel</b>							
1	A1170	Excavation of Adits-1, RD 60	10.11.05	24.01.06	20.03.06	08.08.06	7.00		A1175, A1180
2	A1175	Excavation of HRT in U/S of Adit no1 .F-1	24.01.06	23.02.06	09.08.06	08.09.06	7.00		A1180
3	A1180	Excavation of HRT in D/S of Adit no1 .F-2	24.01.06	23.04.08	09.08.06	22.07.10	27.00		
4	A1185	Excavation of Adits-2, RD 4047	10.11.05	09.08.06	18.03.06	30.09.07	14.00		A1190
5	A1190	Excavation of HRT in U/S of Adit no2 .F-3	10.08.06	09.11.08	25.10.07	18.08.10	22.00		A1195
6	A1195	Excavation of HRT in D/S of Adit no2 .F-4	10.08.06	09.10.08	16.10.07	30.09.09	12.00		
7	A1200	Excavation of Adit-3 RD 7892	10.11.05	09.02.06	07.04.06	24.01.07	12.00	Not on critical path	A1205, A1210
8	A1205	Excavation of HRT in U/S of Adit-3, F-5	10.02.06	09.04.08	03.09.07	30.06.09	15.00		A1215, A1225
9	A1210	Excavation of HRT in D/S of Adit-3, F-6	10.02.06	24.03.06	31.03.07	09.01.08	22.00		A1230
10	A1215	Concreting between RD 0 to Adit1	10.04.08	09.05.08	01.09.10	01.10.10	29.00		A1220
11	A1220	Concreting at adit1(U/S & D/S)	10.05.08	24.07.10	23.09.10	15.09.12	26.00		
12	A1225	Concreting between adit3 to adit2(U/S)	10.05.08	24.06.10	01.01.10	15.09.12	27.00		
13	A1230	Concreting between adit3 to RD 7980	10.04.08	09.05.08	01.01.12	15.10.12	54.00		
<b>H</b>		<b>SURGE SHAFT</b>							
1	A1235	Excavation of adit to S/s bottom	10.12.05	09.02.06	19.06.06	23.04.07	15.00		A1240, A1265
2	A1240	Positioning of raise borer	10.01.06	09.02.06	30.04.07	05.10.07	20.00		A1245
3	A1245	Excavation & reaming of pilot hole	10.02.06	24.05.06	23.02.08	14.03.08	22.00	Not on critical path	A1250
4	A1250	Slashing to full dia	24.05.06	23.03.07	14.04.08	10.07.09	28.00		A1255

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S. No.	Activity 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			
5	A1255	Concreting + grouting	10.04.07	09.11.07	30.01.10	31.08.12	59.00		A1260
6	A1260	Hydromechanical works	10.11.05	09.08.10	07.06.12	20.05.13	34.00		A1438
I		<b>PRESSURE SHAFT</b>							
1	A1265	Excavation of adit to P/s top	10.02.07	24.04.07	26.09.06	30.04.07	0.00	Not on critical path	A1270
2	A1270	Excavation of adit to P/s bottom	10.02.07	24.05.07	06.11.07	05.12.07	7.00		A1275
I1		<b>Pressure Shaft-I</b>							
1	A1275	Excavation of horizontal portion	24.05.07	23.06.07	17.12.07	03.06.08	12.00	Not on critical path	A1280
2	A1280	Positioning of raise borer	24.06.07	23.07.07	04.04.08	13.06.08	11.00		A1285, A1290
3	A1285	Excavation & reaming of pilot hole	24.07.07	23.04.08	27.05.08	18.06.09	14.00		
4	A1290	Slashing to full dia	24.04.08	23.10.08	27.09.08	28.02.10	16.00		
5	A1295	Erection of steel liner & concreting	24.10.08	23.10.09	15.06.09	22.08.12	34.00		A1300
6	A1300	Grouting and cleaning	24.10.09	23.12.09	14.08.12	14.10.12	34.00		A1438
I2		<b>Pressure Shaft-II</b>							
1	A1305	Excavation of horizontal portion	24.06.07	23.07.07	31.01.08	03.06.08	11.00	Not on critical path	A1310
2	A1310	Positioning of raise borer	24.04.08	23.05.08	04.07.08	02.09.08	3.00		A1322
3	A1322	Excavation & reaming of pilot hole	24.05.08	23.02.09	08.12.08	02.09.09	6.00		A1325
4	A1325	Slashing to full dia	24.02.09	23.08.09	14.02.09	28.02.10	6.00		A1330
5	A1330	Erection of steel liner & concreting	24.08.09	23.08.10	15.06.09	08.08.12	24.00		A1335
6	A1335	Grouting and cleaning	24.08.10	23.10.10	01.07.12	31.08.12	23.00		A1438
J		<b>POWER HOUSE</b>							

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S. No.	Activity 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	A1340	Excavation of main Access tunnel	10.11.05	09.02.07	15.12.05	15.06.07	4.25	<p><b>ON CRITICAL PATH</b> Effect of activity delay on overall project execution =4.25 Months</p> <p>1. Delay of 1.25 months between CCEA approval &amp; actual start of work. 2. Delay of 1.50 months due to change in cross section of MAT. 3. Deay of 1.25 months due to excessive seepage from invert of MAT. 4. Delay of 0.25 months due to intermittent strike by labour unions, locals etc. in project area.</p>	A1345, A1380
2	A1345	Construction of Adit to P/H top & up to full length of power house	10.09.06	09.01.07	15.02.07	31.12.07	10.25	<p><b>ON CRITICAL PATH</b> Effect of activity delay on overall project execution= 6 Months</p> <p>1. Delay of 1.50 months due to excessive seepage from MAT invert &amp; deviation in location of starting point of adit of GIS cum Transformer Cavern. 2. Delay of 4.50 months due to ban on running of crusher &amp; use of sand and aggregates between by Hon'ble High Court of H.P &amp; thereafter remobilization of crushing activity.</p>	A1350
3	A1350	Widening up to width of power house	10.01.07	09.03.07	01.11.07	31.01.08	11.00	<p><b>ON CRITICAL PATH</b> Effect of activity delay on overall project execution=0.75 Months</p> <p>1. Delay of 0.75 months due to ban on running of crusher &amp; use of sand and aggregates by Hon'ble High Court of Himachal Pradesh.</p>	A1355
4	A1355	Excavation of pilot shaft for benching down of power house	10.03.07	24.04.07	01.02.08	25.04.08	12.25	<p><b>ON CRITICAL PATH</b> Effect of activity delay on overall project execution = 1.25 Months</p> <p>1. Delay of 0.5 months due to poor law &amp; order at project area. 2. Delay of 0.75 month due to additiional work of installation of rock anchors for fixing of suspended ceiling at the crown of Power House.</p>	A1360, A1370

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S. No.	Activity 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		
5	A1360	Benching down of power house through pilot shaft	24.04.07	23.08.08	26.04.08	16.10.09	14.00	<b>ON CRITICAL PATH-</b> Effect of activity delay on overall project execution = 1.75 Months 1. Delay of about 1.50 months due to additional work such as casting of additional beam over existing EOT crane beam & casting of corbels below existing crane beam. 2. Delay of about 0.25 months due to strike called by POL company & by all india transporters.	A1365, A1375, A1430, A1435, A1440, A1445
6	A1365	Concreting of column for EOT crane	10.05.08	09.11.08	03.02.09	31.12.11		Not on critical path	
7	A1370	Erection of EOT crane	10.08.08	09.10.08	14.03.09	30.04.09		Not on critical path	
8	A1375	Concreting of substructure & super structure	10.10.08	09.06.09	19.07.09	24.04.12	35.00	<b>ON CRITICAL PATH</b> Effect of activity delay on overall project execution = 21 Months 1. Delay of 13 months due to additional scope of work in Pot Head Yard area. 2. Delay of 5.0 months due to removal/termination of erection agency by M/s BHEL thereafter re-awarding & remobilization of new agency. 3. Delay of 02 months due to heavy rain followed by cloud burst at Salwad near Adit-II of HRT on 16/08/11. 4. Delay of 0.75 months due to strike by locals demanding permanent employment in NHPC between period 01/07/11 to 14/07/11 & thereafter remobilisation. 5. Delay of 0.25 month due to intermittent strike called by labour trade unions & locals at site.	A1395, A1430, A1435, A1440, A1445
9	A1380	Excavation of adit to transformer cavern	10.11.06	09.02.07	01.04.07	31.10.07	8.80	Not on critical path	A1385, A1390
10	A1385	Excavation of transformer cavern	10.02.07	09.10.07	19.10.07	31.10.09	25.10	Not on critical path	
11	A1390	Excavation of surge chamber	10.10.07	09.03.08	22.07.07	31.03.10	25.07	Not on critical path	
12	A1395	Hydromechanical works/Draft tube gates	10.11.05	09.11.10	07.02.12	24.01.13	26.90	Not on critical path	A1438

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S. No.	Activity 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		
<b>K</b>		<b>Tail Race Tunnel</b>							
1	A1400	Excavation of adit	10.11.05	09.06.06	03.01.06	11.10.06	4.13	Not on critical path	A1405
2	A1405	Excavation of TRT,U/s from TRT adit	10.06.06	09.06.08	11.11.06	31.01.10	20.03		A1410, A1415
3	A1410	Concreting of TRT U/s from TRT adit	10.06.08	09.05.09	06.02.09	12.06.12	37.67		
4	A1415	Excavation of TRT,D/s from TRT adit	10.06.06	09.11.07	11.11.06	15.02.12	51.97		A1420
5	A1420	Concreting of TRT D/s from TRT adit	10.11.07	09.04.08	15.05.10	15.11.12	56.03		A1425
6	A1425	Grouting & cleaning	10.05.09	09.07.09	11.07.12	31.12.12	42.37		A1438
<b>L</b>		<b>Water Filling</b>							
1	A1434	Reservoir Filling			07.11.12	25.03.14			A1438
2	A1438	Filling of water conductor system			16.10.13	21.10.13			A1450, A1455, A1460
<b>M</b>		<b>INSTALLATION OF E &amp; M EQUIPMENTS</b>	10.09.08	09.09.10					
1	A1430	Unit#1	10.09.08	09.06.10	30.08.09	31.10.12	29.00	ON CRITICAL PATH Delays already covered	A1450
2	A1435	Unit#2	10.10.08	09.07.10	22.09.09	30.03.13	33.00	ON CRITICAL PATH Delays already covered	A1455
3	A1440	Unit#3	10.11.08	09.08.10	22.11.09	30.09.13	38.25	ON CRITICAL PATH- Effect of activity delay on overall project execution = 3.25 Months 1. Delay of 2.0 months due to strike by locals from 01/04/13 to 15/05/13 demanding permanent employment in NHPC & thereafter remobilization after calling off strike. 2. Delay of 1.25 months due to falling of stator segment of unit#3 into river during transportation to project site.	A1460
4	A1445	Unit#4	10.12.08	09.09.10	06.01.10	25.03.14	42.50	ON CRITICAL PATH Effect of activity delay on overall project execution = 4.25 Months 1. Delay due to consequential effect of falling of stator segment of unit#3 into river, during trasportion to project site thereafter shifting of stator segment of unit#4 into unit#3.	A1465

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S. No.	Activity 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		
N		TESTING & COMMISSIONING	10.06.10	09.11.10					A1455
1	A1450	Unit#1	10.06.10	09.08.10	20.05.13	24.03.14	43.50	Not on critical path	A1460
2	A1455	Unit#2	10.07.10	09.09.10	31.10.13	24.03.14	42.50	Not on critical path	A1465
3	A1460	Unit#3	10.08.10	09.10.10	31.10.13	30.03.14	41.75	Not on critical path	
4	A1465	Unit#4	10.09.10	09.11.10	30.03.14	06.06.14	42.90	ON CRITICAL PATH Effect of activity delay on overall project execution = 0.40 Months 1. Delay of 0.4 months i.e. 12 days, due to fault in R Phase GSU Transformer of Unit#4 during voltage built up.	

**Note:**

\*As per DPR the start date of the project i.e. start of land acquisition was April 2004. The CCA clearance has been received on 09 Nov-2005, Therefore, CCEA clearance date has been considered as Zero date for time overrun analysis.

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 S.N. DHAWAN & CO. LLP  
Chartered Accountants  
FRN: 000050N / N500045

*S.K. Khattar*

S.K. Khattar  
Partner  
M.No. 084993  
17/11/2016



For NHPC Limited

*A.K. Pandey*

(A.K. Pandey)  
CE (Comm.)  
Commercial Division



## Financial Package upto COD

Name of the Petitioner  
Name of the Generating Station  
Project Cost as on COD<sup>1</sup>  
Date of Commercial Operation of the Station<sup>2</sup>

NHPC Limited  
Parbati-III Power Station  
253864.11 lacs

COD UNIT#1 & UNIT #2 24.03.2014  
UNIT#3 30.03.2014  
UNIT#4 06.06.2014

(Amount in lacs)

1	Financial Package as Approved		Financial Package as on COD		As Admitted on COD	
	2	3	4	5	6	7
FOREIGN LOAN				0		
LIC			INR	24662.79		
UCO BANK			INR	17500.00		
INDIAN OVERSEAS BANK			INR	20000.00		
PUNJAB & SIND BANK			INR	7000.00		
CORPORATION BANK			INR	5973.00		
CANARA BANK			INR	15000.00		
SYNDICATE BANK			INR	2227.00		
Q-SERIES BONDS			INR	9000.00		
R-SERIES BONDS			INR	24792.00		
State Bank of India			INR	10000.00		
State bank of Hyderabad			INR	11875.00		
1A Tax Free Bond			INR	1481.36		
1B Tax Free Bond			INR	3200.00		
*NORMATIVE LOAN / FRESH BORROWINGS			INR	24993.72		
<b>Total Loan</b>				<b>177704.87</b>		
<b>Equity</b>			INR			
Domestic			INR	76159.23		
<b>TOTAL EQUITY</b>				<b>76159.23</b>		
Debt : Equity Ratio	70:30		70.00	30.00		

\*Balancing figure has been considered as Fresh Loans/Bonds w.e.f. 06.06.2014 at weighted average cost of debts of Parbati-III (Annualized rate 10.05%) for a period of 12 years with 6 months moratorium period after commissioning.

<sup>1</sup> Say Rs. 80 Cr. + US \$ 200 m or Rs.1320 Cr. including US \$200 m at an exchange rate of US \$=Rs.62/-

<sup>3</sup> For example : US \$, 200M etc.etc

## (Rs in Crs)

Capital cost excluding IDC &FC	2002.37
IDC,FC& Hedging cost	596.18
ERV on contractual payments	0.00
Capital cost including IDC &FC	2598.55
Less: Liabilities to be discharged*	59.91
Net Capital Cost as on COD i.e. 06.06.2014	2538.64

\*Loan/IPO proceeds on 70:30 will be deployed for discharging the deferred liabilities of Rs 59.91 crore (Rs. 41.93 Cr as debt and Rs. 17.98 Cr as equity)after COD i.e. 06.06.2014.

For D S P & Associates  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
GM (Comm.)

## Details of Project Specific Loans

Name of the Company  
Name of the Power Station

NHPC Ltd.  
Parbati-III

(Amount in lacs)

Particulars	Package1	Package2
1	2	3
Source of Loan <sup>1</sup>	Indian Overseas Bank**	NORMATIVE LOAN / FRESH BORROWINGS*
Currency <sup>2</sup>	INR	INR
Amount of Loan sanctioned	20000	
Amount of Gross Loan drawn upto 31.03.2014/COD <sup>3,4,5,13,15</sup>	20000	
Interest Type <sup>6</sup>	Floating	Fixed
Fixed Interest Rate, if applicable	NA	
Base Rate, if Floating Interest <sup>7</sup>	MCLR with annual Reset 8.65%	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>	3 Years	
Moratorium effective from	16-01-12	
Repayment Period <sup>11</sup>	12 Years	
Repayment effective from	16-01-15	
Repayment Frequency <sup>12</sup>	QUARTERLY	
Repayment Instalment <sup>13,14</sup>	416.67	
Base Exchange Rate <sup>16</sup>	NA	
Are Foreign currency hedged?	NA	
If above is yes,specify details.17	NA	

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

<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 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 D S P & Associates  
Chartered Accountants

For NHPC Limited



(M G Gokhale)  
GM (Comm.)



**PART-II  
FORM- 8**

**Details of Allocation of corporate loans to various projects**

Name of the Company **NHPC Ltd.**  
Name of the Power Station **Parbati-III**

(Amount in lacs)

Particulars	Package 1	Package 2	Package 3	Package 4	Package 5	Package 6	Package 7	Package 8	Package 9	Package 9	Package 9	Package 10	Package 11	Package 12	Package 13	Package 14	Package 15	Package 16	Package 17	Package 18	Remarks
1	2	3	5	6	7	8	9	9	9	9	9	10	11	12	13	14	15	16	17	18	19
Source of Loan <sup>1</sup>	LIC	UCO BANK**	Q-SERIES BONDS	Punjab & Sind Bank**	Corporation Bank**	Canara Bank**	Syndicate Bank**	State Bank of India-1000 Cr.	State Bank of Hyderabad*	R-2 SERIES BONDS	1-A SERIES Tax Free BONDS	1-B SERIES Tax Free BONDS	S-1 SERIES BONDS	S-2 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	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR
Amount of Loan sanctioned	650000	100000	126600	20000	50000	20000	30000	100000	50000	38208	5081.36	6076.98	36500	66000	77500	147500	150000	75000			
Amount of Gross Loan drawn upto 31.03.2014/COD <sup>3,4,5,13,15</sup>	189600	100000	126600	20000	50000	20000	30000	100000	50000	38208	5081.36	6076.98	36500	66000	77500	147500	150000	75000			
Interest Type <sup>6</sup>	Fixed	Floating	Fixed	Floating	Floating	Floating	Floating	Floating	Floating	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable	N.A.	N.A.	9.25%	NA	NA	NA	NA	NA	NA	NA	NA	8.85%	8.18%	8.43%	8.49%	8.54%	6.84%	7.52%	6.91%	7.35%	
Base Rate, if Floating Interest <sup>7</sup>	Annualized yield of 13 year G-Sec rate+75 bps up to 31.03.2012, Weighted Average applicable rate of 9.118% w.e.f. 01.04.2012	BPLR with Annual Reset upto 30.12.12. Thereafter on Base Rate presently 9.70%	NA	Base Rate Present effective rate 9.75%	MCLR with annual Reset 8.75%	MCLR with annual Reset 8.45%	Base Rate Present effective rate 9.60%	MCLR with annual Reset 8.00%	Base Rate Present effective rate 9.70%	NA	NA	NA	NA	NA	NA	NA	NA	NA	N.A.	N.A.	
Margin, if Floating Interest <sup>8</sup>	75bps	NA	NA	Nil	Nil	Nil	Nil	0.25%	Nil	NA	NA	NA	NA	NA	NA	NA	NA	NA	N.A.	N.A.	
Are there any Caps/Floor <sup>9</sup>	Yes	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	N.A.	N.A.	
If above is yes, specify caps/floor	6.5%(Floor)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	N.A.	N.A.	
Moratorium Period <sup>10</sup>	7 Years 2&1/2 Months	3 YEARS	4 YEARS	3 Years	3 Years	3 Years	3 Years	3 Years & 3 Months	3 Years	3 YEARS	10 YEARS	10 YEARS	10 YEARS	1 YEARS	4 YEARS	1 Years	6 Years	1 YEARS	6 YEARS		
Moratorium effective from	17-02-05	31-12-09	12-03-12	16-01-12	05-01-12	13-01-12	30-01-12	28-03-13	28-03-13	11-02-13	02-11-13	02-11-13	26/11/2014	26/11/2014	24-01-17	06-06-17	15-09-17	15-09-17			
Repayment Period <sup>11</sup>	12 Years	12 Years	12 YEARS	12 Years	12 Years	12 Years	12 Years	12 Years	12 Years	12 YEARS	Bullet	Bullet	10 YEARS	12 YEARS	5 Years	10 Years	5 YEARS	5 YEARS			
Repayment effective from	30-04-12	31-12-12	12-03-16	17-01-15	05-01-15	16-01-15	02-02-15	27-06-16	28-03-16	11-02-16	02-11-23	02-11-23	26/11/2015	26/11/2018	24-01-18	06-06-23	15-09-18	15-09-23			
Repayment Frequency <sup>12</sup>	HALF YEARLY	HALF YEARLY	ANNUALLY	QUARTERLY	QUARTERLY	QUARTERLY	QUARTERLY	QUARTERLY	QUARTERLY	ANNUALLY	Bullet	Bullet	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	
Repayment Instalment <sup>13,14</sup>	7900.00	4166.67	10550.00	416.67	1041.67	47 Inst. of Rs.4.16 crores each and Last inst. of Rs.4.48 crores	625.00	2083.33	1041.67	3184.00	5081.36	6076.98	3650.00	5500.00	15500.00	29500.00	30000	15000			
Base Exchange Rate <sup>16</sup>	N.A.	N.A.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	N.A.	N.A.	
Are Foreign currency hedged?	N.A.	N.A.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	N.A.	N.A.	
If above is yes, specify details <sup>17</sup>	N.A.	N.A.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	N.A.	N.A.	
Name of the Projects	Distribution of loan packages to various projects																				
Total	189600.00	100000.00	126600.00	20000.00	50000.00	20000.00	30000.00	100000.00	50000.00	38208.00	5081.36	6076.98	36500.00	66000.00	77500.00	147500.00	150000.00	75000.00	1288066.34		
Name of the Projects																					Total
Sewa-II	13600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7227.50	0.00	20827.50
TLDP-III	16000.00	20000.00	4500.00	12000.00	0.00	0.00	0.00	17000.00	1925.00	0.00	0.00	0.00	0.00	0.00	13083.33	9166.67	19262.42	8888.42	121825.84		
Uri-II	23078.00	60000.00	6000.00	1000.00	13200.00	2000.00	0.00	15600.00	6125.00	0.00	3600.00	0.00	26329.00	0.00	31094.63	19251.87	9456.20	9837.77	226572.46		
Subansiri Lower	72841.00	0.00	86600.00	0.00	0.00	0.00	18580.00	8000.00	3025.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5000.25	225423.75	
Chamera-III	27850.00	0.00	6000.00	0.00	24300.00	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10235.70	11377.80	0.00	0.00	82763.50		
Parbati-III	31153.00	20000.00	9000.00	7000.00	5973.00	15000.00	2227.00	10000.00	11875.00	24792.00	1481.36	3200.00	8302.00	2888.00	21926.08	30466.42	9898.08	9372.53	224554.47		
Nimmo-Bazgo	5078.00	0.00	0.00	0.00	0.00	0.00	693.00	0.00	10000.00	0.00	0.00	0.00	644.00	0.00	259.87	288.75	4826.45	3857.57	25647.64		
Parbati-II	0.00	0.00	14000.00	0.00	0.00	0.00	8000.00	30400.00	9900.00	0.00	0.00	0.00	0.00	37745.00	0.00	45701.67	78508.44	26181.14	250436.24		
Chutak	0.00	0.00	500.00	0.00	88.00	0.00	0.00	358.00	0.00	0.00	0.00	0.00	1225.00	0.00	33.00	36.67	1784.63	1447.12	24724.12		
Kishanganga	0.00	0.00	0.00	0.00	6439.00	0.00	500.00	142.00	3575.00	0.00	0.00	0.00	0.00	0.00	5343.00	867.38	4626.00	1784.63	1447.12	24724.12	
Taesta-V	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1860.00	0.00	1860.00	
TLDP-IV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18500.00	3575.00	13416.00	0.00	2876.98	0.00	20024.00	0.00	0.00	9433.79	10243.67	78069.43		



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\* Loan from State Bank of Hyderabad has been replaced with Loan from SBI-460 crore on 13.01.2017.

\*\* Loan from UCO Bank, P&S Bank, Canara Bank, Corporation Bank and Syndicate Bank has been replaced with V and V2 -Series Bonds on 06.06.2017.

\*\*\* Loan from SBI-1000 crore and SBI-460 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 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.

<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 data & amount of each drawl/repayment and its allocation may also be given seperately

<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 seperately.

<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.

<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 seperately.

<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 D S P & Associates**  
**Chartered Accountants**

**For NHPC Limited**

  
**(M G Gokhale)**  
**GM (Comm.)**



LOAN DISBURSEMENT DETAILS & INTEREST RATE OF PARBATH-III

Name of the Company **NHPC Ltd.**  
Name of the Power Station **Parbati-III**

(Rs. in Lakh)

Sl. No	Name of the FV 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	Life Insurance Corporation of India Ltd.	24.08.2007	9353.00	9.11%	9.118%	01.04.2012																	
		02.01.2008	14000.00	8.88%	9.118%	01.04.2012																	
		18.03.2008	2500.00	8.78%	9.118%	01.04.2012																	
		30.06.2008	5300.00	9.78%	9.118%	01.04.2012																	
			<b>31153.00</b>																				
2	Uco Bank	24.09.2010	20000.00	8.60%	9.35%	31.12.2010	11.35%	31.12.2011	10.50%	31.12.2012	10.20%	11.02.2013	9.95%	01.05.2015	9.70%	05.10.2015							
			<b>20000.00</b>																				
3	Corporation Bank	06.01.2012	5973.00	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							
			<b>5973.00</b>																				
4	Indian Overseas Bank	16.01.2012	15000.00	10.75%	10.50%	01.05.2012	10.25%	18.02.2013	10.05%	18.05.2015	9.90%	20.07.2015	9.70%	15.10.2015	8.65%	01.04.2017							
		27.06.2012	5000.00	10.50%			10.25%	18.02.2013	10.05%	18.05.2015	9.90%	20.07.2015	9.70%	15.10.2015	8.65%	01.04.2017							
			<b>20000.00</b>																				
5	Canara Bank	16.01.2012	15000.00	10.75%	10.50%	01.05.2012	10.25%	04.02.2013	9.95%	08.07.2013	10.20%	01.01.2014	10.00%	11.05.2015	9.90%	03.09.2015	9.65%	07.10.201	8.45%	01.04.2017			
			<b>15000.00</b>																				
6	Punjab & Sind Bank	17.01.2012	7000.00	10.75%	10.50%	01.05.2012	10.25%	01.03.2013	10.00%	03.06.2015	9.75%	05.10.2015											
			<b>7000.00</b>																				
7	Syndicate Bank	02.02.2012	2227.00	10.75%	10.50%	01.05.2012	10.25%	13.02.2013	10.00%	08.06.2015	9.70%	01.10.2015	9.60%	11.07.2016									
			<b>2227.00</b>																				
8	State Bank of India	28.03.2013	10000.00	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%	05.10.201	9.15%	20.06.201	8.00%	20.06.2017	
			<b>10000.00</b>																				
9	State Bank of Hydrab	28.03.2013	10000.00	10.20%	10.05%	01.05.2015	9.95%	16.07.2015	9.75%	06.10.2015	9.70%	01.11.2016											
		27.08.2013	1375.00	10.20%	10.05%	01.05.2015	9.95%	16.07.2015	9.75%	06.10.2015	9.70%	01.11.2016											
		25.09.2013	500.00	10.20%	10.05%	01.05.2015	9.95%	16.07.2015	9.75%	06.10.2015	9.70%	01.11.2016											
			<b>11875.00</b>																				
10	Q-Series Bonds	12.03.2012	9000.00	9.25%																			
			<b>9000.00</b>																				
11	R-2Series Bonds	11.02.2013	24792.00	8.85%																			
			<b>24792.00</b>																				
12	1A Series Tax Free Bonds	02.11.2013	1481.36	8.18%																			
			<b>1481.36</b>																				
13	1B Series Tax Free Bonds	02.11.2013	3200.00	8.43%																			
			<b>3200.00</b>																				
14	S-1 Series Bonds	26.11.2014	8302.00	8.49%																			
			<b>8302.00</b>																				
15	S-2 Series Bonds	26.11.2014	2888.00	8.54%																			
			<b>2888.00</b>																				
16	V SERIES BONDS	24-01-17	21926.08	6.84%																			
			<b>21926.08</b>																				
17	V2 SERIES BONDS	06-06-17	30466.42	7.52%																			
			<b>30466.42</b>																				
18	W1 - SERIES BONDS	15-09-17	9898.08	6.91%																			
			<b>9898.08</b>																				
19	W2 - SERIES BONDS	15-09-17	9372.53	7.35%																			
			<b>9372.53</b>																				
<b>TOTAL (1 to 13)</b>			<b>244554.47</b>																				



Handwritten initials/signature in blue ink.

## Year wise Statement of Additional Capitalization after COD

Name of the Petitioner: NHPC Limited

Name of the Generating Station: Parbati-III Power Station

COD :06.06.2014

(Rs in lacs)

2016-17

Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)			Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis			
1	2	3	4	5=3-4	6	7	8	9
<b>A</b>	<b>Provision covered under Original scope of Work</b>							
<b>I</b>	<b>Land</b>							
1	Compensation for Land including enhanced compensation including Solatium, Interest & Legal Charges	410101	575.47		575.46	14(1)(iv)	Within Original Scope of work. Increase in Compensation of Land is due to compliance of the order or decree of court of law against enhancement in land compensations.	150.00
2	Measurement and demarcation of land	410101	-			14(1)(ii)	Within Original Scope of work. No demarcation of Land was done, Hence nil utilisation.	6.00
3	Compensation for Damage to House/ Buildings for Project Affected Families (PAFs)	410121	7.62		7.62	14(1)(iv)	Within Original Scope of work. Less utilisation due to only one demand/award received.	30.00
4	Rehabilitation, expenditure for land development and housing etc. for resettlement of oustee	410121	-		-	14(1)(v)	Within Original Scope of work. No such demand received, hence no utilisation.	50.00
5	Livelihood Assistance to PAFs	410101	612.39	612.39	-		No PAF Family came forward for receiving compensation. Hence nil utilisation in 2016-17.	
	<b>Sub-Total (I)</b>		<b>1,195.48</b>	<b>612.39</b>	<b>583.08</b>			<b>236.00</b>
<b>II</b>	<b>Environment &amp; Ecology</b>							
1	Reservoir rim treatment	410601	6.66		6.66	14(1)(ii)	Within Original Scope of work. The Pending works were completed in 2017-18 due to poor responses from bidders during tendering process.	20.00
2	Landscape and restoration plan & Compensatory Afforestation	410601	-			14(1)(ii)	Within Original Scope of work. The works are to be got done from Forest Deptt as deposit works. The works were completed in 2017-18 & 2018-19 due to slow progress of works by the Forest Department.	120.00



Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items	Head of A/C	Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
3	Muck disposal plan & Green Belt Development	410601	2.73		2.73		14(1)(ii)	Within Original Scope of work. The works are to be got done from Forest Deptt as deposit works. The works were completed in 2017-18 & 2018-19 due to slow progress of works by the Forest Department.	100.00
4	Payment towards Local Area Development Fund	410301,410601,410701	-				14(1)(ii)	Within Original Scope of work. No demand on this account received from State Govt.	450.00
5	2nd utilisation of dumping site (DS-6) (2) near TRT Adit( 1st utilisation:I-2013002677)	410301	4.46		4.46		14(1)(ii)	Within Original Scope of work. Due to slow progress of works by the Forest departments works completed in 2017-18 & 2018-19.	16.82
<b>Sub-Total (II)</b>			<b>13.85</b>	<b>0.00</b>	<b>13.85</b>				<b>706.82</b>
<b>III Building</b>									
1	Construction of 2Nos. Security/CISF check posts at CCVT and Surge Shaft Top for Parbati-III Power Station.	410301	11.69	2.38	9.31		14(1)(ii)	Within Original Scope of work. Increase occurred due to requirements as per actual site conditions.	5.00
2	CONSTRUCTION OF STORE SHED FOR GENERATING PLANT SPARES FOR PPH-III	410306	174.07	8.75	165.31		14(1)(ii)	Within Original Scope of work. Increase occurred due to requirements as per actual site conditions.	132.91
3	Construction of Township and electrical store rooms at Sapangini	410306	13.88	0.68	13.20		14(1)(ii)	Within Original Scope of work. Increase occurred due to requirements as per actual site conditions.	8.62
4	AIREF Engineers Pvt. Ltd. -Construction of Non Executive Field Hostel at Sapangini	410321			0.00		14(1)(ii)	Within Original Scope of work. The work was completed and capitalised in 2018-19. The work could not be completed initially due to change in party/contractor due to differences during contract execution and subsequently due to poor/no response from bidders in tendering process for balance works.	93.23
5	AIREF Engineering Pvt. Ltd.:Construction of A - Type quarters at Sapangini.	410325			0.00		14(1)(ii)	Within Original Scope of work. The work could not be completed initially due to change in party/contractor due to differences during contract execution and subsequently due to poor/no response from bidders in tendering process for balance works.. The work is	48.62



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Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items	Head of A/C	Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
6	AMIT KUMAR-C/o Internal Boundary wall and gate around D Special and D Type quarters at Sapangini Township.	410325	11.92	6.08	5.84		14(1)(ii)	Within Original Scope of work. The works could not be completed due to poor performance of contractors and hence completed in 2017-18.	8.29
7	SUBHASH C. KUMAR - Construction of One no. D spl. Type quarter two blocks, four quarters at Sapangini.	410325	211.49	18.39	193.10		14(1)(ii)	Within Original Scope of work. The works could not be completed due to poor performance of contractors and hence completed in 2017-18.	131.94
8	Amit Kumar:Construction of balance work of one no D-Spl.Quarter,two block(Four qtrs) of D-Type quarter and External boundary wall including security cabin and main gate for sapangni township	410325			0.00		14(1)(ii)	Within Original Scope of work. The works could not be completed due to poor performance of contractors and hence completed and capitalised in 2017-18.	74.63
9	Construction of store shed at dam	410601	4.47		4.47		14(1)(ii)	Within Original Scope of work.	4.63
10	Construction of First floor on Dam Control room	410601			0.00		14(1)(ii)	Within Original Scope of work.The work could not be completed in Tariff Peiod 2014-19 due to very slow execution of work by the contractor. The work is likely to be completed in FY 2019-20 and has been kept in Tariff petition for	20.50
11	Construction of Security post and toilets at Dam	410601			0.00		14(1)(ii)	Within Original Scope of work.The works could not be completed due to poor performance of contractors and hence completed in 2017-18.	8.50
12	Balance works of D type and D-Spl external boundary wall, security cabin and main gate	410325			0.00		14(1)(ii)	Within Original Scope of work. The works could not be completed due to poor performance of contractors and hence completed in 2017-18.	50.00
13	Balance Construction of A-type quarters	410325			0.00		14(1)(ii)	Within Original Scope of work.The work could not be completed initially due to change in party/contractor due to differences during contract execution and subsequently due to poor/no response from bidders in tendering process for balance works.. The work is likely to be completed/capitalised in 2019-20.	266.00
14	Landscapping work and boundry wall in area adjacent to Old Behali,	410328			0.00		14(1)(ii)	Within Original Scope of work. Work is likely to be completed in 2019-20, due to poor response of bidders.	40.00

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Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)			Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis			
15	Development of green belt, landscaping and beautification work at Sapangini township	410325			0.00		14(1)(ii) Within Original Scope of work.	12.00
16	Construction of internal road in residential colony	410201			0.00		14(1)(ii) Within Original Scope of work. The work is included at sr. no. 1 under "Roads, Bridges and Other Works".	22.00
17	Water proofing / Roof treatment for buildings at Spangini/ Behali	410325			0.00		14(1)(ii) Within Original Scope of work. Work executed but accounted as repair & maintenance.	19.53
18	Construction of Sewage treatment plant including sewer line connecting all existing septic tanks.	411202			0.00		14(1)(ii) Within Original Scope of work. The work was completed in 2018-19 due to poor/slow performance of contractor.	77.00



Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items	Head of A/C	Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
19	Construction of Incinerator at Sapangini	411202			0.00		14(1)(ii)	Within Original Scope of work. The works could not be completed due to poor performance of contractors and is completed in 2019-20. Hence proposed to be kept in Tariff Petition 2019-24.	15.00
20	Hiring of consultancy services & performing accoustic treatment sound proofing at Auditorium in Admin Building Behali.	410304			0.00		14(1)(ii)	Within Original Scope of work. All works except installation of sitting arrangement have been completed in 2018-19. Installation of sitting arrangement is likely to be completed in FY 2019-20.	80.00
21	Construction of CISF Barraks, Office, Arms room etc.	410304			0.00		14(1)(ii)	Within Original Scope of work. The works could not be completed due to poor performance of contractors and still is in progress.	110.00
22	Construction of CISF Mess , Dinning hall and Recreation Hall, CISF Quarter guard room, Watch Towers & SO Hostel	410328			0.00		14(1)(ii)	Within Original Scope of work. The works could not be completed due to poor performance of contractors and still is in progress.	40.00
23	Internal road and Boundary wall for CISF premisses at Salah	410328			0.00		14(1)(ii)	Within Original Scope of work. The works could not be completed due to poor performance of contractors and still is in progress.	45.00
24	Construction of store Shed for HM	410328			0.00		14(1)(ii)	Within Original Scope of work.	4.23
25	Balance work of Non executive field hostel.	410321			0.00		14(1)(ii)	Within Original Scope of work. The work could not be completed in 2016-17 due to poor reponse rom bidders as well as poor performance of contractors. The work was completed and capitalised in 2018-19.	135.00
26	Consrtruction of room for ATM Counter.	410328			0.00		14(1)(ii)	Within Original Scope of work. Work completed in 2017-18.	1.30
27	Construction of Store shed for E&M Spares - ( C/o Boundary wall & inner roads for store)	410306	93.76	22.33	71.43		14(1)(ii)	Within Original Scope of work. As per actual site conditions.	175.00
28	Construction of stores for Civil and Electrical wing at Sapangini.	410306			0.00		14(1)(ii)	Within Original Scope of work.	4.00



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Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
29	Construction of security check posts including electrification at MAT portal	410301	10.20	0.46	9.74		14(1)(ii)	Within Original Scope of work. Reduction due to actual site conditions.	20.00
30	Construction of 33/11 kv substation for regional power supply to Power House	410303			0.00		14(1)(ii)	Within Original Scope of work. The work could not be capitalised in tariff petition period 2014-19 due to not handing over of sub station to Parbati-III Power Station by the HPSEB. The work shall be capitalised in 2019-20.	46.11
31	Hill side protection work for 33/11 KV Sub Station and adjacent stores at Old Behali.	410303			0.00		14(1)(ii)	Within Original Scope of work. The work could not be completed in 2016-17 due to poor response from bidders as well as poor performance of contractors. The work was completed and capitalised in 2018-19.	46.50
32	Balance work of Officers club	410324	5.56		5.56		14(1)(ii)	Within Original Scope of work.	9.90
33	Providing fencing with MS pipe railing along footpath near Executive field hostel at Sapangini township	410325	9.15	8.71	0.43		14(1)(ii)	Within Original Scope of work.	12.00
34	Development of herbal Park	410328			0.00		14(1)(ii)	Within Original Scope of work.	1.00
35	Channelization of water fall near residential township at Sapangini	410328			0.00		14(1)(ii)	Within Original Scope of work. Work completed in 2017-18.	5.20
36	Construction of Canteen Building at Power House	410301			0.00		14(1)(ii)	Within Original Scope of work. Work completed in 2017-18.	20.00
	<b>Sub-Total (III)</b>		<b>546.20</b>	<b>67.80</b>	<b>478.39</b>				<b>1793.64</b>
<b>IV</b>	<b>Plants &amp; Equipments</b>								
1	Purchasing of submersible pump for dam	411112	9.39		9.39		14(1)(ii)	Within Original Scope of work.	2.90
2	Purchase of Wheel Dozer	411105			0.00		14(1)(ii)	Within Original Scope of work. Work dropped as the same was not included in the approved list of equipments to be kept at Power station.	200.00
3	Purchase of Fire Tender (2 Nos.)	411505	65.32		65.32		14(1)(ii)	Within Original Scope of work.	65.00



Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
4	Purchase of Truck 25 MT capacity	411508	-				14(1)(ii)	Within Original Scope of work. Work dropped as the same was not included in the approved list of equipments to be kept in power station.	25.00
5	Purchase of Ambulance	411506	-				14(1)(ii)	Within Original Scope of work. Purchase completed in 2017-18.	20.00
6	Purchase of scissor platform mounted truck	411508	10.15	0.94	9.21		14(1)(ii)	Within Original Scope of work.	15.00
	<b>Sub-Total (IV)</b>		<b>84.86</b>	<b>0.94</b>	<b>83.92</b>				<b>327.90</b>
<b>V</b>	<b>Roads, Bridges and Other Works</b>								
1	Construction of Internal Road, Drain and Edge wall in Sapangini Township	410201	74.24	7.27	66.97		14(1)(ii)	Within Original Scope of work.	62.17
2	Providing wire crates on left bank below the alternate road at upstream of dam site.	410201	11.80	0.84	10.97		14(1)(ii)	Within Original Scope of work.	11.80
3	Protection work of Surge shaft road	410201	107.99	38.93	69.06		14(1)(ii)	Within Original Scope of work. Increase in expenditure as per actual site conditions	70.86
4	Protection of existing Sainj By-pass road by way of Providing Wire crate at R.D-160 to 180 m for PPS-III	410201	5.39		5.39		14(1)(ii)	Within Original Scope of work.	2.12
5	Providing wire crates for the protection of existing sainj By pass road at RD-195 TO 220 at Parbati -111 PS.	410201	8.02		8.02		14(1)(ii)	Within Original Scope of work.	3.19
6	WEARING COURSE, PREMIX CARPETING AND CEMENT CONCRTE PAVMENT OF SAINJ-BYE PASS ROAD FOR PARBATI-III PS	410201	194.26	15.29	178.98		14(1)(ii)	Within Original Scope of work. The works at sr no. 6 & 14 are same. Hence admitted cost be considered after including admitted cost at sr. no.14.	16.37
7	Improvement/ Widening of Existing Approach Road to Pothead Yard and HVAC Room near Power House.	410301	31.21	1.53	29.69		14(1)(ii)	Within Original Scope of work. The works at sr no. 7 & 11 are same. Hence admitted cost be considered after including admitted cost at sr. no.11.	5.50
8	PROTECTION & CARPETING WORK OF ROAD FROM BEHALI CONCRETE BRIDGE TO POWER HOUSE .	410301			0.00		14(1)(ii)	Within Original Scope of work.	1.00
9	Improvement of Link Roads for Various Adits Outlets at Dam Area	410601			0.00		14(1)(ii)	Within Original Scope of work. The works at sr no. 9 & 10 are same. Hence admitted cost be considered after including admitted cost at sr. no.10.	2.52



Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
10	Improvement of link roads for various adit outlets at Dam area	410601	17.20		17.20		14(1)(ii)	Within Original Scope of work. See at Sr. No. 9 above.	14.00
11	Widening & Improvement of Existing Approach Road of MAT Portal of Power House	410301	1.23		1.23		14(1)(ii)	Within Original Scope of work. See at Sr. No. 7 above.	15.00
12	Up-gradation, Improvement and widening of Larji -Suind Road (Power house portion)	410301	140.66		140.66		14(1)(ii)	Within Original Scope of work.	166.00
13	Up-gradation, Improvement and widening of Larji -Suind Road (Dam Portion)	410601	140.66		140.66		14(1)(ii)	Within Original Scope of work.	166.00
14	Tarring of Sainj bye pass road	410201	-		0.00		14(1)(ii)	Within Original Scope of work. See at Sr. No. 6 above.	199.41
15	Misc. protection (breast wall. RCC drain etc.) work for bye pass road at Sainj	410201	34.84	1.90	32.94		14(1)(ii)	Within Original Scope of work. The actual utilisation be read with actual utilisation at sr. no. 20 under Civil	97.82
16	Protection work & construction of approach road leading to HRT & Surge Shaft	410201	-		0.00		14(1)(ii)	Within Original Scope of work. Completed in 2017-18 & 2018-19.	65.00
17	Tarring of Surge Shaft road	410201	243.42	11.04	232.37		14(1)(ii)	Within Original Scope of work.	245.00
18	Protection work, construction & tarring of road from Admin Building Behali to Power house.	410301	152.24	7.30	144.93		14(1)(ii)	Within Original Scope of work.	140.00

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Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
19	Protection work, construction & tarring of road from Power house to Larji on left bank.	410301	170.22	8.90	161.32		14(1)(ii)	Within Original Scope of work.	225.00
20	Protection work, road works and other landscaping works at Pothead yard area.	410301	0.76		0.76		14(1)(ii)	Within Original Scope of work. See at Sr. No. 7 above.	40.00
	<b>Sub-Total (V)</b>		<b>1334.14</b>	<b>92.99</b>	<b>1241.15</b>				<b>1548.76</b>
<b>VI</b>	<b>Miscellaneous</b>								
1	Amount Deposited against Construction of 33/11KVA Sub- Station for providing Regional Power Supply at Power House (Civil works)	410303	0		0.00		14(1)(ii)	Within Original Scope of work. The work could not be capitalised in tariff petition period 2014-19 due to not handing over of sub station to Parbati-III Power Station by the HPSEB. The work shall be capitalised in 2019-20.	374.64
2	Hill Side protection work at Behali to protect 33KVA Substation and existing store	410303	0		0.00		14(1)(ii)	Within Original Scope of work. The work/liability was completed/released in 2018-19.	6.96
3	Construction of Chain link fencing work with barbed wire	410303	0		0.00		14(1)(ii)	Within Original Scope of work. The work/liability was completed/released in 2018-19.	4.17
4	Installation of Survey Pillars at Dam Area for PPS -III .	410601	2.26	0.11	2.15		14(1)(ii)	Within Original Scope of work.	2.19
5	Manufacturing, supplying and fixing of retroreflective overhead informatory road signage boards at Aut Tunnel, Power House, admin Building, township complex, Dam site & larji bridge	410328/ 412503	19.11	1.83	17.28		14(1)(ii)	Within Original Scope of work.	18.00
6	11KV Transmission line from 33/11 kv sub station to power house, Admin Building, Sapangini township & surge shaft	410903	22.69	1.10	21.59		14(1)(ii)	Within Original Scope of work. The work/liability was completed/released in 2018-19.	109.00
7	Water supply line for colony and lawn and sprinklers for lawns at Sapangini	411201	-		0.00		14(1)(ii)	Within Original Scope of work. The work/liability was completed/released in 2017-18.	10.00
8	Providing sewage disposal and storm water drains at various colony sites & Sewerage Lines	411202	-		0.00		14(1)(ii)	Within Original Scope of work. The work/liability was completed/released in 2018-19.	16.20
9	Fixed assets of minor value such as hooters, fire extinguishers & security gadgets	412801	3.79	0.13	3.66		14(1)(ii)	Within Original Scope of work. The work/liability was completed/released in 2017-18.	10.00



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SI. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
10	Wireless set and repeater base station	411903	-		0.00		14(1)(ii)	Within Original Scope of work.The work/liability was completed/released in 2018-19.	35.00
11	Library furniture etc.	411701	-		0.00		14(1)(ii)	Within Original Scope of work.The work/liability was completed/released in 2017-18.	2.00
12	Foundation stone laying ceremony inauguration and visit of dignitaries and entertainment	410328	-		0.00		14(1)(ii)	Within Original Scope of work. As the inauguration of power plant was done after COD,the expenditure thereon was accounted for as revenue expenditure.	15.00
13	Purchase of equipment for quality control/field laboratories	412502	7.00	0.67	6.33		14(1)(ii)	Within Original Scope of work.The work/liability was completed/released in 2017-18.	19.02
14	Photographic and cinematographic equipments	412503			0.00		14(1)(ii)	Within Original Scope of work.	5.00
15	Purchase of Computers	411801	9.18	0.85	8.33		14(1)(ii)	Within Original Scope of work.The work/liability was completed/released in 2017-18 & 2018-19	12.50
16	Purchase of Printers	411803	3.27	0.31	2.96		14(1)(ii)	Within Original Scope of work.The work/liability was completed/released in 2017-18 & 2018-19	5.00
17	Purchase of other EDP equipments	411804	0.11		0.11		14(1)(ii)	Within Original Scope of work.The work/liability was completed/released in 2017-18 & 2018-19	1.00
18	Purchase of networking Device & server	411806	0.06		0.06		14(1)(ii)	Within Original Scope of work.The work/liability was completed/released in 2017-18 & 2018-19	19.00
19	Furniture / Furnishing of Office Building	411701	-		0.00		14(1)(ii)	Within Original Scope of work.The work/liability was completed/released in 2017-18 & 2018-19	10.00
20	Furnishing and equipping of rest houses and field hostels, G/houses of officers and staff.	411707	-		0.00		14(1)(ii)	Within Original Scope of work.The work/liability was completed/released in 2017-18 & 2018-19	49.82
21	Furnishing of officers club	411705	-		0.00		14(1)(ii)	Within Original Scope of work.The work/liability was completed/released in 2017-18 & 2018-19	20.00
22	Furnishing of Canteen of Power House	411703	-		0.00		14(1)(ii)	Within Original Scope of work.The work/liability was completed/released in 2017-18 & 2018-19	10.00



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Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items	Head of A/C	Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
23	Furnishing of gym at officers club	412006	3.31		3.31		14(1)(ii)	Within Original Scope of work. The work/liability was completed/released in 2017-18	30.00
24	Purchase of boat for reservoir	411603	-		0.00		14(1)(ii)	Within Original Scope of work. Boat purchased, but diverted to TLDP-III Power station.	12.00
25	Purchase of echo sounder for reservoir	411601	-		0.00		14(1)(ii)	Within Original Scope of work. The work/liability was completed/released in 2017-18	2.00
26	Purchase of photo copy machines	412003	-		0.00		14(1)(ii)	Within Original Scope of work. The work/liability was completed/released in 2017-18	2.50
27	Working model of Parbati-III Power Station	412503	-		0.00		14(1)(ii)	Within Original Scope of work. Dropped. Old Model is still under use.	30.00
28	Purchase of Softwares (Microsoft License and Symantiv Antivirus by C.O)	412201	6.45		6.45		14(1)(ii)	Within Original Scope of work.	
29	Purchase of TV	412501	3.46		3.46		14(1)(ii)	Within Original Scope of work.	
30	Purchase of Geyser, Spike barrier, Binocular, Acceerograph etc	412503	5.89		5.89		14(1)(ii)	Within Original Scope of work.	
31	Purchase of Air conditioners	412008	3.77		3.77		14(1)(ii)	Within Original Scope of work.	
32	Polycarbonate sheet Panneling at GIS floor At EL 984.00 to 988.50 inside Power House for PPS-II	410301	6.12	0.49	5.63		14(1)(ii)	Within Original Scope of work.	
<b>Sub-Total (VI)</b>			<b>96.47</b>	<b>5.48</b>	<b>90.98</b>				<b>831.00</b>



Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
<b>VII</b>	<b>Civil Works</b>								
1	Cut & cover work of pothyard near Power House	410301	0		0.00		14(1)(ii) Within Original Scope of work. The work/liability was completed/released in 2017-18.	39.96	
2	Hiring of Architect for Power house , MAT and MAT Portal	410301	0		0.00		14(1)(ii) Within Original Scope of work. The work/liability was completed/released in 2017-18	2.92	
3	Providing & fixing of balance flooring & wall tiling work under Architectural works of Power House & Control building of Parbati-III Power Station.	410301	69.62	0.20	69.42		14(1)(ii) Within Original Scope of work.	30.73	
4	Painting of Control building, Power house and Transformer Cavern.	410301	54.90	1.65	53.25		14(1)(ii) Within Original Scope of work. Increase as per actual site requirements.	15.00	
5	Diamond core drilling with hilti DD-350 Machine in Power House of Parbati-III Power Station	410301	4.05		4.05		14(1)(ii) Within Original Scope of work.	4.05	
6	Side drain from GOC SFT at Dam (risk cost L&T)	410604	10.50		10.50		14(1)(ii) Within Original Scope of work.	9.42	
7	Invert concrete in MAT & Power House to Transformer Cavern Adit	410301	32.08	8.70	23.38		14(1)(ii) Within Original Scope of work.	40.00	
8	Water supply & sewerage work in power house etc.	410301	11.04	2.40	8.64		14(1)(ii) Within Original Scope of work. The work/liability was completed/released in 2017-18	60.00	
9	Drilling of Pressure relief holes in drainage gallery upstream of Transformer Cavern & others	410301					14(1)(ii) Within Original Scope of work.	12.00	
10	Fixing of permanent fencing in MAT, Pothead yard area & Surge Shaft	410301					14(1)(ii) Within Original Scope of work. The work/liability was completed/released in 2017-18	50.00	
11	Providing & Fixing of alluminium doors, windows, ventilators and SS railing in Power House	410301	2.31	0.25	2.06		14(1)(ii) Within Original Scope of work. The work/liability was completed/released in 2017-18	10.00	
12	Painting works in Power House	410301	-		0.00		14(1)(ii) Within Original Scope of work. See utilisation at sr no 4 above.	30.00	
13	Flooring work in Power House	410301	-		0.00		14(1)(ii) Within Original Scope of work. See utilisation at sr no 3 above.	80.00	



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Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items	Head of A/C	Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
14	Balance works at Surge Shaft	410604	5.84	3.85	1.98		14(1)(ii)	Within Original Scope of work.	8.00
15	Balance payments of Construction of office building over DG Room at Pot Head Yard	410301	0.85		0.85		14(1)(ii)	Within Original Scope of work.- Capitalized provisionally in FY 2015-16. See sr. no. 14 under Building Works.	
16	Reimbursement of service tax for work of Providing & Fixing of MS Hatch covers at opening of various floors in Power House	410301	0.15		0.15		14(1)(ii)	Within Original Scope of work.- Capitalized provisionally in FY 2014-15. See sr. no. 12 under Civil Works.	
17	Payments of LOT-II- Power House (FC PYT)	410301	36.45	5.37	31.08		14(1)(ii)	Within Original Scope of work.	
18	Escalation Final Bill of Jager Gammon	410301	28.27		28.27		14(1)(ii)	Within Original Scope of work.	
19	Payments of LOT-I (Bonus Payment & Cess Reimbursement)	410601	9.74		9.74		14(1)(ii)	Within Original Scope of work.	
20	P/F of Tetra pods for strengthening & restrotation of Left bank slope RD 225-265M DOWNSTREAM OF DAM	410201	53.54	0.59	52.95		14(1)(ii)	Within Original Scope of work.	
	<b>Sub-Total (VII)</b>		<b>319.34</b>	<b>23.01</b>	<b>296.33</b>				<b>392.08</b>
<b>VIII</b>	<b>HM Works</b>								
1	Supply &Erection of TRCM	410608			0.00		14(1)(ii)	Within Original Scope of work.The work was completed in 2017-18 due to late/slow progress of work by the contractor.	479.72
2	Certification Fee for TRCM	410608			0.00		14(1)(ii)	Within Original Scope of work.The work was completed in 2017-18 due to late/slow progress of work by the contractor.	0.03
3	Balance Supply, Erection, Transportation, Escalation, Entry Tax, CST/VAT at Spillway Radial Gate, Stop log Gates. Aquatic Life Discharge Pipes, Atomization of Dam control room and DG SET and their spare Parts	410608			0.00		14(1)(ii)	Within Original Scope of work. The	76.42
4	Balance Supply, Erection, Transportation, Escalation, Entry Tax, CST/VAT of Intake and Bulkhead Gates and their Spare Parts	410608			0.00		14(1)(ii)		29.15
5	Balance Supply, Erection, Transportation, Escalation, Entry Tax, CST/VAT of Desilting Chamber and their spare parts	410610			0.00		14(1)(ii)		9.52



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Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
6	Balance Supply. Erection, Transportation, Escalation. Entry Tax, CST/VAT of TRCM, Trash Rack Panels. Silt flushing Service And Emergency Gates.	410608			0.00		14(1)(ii)	balance payments were released in 2017-18 & 2018-19 due to slow completion of balance works by the Contractor. Other Balance payments against pending balance works shall be kept in Tariff Petition 2019-24.	44.42
7	Balance Supply, Erection, Transportation, Escalation, Entry Tax, CST/VAT of HRT & TRT Adit Gates and their spare Parts	410604			0.00		14(1)(ii)		2.64
8	Balance Supply. Erection, Transportation, Escalation, Entry Tax. CST/VAT of Surge Shaft Gates and their spare Parts	410604			0.00		14(1)(ii)		4.20
9	Balance Supply. Erection, Transportation, Escalation, Entry Tax. CST/VAT of Pressure Shafts.	410605			0.00		14(1)(ii)		16.48
10	Balance Supply. Erection, Transportation, Escalation. Entry Tax. CST/VAT of Tail race including Draft Tube Gates and their Spare Parts	410611			0.00		14(1)(ii)		15.20
	<b>Sub-Total (VIII)</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>				<b>677.78</b>
<b>IX</b>	<b>E &amp; M Works</b>								
<b>(a)</b>	<b>Balance Work</b>								
1	53 MVA, Single Phase GSU Transformers	410702	45.52		45.52		14(1)(ii)	Within Original Scope of work.	51.90
2	Cooling Water System	410704	12.96		12.96		14(1)(ii)	Within Original Scope of work.	13.73
3	415V Switchgear and Auxillary Transformer	410703	6.39		6.39		14(1)(ii)	Within Original Scope of work.	7.64
4	Balance works of LOT-4 : Electro Mechanical - Power House (410701)	410701	333.67	308.30	25.38		14(1)(ii)	Within Original Scope of work. Some balance Works payments released in 2017-18. Balance payments, for the pending works, supplies & spares and Claims are still in progress and shall be released in Tariff Petition Period 2019-24. Hence Less Utilisation.	1177.51
5	Balance works of LOT-4 : Electro Mechanical - Power House (410705)	410705	30.05		30.05		14(1)(ii)	Within Original Scope of work.	35.24
6	DC System	410707	0.94		0.94		14(1)(ii)	Within Original Scope of work.	1.60



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SI. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)			Regulation under which claimed	Justification	Admitted Cost by the Commission, if any	
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis				IDC included in col.3
7	Balance works of LOT-4 : Electro Mechanical - Power House (410708)	410708	15.48		15.48		14(1)(ii)	Within Original Scope of work.	20.57
8	Balance works of LOT-4 : Electro Mechanical - Power House (410709)	410709	84.91		84.91		14(1)(ii)	Within Original Scope of work.	86.32
9	Balance works of LOT-4 : Electro Mechanical - Power House (410711)	410711	30.17		30.17		14(1)(ii)	Within Original Scope of work.	161.93
10	Balance works of LOT-4 : Electro Mechanical - Power House (410712)	410712	58.41		58.41		14(1)(ii)	Within Original Scope of work.	59.83
11	Balance works of LOT-4 : Electro Mechanical - Power House (410713)	410713	120.43		120.43		14(1)(ii)	Within Original Scope of work.	157.79
	<b>Sub-Total (IX-a)</b>		<b>738.94</b>	<b>308.30</b>	<b>430.64</b>				<b>1774.05</b>
<b>(b)</b>	<b>Initial Spare</b>								
1	Turbine Guide bearing Pads	410714	-		0.00		14(1)(iii)	Within original scope of work. The spares could not be purchased in 2016-17 due to poor/no response from bidders which led to delay in completion of tendering process and award of works.. The purchases were completed in 2017-18 & 2018-19.	40.00
2	Transducer Assembly complete of all type used in system	410714	-		0.00		14(1)(iii)		55.00
3	MIV Service Seal and maintenance seal including fasteners & retainers	410714	-		0.00		14(1)(iii)		250.00
4	Bearing segments for lower guide bearing	410714	-		0.00		14(1)(iii)		20.00
5	GSU Transformer 53 MVA single phase	410702	-		0.00		14(1)(iii)		570.00
6	Drainage & dewatering submersible pumps motor set each type	410712	-		0.00		14(1)(iii)		50.00
7	Drainage Submersible pump motor set for sump-3 (TC), sump-6(near pressure shaft bottom), sump-7(MAT) pumps motor set each type	410712	-		0.00		14(1)(iii)		45.00
8	Governing System- ESV, Solenoids, EHT MSV, Governor cards	410714	-		0.00		14(1)(iii)		50.00
9	11 kV Circuit breakers	410705	-		0.00		14(1)(iii)		20.00
10	Pump motor set for MIV PP set	410714	-		0.00		14(1)(iii)		20.00
11	Pump motor set for Gov. PP set	410714	-		0.00		14(1)(iii)		15.00
12	Numeric relay for GRP, GT, Bus-bar & Line	410714	-		0.00		14(1)(iii)		70.00
13	Spare card for excitation system	410714	-		0.00		14(1)(iii)		100.00
14	Submersible & Centrifugal pumps with accessories (2HP, 5 HP, 10 HP, 15 HP)	411112	-		0.00		14(1)(iii)		15.00
15	Motors for hoists.	410714	-		0.00		14(1)(iii)		7.00
16	Gearbox for hoists.	410714	-		0.00		14(1)(iii)		17.00
17	Hydraulic pump for radial gates.	410714	-		0.00		14(1)(iii)		6.00
18	Rubber seals	410714	-		0.00		14(1)(iii)		8.00



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Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
19	Electrical spares for control panels (Relays, contactor, power supply units, water level indicators etc.)	410714	-		0.00		14(1)(iii)	11.00	
20	Wire rope for hoist, Gantry cranes and EOT cranes.	410714	-		0.00		14(1)(iii)	15.00	
21	Brake assembly	410714	-		0.00			5.00	
	<b>Sub-Total (IX-b)</b>		-	-	-			<b>1,389.00</b>	
	<b>Total :- IX (a+b)</b>		<b>738.94</b>	<b>308.30</b>	<b>430.64</b>			<b>3,163.05</b>	
	<b>Total (A)</b>		<b>4,329.28</b>	<b>1,110.91</b>	<b>3,218.36</b>			<b>9,677.02</b>	
								<b>7,479.92</b>	

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Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
<b>B</b>	<b>Capital Expenditure to be incurred on account of Additional works / Service necessary for efficient and successful operation of plant</b>								
1	Concrete work of Diversion Tunnel 2	410601	0.00		0.00		14(3)(viii)	This tunnel was used as Diversion tunnel during construction period. The tunnel is to be used as spillway tunnel during O & M stage. Hence additional concreting was taken up for this purpose and smooth operation.	109.50
2	Providing & fixing walkway platform & railings around Stoplog storage grooves, railing around Diversion cum Spillway Tunnels, ladders for DT gates & platform connecting the two bays of DT for Parbati-III Power Statio	410601	12.08	0.34	11.74		14(3)(viii)	The Walkway platform & railings around HM structures was essentially required to have access to these structures and safety of the manpower working on equipment.	11.74
3	Second stage concreting for Trash Rack Cleaning Machine (TRCM)	410601			0.00		14(3)(viii)	This work is required for installation of TRCM. The TRCM is required for efficient operation of the Power Plant.	3.00
4	Concrete cladding in Main Access Tunnel (MAT) of Power house	410301			0.00		14(3)(viii)	Shotcreting work has been done in MAT. After operation of Power House, fall of loose rock has been observed in MAT. Hence to ensure safe movement of manpower and equipment this work is essentially required. The work is completed in 2017-18 due to delay in tendering because of poor response from bidders.	90.00
5	Purchase of CCTV	410301	8.05		8.05		14(3)(iii)	Security & Surveillance of Admin block at Behali	3.00



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Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)			Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis			
6	Balance Payments of Protection of left bank & removal of boulder in front of TRT Outfall	410607	0.93	0.00	0.93	14(3)(viii)	The protection work was carried out at TRT outfall for safety of the outfall structure. A boulder existed right in front of the outfall which might have hindered the outflow of water from outfall during running of power plant, the work was executed to smooth water outflow from TRT.	
	<b>Sub-Total (B)</b>		<b>21.05</b>	<b>0.34</b>	<b>20.71</b>			<b>217.24</b>
	<b>Total ( A+B) for FY2016-17</b>		<b>4,350.33</b>	<b>1,111.25</b>	<b>3,239.07</b>			<b>7,697.16</b>

- 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).
- The above information needs to be furnished separately for each year / period of tariff period 2014-19.
- 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.
- 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.
- 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:**

- Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries.
- 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 D S P & Associates  
Chartered Accountants**

**For NHPC Limited**

  
**(M G Gokhale)  
GM (Comml.)**



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Year wise Statement of Additional Capitalization after COD

Name of the Petitioner: NHPC Limited

Name of the Generating Station: Parbati-III Power Station

COD :06.06.2014

2017-18

(Rs in lacs)

Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2	3	4	5=3-4	6	7	8	9	
<b>A</b>	<b>Provision covered under Original scope of Work</b>								
<b>I</b>	<b>Land</b>								
1	Compensation for Land including enhanced compensation including Solatium, Interest & Legal Charges	410101	410.20		410.20		14(1)(iv)	Within Original Scope of work.	
2	LIVILIHOD ASSISTANCE	410101	49.37	49.37	-			Within Original Scope of work.	
	<b>Sub-Total (I)</b>		<b>459.57</b>	<b>49.37</b>	<b>410.20</b>	<b>-</b>			<b>-</b>
<b>II</b>	<b>Environment &amp; Ecology</b>								
1	MUCK DUMPING SITE WORK AT DAM (DOC 04.10.2018 DLP 12M)-2017001271(2017001226)	410601	5.25	1.55	3.70		14(1)(ii)	Within Original Scope of work.	
2	2nd utilization of Reclamation of dumping site(DS-5) through vegetative model along with larji Behali Bye pass road opposite(CCVT) right bank of river sainj	410301	3.27		3.27		14(1)(ii)	Within Original Scope of work.	
3	utilisation of Proposal of Rehabilitation of partly closed dumping site of PHEP-III on trail basis.	410301	4.80		4.80		14(1)(ii)	Within Original Scope of work.	
4	Utilisation of muck dumping site	410301	0.55		0.55		14(1)(ii)	Within Original Scope of work.	
	<b>Sub-Total (II)</b>		<b>13.87</b>	<b>1.55</b>	<b>12.32</b>				<b>0.00</b>
<b>III</b>	<b>Buildings</b>								



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Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items	Head of A/C	Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	Construction of Fire Station	410328	0		0		14(1)(ii)	Within Original Scope of work. Due to poor response from bidders and delay in tendering process, the work was awarded in 2018-19, with completion in 2019-20.	40.00
2	Construction of Balance work of Internal boundary wall and gate around D-Spl and D type quarters at Sapangini township for PHEP-III PS	410325	4.33	4.41	(0.08)		14(1)(ii)	Within Original Scope of work.	
3	Construction of balance work of one no. D-Type special, two block( Four Quarter) of D type and external boundary wall including Security cabin and main gate for Sapangin Township for Parbati-III PS.	410325	28.89	17.30	11.59		14(1)(ii)	Within Original Scope of work.	
4	Construction of room for ATM Counter near Administrative building gate at Behali for parbati-III Power Station. (Package NO: PR11916/114/1)	410328	0.97	0.05	0.92		14(1)(ii)	Within Original Scope of work.	
5	Construction of Canteen in Power House for PPS-III	410301	13.26	4.34	8.93		14(1)(ii)	Within Original Scope of work.	
6	Construction of Security Post-cabin at MAT Portal etc.	410301	0.63		0.63		14(1)(ii)	Within Original Scope of work.	
7	Channelization of Waterfall near Residential Township at Sapangini for Parbati-III P S	410328	4.41	0.22	4.19		14(1)(ii)	Within Original Scope of work.	
8	Balance cap of Construction of Boundry wall of STORE near admn building on receipt of final bill	410306	0.24	0.03	0.21		14(1)(ii)	Within Original Scope of work.	



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Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items	Head of A/C	Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
9	Balance cap of Development of inner roads of New store complex	410306	5.53	0.86	4.67		14(1)(ii)	Within Original Scope of work.	
10	Construction of two nos security post at Dam site for Parbati-III power station.	410601	7.79		7.79		14(1)(ii)	Within Original Scope of work.	
	<b>Sub-Total (III)</b>		<b>66.06</b>	<b>27.21</b>	<b>38.84</b>				<b>40.00</b>
<b>IV</b>	<b>Plants &amp; Equipments</b>								
1	Purchase of Car	411501	7.73		7.73			No departmental vehicle was available in power station for safe movement of HOP/other dignitaries in the power station. Hence Required for safe movement of Higher Level Officers.	
2	Purchase of Ambulance	411506	9.16		9.16		14(1)(ii)	Within Original Scope of work. Purchase can't be made in 2016-17 due to delay in tendering process.	
	<b>Sub-Total (IV)</b>		<b>16.89</b>	<b>-</b>	<b>16.89</b>				<b>-</b>
<b>V</b>	<b>Roads, Bridges and Other Works</b>								
1	Add cap on final bill for WEARING COURSE, PREMIX CARPETING AND CEMENT CEMENT CONCRTE PAVMENT OF SAINJ-BYE PASS ROAD FOR PARBATI-III PS	410201	10.76	0.52	10.24		14(1)(ii)	Within Original Scope of work. Balance payments released in 2017-18	
	<b>Sub-Total (V)</b>		<b>10.76</b>	<b>0.52</b>	<b>10.24</b>				<b>0.00</b>
<b>VI</b>	<b>Miscellaneous</b>								
1	Purchase of Guest House items - Washing Machines/Microwave/OTG/OFH, OTG 24 LITER INALSA-24 RSS, Mixer Grinder etc.	412007	1.50		1.50		14(1)(ii)	Within Original Scope of work.	
2	AIR CONDITIONER	412008	0.78		0.78		14(1)(ii)	Within Original Scope of work.	





Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
3	Purchased of Reverse Osmosis +UV (Self Assembled)	412020	0.12		0.12		14(1)(ii)	Within Original Scope of work.	
4	Purchase of Photocopier Machine	412003	3.78		3.78		14(1)(ii)	Within Original Scope of work.	
5	Purchase of Furniture - Fixtures - office	411701	2.50		2.50		14(1)(ii)	Within Original Scope of work.	
6	Purchase of Furniture - Fixtures - Residential building	411702	0.84		0.84		14(1)(ii)	Within Original Scope of work.	
7	Purchase of Furniture - Fixtures - Club building	411705	7.65	0.67	6.98		14(1)(ii)	Within Original Scope of work.	
8	Purchase of Furniture - Fixtures - guest house	411707	8.94		8.94		14(1)(ii)	Within Original Scope of work.	
9	Purchase of computers	411801	13.72		13.72		14(1)(ii)	Within Original Scope of work.	
10	Purchase of printers	411803	3.72		3.72		14(1)(ii)	Within Original Scope of work.	
11	Purchase of other EDP equipments	411804	12.44		12.44		14(1)(ii)	Within Original Scope of work.	
12	Purchase of networking equipments	411806	15.68	0.55	15.13		14(1)(ii)	Within Original Scope of work.	
13	Purchase of Televisions	412501	1.99		1.99		14(1)(ii)	Within Original Scope of work.	
14	READ OUT UNIT MAKE PMT, MODEL : 100 VDL	412502	1.03		1.03			Within Original Scope of work.	
15	DIGITALWATERLEVEL RECORDER, NONCONTACT RADAR, RANGE 120 M, & ACC-	412502	4.22	0.37	3.85			Within Original Scope of work.	



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Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items	Head of A/C	Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
16	AUTOMATIC WEATHER STATION WITH BATTERY, MAKE / MODEL ATIPL WSDL 1154_VR03	412502	2.60	0.22	2.38		Within Original Scope of work.		
17	ECHO SOUNDER	412503	0.50	0.10	0.40		Within Original Scope of work.		
18	DIGITAL MULTIMETER,VOLTAGE-0-600V AND CURRENT 10A AC/DC, FLUKE-115	412503	0.09		0.09		Within Original Scope of work.		
19	ZEBRONICS MONSTER PRO X15 SPEAKER WITH IN BUILT APAMPLIFIER 180 WATTS	412503	0.28		0.28		Within Original Scope of work.		
20	WATER PURIFIER (RO+UV), 7LTR CAPACITY, KENT ACE	412503	0.87		0.87		Within Original Scope of work.		
21	Informatory sign board at various roads at project areas	412503	0.71		0.71		Within Original Scope of work.		
22	MANUAL SWEEPING MACHINE,MAKE-WALKY, MODEL-ICPL05035	412503	0.53		0.53		Within Original Scope of work.		
23	ALUMINIUM ALLOY SELF SUPPORTING LADDER WITH SERVICE MAN PLATFORM AT THE TOP SIZE 14 FEET	412503	0.22		0.22		Within Original Scope of work.		
24	SOLAR STREET LIGHT SYSTEM WITH ALL ACCESSOIRES.	412503	1.98		1.98		Within Original Scope of work.		
25	25KG/DAY COMPOSTER WITH SHREDDER - MAKE:GRE, MODEL-25	412503	3.72		3.72		Within Original Scope of work.		
26	KENT REVERSE OSMOSIS WATER PURIFIER MODEL K.GAURD +08 LTR.	412503	0.70		0.70		Within Original Scope of work.		
27	REFRIGERATOR (FRIDGE)	412505	0.97		0.97		Within Original Scope of work.		
28	Purchase of fixed assets of minor value such as hooters, fire extinguishers & security gadgets	412801	2.67		2.67		Within Original Scope of work.		
29	METER READING INSTRUMENT, SANDS & 1010HS	410713	0.43		0.43		Within Original Scope of work.		
30	HYDRAULIC JACK, 10 TON, MAKE:UNIQUEMODEL:UFJS 10/16	410713	0.45	0.12	0.33		Within Original Scope of work.		

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Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items	Head of A/C	Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
31	HYDRAULIC JACK 5 TON	410713	0.33		0.33		Within Original Scope of work.		
32	1000A TRUE RMS AC/DC DIGITAL CLAMP METER	410713	0.48		0.48		Within Original Scope of work.		
33	1000A TRUE RMS AC/DC DIGITAL CLAMP METER	410713	0.48		0.48		Within Original Scope of work.		
34	TRUE RMS DIGITAL MULTI METER - FLUKE 87-Vi	410713	0.34		0.34		Within Original Scope of work.		
35	TRUE RMS DIGITAL MULTI METER - FLUKE 87-Vi	410713	0.34		0.34		Within Original Scope of work.		
36	2000 KGS HYDRAULIC SCISSOR PLATFORM	410713	6.13	0.52	5.61		Within Original Scope of work.		
37	DRY WELL TEMP CALIBRATOR COMPLETE WITH REFERENCE PROBE & THERMOMETER READOUT TEMP RANGE-25C -140C	410713	3.84	0.33	3.51		Within Original Scope of work.		
38	HYDRAULIC HAND PUMP, MAXIMUM PRESSURE: 600-800 BAR, OIL CAPACITY:900-1000 CM3 WITH ACCESSORIES	410713	1.23		1.23	14(1)(iii)	Within Original Scope of work.		
39	Proving and laying of water supply lines for sprinkling water in parks & lawns at Residential complex at sapangni for	411201	5.82	0.33	5.49	14(1)(ii)	Within Original Scope of work.		
	<b>Sub-Total (VI)</b>		<b>114.61</b>	<b>3.19</b>	<b>111.42</b>			<b>0.00</b>	



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Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
<b>VII</b>	<b>Civil Works</b>								
1	Cap of ST reimb for Improvement/ Widening of Existing Approach Road to Pothead Yard and HVAC Room near Power House.	410301	1.87		1.87		14(1)(ii)	Within Original Scope of work.	
2	Add cap on final bill water supply with filtration plant at PH	410301	1.12		1.12		14(1)(ii)	Within Original Scope of work.	
3	Construction of Plaque fixing structure inside Power House of PPS-II	410301	0.79	0.04	0.75		14(1)(ii)	Within Original Scope of work.	
4	Cut & cover work of pothyard near Power House	410301	64.59	3.48	61.10		14(1)(ii)	Within Original Scope of work.	10.00
5	HIRING OF ARCHITECT FOR POWER HOUSE, MAT AND MAT PORTAL	410301	3.09		3.09		14(1)(ii)	Within Original Scope of work.	
6	BALANCE WORK OF SANITARY INCLUDING SEWAGE TREATMENT PLANT FOR POWER HOUSE CONTROL BUILDING	410301	43.55	2.48	41.07		14(1)(ii)	Within Original Scope of work.	
7	Kota Stone Flooring in MIV floor At EL 956.50 inside Power House for PPS-III	410301	8.88	0.45	8.43		14(1)(ii)	Within Original Scope of work.	
8	P/F terrazzo tile flooring in Transformer cavern of underground PH	410301	14.15	0.70	13.45		14(1)(ii)	Within Original Scope of work.	
9	P/F terrazzo tile flooring in Transformer cavern of underground PH	410301	2.24	0.26	1.97		14(1)(ii)	Within Original Scope of work.	
10	providing fencing at main access Tunnel Portal area, pothead yard and HVAC area	410301	45.47	4.20	41.27		14(1)(ii)	Within Original Scope of work.	
11	Restatement of wrongly written off assets (Purchase of Fuse, Cable etc.)	410321	0.41		0.41		14(1)(ii)	Within Original Scope of work.	
12	CONSTRUCTION OF DAM SPILLWAY HRT ETC-FINAL BILL L&T	410601	24.14	22.03	2.11		14(1)(ii)	Within Original Scope of work.	
13	Reservoir Rim treatment by way of providing GI wire crate on right bank in between RD-475 to 500 at Parbati -111 PS.	410601	6.41		6.41		14(1)(ii)	Within Original Scope of work.	
14	royalty reimb liability to Patel L&T	410601	29.26	26.83	2.43		14(1)(ii)	Within Original Scope of work.	
15	CASTING TETRA POD AT DAM SITE	410601	11.58	0.65	10.93		14(1)(ii)	Within Original Scope of work.	



Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items	Head of A/C	Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
	<b>Sub-Total (VII)</b>		<b>257.55</b>	<b>61.12</b>	<b>196.42</b>				<b>10.00</b>
<b>VIII</b>	<b>HM Works</b>								
1	Balance works of LOT-3 : Hydro Mechanical	410604	0.53		0.53		14(1)(ii)	Within Original Scope of work.	
2	Supply & installation of Trash Rack Cleaning Machine alongwith Hydraulic Grappier	410608	558.63	81.77	476.86		14(1)(ii)	Within Original Scope of work.	
3	Balance Supply, Erection, Transportation, Escalation, Entry Tax, CST/VAT at Spillway Radial Gate, Stop log Gates. Aquatic Life Discharge Pipes, Atomization of Dam control room and DG SET and their spare Parts	410608	14.06		14.06		14(1)(ii)	Within Original Scope of work.	
4	Balance Supply, Erection, Transportation, Escalation, Entry Tax, CST/VAT of Desilting Chamber and their spare parts	410610	11.15		11.15		14(1)(ii)	Within Original Scope of work.	
5	Balance Supply, Erection, Transportation, Escalation, Entry Tax, CST/VAT of Tail race including Draft Tube Gates and their Spare Parts	410611	1.76		1.76		14(1)(ii)	Within Original Scope of work.	
	<b>Sub-Total (VIII)</b>		<b>586.12</b>	<b>81.77</b>	<b>504.35</b>				



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Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
<b>IX</b>	<b>E &amp; M Works</b>								
<b>(a)</b>	<b>Balance Work</b>								
1	Balance works of LOT-4 : Electro Mechanical - Power House-CCTV SYSTEM-FIXED,PTZ SAMSUNG-SNB7004,LENOVO SERVER WITH SW, PC,QNAP STORAGE SWITCH,OFC,DISPLAY,RACK	410713	46.30		46.30		14(1)(ii)	Within Original Scope of work.	
	<b>Sub-Total (IX-a)</b>		<b>46.30</b>	<b>0.00</b>	<b>46.30</b>			<b>0.00</b>	
<b>(b)</b>	<b>Initial Spare</b>								
1	53 MVA, 13.8 / 400 KV, 1-PHASE GENERATOR TRANSFORMER WITH ALL ACCESSORIES	410702	526.53	19.29	507.24		14(1)(iii)		
2	MIV OPU PUMP - TUSHA CO PUMPS T 3ST 60 / 46 MTS	410714	10.15		10.15		14(1)(iii)		
3	GOVERNAR OPU PUMP - TUSHA CO PUMPS T 3ST 32 / 46 MTS	410714	5.86		5.86		14(1)(iii)		
4	GENERATOR LOWER GUIDE BEARING PADS AS PER BHEL DRG.22570211603	410714	16.70		16.70		14(1)(iii)		
5	TURBINE GUIDE BEARING PADS AS PER BHEL DRG. 12060116711 & 12060116712	410714	39.32		39.32		14(1)(iii)		
6	VACUUM CIRCUIT BREAKER TRUCK TYPE VM12,11KV,25KA,1250A(SUITABLE FOR INCOMER)	410714	10.09		10.09		14(1)(iii)		
7	VACUUM CIRCUIT BREAKER TRUCK TYPE VM12,11KV,25KA,1250A(SUITABLE FOR OUTGOING)	410714	9.19		9.19		14(1)(iii)		
8	MAIN SERVICE SEAL (PART DRG NO. 2 21201 16704)	410714	36.88		36.88		14(1)(iii)		
9	MAINTENANCE SEAL (PART DRG NO 2 21201 16710)	410714	36.55		36.55		14(1)(iii)		
10	MAIN SERVICE SEAL (PART DRG NO. 2 21201 16704)	410714	36.88		36.88		14(1)(iii)		

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Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
11	MAINTENANCE SEAL (PART DRG NO 2 21201 16710)	410714	36.55		36.55		14(1)(iii)	Within original scope of work and within ceiling limit of 1.5% of capital cost for three units commissioned during tariff period 2009-14 & plus 4% of E & M cost of fourth unit commissioned during tariff period 2014-19.	
12	Motors for Hoists	410714	3.93	0.67	3.26		14(1)(iii)		
13	Drainage & dewatering submersible pumps motor set each type	410714	31.30	7.43	23.87		14(1)(iii)		
14	3HP 23 STAGE 3PHASE SUB. PUMP KSB-KS4C 3022 CP WITH SUB PANEL	411112	0.29		0.29		14(1)(iii)		
15	336KV, METAL OXIDE TYPE,SURGE ARRESTOR	410714	2.74	0.55	2.19		14(1)(iii)		
16	336KV, METAL OXIDE TYPE,SURGE ARRESTOR	410714	2.74		2.74		14(1)(iii)		
17	TGB OIL COOLER, FLOW-150 LPM, DRG. NO. SK/7630/00	410714	4.84	0.73	4.10		14(1)(iii)		
18	150HP/110KW SUB. PUMP,MOTOR 415V,3PH,1500RPM, DISC. 180M3/HR,105M OR ABOVE-MAKE-SEHRA:SS125-500/2	410714	17.11		17.11		14(1)(iii)		
19	SOLENOID OPERATED EMERGENCY CLOSING VALVE (20ES-3&C),DRG NO: 02000016703,ITEM NO: 236	410714	0.79		0.79		14(1)(iii)		
20	ELECTRO MAGNETIC TRANSDUCER (EHT),DRG NO: 02000016703,ITEM NO: 71	410714	4.18		4.18		14(1)(iii)		
21	PILOT SLIDE VALVE NEEDLE & SLEEVE,DRG NO: 02000016703,ITEM NO: 47	410714	0.54		0.54		14(1)(iii)		
22	MAIN SLIDE VALVE SLEEVE & SPOOL, 02000016703, ITEM NO:40	410714	2.33		2.33		14(1)(iii)		
23	HYD. DOUBLE ACTING ASSEMBLY - MODEL: HBA-2025.REV02 (ID 275) STROKE 38MM, FRICTION PAD 350X350X38 THK	410714	7.12		7.12		14(1)(iii)		
	<b>Sub-Total (IX-b)</b>		<b>842.59</b>	<b>28.67</b>	<b>813.92</b>				
	<b>Total :- IX (a+b)</b>		<b>888.89</b>	<b>28.67</b>	<b>860.23</b>				
	<b>Total (A)</b>		<b>2414.31</b>	<b>253.40</b>	<b>2160.91</b>				
<b>B</b>	<b>Capital Expenditure to be incurred on account of Additional works / Service necessary for efficient and successful operation of plant</b>								



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Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	Purchase of pump		5.50	0.24	5.26		14(3)(viii)	Augmentation of Pumping at different locations / Floors in Power House	15.00
2	Replacement of Video Wall for SCADA system		14.97	1.34	13.63		14(3)(viii)	Presently, DLP based video walls are installed in power house control room, which is an outdated technology. The running life of the lamps is less and the lamps are very costly. As such, the maintenance cost of the existing video walls is quite high. Considering the technological advancement and in view of high maintenance cost of the existing screens, it is proposed to purchase video walls of the latest technology. Replacement cost of old item is indicated in Form-9B(i) (refer item no. A4)	20.00
3	Purchase of Pallet truck		1.60	0.14	1.46		14(3)(viii)	Required for shifting / handling of heavy items and material at different floors in power house	0.00
4	Purchase of Unit Auxiliary Transformer (UAT)		0.00	0	-		14(3)(viii)	No spare UAT is available on 04 Nos. installed UATs in Power House	0.00
5	Purchase of Station Auxiliary Transformer (SAT)		0.00	0	-		14(3)(viii)	No spare SAT is available on 04 Nos. installed SATs in Power House	0.00
6	const. of Cement cladding wall on both side of MAT at PH	410301	62.24	8.14	54.10		14(1)(ii)		0.00
7	Replacement of two nos. Shaft Sleeve	410701	17.96		17.96		14(3)(viii)	Replacement of old damaged shaft sleeves. Replacement of old item is indicated in Form-9B(i) during 2018-19 (refer item no. A34)	
8	Replacement of 336KV, METAL OXIDE TYPE, SURGE ARRESTOR	410712	2.74	0.55	2.19		14(3)(viii)	Replacement of old damaged surge arrestor. Replacement of old item is indicated in Form-9B(i) during 2018-19 (refer item no. A35)	
	<b>Sub-Total (B)</b>		<b>102.27</b>	<b>9.85</b>	<b>92.41</b>				<b>35.00</b>
	<b>Total (A+B) for FY2017-18</b>		<b>2,516.58</b>	<b>263.26</b>	<b>2,253.33</b>				<b>85.00</b>

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Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items	Head of A/C	Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			

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 D S P & Associates  
Chartered Accountants**

**For NHPC Limited**

  
(M G Gokhale)  
GM (Comml.)



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## Year wise Statement of Additional Capitalization after COD

Name of the Petitioner: NHPC Limited

Name of the Generating Station: Parbati-III Power Station

COD :06.06.2014

2018-19

(Rs in lacs)

Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)			Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis			
1	2	3	4	5=3-4	6	7	8	9
<b>2018-19</b>								
<b>A</b>	<b>Provision covered under Original scope of Work</b>							
<b>I</b>	<b>Land</b>							
1	Compensation for Land including enhanced compensation including Solatium, Interest & Legal Charges	410101	413.27		413.27		14(1)(iv)	Within Original Scope of work.
3	Livelihood Assistance	410101	70.30	70.30	0.00			
	<b>Sub-Total (I)</b>		<b>483.57</b>	<b>70.30</b>	<b>413.27</b>	-		
<b>II</b>	<b>Environment &amp; Ecology</b>							
1	utilization of Reclamation of dumping site(DS-5) through vegetative model along with larji Behali Bye pass road opposite(CCVT) right bannk	410301	1.28		1.28		14(1)(ii)	Within Original Scope of work.
2	Capitalisation of utilisation of advance of 797200/- to DFO banjar towards development of dumping site 4 at Paal Nalai	410601	7.97		7.97		14(1)(ii)	Within Original Scope of work.
3	Capitalisation of utilisation of advance to DFO banjar towards development of dumping site 7 at Larji	410607	28.51		28.51		14(1)(ii)	Within Original Scope of work.
	<b>Sub-Total (II)</b>		<b>37.77</b>	<b>0.00</b>	<b>37.77</b>			
<b>III</b>	<b>Building</b>							
1	C/o Non-Executive Field Hostel at Spangini (AIREF + R M Enterprise)(119/001223+119/000178)	410321	170.96	11.25	159.71		14(1)(iv)	Within Original Scope of work.



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Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)			Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis			
1	2	3	4	5=3-4	6	7	8	9
2	Internal electrification work of Non-Executive Field hostel (119/001223)	410421	20.77		20.77			
3	Capitalisation of stage in Behali Admn Building (119/001229) O.M.R. CONSTRUCTION COMPANY PVT. LTD	410328	4.55	0.21	4.34		14(1)(ii) Within Original Scope of work.	
4	C/o Sewer line and Manholes for Township Complex, Spangini (119/000811)	411202	20.61	1.03	19.58		14(1)(ii) Within Original Scope of work.	
5	60 KLD Sewerage Treatment Plant at Spangini (119/000988)	411202	51.00	7.65	43.35		14(1)(ii) Within Original Scope of work.	
	<b>Sub-Total (III)</b>		<b>267.89</b>	<b>20.15</b>	<b>247.75</b>			
<b>IV</b>	<b>Plants &amp; Equipments</b>							
	<b>Sub-Total (IV)</b>		<b>0.00</b>	<b>-</b>	<b>-</b>			
<b>V</b>	<b>Roads, Bridges and Other Works</b>							
1	Construction of misc protection work on surge shaft road (119/001153)	410201	15.47	0.95	14.52		14(1)(ii) Within Original Scope of work.	
	<b>Sub-Total (V)</b>		<b>15.47</b>	<b>0.95</b>	<b>14.52</b>			



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Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)			Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis			
1	2	3	4	5=3-4	6	7	8	9
<b>VI</b>	<b>Miscellaneous</b>							
1	PURCHASE OF PUMPS	411112	0.22		0.22	14(1)(ii)	Within Original Scope of work.	
2	FURNISHING OF OFFICE BUILDINGS	411701	6.73		6.73	14(1)(ii)	Within Original Scope of work.	
3	FURNISHING OF FIELD HOSTEL	411707	12.37		12.37	14(1)(ii)	Within Original Scope of work.	
4	PURCHASE OF OTHER EDP EQUIPMENTS	411804	1.84		1.84	14(1)(ii)	Within Original Scope of work.	
5	PURCHASE OF PRINTERS	411803	2.36		2.36	14(1)(ii)	Within Original Scope of work.	
6	PERSONAL COMPUTER (DESKTOP)	411801	7.91	0.69	7.22	14(1)(ii)	Within Original Scope of work.	
7	PURCHASE OF NETWORKING EQUIPMENTS	411806	3.40		3.40	14(1)(ii)	Within Original Scope of work.	
8	DIGITAL WALKIE TALKIE VHF HAND SET, REPEATER & TRANSRECEIVER	411903	7.99	0.80	7.19	14(1)(ii)	Within Original Scope of work.	
9	MOBILE-SAMSUNG GALAXY J4	411904	0.23		0.23	14(1)(ii)	Within Original Scope of work.	
10	A3 SIZE COLOR PHOTOCOPIER MACHINE.	412003	1.95		1.95	14(1)(ii)	Within Original Scope of work.	
11	PURCHASE OF AIR-CONDITIONERS	412008	5.60		5.60	14(1)(ii)	Within Original Scope of work.	
12	PURCHASE OF MISC ITEMS FOR GUEST HOUSE	412007	1.95		1.95	14(1)(ii)	Within Original Scope of work.	
13	PURCHASE OF MISC ASSETS	412503	6.03	0.06	5.96	14(1)(ii)	Within Original Scope of work.	
14	DEEP FREEZER 400 LITERS; REFRIGERATOR	412505	0.48		0.48	14(1)(ii)	Within Original Scope of work.	
15	PURCHASE OF TELEVISIONS	412501	1.84		1.84	14(1)(ii)	Within Original Scope of work.	
16	DIGITAL RAINFALL RECORDER (TELEMETRY) SOLAR POWERED 8 CHANNEL DATA LOGGER - DDR-R-GPS	412502	1.51		1.51	14(1)(ii)	Within Original Scope of work.	
17	PUBLIC ADDRESS SYSTEM	412501	1.94		1.94	14(1)(ii)	Within Original Scope of work.	

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Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6	7	8	9
18	BOOM BARRIER WITH LENGTH UPTO 6M, WITH BOOM REST AND PUSH	412503	4.45	1.07	3.38		14(1)(ii)	Within Original Scope of work.	
19	PURCHASE OF MINOR ASSETS	412801	5.66		5.66		14(1)(ii)	Within Original Scope of work.	
20	11 KV power supply line from 33 KV Sub station, Behali to PH (Circuit-II) (119/001040)	410903	29.35	1.76	27.59		14(1)(ii)	Within Original Scope of work.	
21	11 KV power supply line from 33 KV sub station to Admin Building Behali & Surge Shaft (119/00944)	410903	35.22	0.88	34.34		14(1)(ii)	Within Original Scope of work.	
22	11 KV supply from 33/11 KV substation Behali to power house through AB cable Circuit-I (119/000924)	410903	39.44	1.61	37.83		14(1)(ii)	Within Original Scope of work.	
23	Protection work for 33/11 KV & Existing Store (119/000921)-OMR	410303	32.53	7.78	24.75		14(1)(ii)	Within Original Scope of work.	
24	Hill Side protection work at Behali to protect 33KVA Substation and existing store	410328	6.96	0.18	6.77		14(1)(ii)	Within Original Scope of work.	
25	Construction of Chain link fencing work with barbed wire	410328	4.17		4.17		14(1)(ii)	Within Original Scope of work.	
26	SPLIT AIR CONDITIONER, 2.0 TON, HOT & COLD, MAKE:VOLTAS, MODEL - CU24HSZS	410709	0.90		0.90		14(1)(ii)	Within Original Scope of work.	

	<b>Sub-Total (VI)</b>		<b>223.04</b>	<b>14.84</b>	<b>208.19</b>				
<b>VII</b>	<b>Civil Works</b>								

1	Glow Sign Boards in Power House by Chouhan Arts, Mandi HP (119/001170)	410301	16.30	0.81	15.48		14(1)(ii)	Within Original Scope of work.	
2	Capitalisation of 4% arrear upto COD and depreciation thereon as intimated through closing entry for dec18	410301	104.08		104.08		14(1)(ii)	Within Original Scope of work.	
3	Balance payment of LOT-II - Royalty reimbursement etc.	410301	57.45		57.45		14(1)(ii)	Within Original Scope of work.	
4	Balance payment of LOT-II - CST/VAT etc. reimbursement .	410301	19.78		19.78		14(1)(ii)	Within Original Scope of work.	



Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)			Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis			
1	2	3	4	5=3-4	6	7	8	9
5	Capitalisation of 4% arrear upto COD and depreciation thereon as intimated through closing entry for dec18	410601	170.20		170.20	14(1)(ii)	Within Original Scope of work.	
6	Capitalisation of 4% arrear upto COD and depreciation thereon as intimated through closing entry for dec18	410604	249.25		249.25	14(1)(ii)	Within Original Scope of work.	
7	Capitalisation of 4% arrear upto COD and depreciation thereon as intimated through closing entry for dec18	410607	58.51		58.51	14(1)(ii)	Within Original Scope of work.	
8	Capitalisation of 4% arrear upto COD and depreciation thereon as intimated through closing entry for dec18	410701	184.95		184.95	14(1)(ii)	Within Original Scope of work.	

	<b>Sub-Total (VII)</b>		<b>860.52</b>	<b>0.81</b>	<b>859.71</b>			
<b>VIII</b>	<b>HM Works</b>							
1	HYDROMECHANICAL WORKS-DAMS AND BARRAGES-Works supply of all equipments and materials including	410608	17.58	0.36	17.23	14(1)(ii)	Within Original Scope of work.	
	<b>Sub-Total (VIII)</b>		<b>17.58</b>	<b>0.36</b>	<b>17.23</b>			
<b>IX</b>	<b>E &amp; M Works</b>							
(a)	<b>Balance Work</b>							
1								
	<b>Sub-Total (IX-a)</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>			
(b)	<b>Initial Spare</b>							
1	17 KW, 23 HP, 975 RPM, 3 PH TEFC SQ. CAGE CRANE DUTY	410714	0.50		0.50			
2	KSB SUBMERSIBLE PUMP	410714	25.68		25.68			
3	AUTOSYNCHRONISER 69202ASYNA 7VE2146	410714	15.58		15.58			



Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)			Regulation under which claimed	Justification	Admitted Cost by the Commission, if any	
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis				IDC included in col.3
1	2	3	4	5=3-4	6	7	8	9	
4	UPPER MOVING LABYRINTH PART DRG NO 22040716705 MATERIAL: ASTM A 240 S41500 ALONG WITH FASTENERS	410714	26.55		26.55		Within original scope of work and within ceiling limit of 1.5% of capital cost for three units commissioned during tariff period 2009-14 & plus 4% of E & M cost of fourth unit commissioned during tariff period 2014-19.		
5	SHAFT SLEEVE (IN HALVES),DRG NO. 02050116703 (02050116701)	410714	8.98		8.98				
6	UPPER STATIONARY LABYRINTH INCLUDING FASTENERS FOR PARBATI-3 (DRG. NO. 02030116701)	410714	26.55		26.55				
7	NON-CLOG SUBMERSIBLE PUMP, 35HP, MAKE: MODI, MODEL NO.- G906T	410714	4.45		4.45				
8	TGB OIL COOLER ALONG WITH ACCESSORIES, DRG NO 30017261	410714	10.05	3.09	6.96				
9	TRUE RMS DIGITAL MULTI METER - FLUKE 87-Vi	410713	0.26		0.26				
10	AC/DC DIGITAL CLAMP METER WITH FLEXIBLE CURRENT PROBE - MAKE: FLUKE; MODEL: 376 WITH IFLEX	410713	0.35		0.35				
11	VIBRATION METER	410713	0.71		0.71				
12	0 MA TO 24MA LOOP CALIBRATOR - MODEL: ICAL LC11 MAKE: MASIBUS	410713	0.30		0.30				
13	BASIC HYDRAULIC TORQUE WRENCH SUITABLE FOR NUT A/F 105MM, CAPACITY- 3750 KGM	410713	4.72		4.72				
14	BASIC HYDRAULIC TORQUE WRENCH SUITABLE FOR NUT A/F 105MM, CAPACITY- 1500 KGM	410713	5.90		5.90				
15	TRIVECTOR ENERGY METER 3 PHASE, 4 WIRE, 110 V, 1A, ACCURACY CLASS 0.2S MAKE-SECURE MODEL-PREMIER 300	410713	2.54		2.54				
16	TORQUE WRENCH PUMP, 700 BAR,DISPLACEMENT: 0.75-0.90 LT./MIN., 230V, 1-PH, 50 HZ, POWERTORC, MOD:PE-1	410713	2.36	0.23	2.13				
	<b>Sub-Total (IX-b)</b>		<b>135.46</b>	<b>3.32</b>	<b>132.14</b>				-
	<b>Total :- IX (a+b)</b>		<b>135.46</b>	<b>3.32</b>	<b>132.14</b>				-
	<b>Total (A)</b>		<b>2041.31</b>	<b>110.73</b>	<b>1,930.58</b>				-



Sl. No.	Head of Work / Equipment	Head of A/C	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission, if any
	Description of Items		Accrual basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6	7	8	9
<b>B</b>	<b>Capital Expenditure to be incurred on account of Additional works / Service necessary for efficient and successful operation of plant</b>								
1	UNIT TAP OFF TRANSFORMER 13.8KV/11KV, 4000 KVA DRY & CAST RESIN TYPE - DWG NO: AMES/NHPC/GA/4000/01	410714	44.60	6.49	38.12			No spare UAT is available on 04 Nos. installed UATs in Power House in order to meet out any eventuality in case of failure in installed UAT, which leads to further Generation Loss. Hence 01 no. UAT must be kept as spare.	
2	STATION AUX. TRANSFORMER 11KV/415V, 2500 KVA DRY & CAST RESIN TYPE - DWG NO: AMES/NHPC/GA/2500/01	410714	31.92		31.92			No spare SAT is available on 04 Nos. installed SATs in Power House in order to meet out any eventuality in case of failure in installed SAT.	
	<b>Sub-Total (B)</b>		<b>76.52</b>	<b>6.49</b>	<b>70.04</b>				
	<b>Total ( A+B) for FY2017-18</b>		<b>2,117.83</b>	<b>117.22</b>	<b>2,000.61</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 DSP & Associates  
Chartered Accountants**



**For NHPC Limited**

  
**(M G Gokhale)  
GM (Comm.)**

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**Statement of Additional Capitalisation during fag end of the Project**

Name of the Petitioner : **NHPC Limited**  
Name of the Generating Station : **Parbati-III Power Station**  
COD :

Sl. No.	Head of Work / Equipment	Work/Equipment added during last five years of useful life of each Unit/Station	Amount capitalised /Proposed to be capitalised (Rs Lakh)	Justification for capitalisation proposed	Impact on life extension
1	2	3	4	5	6
1	<b>Not Applicable</b>				
2					
3					
4					

**Note:**

1. Cost Benefit analysis for capital additions done should be submitted along with petition for approval of such schemes
2. Justification for additional capital expenditure claim for each asset should be relevant to regulation under which claim and the necessity of capitalization of the asset

**For D S P & Associates  
Chartered Accountants**



**For NHPC Limited**

  
**(M G Gokhale)  
GM (Comm)**

## Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Limited

Name of the Generating Station : Parbati - III Power Station

Region/State/Distt. - Northern/HP/Kullu

(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>2016-17</b>							
<b>A</b>	<b>De-Capitalization of Assets account of others</b>						
1	MICROWAVE OVEN	411701	Exclusion	9875	31-12-09	2765	
2	SOFA SET	411707	Exclusion	15509	31-12-09	4287	
3	Intel Pentium 4 Processor, 2.6 GHZ,400FSB,256MB, DDR, SD RAM, 80GB Ultra DMA,	411801	Exclusion	6429	30-03-04	3214	
4	Compaq Presario- Intel Pentium 4 Processor 2.6 GHZ 400 FSB 256 MB DDRSD Ram 80GB,	411801	Exclusion	8591	30-03-04	4295	
5	Compaq Presario- Intel Pentium 4 Processor 2.6 GHZ ,400 FSB, 56 MB, DDR SD Ram 80GB, HDD,	411801	Exclusion	1	02-08-04	0	
6	Compaq Presario- Intel Pentium 4 Processor 2.6 GHZ ,400 FSB, 56 MB, DDR SD Ram 80GB, HDD, DVD,	411801	Exclusion	1	02-08-04	0	
7	Compaq Presario- Intel Pentium 4 Processor 2.6 GHZ ,400 FSB, 56 MB, DDR SD	411801	Exclusion	1	02-08-04	0	
8	Compaq Presario- Intel Pentium 4 Processor 2.6 GHZ ,400 FSB, 56 MB,	411801	Exclusion	1	02-08-04	0	
9	Compaq Presario- Intel Pentium 4 Processor 2.6 GHZ ,400 FSB, 56 MB, DDR SD	411801	Exclusion	1	02-08-04	0	
10	Compaq Presario- Intel Pentium 4 Processor 2.6 GHZ ,400 FSB, 56 MB, DDR SD Ram 80GB,	411801	Exclusion	1	02-08-04	0	
11	Computer Compaq Pressario-4250	411801	Exclusion	5705	31-03-05	2852	
12	Computer Compaq Pressario-4250	411801	Exclusion	5705	31-03-05	2852	
13	CP-1530 IL: Intel Pentium 4 Processor, 599 K ( Intel EM64T) 3.06 GHz	411801	Exclusion	1	09-08-05	0	
14	CP-1530 IL: Intel Pentium 4 Processor, 599 K ( Intel EM64T) 3.06 GHz ( 533 MHZ FSB, 1MB Cache	411801	Exclusion	1	09-08-05	0	
15	CP-1530 IL: Intel Pentium 4 Processor, 599 K ( Intel EM64T) 3.06 GHz ( 533 MHZ FSB, 1MB Cache,	411801	Exclusion	1	09-08-05	0	
16	CP-1530 IL: Intel Pentium 4 Processor, 599 K ( Intel EM64T) 3.06 GHz ( 533 MHZ FSB, 1MB Cache,	411801	Exclusion	1	09-08-05	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	
17	CP-1530 IL: Intel Pentium 4 Processor, 599 K ( Intel EM64T) 3.06 GHz ( 533 MHZ FSB, IMB Cache,	411801	Exclusion	1	09-08-05	0	
18	CP-1530 IL: Intel Pentium 4 Processor, 599 K ( Intel EM64T) 3.06 GHz ( 533 MHZ FSB, IMB Cache,	411801	Exclusion	1	09-08-05	0	
19	CP-1530 IL: Intel Pentium 4 Processor, 599 K ( Intel EM64T) 3.06 GHz ( 533 MHZ FSB, IMB Cache,	411801	Exclusion	1	09-08-05	0	
20	CP-1530 IL: Intel Pentium 4 Processor, 599 K ( Intel EM64T) 3.06 GHz ( 533 MHZ FSB, IMB Cache,	411801	Exclusion	1	09-08-05	0	
21	CP-1530 IL: Intel Pentium 4 Processor, 599 K ( Intel EM64T) 3.06 GHz ( 533 MHZ FSB, IMB Cache,	411801	Exclusion	1	09-08-05	0	
22	CP-1530 IL: Intel Pentium 4 Processor, 599 K ( Intel EM64T) 3.06 GHz ( 533 MHZ FSB, IMB Cache,	411801	Exclusion	1	09-08-05	0	
23	HP Computer System with P-IV ,HP D*6120 with Combo Drive ,Operating system with windows XP ,	411801	Exclusion	1	14-06-06	0	
24	HP Computer System with P-IV ,HP D*6120 with Combo Drive ,Operating system with windows XP ,	411801	Exclusion	1	14-06-06	0	
25	HP Computer System with P-IV ,HP D*6120 with Combo Drive ,Operating system with windows XP ,	411801	Exclusion	1	14-06-06	0	
26	HP Computer System with P-IV ,HP D*6120 with Combo Drive ,Operating system with windows XP ,	411801	Exclusion	1	14-06-06	0	
27	HP Computer System with P-IV ,HP D*6120 with Combo Drive ,Operating system with windows XP ,	411801	Exclusion	1	14-06-06	0	
28	HP Computer System with P-IV ,HP D*6120 with Combo Drive ,Operating system with windows XP ,	411801	Exclusion	1	14-06-06	0	
29	HP Computer System with P-IV ,HP D*6120 with Combo Drive ,Operating system with windows XP ,	411801	Exclusion	1	14-06-06	0	
30	HP DX 2280M Desktop Computer System with PD-820 Processor,win xp pro monitor HP s7540 17"CRT	411801	Exclusion	1	21-12-06	0	
31	HP DX 2280M Desktop Computer System with PD-820 Processor,win xp pro monitor HP s7540 17"CRT	411801	Exclusion	1	21-12-06	0	
32	HP DX 2280M Desktop Computer System with PD-820 Processor,win xp pro monitor HP s7540 17"CRT	411801	Exclusion	1	21-12-06	0	
33	HP DX 2280M Desktop Computer System with PD-820 Processor,win xp pro monitor HP s7540 17"CRT	411801	Exclusion	1	21-12-06	0	
34	HP DX 2280M Desktop Computer System with PD-820 Processor,win xp pro monitor HP s7540 17"CRT	411801	Exclusion	1	21-12-06	0	
35	HP DX 2280 Desktop Computer with PIV Processor ,With Bilingual Key Board,	411801	Exclusion	1	10-05-07	0	
36	PERSONAL COMPUTER (DESKTOP)	411801	Exclusion	1	08-12-09	0	
37	PERSONAL COMPUTER (DESKTOP)	411801	Exclusion	1	08-12-09	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	
38	HP BUSINESS LAPTOP MODEL- PROBOOK 6460B	411801	Exclusion	12512	01-09-11	9808	
39	GL 831AA 15 CRT (Monitor)HP dx 7400 MT R 7200 160G	411801	Exclusion	1	27-03-09	0	
40	GL 831AA 15 TFT (Monitor)HP dx 7400 MT R 7200 160G	411801	Exclusion	1	27-03-09	0	
41	GL 831AA 15 TFT (Monitor)HP dx 7400 MT R 7200 160G	411801	Exclusion	1	27-03-09	0	
42	SONY VAIO VPCS 133GN/B	411801	Exclusion	23013	11-02-11	20528	
43	Line Matrix Printer Model : Lipi 6312 L	411803	Exclusion	23208	21-12-06	11604	
44	HP A3 Size Inkjet Printer 1280 C	411803	Exclusion	1	14-06-06	0	
45	HP Inkjet 1000 Series Printer	411803	Exclusion	1	14-06-06	0	
46	HP Office- Jet K 7108 Printer (CB041D)	411803	Exclusion	1	27-03-09	0	
47	HP Office- Jet K 7108 Printer (CB041D)	411803	Exclusion	1	27-03-09	0	
48	OJ Prok 5400dn Printer (CB 185 A)	411803	Exclusion	1	27-03-09	0	
49	HP Laser Jet 1010	411803	Exclusion	1	02-08-04	0	
50	HP Laser Jet 1020 Series Printer	411803	Exclusion	1	08-09-05	0	
51	HP 1020 Laser Jet Printer	411803	Exclusion	1	21-12-06	0	
52	HP Laser Jet Printer (P 1007 Model) CC 365 A# ACJ )	411803	Exclusion	1	27-03-09	0	
53	Printer HP Laserjet P1008 S. No.UNF4103716	411803	Exclusion	1	24-08-09	0	
54	UPS APC	411804	Exclusion	1	30-03-04	0	
55	UPS APC 800VA	411804	Exclusion	1	02-08-04	0	
56	UPS APC 800VA	411804	Exclusion	1	02-08-04	0	
57	UPS APC 800VA	411804	Exclusion	1	02-08-04	0	
58	UPS 650 VA	411804	Exclusion	1	31-03-05	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	
59	UPS-(APC Make) 800 VA	411804	Exclusion	1	07-05-09	0	
60	UPS-(APC Make) 800VA	411804	Exclusion	1	27-07-09	0	
61	HP OFFICE JET J3508 ALL IN ONE - PRINT, FAX, SCAN, COPY	411804	Exclusion	1	03-02-10	0	
62	Xerox Photocopier Machine, Model 5816 With Voltage Stabilizer, SS-1500 (1.5 KVA)	412003	Exclusion	49813	06-04-05	14336	
63	Gyser 25 Ltr Plastic Body (Khaitan)	412007	Exclusion	1	30-05-09	0	
64	Gyser 25 Ltr Plastic Body (Khaitan)	412007	Exclusion	1	30-05-09	0	
65	Gyser 25 Ltr Plastic Body (Khaitan)	412007	Exclusion	1	30-05-09	0	
66	Gyser 25 Ltr Plastic Body (Khaitan)	412007	Exclusion	1	30-05-09	0	
67	Airconditioner Hitachi W/AC 1.5T	412008	Exclusion	22543	02-09-11	5725	
68	Refrigrator LG Model 368YTQG	412505	Exclusion	16925	02-09-11	2596	
69	Godrej Chair, CH-7B	412801	Exclusion	1	12-08-04	0	
70	Godrej Chair, CH-7B	412801	Exclusion	1	12-08-04	0	
71	Godrej Chair, CH-7B	412801	Exclusion	1	12-10-04	0	
72	Godrej Racks- 6 Shelves	412801	Exclusion	1	04-08-04	0	
73	Godrej Racks- 6 Shelves	412801	Exclusion	1	04-08-04	0	
74	Godrej Racks- 6 Shelves	412801	Exclusion	1	04-08-04	0	
75	Ceiling Fan 48 , Crompton G	412801	Exclusion	1	08-07-04	0	
76	Ceiling Fan 48 , Crompton G	412801	Exclusion	1	08-07-04	0	
77	Ceiling Fan 48 , Crompton G	412801	Exclusion	1	08-07-04	0	
78	Ceiling Fan 48 , Crompton G	412801	Exclusion	1	08-07-04	0	
79	Ceiling Fan 48 , Crompton G	412801	Exclusion	1	08-07-04	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	
80	Ceiling Fan 48 , Crompton G	412801	Exclusion	1	08-07-04	0	
81	Ceiling Fan- Bajaj	412801	Exclusion	1	13-09-02	0	
82	Ceiling Fan- Bajaj	412801	Exclusion	1	13-09-02	0	
83	Ceiling Fan- Bajaj	412801	Exclusion	1	13-09-02	0	
84	Wall Mounted Fan	412801	Exclusion	1	17-07-02	0	
85	Wall Mounted Fan	412801	Exclusion	1	17-07-02	0	
86	UPS 650VA, Make-Sukam	412801	Exclusion	1	27-08-05	0	
87	UPS APC 800 VA BACK	412801	Exclusion	1	18-05-06	0	
88	UPS APC 800 VA BACK	412801	Exclusion	1	18-05-06	0	
89	UPS APC 800 VA BACK	412801	Exclusion	1	18-05-06	0	
90	UPS APC 800 VA BACK	412801	Exclusion	1	18-05-06	0	
91	Sukam UPS 800 VA	412801	Exclusion	1	21-12-06	0	
92	UPS 800VA APC	412801	Exclusion	1	09-08-05	0	
93	UPS 800VA APC	412801	Exclusion	1	09-08-05	0	
94	UPS 800VA APC	412801	Exclusion	1	09-08-05	0	
95	UPS 800VA APC	412801	Exclusion	1	09-08-05	0	
96	UPS 600 VA LIEBERT	412801	Exclusion	1	07-05-09	0	
97	UPS 600 VA LIEBERT	412801	Exclusion	1	07-05-09	0	
98	Tata- Sky Disc Connection & Activation	412801	Exclusion	1	20-04-09	0	
99	Tata- Sky Disc Connection & Activation	412801	Exclusion	1	20-04-09	0	
100	Tata- Sky Disc Connection & Activation	412801	Exclusion	1	20-04-09	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	
101	Tata- Sky Disc Connection & Activation	412801	Exclusion	1	20-04-09	0	
102	Tata- Sky Disc Connection & Activation	412801	Exclusion	1	20-04-09	0	
103	Tata- Sky Disc Connection & Activation	412801	Exclusion	1	20-04-09	0	
104	Beetel Plan 1+1	412801	Exclusion	1	18-08-06	0	
105	TELETWIN (1+1) TELEPHONE SET, BEETEL, B-77	412801	Exclusion	1	26-03-11	0	
106	TELEPHONE SET, BEETEL	412801	Exclusion	1	11-05-11	0	
107	TELEPHONE SET, BEETEL	412801	Exclusion	1	11-05-11	0	
108	TELEPHONE SET, BEETEL	412801	Exclusion	1	11-05-11	0	
109	TELEPHONE SET, BEETEL	412801	Exclusion	1	11-05-11	0	
110	TELEPHONE SET, BEETEL	412801	Exclusion	1	11-05-11	0	
111	TELEPHONE SET, BEETEL	412801	Exclusion	1	11-05-11	0	
112	TELETWIN (1+1) TELEPHONE SET, BEETEL, B-77	412801	Exclusion	1	11-05-11	0	
113	TELETWIN (1+1) TELEPHONE SET, BEETEL, B-77	412801	Exclusion	1	11-05-11	0	
114	TELETWIN (1+1) TELEPHONE SET, BEETEL, B-77	412801	Exclusion	1	11-05-11	0	
115	Mobile Set Nokia C3-00-S. GREY	412801	Exclusion	1	02-09-11	0	
116	Microtek Scanmaker 3840, S.No.-CN4BM528M Transfer from Other EDP Equipment	412801	Exclusion	1	09-08-05	0	
117	Digital Multimeter, Make-Motwane, Model-DM3750	412801	Exclusion	1	11-05-05	0	
118	Digital Multimeter, Make-Motwane, Model-DM3750	412801	Exclusion	1	11-05-05	0	
119	Digital Clamp Meter, Make-Motwane, Model- DCM 30A	412801	Exclusion	1	11-05-05	0	
120	Digital Clamp Meter, Make-Motwane, Model- DCM 30A	412801	Exclusion	1	11-05-05	0	
121	ELECTRIC KETTLE STAINLESS STEEL	412801	Exclusion	1	08-10-10	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	
122	ELECTRIC KETTLE STAINLESS STEEL	412801	Exclusion	1	09-07-13	0	
123	ELECTRIC KETTLE STAINLESS STEEL	412801	Exclusion	1	09-07-13	0	
124	ELECTRIC KETTLE STAINLESS STEEL	412801	Exclusion	1	09-07-13	0	
125	Instant Geyser 1Ltr (Bajaj)	412801	Exclusion	1	20-12-06	0	
126	Instant Geyser 1Ltr (Bajaj)	412801	Exclusion	1	20-12-06	0	
127	BELCO HEAT PILLER SUPER	412801	Exclusion	1	09-12-10	0	
128	BELCO HEAT PILLER SUPER	412801	Exclusion	1	28-12-10	0	
129	BELCO HEAT PILLER SUPER	412801	Exclusion	1	28-12-10	0	
130	BELCO HEAT PILLER SUPER	412801	Exclusion	1	28-12-10	0	
131	BELCO HEAT PILLER SUPER	412801	Exclusion	1	28-12-10	0	
132	BELCO HEAT PILLER SUPER	412801	Exclusion	1	28-12-10	0	
133	Decap BHEL for item deleted from Boq	410713	Claimed	2206470	31-03-17	319	
134	Risk and cost recovery JGJV	410301	Claimed	6010206	31-12-16	234289	
135	Decap of excess reimb. Royalty recovery of JGJV	410301	Claimed	2651903	31-03-17	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	
136	IND AS Livelihood adjustment	470101	Exclusion	14235593	31-03-17	0	<p>Provision has been recognised at discounted value adjusted for average inflation in the accounts towards special financial package finalised in consultation with the State Government and approved by the Board of Directors of NHPC for livelihood assistance of the project affected families (PAFs) in Parbati-II and Parbati-III. As per the package, pending finalisation of modalities of payment, one eligible person from each PAF shall be provided livelihood assistance equivalent to minimum wage of unskilled category as per the Government of Himachal Pradesh/ Central Government whichever is higher, on monthly installment basis, for the Years as under:</p> <p>i) Till the date of superannuation for PAFs eligible for employment.  ii) For 2000 days to those PAFs left with zero balance land but excluded for employment.  iii) For 1000 days to all remaining PAFs.</p>
<b>Sub-Total:A</b>				<b>25304120</b>			
<b>B</b>	<b>De-Capitalization of Assets account of IUT</b>						
137	Silent Tyep 20KVA 440V50HZS 3 phased air cooled D G set with krilosker make Engine Model HA 394	411002	Claimed	133957	04-11-06	470303	
<b>Sub-Total:B</b>				<b>133957</b>			
<b>Total (A + B)</b>				<b>25438077</b>			
<b>Deletion as per books</b>				<b>25438077</b>			
<b>Deletion under exclusion</b>				<b>14435541</b>			
<b>Deletion under claim</b>				<b>11002536</b>			



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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	
<b>2017-18</b>							
<b>A</b>	<b>De-Capitalization of Assets account of others</b>						
1	decap of excess cap of Providing & Laying Stone Soling wearing bituminous macadam premix carpet and seal coast on Surge Shaft	410201	Exclusion	3633	27-02-17	41	
2	decap of excess cap of Contruction of Permanent Elevated Observation Post at MAT area	410301	Exclusion	5346	05-02-17	71	
3	DECAP NON RECTT OF FAULT BY REVERSING LIAB.OF LAND SCAPING WORK AT FRONT OF MAT PORTAL(119/000876)	410301	Exclusion	75000	11-11-15	4735	Reversal of excess Liability. Effect of the same is indicated in Form-16.
4	Removal of LED Video wall from SCADA system	410711	<b>Claimed</b>	1012849	06-06-14	164098	Replacement value agianst item no. B2 during 2017-18
5	LENOVO THINKPAD EDGE E430 LAPTOP( functional base)	411801	Exclusion	28910	10-10-12	26345	
6	Sofa Set(3+2+2)	411702	Exclusion	25260	13-08-12	3146	
7	Centre Table(4+2)	411702	Exclusion	6054	13-08-12	765	
8	Diwan with Mattress	411702	Exclusion	6054	13-08-12	765	
9	MOBILE set spice stellar Craze MI355	412801	Exclusion	1	23-09-12	0	
10	Godrej Panasonic Fax Machine, Model-KX FT 738X	411902	Exclusion	5169	31-01-04	2574	
11	Godrej Chair, CH-7B	412801	Exclusion	1	05-06-04	0	
12	Visitor Chair CH-4	412801	Exclusion	1	06-05-06	0	
13	UPS 800VA APC	412801	Exclusion	1	09-08-05	0	
14	UPS 800VA APC	412801	Exclusion	1	09-08-05	0	
15	UPS 600 VA	412801	Exclusion	1	31-07-12	0	
16	Bajaj Geyser 25 Ltr.	412801	Exclusion	1	31-01-05	0	
17	Bajaj Geyser 25 Ltr.	412801	Exclusion	1	31-01-05	0	
18	Bajaj Geyser 25 Ltr.	412801	Exclusion	1	31-01-05	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	
19	Geyser (25Ltr) Bajaj Model EE-25	412007	Exclusion	1	26-05-06	0	
20	Double rod room heater Bajaj	412801	Exclusion	1	10-02-06	0	
21	Water Filter 24 Ltr.	412801	Exclusion	1	21-11-07	0	
22	Godrej Chair, CH-7B	412801	Exclusion	1	05-06-04	0	
23	Xerox Photocopier, Model 5216 With Stabiliser - EMP-2000	412003	Exclusion	37254	23-05-03	21283	
24	HP Laser Jet Printer (P 1007 Model) CC 365 A# ACJ )	411803	Exclusion	1	27-03-09	0	
25	Voltas Water Cooler ,Model no.6010005 150/150 Sr.no.601011PO7C000954	412011	Exclusion	25429	03-01-08	9297	
26	Electric Kettle, Make- Sunflame	412801	Exclusion	1	20-02-06	0	
27	Inalsa Four Bumer Gas Stove	412801	Exclusion	1	30-03-05	0	
28	HEAT CONVECTOR 2KW	412801	Exclusion	1	30-01-12	0	
29	HEAT CONVECTOR 2KW	412801	Exclusion	1	30-01-12	0	
30	Steam Heater, Model- QH 2002H, Make-Usha Lexus	412801	Exclusion	1	06-12-04	0	
31	BELCO HEAT PILLER SUPER	412801	Exclusion	1	27-01-11	0	
32	BELCO HEAT PILLER SUPER	412801	Exclusion	1	27-01-11	0	
33	BELCO HEAT PILLER SUPER	412801	Exclusion	1	27-01-11	0	
34	BELCO HEAT PILLER SUPER	412801	Exclusion	1	11-02-11	0	
35	BELCO HEAT PILLER SUPER	412801	Exclusion	1	11-02-11	0	
36	PILLAR HEATER 2 ROD, 1500 WATT	412801	Exclusion	1	02-12-11	0	
37	PILLAR HEATER 2 ROD, 1500 WATT	412801	Exclusion	1	02-12-11	0	
38	PILLAR HEATER 2 ROD, 1500 WATT	412801	Exclusion	1	02-12-11	0	
39	PILLAR HEATER 2 ROD, 1500 WATT	412801	Exclusion	1	30-01-13	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	
40	Water Purifier Aqua Guard Hi Flo S.No.2009057 & 58	412007	Exclusion	4503	04-03-06	1704	
41	PCH 7002	411701	Exclusion	1	13-06-05	0	
42	GODREJ CHAIR PCH-7001D	411701	Exclusion	7719	22-06-09	2103	
43	Godrej PCH 7021	412801	Exclusion	1	30-12-05	0	
44	Godrej Chair CH-4	412801	Exclusion	1	07-02-04	0	
45	CANON PIXMA IX 4000 PHOTO PRINTER	411803	Exclusion	5172	01-03-12	4495	
46	LASER PRINTER XEROX PHASER 3250 DN	411803	Exclusion	6061	01-03-12	5266	
47	UPS 600 VA	412801	Exclusion	1	20-12-13	0	
48	Xerox Work Center Photocopier WC-420CP with Printer (Sr. no 2YR-350-1842086)	412003	Exclusion	39220	27-09-07	12618	
49	Chairs PCH 7003D	411701	Exclusion	1	20-07-06	0	
50	Godrej Visitor Chair, CH-4	412801	Exclusion	1	12-08-04	0	
51	Godrej Table T-102	411701	Exclusion	1	12-08-04	0	
52	Godrej Table T-101	411701	Exclusion	1	12-10-04	0	
53	Emergency Light, Emi Light, Make- Philips	412801	Exclusion	1	08-07-04	0	
54	UPS 800VA APC	412801	Exclusion	1	09-08-05	0	
55	UPS 800VA APC	412801	Exclusion	1	09-08-05	0	
56	UPS-(APC Make) 800VA s.No.JB0617008429	411804	Exclusion	1	24-08-09	0	
57	UPS 600 VA	412801	Exclusion	1	24-10-09	0	
58	Sony Handicam, S.No.-0348294 with one casatte M No.DCRHC 15E	412501	Exclusion	14268	11-08-04	6744	
59	Sony Handycam, Model TRU-355E	412020	Exclusion	17724	03-06-03	10152	
60	Steam Heater, Model- QH 2002H, Make-Usha Lexus	412801	Exclusion	1	06-12-04	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	
61	Steam Heater, Model- QH 2002H, Make-Usha Lexus	412801	Exclusion	1	06-12-04	0	
62	Godrej Chair, CH-7B	412801	Exclusion	1	12-08-04	0	
63	Chair CH-7B	412801	Exclusion	1	27-09-06	0	
64	Godrej Visitor Chair, CH-1112	412801	Exclusion	1	12-08-04	0	
65	Godrej Visitor Chair, CH-4	412801	Exclusion	1	12-08-04	0	
66	Godrej Visitor Chair CH-4	412801	Exclusion	1	27-09-06	0	
67	HP DESKTOP PC 6330IN WITH 20" TFT	411801	Exclusion	4390	29-11-10	2195	
68	COLOUR PRINTER BROTHER 195C	411803	Exclusion	1	29-11-10	0	
69	MONO LASER PRINTER A4 SIZE, HP, HP/LJP3005 DN	411803	Exclusion	1	25-02-10	0	
70	HP Office- Jet K 7108 Printer (CB041D)	411803	Exclusion	1	27-03-09	0	
71	CTV 21 FC80E(LG) 350 Watt	411707	Exclusion	5229	31-01-05	2284	
72	Xerox Photocopier Machine, Model 5816, S. No.- 29057913631 With Voltage Stabilizer (1.5 KVA)	412003	Exclusion	47072	02-08-05	19362	
73	Sony Digital Camera DSCT-30 still Camera with Memory Stick MSXMIGST (1 GB)	412501	Exclusion	14634	22-08-06	5294	
74	DELL OPTIPLEX X 3020 DESKTOP PC	411801	Exclusion	40000	14-11-14	0	
75	Recovery from L&T for DT repair(119/000961)	410601	Exclusion	10557248	22-05-16	1036959	Addition during 2016-17 is also kept under exclusion. Refer item no. 1 in Form-9D
76	Recovery of usage of 11KV feeder line from L&T	410601	Exclusion	843628	24-03-14	179395	Reversal of excess Liability. Effect of the same is indicated in Form-16.
77	Decap due to final bill for construction of breast wall a Sainj bypass road RD(119/000911)	410601	Exclusion	71214	30-10-16	5336	
78	Temp. Balley Bridge on river Sainj U/s coffer Dam	410201	Exclusion	13877735	31-03-18	0	Inter Head, addition also kept under exclusion. Refer item no. 1 & 2 in Form-9D during 2017-18
79	Temp. Balley Bridge on river Sainj on downstream Dam axis at Suind alongwith	410201	Exclusion	10743996	31-03-18	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	
80	IND AS Livelihood adjustment	470101	Exclusion	1284257	31-03-18	0	Provision has been recognised at discounted value adjusted for average inflation in the accounts towards special financial package finalised in consultation with the State Government and approved by the Board of Directors of NHPC for livelihood assistance of the project affected families (PAFs) in Parbati-II and Parbati-III. As per the package, pending finalisation of modalities of payment, one eligible person from each PAF shall be provided livelihood assistance equivalent to minimum wage of unskilled category as per the Government of Himachal Pradesh/ Central Government whichever is higher, on monthly installment basis, for the Years as under:  i) Till the date of superannuation for PAFs eligible for employment. ii) ii) For 2000 days to those PAFs left with zero balance land but excluded for employment.
<b>Sub-Total:A</b>				<b>38815079</b>		<b>1527027</b>	
<b>B</b>	<b>De-Capitalization of Assets account of IUT</b>						
81	LAPTOP HP PROBOOK 440G2 INTEL CORE I7,14" LED TFT SCREEN,HDD 500GB	411801	Exclusion	70728	28-06-16	16996	
<b>Sub-Total:B</b>				<b>70728</b>			
<b>Total (A + B)</b>				<b>38885807</b>			
<b>Deletion as per books (2017-18)</b>				<b>38885807</b>			
<b>Deletion under exclusion</b>				<b>37872958</b>			
<b>Deletion under claim</b>				<b>1012849</b>			
<b>2018-19</b>							
<b>A</b>	<b>De-Capitalization of Assets account of others</b>						
1	HAND SET MOTO	412801	Exclusion	3500	30-06-14	3499	



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	
2	Intel Pentium 4 Processor, 2.6 GHZ,400FSB,256MB, DDR, SD RAM, 80GB Ultra DMA,	411801	Exclusion	6429	30-03-04	3214	
3	HP Pavilion Desktop S37601N Inter core 2 Duo processor E7300 with EM 64T n VDIA Nforce 630i,	411801	Exclusion	1	17-03-09	0	
4	HP Pavilion Desktop S37601N Inter core 2 Duo processor E7300 with EM 64T n VDIA Nforce 630i, socket	411801	Exclusion	1	27-07-09	0	
5	HP Pavilion Desktop S37601N Inter core 2 Duo processor E7300 with EM 64T n VDIA Nforce 630i, socket	411801	Exclusion	1	24-08-09	0	
6	GL 831AA 15 TFT (Monitor)HP dx 7400 MT R 7200 160G	411801	Exclusion	1	27-03-09	0	
7	GL 831AA 15 TFT (Monitor)HP dx 7400 MT R 7200 160G	411801	Exclusion	1	27-03-09	0	
8	GL 831AA 15 TFT (Monitor)HP dx 7400 MT R 7200 160G	411801	Exclusion	1	27-03-09	0	
9	GL 831AA 15 TFT (Monitor)HP dx 7400 MT R 7200 160G	411801	Exclusion	1	27-03-09	0	
10	GL 831AA 15 TFT (Monitor)HP dx 7400 MT R 7200 160G	411801	Exclusion	1	27-03-09	0	
11	GL 831AA 15 TFT (Monitor)HP dx 7400 MT R 7200 160G	411801	Exclusion	1	27-03-09	0	
12	PERSONAL COMPUTER (DESKTOP)	411801	Exclusion	1	08-12-09	0	
13	PERSONAL COMPUTER (DESKTOP)	411801	Exclusion	1	08-12-09	0	
14	DESKTOP COMPUTER WITH INTEL COREI5-2400,Q67, 4GB SDRAM, HCL INFINITI MA375	411801	Exclusion	15636	24-04-12	13798	
15	HP Laser Jet 1020 Series Printer	411803	Exclusion	1	08-09-05	0	
16	HP Laser Jet 1020 Series Printer	411803	Exclusion	1	08-09-05	0	
17	HP 1020 Laser Jet Printer	411803	Exclusion	1	14-06-06	0	
18	HP A3 Size Inkjet Printer 1280 C	411803	Exclusion	1	14-06-06	0	
19	HP 1020 Laser Jet Printer	411803	Exclusion	1	24-10-07	0	
20	HP Office- Jet K 7108 Printer (CB041D)	411803	Exclusion	1	27-03-09	0	
21	HP Office- Jet K 7108 Printer (CB041D)	411803	Exclusion	1	27-03-09	0	
22	HP OFFICEJET J4500 SERIES ALL-IN-ONE PRINTER	411803	Exclusion	1	12-09-11	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	
23	LASER PRINTER XEROX PHASER 3117	411803	Exclusion	1	29-03-12	0	
24	LASER PRINTER XEROX PHASER 3250 DN	411803	Exclusion	6061	01-03-12	5266	
25	LASER PRINTER XEROX PHASER 3250 DN	411803	Exclusion	6061	01-03-12	5266	
26	LASER PRINTER XEROX PHASER 3250 DN	411803	Exclusion	6074	02-03-12	5279	
27	LASER PRINTER XEROX PHASER 3250 DN	411803	Exclusion	6138	07-03-12	5343	
28	LASER PRINTER XEROX PHASER 3117	411803	Exclusion	1	01-03-12	0	
29	HP LASERJET PRINTER MODEL P1505	411803	Exclusion	1	29-11-10	0	
30	MOTOROLA XOOM TABLET MZ 601-WIFI 3G	411801	Exclusion	12495	01-02-12	10741	
31	Photostate Machine, Model 5216 With Voltage Stabilizer - 2KVA	412003	Exclusion	45333	29-07-04	28520	
32	420 CP Xerox Copiers Printer, S.No.-3501753067 With Voltage Stabiliser, SS-1500	412003	Exclusion	53568	31-01-05	31368	
33	LCD MULTIMEDIA PROJECTOR HITACHI CPX-445 S.NO.F6A002184	412501	Exclusion	56991	15-03-07	25915	
34	decap under turbine accessories due to retrieved 02 nos. Irreparable shaft sleeves	410701	<b>Claimed</b>	1071162	24-03-14	217708	Replacement value against item no. B7 of Form-9A during 2017-18
35	decap under Switch gear due to retrieved 01 no. Irreparable surge arrester	410712	<b>Claimed</b>	163636	24-03-14	33968	Replacement value against item no. B8 of Form-9A during 2017-18
36	7/10 MT Wide Sainj By Pass Road (Pkg. No. 24)	410201	Exclusion	1044491	31-03-17	69868	Reversal of excess Liability. Effect of the same is indicated in Form-16.I 2016-17 (6)
37	BUILDING CONTAINING HYDRO ELECTRIC GENERATING PLANT	410301	Exclusion	50867	24-03-14	8537	
38	SUBMERSIBLE PUMP SET 01 HP SINGLE PHASE, 220 VOLT	411112	<b>Claimed</b>	11647	01-07-16	2330	
39	Gas Room Heater- make Elegance along with regulator and pipes	411701	Exclusion	1	07-01-08	0	
40	HP ML 350 G4/G5 Xeon Dual Processor Configuration with combo Drive, With ADD on Memory,	411801	Exclusion	14598	21-12-06	7299	
41	PERSONAL COMPUTER (DESKTOP)	411801	Exclusion	60522	30-03-17	33678	
42	HP Office Jet J-3508 All in One	411803	Exclusion	1	17-07-09	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	
43	FAX MACHINE WITH PRINT, SCAN, COPY, MAKE: XEROX, MODEL: WC 3210MFP	411804	Exclusion	2972	11-06-11	2067	
44	RAD ASMi-31,2Wire ,V.35 and G.703Modem Pair	411804	Exclusion	1	30-03-07	0	
45	Cisco Router 1841 with Cisco IOS Software	411804	Exclusion	6648	30-03-07	3324	
46	Cisco 2 Port Serial Asyn,Syn Serial Wan Interface Card (WIC - 2A/S)	411804	Exclusion	1	30-03-07	0	
47	Cisco 2 Port Serial Asyn,Syn Serial Wan Interface Card (WIC - 2A/S)	411804	Exclusion	1	30-03-07	0	
48	SERVER ( DUAL PROCESSOR, RACK SERVER MAKE- DELL MO. DEL PE2950), CISSCO RECLASSIFICATION FROM 411804	411806	Exclusion	45760	01-04-14	39126	
49	LAN EXTENDER	411806	Exclusion	11071	16-04-13	9720	
50	LAN EXTENDER 1	411806	Exclusion	16128	05-02-14	12443	
51	LAN EXTENDER 2	411806	Exclusion	16128	05-02-14	12443	
52	UBIQUITI AIR GRID M-5 5GHZ AIR MAX 11X14" GRID ANTENNA FEED	411806	Exclusion	21505	30-09-14	14486	
53	UBIQUITI NANO STATION 5 5GHZ INDOOR/OUTDOOR DUAL POLARITY 14 DBI CPE	411806	Exclusion	15125	30-09-14	10188	
54	LAN EXTENDER	411806	Exclusion	18410	15-06-15	10394	
55	LAN EXTENDER	411806	Exclusion	18410	15-06-15	10394	
56	Fax Machine (Brother Make) Model No.2820 with Laser Technology plain paperE64069K6J152708	411902	Exclusion	10044	25-07-07	5210	
57	NOKIA E75 MOBILE	411904	Exclusion	13756	11-03-10	13755	
58	SAMSUNG MOBILE PHONE, C5212	411904	Exclusion	4793	17-09-09	4792	
59	Mobile Phone, Make-Nokia, Model-6610J, IME No.- 353382003531634	411904	Exclusion	1	27-08-04	0	
60	LG Color TV 21 Ultra Slim Model 21F46RG	412007	Exclusion	6525	08-04-09	2863	
61	LG Color TV 21 Ultra Slim Model 21F46RG	412007	Exclusion	6525	08-04-09	2863	
62	LG Color TV 21 Ultra Slim Model 21F46RG	412007	Exclusion	6525	08-04-09	2863	
63	Gyser 25 Ltr Plastic Body (Khaitan)	412007	Exclusion	1	30-05-09	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	
64	Gyser 25 Ltr Plastic Body (Khaitan)	412007	Exclusion	1	30-05-09	0	
65	Geyser (25Ltr) Bajaj Model EE-25	412007	Exclusion	1	26-05-06	0	
66	Geyser (25Ltr) Bajaj Model EE-25	412007	Exclusion	1	26-05-06	0	
67	Geyser (25Ltr) Bajaj Model EE-25	412007	Exclusion	1	26-05-06	0	
68	Aqua Guard	412007	Exclusion	1	29-07-06	0	
69	SONY 26" LCD TV,WITH SUPPLID ACESSORIES, KLVBX-320A	412007	Exclusion	15575	31-05-12	5325	
70	Air Conditioner 1.5 TON	412008	Exclusion	1	11-06-03	0	
71	Air Conditioner 1.5 TON	412008	Exclusion	1	11-06-03	0	
72	Air Conditioner 1.5 TON	412008	Exclusion	1	11-06-03	0	
73	Air Conditioner 1.5 TON	412008	Exclusion	1	07-03-01	0	
74	Air Conditioner 1.5 TON	412008	Exclusion	1	07-03-01	0	
75	VOLTAGE STABILIZER (SS2000DX)	412020	Exclusion	4738	03-08-11	1718	
76	Multilingual Akshar Series Licensed Software-Hindi Akshar Naveen 2.00 (5 User Licence pack) Plak No.	412201	Exclusion	4160	21-08-09	4160	
77	TV ULTRA SLIM 21	412501	Exclusion	6036	12-12-11	2119	
78	COLOUR TV MAKE LLOYD, MODEL 32 ND	412501	Exclusion	17200	23-06-16	2754	
79	TV 42 PLASMA 42PQ30	412501	Exclusion	30460	21-04-10	12253	
80	Sony Handy Cam Camera Model No. DCRHC 90 E	412501	Exclusion	23145	17-12-05	15689	
81	Street Light Fittings (Havell make) 1*400 W (accent IP 66 ) (including BST)	412503	Exclusion	7943	15-11-06	4409	
82	Street Light Fittings (Havell make) 1*400 W (accent IP 66 ) (including BST)	412503	Exclusion	7943	15-11-06	4409	
83	Street Light Fittings (Havell make) 1*400 W (accent IP 66 ) (including BST)	412503	Exclusion	7943	15-11-06	4409	
84	Light BGEMF 250MH/BGEMF400MM(Without Lamp) & 250MH Lamp for the Light	412503	Exclusion	20287	22-04-09	8875	



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	
85	Stabilizer	412801	Exclusion	1	11-06-03	0	
86	Stabilizer	412801	Exclusion	1	11-06-03	0	
87	Stabilizer	412801	Exclusion	1	11-06-03	0	
88	VOLTAGE STABILIZER 5.0 KVA	412801	Exclusion	1	29-09-10	0	
89	VOLTAGE STABILIZER 5.0 KVA	412801	Exclusion	1	29-09-10	0	
90	VOLTAGE STABILIZER 5.0 KVA	412801	Exclusion	1	29-09-10	0	
91	STABILIZER 0.5 KVA	412801	Exclusion	3800	27-12-14	3799	
92	State Electronics Energy Meter , 3 Phase x 240VAC Range 10-40A, in poly Carbonate Body	412801	Exclusion	1	31-10-05	0	
93	State Electronics Energy Meter , 3 Phase x 240VAC Range 10-40A, in poly Carbonate Body	412801	Exclusion	1	31-10-05	0	
94	Wall Mounted Fan	412801	Exclusion	1	17-07-02	0	
95	Wall Mounted Fan	412801	Exclusion	1	17-07-02	0	
96	Swing Wall Mounting Fan	412801	Exclusion	1	20-09-07	0	
97	Swing Wall Mounting Fan	412801	Exclusion	1	20-09-07	0	
98	Exhaust Fan	412801	Exclusion	1	26-06-02	0	
99	Changeover Switch 63 Amp,415 V Standard Fourpole	412801	Exclusion	1	17-02-06	0	
100	UPS 1 KVA OFFLINE	412801	Exclusion	1	10-05-13	0	
101	Tata- Sky Disc Connection & Activation	412801	Exclusion	1	20-04-09	0	
102	Tata- Sky Disc Connection & Activation	412801	Exclusion	1	20-04-09	0	
103	Tata- Sky Disc Connection & Activation	412801	Exclusion	1	20-04-09	0	
104	Tata- Sky Disc Connection & Activation	412801	Exclusion	1	20-04-09	0	
105	Tata- Sky Disc Connection & Activation	412801	Exclusion	1	30-05-09	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	
106	Tata- Sky Disc Connection & Activation	412801	Exclusion	1	30-05-09	0	
107	Tata- Sky Disc Connection & Activation	412801	Exclusion	1	30-05-09	0	
108	Tata- Sky Disc Connection & Activation	412801	Exclusion	1	30-05-09	0	
109	Tata- Sky Disc Connection & Activation	412801	Exclusion	1	30-05-09	0	
110	Tata- Sky Disc Connection	412801	Exclusion	1	03-07-09	0	
111	Tata- Sky Disc Connection	412801	Exclusion	1	03-07-09	0	
112	Tata- Sky Disc Connection	412801	Exclusion	1	03-07-09	0	
113	Tata- Sky Disc Connection	412801	Exclusion	1	03-07-09	0	
114	Tata- Sky Disc Connection	412801	Exclusion	1	03-07-09	0	
115	Tata Sky Activation Card	412801	Exclusion	1	03-07-09	0	
116	Tata Sky Activation Card	412801	Exclusion	1	03-07-09	0	
117	SET TOP BOX	412801	Exclusion	1	18-02-10	0	
118	SET TOP BOX	412801	Exclusion	1	18-02-10	0	
119	SET TOP BOX	412801	Exclusion	1	18-02-10	0	
120	SET TOP BOX	412801	Exclusion	1	18-02-10	0	
121	BELCO HEAT PILLER SUPER	412801	Exclusion	1	28-12-10	0	
122	BELCO HEAT PILLER SUPER	412801	Exclusion	1	25-01-11	0	
123	BELCO HEAT PILLER SUPER	412801	Exclusion	1	15-11-10	0	
124	BELCO HEAT PILLER SUPER	412801	Exclusion	1	15-11-10	0	
125	HEAT PILLAR DOUBLE ROD 1500/1600W	412801	Exclusion	1	11-01-13	0	
126	HEAT PILLAR DOUBLE ROD 1500/1600W	412801	Exclusion	1	11-01-13	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	
127	HEAT PILLAR DOUBLE ROD 1500/1600W	412801	Exclusion	1	11-01-13	0	
128	HEAT PILLAR DOUBLE ROD 1500/1600W	412801	Exclusion	1	11-01-13	0	
129	Godrej Visitor Chair- PCH 7003D	412801	Exclusion	1	05-06-04	0	
130	Godrej Visitor Chair- CH-4	412801	Exclusion	1	05-06-04	0	
131	Chair CH-4	412801	Exclusion	1	07-07-00	0	
132	Visitor Chair CH-4	412801	Exclusion	1	06-05-06	0	
133	Visitor Chair CH-4	412801	Exclusion	1	06-05-06	0	
134	Visitor Chair CH-4	412801	Exclusion	1	06-05-06	0	
135	Visitor Chair CH-4	412801	Exclusion	1	06-05-06	0	
136	Visitor Chair CH-4	412801	Exclusion	1	06-05-06	0	
137	Visitor Chair CH-4	412801	Exclusion	1	06-05-06	0	
138	Chair CH-4	412801	Exclusion	1	23-12-06	0	
139	Heat Piller Belco Super	412801	Exclusion	1	21-11-07	0	
140	Pedestal Fan, Bajaj Make (400mm)	412801	Exclusion	1	22-08-08	0	
141	STABILISER FOR AIR CONDITIONER, 4KVA, 230 VOLT	412801	Exclusion	1	19-11-11	0	
142	UNIVERSAL DIGITAL MULTIMETER RANGE WITH 200MV-500V AC&DC, 2MA-2A AC&DC, FREQUENCY 0HZ-100KHZ	412801	Exclusion	1467	21-10-14	1466	
143	SEARCHING LIGHT WITH CHARGING ADAPTER ( LIGHT 1 KM RANGE)	412801	Exclusion	4358	22-07-15	4357	
144	SEARCHING LIGHT WITH CHARGING ADAPTER ( LIGHT 1 KM RANGE)	412801	Exclusion	4358	22-07-15	4357	
145	SET TOP BOX	412801	Exclusion	1300	29-03-17	1299	
146	Gas Stove ( Four Burner )	412801	Exclusion	1	29-07-05	0	
147	ELECTRIC KETTLE STAINLESS STEEL	412801	Exclusion	1	19-12-13	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	
148	ELECTRIC KETTLE STAINLESS STEEL	412801	Exclusion	1	19-12-13	0	
149	Bajaj Geyser 25 Ltr.	412801	Exclusion	1	31-01-05	0	
150	Bajaj Geyser 25 Ltr.	412801	Exclusion	1	31-01-05	0	
151	Double rod room heater Bajaj	412801	Exclusion	1	10-02-06	0	
152	Double rod room heater Bajaj	412801	Exclusion	1	10-02-06	0	
153	Double rod room heater Bajaj	412801	Exclusion	1	10-02-06	0	
154	Exhaust Fan Heavy duty 18 1400 RPM	412801	Exclusion	1	26-07-06	0	
155	Exhaust Fan Heavy duty 18 1400 RPM	412801	Exclusion	1	26-07-06	0	
156	Exhaust Fan 250MM (Havells)	412801	Exclusion	1	20-09-07	0	
157	INSTANT GEYSER 3 LTR	412801	Exclusion	1	21-01-14	0	
158	Office Table	412801	Exclusion	1	24-10-03	0	
159	PLASTIC TABLE	412801	Exclusion	1	06-03-10	0	
160	PLASTIC TABLE	412801	Exclusion	1	06-03-10	0	
161	PLASTIC TABLE	412801	Exclusion	1	06-03-10	0	
162	PLASTIC TABLE	412801	Exclusion	1	06-03-10	0	
163	PLASTIC TABLE	412801	Exclusion	1	06-03-10	0	
164	PLASTIC TABLE	412801	Exclusion	1	06-03-10	0	
165	PLASTIC TABLE	412801	Exclusion	1	06-03-10	0	
166	PLASTIC TABLE	412801	Exclusion	1	06-03-10	0	
167	PLASTIC TABLE	412801	Exclusion	1	06-03-10	0	
168	PLASTIC TABLE	412801	Exclusion	1	26-03-10	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	
169	PLASTIC TABLE	412801	Exclusion	1	26-03-10	0	
170	PLASTIC TABLE	412801	Exclusion	1	26-03-10	0	
171	PLASTIC TABLE	412801	Exclusion	1	26-03-10	0	
172	Four Burner Gas Stove ( Pigion make )	412801	Exclusion	1	18-07-08	0	
173	Steam Heater, Model- QH 2002H, Make-Usha Lexus	412801	Exclusion	1	06-12-04	0	
174	Steam Heater, Model- QH 2002H, Make-Usha Lexus	412801	Exclusion	1	06-12-04	0	
175	Eskimo Gold Blanket	412801	Exclusion	1	08-09-04	0	
176	Eskimo Gold Blanket	412801	Exclusion	1	08-09-04	0	
177	Eskimo Gold Blanket	412801	Exclusion	1	08-09-04	0	
178	Eskimo Gold Blanket	412801	Exclusion	1	08-09-04	0	
179	Godrej Visitor Chair CH-1112	412801	Exclusion	1	07-02-04	0	
180	Godrej Chair CH-4	412801	Exclusion	1	07-02-04	0	
181	Godrej Chair CH-4	412801	Exclusion	1	07-02-04	0	
182	Godrej Chair CH-4	412801	Exclusion	1	07-02-04	0	
183	Godrej Chair CH-4	412801	Exclusion	1	07-02-04	0	
184	Panasonic Cordless Phone, Model No.TG- 2338 BX Sr. No. OJCXAO12898	412801	Exclusion	1	25-10-11	0	
185	AIRTEL 3G DONGLE	412801	Exclusion	1068	06-11-13	1067	
186	Hand Drill Machine 13 m m Make Bosch Model no.6006	412801	Exclusion	1	30-11-06	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	
187	Stove Pigeon (Two Burner)	412801	Exclusion	1	06-07-07	0	
188	Juicer Mixer Grinder Maharaja Whiteline Mark-2	412801	Exclusion	1	17-02-06	0	
189	Toaster Inalsa4 Brad	412801	Exclusion	1	17-02-06	0	
190	Mixer Grinder Maharaja Whiteline (3 Jar)	412801	Exclusion	1	17-02-07	0	
191	Philips Juicer Model HL-1631 J	412801	Exclusion	1	01-05-07	0	
192	Emergency Light	412801	Exclusion	1	07-02-04	0	
193	Steam Iron (Philips) Model GL1520	412801	Exclusion	1	23-04-08	0	
194	Fly Killer Elekta	412801	Exclusion	1	13-07-09	0	
195	Fly Killer Elekta	412801	Exclusion	1	13-07-09	0	
196	LAN SWITCH 8 PORT	412801	Exclusion	1	14-10-11	0	
197	LAN SWITCH 8 PORT	412801	Exclusion	1	17-10-11	0	
198	WIRELESS INDOOR ACCESS POINT	412801	Exclusion	1	14-10-11	0	
199	LAN SWITCH 8 PORT	412801	Exclusion	1	28-03-12	0	
200	LAN SWITCH 8 PORT	412801	Exclusion	1	28-03-12	0	
201	WOODEN CHAIR	412801	Exclusion	1	05-02-14	0	
202	ELECTRIC PRESS (IRON) INALSA	412801	Exclusion	1	19-12-13	0	
203	ELECTRIC PRESS (IRON) INALSA	412801	Exclusion	1	31-12-13	0	
204	Needle and Syringe Destroyer (Electric)	412801	Exclusion	1	17-03-08	0	
205	Needle and Syringe Destroyer (Electric)	412801	Exclusion	1	17-03-08	0	
206	Needle and Syringe Destroyer (Electric)	412801	Exclusion	1	17-03-08	0	
207	Needle and Syringe Destroyer (Electric)	412801	Exclusion	1	17-03-08	0	
208	X-Ray view box S film	412801	Exclusion	1	27-05-06	0	
209	Gluko Meter (Acu Check Active)	412801	Exclusion	1	17-03-08	0	
210	Sucker Machine (Electric )	412801	Exclusion	1	17-03-08	0	
211	B.P.Apparatus Mercury pion	412801	Exclusion	1	27-05-06	0	
212	B.P.Apparatus Mercury pion	412801	Exclusion	1	27-05-06	0	
213	B.P.Apparatus Mercury pion	412801	Exclusion	1	27-05-06	0	
214	Stethoscope Ped Black	412801	Exclusion	1	27-05-06	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	
215	Stethoscope Ped Black	412801	Exclusion	1	27-05-06	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	
216	IND AS Livelihood adjustment	470101	Exclusion	2124242	31-03-19	0	<p>Provision has been recognised at discounted value adjusted for average inflation in the accounts towards special financial package finalised in consultation with the State Government and approved by the Board of Directors of NHPC for livelihood assistance of the project affected families (PAFs) in Parbati-II and Parbati-III. As per the package, pending finalisation of modalities of payment, one eligible person from each PAF shall be provided livelihood assistance equivalent to minimum wage of unskilled category as per the Government of Himachal Pradesh/ Central Government whichever is higher, on monthly installment basis, for the Years as under:</p> <p>i) Till the date of superannuation for PAFs eligible for employment.  ii) For 2000 days to those PAFs left with zero balance land but excluded for employment.  iii) For 1000 days to all remaining PAFs.</p>
<b>Sub-Total:B</b>				<b>5141721</b>		<b>750993</b>	
Deletion as per books (2018-19)				5141721			
Deletion under exclusion				3895276			
Deletion under claim				1246445			

Note: Year wise details need to be submitted

**For D S P & Associates**  
**Chartered Accountants**



**For NHPC Limited**

  
(M G Gokhale)  
GM (Comm)

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

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : PARBATI-III POWER STATION  
 COD : 06.06.2014

(Rs. in Lakh)

Sl. No.	Particulars	2014-15 (06.06.2014 to 31.03.2015)	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	
	Closing Gross Block	244109.097	248174.554	269064.472	271459.614	273547.272
	Less: Opening Gross Block	243308.917	244109.097	248174.554	269064.472	271459.614
	<b>Total Additions as per books</b>	<b>800.18</b>	<b>4065.457</b>	<b>20889.9178</b>	<b>2395.1422</b>	<b>2087.6572</b>
	Less: Additions pertaining to other Stages (give Stage wise breakup)	0.00	0.00	0.000	0.000	0.000
	<b>Net Additions pertaining to instant project/Unit/Stage</b>	<b>800.18</b>	<b>4065.457</b>	<b>20889.918</b>	<b>2395.142</b>	<b>2087.657</b>
	Less: Exclusions (items not allowable / not claimed)	0.00	0.00	0.00	0.00	0.00
	<b>Net Additional Capital Expenditure Claimed</b>	<b>800.18</b>	<b>4065.457</b>	<b>20889.918</b>	<b>2395.142</b>	<b>2087.657</b>

**Note:**

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

**For DSP & Associates**  
**Chartered Accountants**

**For NHPC Limited**

  
**(M G Gokhale)**  
**GM (Comm)**



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

Name of the Petitioner :NHPC Limited

Name of the Generating Station :Parbati-III Power Station

COD :06.06.2014

Sl. No.	Head of Work / Equipment	Head	ACE Claimed under Exclusion				Justification
			Accrual 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>2016-17</b>							
1	Concrete work of Diversion Tunnel 2	410601	10557248.00	0.00	10557248.00		Deletion during 2017-18 is also kept under
		<b>Total</b>	10557248.00	0.00	10557248.00		
<b>2017-18</b>							
1	Temp. Balley Bridge on river Sainj U/s coffer Dam	410601	13877735	0	13877735	0	Inter Head, deletion value also kept under exclusion. Refer item no. 80&79 in Form-9B(i) during 2017-18
2	Temp. Balley Bridge on river Sainj on downstream Dam axis at Suind alongwith approaches	410601	10743996	0	10743996	0	
3	Furniture fixture		837506		837506		(IUT)
		<b>Total</b>	<b>25459237</b>	<b>0</b>	<b>25459237</b>		
<b>2018-19</b>							
			<b>NIL</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



For DSP & Associates  
Chartered Accountants

For NHPC Limited

(M G Gokhale)  
GM (Comm)

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Statement of Capital Cost

(To be given for relevant dates and year wise)

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Parbati-III Power Station

(Rs. in Lakhs)

Sl. No.	Particulars	FY2014-16	
		01.04.2014 to 06.08.2014	06.08.2014 to 31.03.2016
			COD of Unit#4 on 06.08.2014
A a)	Opening Gross Block amount As per books	192740.56	259854.78
b)	Amount of Capital liabilities in A(a) above	5592.06	5990.67
c)	Amount of IDC in A(a) above	43576.08	58997.25
d)	Amount of FC in A(a) above	466.40	620.76
e)	Amount of FERV in A(a) above	0.00	0.00
f)	Amount of Hedging Cost in A(a) above	0.00	0.00
g)	Amount of IEDC in A(a) above	37285.60	49501.14
B a)	Addition in Gross Block Amount during the period (Direct purchases)		1075.60
b)	Amount of Capital liabilities in B(a) above		0.00
c)	Amount of IDC in B(a) above		0.00
d)	Amount of FC in B(a) above		0.00
e)	Amount of FERV in B(a) above		0.00
f)	Amount of Hedging Cost in B(a) above		0.00
g)	Amount of IEDC in B(a) above		0.00
C a)	Addition in Gross Block amount during the period (Transfer from CWIP) (At 00:00 Hr of Next day)	67114.20	1453.30
b)	Amount of Capital liabilities in C(a) above	398.61	377.96
c)	Amount of IDC in C(a) above	15422.17	0.00
d)	Amount of FC in C(a) above	154.36	0.00
e)	Amount of FERV in C(a) above	0.00	0.00
f)	Amount of Hedging Cost in C(a) above	0.00	0.00
g)	Amount of IEDC in C(a) above	12285.54	0.00
D a)	Deletion in Gross Block Amount during the period		1728.63
b)	Amount of Capital liabilities in D(a) above		0.00
c)	Amount of IDC in D(a) above		0.00
d)	Amount of FC in D(a) above		0.00
e)	Amount of FERV in D(a) above		0.00
f)	Amount of Hedging Cost in D(a) above		0.00
g)	Amount of IEDC in D(a) above		0.00
E	Discharge of liability (Form-16)		2533.08
F a)	Closing Gross Block amount As per books	259854.78	260654.94
b)	Amount of Capital liabilities in E(a) above	5990.67	3835.55
c)	Amount of IDC in E(a) above	58997.25	58997.25
d)	Amount of FC in E(a) above	620.76	620.76
e)	Amount of FERV in E(a) above	0.00	0.00
f)	Amount of Hedging Cost in E(a) above	0.00	0.00
g)	Amount of IEDC in E(a) above	49591.14	49591.14

Note:

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

For S.N. DHAWAN & CO. LLP  
Chartered Accountants  
FRN: 000450N / N500045

S.N. Dhawan  
Partner  
M.No. 084993

17/11/2016



For NHPC Limited

(A K Pandey)  
CE (Comm)  
Commercial Division

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**Statement of Capital Work in Progress**  
(To be given for the relevant dates and year wise)

Name of the Petitioner : NHPC Limited  
Name of the Generating Station : PARBATI-III POWER STATION

(Rs. in Lakhs)

Sl. No.	Particulars	FY2014-15	
		01.04.2014 to 06.06.2014	06.06.2014 to 31.03.2015
		COD of Unit#4 on 06.06.2014	
<b>A</b>	a) Opening CWIP As per books	68,743.10	607.91
	b) Amount of Capital liabilities in A(a) above	1,414.62	65.01
	c) Amount of IDC in A(a) above	14,595.54	(0.00)
	d) Amount of FC in A(a) above	154.36	0.00
	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	12,305.21	(0.00)
<b>B</b>	a) Addition in CWIP during the period	979.01	1,719.34
	b) Amount of Capital liabilities in B(a) above	(961.00)	443.23
	c) Amount of IDC in B(a) above	826.63	-
	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	(9.67)	-
<b>C</b>	a) Transferred to Gross Block Amount during the period ( At 00.00 Hr of Next day)	67,114.20	1,453.31
	b) Amount of Capital liabilities in C(a) above	398.61	377.96
	c) Amount of IDC in C(a) above	16,422.17	-
	d) Amount of FC in C(a) above	154.36	-
	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	12,296.54	-
<b>D</b>	a) Deletion in CWIP during the period		0.06
	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	607.91	873.88
	b) Amount of Capital liabilities in E(a) above	65.01	130.28
	c) Amount of IDC in E(a) above	(0.00)	(0.00)
	d) Amount of FC in E(a) above	0.00	0.00
	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	(0.00)	(0.00)

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

For S.N. DHAWAN & CO. LLP  
Chartered Accountants  
FRN: 000950N / N500046

S.K. Khattar  
Partner  
M.No. 004993

17/11/2016



For NHPC Limited

(A.K. Pandey)  
CE (Comm)  
Commercial Division

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**Financing of Additional Capitalisation**

Name of the Petitioner : **NHPC Limited**  
 Name of the Generating Station : **Parbati-III Power Station**  
 COD : **06.06.2014**

(Amount in Rs. Lakhs)

Financial Year (Starting from COD) <sup>1</sup>	Actual					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
<b>Amount capitalised in Work / Equipment</b>	2955.29	4455.32	4305.93	2509.91	2329.13					
<b>Financing Details</b>										
Loan-1										
Loan-2										
Loan-3 and so on										
<b>Total Loan<sup>2</sup> (Normative)</b>	2068.70	3118.72	3014.15	1756.94	1630.39					
<b>Equity</b>	886.59	1336.60	1291.78	752.97	698.74					
<b>Internal Resources</b>	2955.29	4455.32	4305.93	2509.91	2329.13					
<b>Others (Pl. specify)</b>										
<b>Total</b>	2955.29	4455.32	4305.93	2509.91	2329.13					

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 DSP & Associates  
Chartered Accountants



For NHPC Limited

  
(M G Gokhale)  
GM (Comml)

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Calculation of Depreciation

Form-11

Name of the Petitioner : NHPC Limited  
Name of the Generating Station : Parbati-III Power Station

NHPC Limited  
Parbati-III Power Station

Sl. No.	Name of the Assets <sup>1</sup>		(Amount in Rs.)							Depreciation Rates as per CERC's Depreciation Rate Schedule	(Amount in Rs.)						
			Gross Block as on 31.03.2014 (for 3 units)	Gross Block as on 06.06.2014 (for 4 units)	31.03.2015	31.03.2016	31.03.2017	31.03.2018	31.03.2019		Depreciation Amount as on 31.03.2014	Depreciation Amount as on 06.06.2014	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	Land – Freehold	410101	271,303,928	555,850,114	618,318,234	766,769,893	885,554,614	931,512,109	979,869,189	0%	-	-	-	-	-	-	-
2	Land– Right to Use	410121	91,802,818	122,403,757	147,624,937	147,624,937	148,386,937	148,386,937	148,386,937	3.34%	3,066,214	4,088,285	4,930,673	4,930,673	4,956,124	4,956,124	4,956,124
3	Roads and Bridges	4102	69,338,034	92,450,712	96,896,129	97,702,970	168,817,907	145,268,370	145,771,198	3.34%	2,315,890	3,087,854	3,236,331	3,263,279	5,638,518	4,851,964	4,868,758
4	Buildings	410301	1,604,372,369	2,139,163,158	2,140,117,088	2,225,389,466	2,345,819,113	2,377,266,151	2,421,098,930	3.34%	53,586,037	71,448,049	71,479,911	74,328,008	78,350,358	79,400,689	80,864,704
5	Railway sidings	4105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Hydraulic Works(Dams, Water Conductor system, Hydro mechanical gates, tunnels)	4106	8,855,104,948	11,806,806,597	11,676,150,778	11,729,500,270	11,763,361,129	11,843,566,228	11,896,768,341	5.28%	467,549,541	623,399,388	616,500,761	619,317,614	621,105,468	625,340,297	628,149,388
7	Generating Plant and machinery	4107	7,137,045,530	9,559,383,156	9,676,730,218	9,775,245,337	9,846,933,726	9,939,639,243	9,978,167,873	5.28%	376,836,004	504,735,431	510,931,356	516,132,954	519,918,101	524,812,952	526,848,320
8	Plant and machinery Sub station	4108	527,293	703,057	703,057	703,057	703,057	703,057	703,057	5.28%	27,841	37,121	37,121	37,121	37,121	37,121	37,121
9	Plant and machinery Transmission lines	4109	-	-	9,578,528	10,404,095	12,672,886	12,672,886	23,073,767	5.28%	-	-	505,746	549,336	669,128	669,128	1,218,295
10	Plant and machinery Others	4110	1,586,727	2,115,636	9,583,723	11,374,963	11,241,006	11,241,006	11,241,006	5.28%	83,779	111,706	506,021	600,598	593,525	593,525	593,525
11	Construction Equipment	4111	431,070	1,153,014	1,702,768	6,642,147	7,581,474	8,160,355	8,170,607	5.28%	22,760	60,879	89,906	350,705	400,302	430,867	431,408
12	Water Supply System /Drainage and Sewerage	4112	1,423,160	1,897,546	1,897,546	1,938,101	1,938,101	2,520,172	9,681,488	3.34%	47,534	63,378	63,378	64,733	64,733	84,174	323,362
13	Electrical installations	4114	557,524	743,365	743,365	743,365	743,365	743,365	743,365	5.28%	29,437	39,250	39,250	39,250	39,250	39,250	39,250
14	Vehicles	4115	232,716	310,288	310,288	4,824,724	12,371,739	14,061,217	14,061,217	9.50%	22,108	29,477	29,477	458,349	1,175,315	1,335,816	1,335,816
15	Aircraft/ Boats	4116	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	Furniture and fixture	4117	6,290,669	8,364,705	10,631,202	13,396,768	13,371,384	16,151,471	18,062,254	6.33%	398,199	529,486	672,955	848,015	846,409	1,022,388	1,143,341
17	Computers	4118	1,165,973	1,554,628	2,046,190	3,975,172	5,151,536	9,552,549	10,797,197	15.00%	174,896	233,194	306,929	596,276	772,730	1,432,882	1,619,580
18	Communication Equipment	4119	283,517	367,746	457,050	1,318,629	1,318,629	1,313,460	2,106,544	6.33%	17,947	23,278	28,931	83,469	83,469	133,344	
19	Office Equipments	4120	2,617,448	3,433,780	7,242,236	6,947,240	7,582,981	8,029,548	8,840,848	6.33%	165,684	217,358	458,434	439,760	480,003	508,270	559,626
20	Research and Development	4121	166,145	221,526	221,526	221,526	221,526	221,526	221,526	5.28%	8,772	11,697	11,697	11,697	11,697	11,697	11,697
21	Computer Software	4122	4,017	5,356	5,356	5,356	650,521	650,521	646,361	15.00%	803	803	803	803	97,578	96,954	
22	Other assets	4125	5,152,988	6,915,707	8,295,894	10,649,795	14,983,647	16,992,261	18,440,344	5.28%	272,078	365,149	438,023	562,309	791,137	897,191	973,650
23	Tangible Assets of minor value >750 and < Rs 5000	4128	57,510	112,519	1,653,587	2,077,635	2,457,056	2,724,118	3,270,221	5.28%	3,037	5,941	87,309	109,699	129,733	143,833	172,668
<b>TOTAL</b>			<b>18,049,464,382</b>	<b>24,303,956,367</b>	<b>24,410,909,700</b>	<b>24,817,455,446</b>	<b>25,251,862,334</b>	<b>25,491,376,550</b>	<b>25,700,142,270</b>		<b>904,628,361</b>	<b>1,208,487,724</b>	<b>1,210,355,012</b>	<b>1,222,724,648</b>	<b>1,236,160,699</b>	<b>1,246,748,888</b>	<b>1,254,376,911</b>
						24817440128.00											
<b>Weighted Average Depreciation Rate (%) of depreciation</b>						<b>15318.00</b>					<b>5.012%</b>	<b>4.972%</b>	<b>4.958%</b>	<b>4.927%</b>	<b>4.895%</b>	<b>4.891%</b>	<b>4.88%</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 DSP & Associates  
Chartered Accountants

For NHPC Limited

(M G Gokhale)  
GM (Comml)



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## Statement of Depreciation

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Parbati-III Power station

(Rs. in Lakh)

Sl. No.	Particulars	2013-14	2014-15		2015-16	2016-17	2017-18	2018-19
			01.04.14 to 05.06.14 (for 3 units)	06.06.14 to 31.03.15 (for 4 units)				
	days		66	299				
1	2	3	4	5	6	7	8	9
1	Opening Capital Cost		187,147.46	253,863.16	256,818.45	261,273.77	265,579.70	268,089.61
2	Closing Capital Cost		187,147.46	256,818.45	261,273.77	265,579.70	268,089.61	270,418.73
3	Average Capital Cost		187,147.46	255,340.81	259,046.11	263,426.73	266,834.65	269,254.17
4	Freehold land		5558.50	6183.18	7667.70	8855.55	9315.12	9798.69
5	Rate of depreciation		5.012%	4.972%	4.958%	4.927%	4.895%	4.891%
6	Depreciable value (6=3-4)*0.9		163,430.06	224,241.86	226,240.57	229,114.07	231,767.58	233,509.93
7	Balance useful life at the beginning of the period		35.00	35.00	34.18	33.18	32.18	31.18
8	Remaining depreciable value		163,276.03	222,391.77	214,072.21	204,109.65	193,800.19	182,482.05
9	<b>Depreciation (for the period)</b>		<b>1,696.06</b>	<b>10,400.73</b>	<b>12,844.17</b>	<b>12,978.70</b>	<b>13,062.42</b>	<b>13,168.86</b>
10	<b>Depreciation (annualised)</b>		<b>9,379.72</b>	<b>12,696.54</b>	<b>12,844.17</b>	<b>12,978.70</b>	<b>13,062.42</b>	<b>13,168.86</b>
11	Cumulative depreciation at the end of the period		1850.09	12250.82	25012.52	37983.12	51029.81	64196.74
12	Less : Cumulative depreciation adjustment on account of de-capitalisation (Refer Form-9B(i))		-	82.46	8.11	15.74	1.93	2.96
13	Net Cumulative depreciation at the end of the period	154.03	1,850.09	12,168.36	25,004.42	37,967.38	51,027.88	64,193.78

## Note:

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

For DSP & Associates  
Chartered Accountants

For NHPC Limited

  
 (M G Gokhale)  
 GM (Comm)

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## Calculation of Weighted Average Rate of Interest on Actual Loans

Name of the Company  
Name of the Power Station

NHPC LTD.  
PARBATI-III PS

(Amount in lacs)

Sl. no.	Particulars	2014-15		2015-16	2016-17	2017-18	2018-19
		01.04.2014 to 05.06.2014 O&M 3 Unit	06.06.2014 to 31.03.2015 O&M all 4 Unit				
	1	2	3	4	5	6	7
<b>1 LIC</b>							
Gross loan - Opening		23364.75	31153.00	31153.00	31153.00	31153.00	31153.00
Cumulative repayments of Loans upto previous year		3894.13	6490.21	7788.25	10384.33	12980.42	15576.50
Net loan - Opening		19470.63	24662.79	23364.75	20768.67	18172.58	15576.50
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		973.53	1298.04	2596.08	2596.08	2596.08	2596.08
Net loan - Closing		18497.09	23364.75	20768.67	18172.58	15576.50	12980.42
Average Net Loan		18983.86	24013.77	22066.71	19470.63	16874.54	14278.46
Rate of Interest on Loan		9.118%	9.118%	9.118%	9.118%	9.118%	9.118%
Interest on loan		312.02	1792.84	1977.35	1735.45	1498.41	1261.05
<b>2 UCO BANK</b>							
Gross loan - Opening		15000.00	20000.00	20000.00	20000.00	20000.00	20000.00
Cumulative repayments of Loans upto previous year		1875.00	2500.00	4166.67	5833.33	20000.00	20000.00
Net loan - Opening		13125.00	17500.00	15833.33	14166.67	0.00	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		0.00	1666.67	1666.67	14166.67	0.00	0.00
Net loan - Closing		13125.00	15833.33	14166.67	0.00	0.00	0.00
Average Net Loan		13125.00	16666.67	15000.00	7083.33	0.00	0.00
Rate of Interest on Loan		10.20%	10.20%	10.20%	9.70%	0.00%	0.00%
Interest on loan		242.08	1377.00	1476.70	1067.80	0.00	0.00
<b>3 CORPORATION BANK LOAN</b>							
Gross loan - Opening		4479.75	5973.00	5973.00	5973.00	5973.00	5973.00
Cumulative repayments of Loans upto previous year		0.00	0.00	124.44	622.19	1119.94	5973.00
Net loan - Opening		4479.75	5973.00	5848.56	5350.81	4853.06	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	124.44	497.75	497.75	4853.06	0.00
Net loan - Closing		4479.75	5848.56	5350.81	4853.06	0.00	0.00
Average Net Loan		4479.75	5910.78	5599.69	5101.94	2426.53	0.00
Rate of Interest on Loan		10.25%	10.25%	10.25%	9.65%	8.75%	0.00%
Interest on loan		83.03	498.52	547.82	485.87	74.93	0.00
<b>4 PUNJAB &amp; SIND BANK</b>							
Gross loan - Opening		5250.00	7000.00	7000.00	7000.00	7000.00	7000.00
Cumulative repayments of Loans upto previous year		0.00	0.00	145.83	729.17	7000.00	7000.00
Net loan - Opening		5250.00	7000.00	6854.17	6270.83	0.00	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		0.00	145.83	583.33	6270.83	0.00	0.00
Net loan - Closing		5250.00	6854.17	6270.83	0.00	0.00	0.00
Average Net Loan		5250.00	6927.08	6562.50	3135.42	0.00	0.00
Rate of Interest on Loan		10.25%	10.25%	10.25%	9.75%	0.00%	0.00%
Interest on loan		97.30	584.73	647.86	475.31	0.00	0.00
<b>5 INDIAN OVERSEAS BANK</b>							
Gross loan - Opening		15000.00	20000.00	20000.00	20000.00	20000.00	20000.00
Cumulative repayments of Loans upto previous year		0.00	0.00	416.67	2083.33	3750.00	20000.00
Net loan - Opening		15000.00	20000.00	19583.33	17916.67	16250.00	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		0.00	416.67	1666.67	1666.67	16250.00	0.00
Net loan - Closing		15000.00	19583.33	17916.67	16250.00	0.00	0.00



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## Calculation of Weighted Average Rate of Interest on Actual Loans

Name of the Company  
Name of the Power Station

NHPC LTD.  
PARBATI-III PS

(Amount in lacs)

Sl. no.	Particulars	2014-15		2015-16	2016-17	2017-18	2018-19
		01.04.2014 to 05.06.2014 O&M 3 Unit	06.06.2014 to 31.03.2015 O&M all 4 Unit				
	1	2	3	4	5	6	7
	Average Net Loan	15000.00	19791.67	18750.00	17083.33	8125.00	0.00
	Rate of Interest on Loan	10.25%	10.25%	10.25%	9.70%	8.65%	0.00%
	Interest on loan	278.01	1670.54	1843.09	1640.08	249.00	0.00
<b>6</b>	<b>CANARA BANK</b>						
	Gross loan - Opening	11250.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	312.00	1560.00	2808.00	15000.00
	Net loan - Opening	11250.00	15000.00	14688.00	13440.00	12192.00	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	0.00	312.00	1248.00	1248.00	12192.00	0.00
	Net loan - Closing	11250.00	14688.00	13440.00	12192.00	0.00	0.00
	Average Net Loan	11250.00	14844.00	14064.00	12816.00	6096.00	0.00
	Rate of Interest on Loan	10.20%	10.20%	10.20%	9.65%	8.45%	0.00%
	Interest on loan	207.49	1246.80	1377.50	1218.35	182.51	0.00
<b>7</b>	<b>SYNDICATE BANK</b>						
	Gross loan - Opening	1670.25	2227.00	2227.00	2227.00	2227.00	2227.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	46.40	231.98	417.56	2227.00
	Net loan - Opening	1670.25	2227.00	2180.60	1995.02	1809.44	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	46.40	185.58	185.58	1809.44	0.00
	Net loan - Closing	1670.25	2180.60	1995.02	1809.44	0.00	0.00
	Average Net Loan	1670.25	2203.80	2087.81	1902.23	904.72	0.00
	Rate of Interest on Loan	10.25%	10.25%	10.25%	9.70%	9.60%	0.00%
	Interest on loan	30.96	186.24	206.44	182.11	30.98	0.00
<b>8</b>	<b>STATE BANK OF HYDRABAD</b>						
	Gross loan - Opening	8906.25	11875.00	11875.00	11875.00	11875.00	11875.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	247.40	11875.00	11875.00
	Net loan - Opening	8906.25	11875.00	11875.00	11627.60	0.00	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	0.00	0.00	247.40	11627.60	0.00	0.00
	Net loan - Closing	8906.25	11875.00	11627.60	0.00	0.00	0.00
	Average Net Loan	8906.25	11875.00	11751.30	5813.80	0.00	0.00
	Rate of Interest on Loan	10.20%	10.20%	10.20%	9.75%	0.00%	0.00%
	Interest on loan	164.27	992.02	1177.04	866.71	0.00	0.00
<b>9</b>	<b>STATE BANK OF INDIA - 1000 Crore</b>						
	Gross loan - Opening	7500.00	10000.00	10000.00	10000.00	10000.00	10000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	833.33	10000.00
	Net loan - Opening	7500.00	10000.00	10000.00	10000.00	9166.67	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	833.33	9166.67	0.00
	Net loan - Closing	7500.00	10000.00	10000.00	9166.67	0.00	0.00
	Average Net Loan	7500.00	10000.00	10000.00	9583.33	4583.33	0.00
	Rate of Interest on Loan	10.49%	10.49%	10.25%	9.30%	9.15%	0.00%
	Interest on loan	142.26	843.34	968.26	888.83	354.98	0.00
<b>10</b>	<b>STATE BANK OF INDIA - 460 Crore</b>						
	Gross loan - Opening	0.00	0.00	0.00	0.00	10885.42	10885.42
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	10885.42
	Net loan - Opening	0.00	0.00	0.00	0.00	10885.42	0.00



## Calculation of Weighted Average Rate of Interest on Actual Loans

Name of the Company  
Name of the Power Station

NHPC LTD.  
PARBATI-III PS

(Amount in lacs)

Sl. no.	Particulars	2014-15		2015-16	2016-17	2017-18	2018-19
		01.04.2014 to 05.06.2014 O&M 3 Unit	06.06.2014 to 31.03.2015 O&M all 4 Unit				
	1	2	3	4	5	6	7
	Add: Drawal(s) during the Year	0.00	0.00	0.00	10885.42	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	10885.42	0.00
	Net loan - Closing	0.00	0.00	0.00	10885.42	0.00	0.00
	Average Net Loan	0.00	0.00	0.00	5442.71	5442.71	0.00
	Rate of Interest on Loan	0.00%	0.00%	0.00%	8.00%	8.00%	0.00%
	Interest on loan	0.00	0.00	0.00	186.10	386.82	0.00
<b>11</b>	<b>Q SERIES BONDS</b>						
	Gross loan - Opening	6750.00	9000.00	9000.00	9000.00	9000.00	9000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	750.00	1500.00	2250.00
	Net loan - Opening	6750.00	9000.00	9000.00	8250.00	7500.00	6750.00
	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	750.00	750.00	750.00	750.00
	Net loan - Closing	6750.00	9000.00	8250.00	7500.00	6750.00	6000.00
	Average Net Loan	6750.00	9000.00	8625.00	7875.00	7125.00	6375.00
	Rate of Interest on Loan	9.25%	9.25%	9.25%	9.25%	9.25%	9.25%
	Interest on loan	112.90	681.97	828.51	758.94	689.95	620.57
<b>12</b>	<b>R-2 Series BONDS</b>						
	Gross loan - Opening	18594.00	24792.00	24792.00	24792.00	24792.00	24792.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	2066.00	4132.00	6198.00
	Net loan - Opening	18594.00	24792.00	24792.00	22726.00	20660.00	18594.00
	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	2066.00	2066.00	2066.00	2066.00
	Net loan - Closing	18594.00	24792.00	22726.00	20660.00	18594.00	16528.00
	Average Net Loan	18594.00	24792.00	23759.00	21693.00	19627.00	17561.00
	Rate of Interest on Loan	8.85%	8.85%	8.85%	8.85%	8.85%	8.85%
	Interest on loan	297.55	1797.35	2174.30	1981.96	1802.36	1621.02
<b>13</b>	<b>1A-SERIES Tax Free BONDS</b>						
	Gross loan - Opening	1111.02	1481.36	1481.36	1481.36	1481.36	1481.36
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1111.02	1481.36	1481.36	1481.36	1481.36	1481.36
	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	0.00	0.00	0.00
	Net loan - Closing	1111.02	1481.36	1481.36	1481.36	1481.36	1481.36
	Average Net Loan	1111.02	1481.36	1481.36	1481.36	1481.36	1481.36
	Rate of Interest on Loan	8.18%	8.18%	8.18%	8.18%	8.18%	8.18%
	Interest on loan	16.43	99.26	121.18	121.18	121.18	121.18
<b>14</b>	<b>1B-SERIES Tax Free BONDS</b>						
	Gross loan - Opening	2400.00	3200.00	3200.00	3200.00	3200.00	3200.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	2400.00	3200.00	3200.00	3200.00	3200.00	3200.00
	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	0.00	0.00	0.00
	Net loan - Closing	2400.00	3200.00	3200.00	3200.00	3200.00	3200.00
	Average Net Loan	2400.00	3200.00	3200.00	3200.00	3200.00	3200.00
	Rate of Interest on Loan	8.43%	8.43%	8.43%	8.43%	8.43%	8.43%



## Calculation of Weighted Average Rate of Interest on Actual Loans

Name of the Company  
Name of the Power Station

NHPC LTD.  
PARBATH-III PS

(Amount in lacs)

Sl. no.	Particulars	2014-15		2015-16	2016-17	2017-18	2018-19
		01.04.2014 to 05.06.2014 O&M 3 Unit	06.06.2014 to 31.03.2015 O&M all 4 Unit				
	1	2	3	4	5	6	7
	Interest on loan	36.58	220.89	269.58	269.53	269.51	269.45
<b>15</b>	<b>S1-Series Bonds</b>						
	Gross loan - Opening	0.00	0.00	8302.00	8302.00	8302.00	8302.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	830.20	1660.40	2490.60
	Net loan - Opening	0.00	0.00	8302.00	7471.80	6641.60	5811.40
	Add: Drawal(s) during the Year	0.00	8302.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	830.20	830.20	830.20	830.20
	Net loan - Closing	0.00	8302.00	7471.80	6641.60	5811.40	4981.20
	Average Net Loan	0.00	4151.00	7886.90	7056.70	6226.50	5396.30
	Rate of Interest on Loan	0.00%	8.49%	8.49%	8.49%	8.49%	8.49%
	Interest on loan	0.00	243.31	681.64	608.69	539.15	469.06
<b>16</b>	<b>S2-Series Bonds</b>						
	Gross loan - Opening	0.00	0.00	2888.00	2888.00	2888.00	2888.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	2888.00	2888.00	2888.00	2888.00
	Add: Drawal(s) during the Year	0.00	2888.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	240.67
	Net loan - Closing	0.00	2888.00	2888.00	2888.00	2888.00	2647.33
	Average Net Loan	0.00	1444.00	2888.00	2888.00	2888.00	2767.67
	Rate of Interest on Loan	0.00%	8.54%	8.54%	8.54%	8.54%	8.54%
	Interest on loan	0.00	85.14	247.08	246.19	246.64	239.54
<b>17</b>	<b>V-Series Bonds</b>						
	Gross loan - Opening	0.00	0.00	0.00	0.00	18187.50	21926.08
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	5928.67
	Net loan - Opening	0.00	0.00	0.00	0.00	18187.50	15997.42
	Add: Drawal(s) during the Year/reallocation	0.00	0.00	0.00	18187.50	3738.58	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	5928.67	3565.67
	Net loan - Closing	0.00	0.00	0.00	18187.50	15997.42	12431.75
	Average Net Loan	0.00	0.00	0.00	9093.75	17092.46	14214.59
	Rate of Interest on Loan	0.00%	0.00%	0.00%	6.84%	6.84%	6.84%
	Interest on loan	0.00	0.00	0.00	228.36	1379.07	1049.45
<b>18</b>	<b>V2-Series Bonds</b>						
	Gross loan - Opening	0.00	0.00	0.00	0.00	0.00	30466.42
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	30466.42
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	30466.42	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	30466.42	30466.42
	Average Net Loan	0.00	0.00	0.00	0.00	15233.21	30466.42
	Rate of Interest on Loan	0.00%	0.00%	0.00%	0.00%	7.52%	7.52%
	Interest on loan	0.00	0.00	0.00	0.00	1876.80	2291.07
<b>19</b>	<b>W1-Series Bonds</b>						
	Gross loan - Opening	0.00	0.00	0.00	0.00	0.00	9898.08
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	9898.08



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## Calculation of Weighted Average Rate of Interest on Actual Loans

Name of the Company  
Name of the Power Station

NHPC LTD.  
PARBATI-III PS

(Amount in lacs)

Sl. no.	Particulars	2014-15		2015-16	2016-17	2017-18	2018-19
		01.04.2014 to 05.06.2014 O&M 3 Unit	06.06.2014 to 31.03.2015 O&M all 4 Unit				
	1	2	3	4	5	6	7
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	9898.08	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	1979.62
	Net loan - Closing	0.00	0.00	0.00	0.00	9898.08	7918.46
	Average Net Loan	0.00	0.00	0.00	0.00	4949.04	8908.27
	Rate of Interest on Loan	0.00%	0.00%	0.00%	0.00%	6.91%	6.91%
	Interest on loan	0.00	0.00	0.00	0.00	371.02	609.75
<b>20</b>	<b>W2-Series Bonds</b>						
	Gross loan - Opening	0.00	0.00	0.00	0.00	0.00	9372.53
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00	0.00	9372.53
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	9372.53	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	0.00	9372.53	9372.53
	Average Net Loan	0.00	0.00	0.00	0.00	4686.27	9372.53
	Rate of Interest on Loan	0.00%		0.00%	0.00%	7.35%	7.35%
	Interest on loan	0.00		0.00	0.00	373.69	688.88
	<b>TOTAL LOANS</b>						
	Gross loan - Opening	121276.02	161701.36	172891.36	172891.36	201964.28	255439.89
	Cumulative repayments of Loans upto previous year	5769.13	8990.21	13000.25	25337.93	68076.65	135404.18
	Net loan - Opening	115506.90	152711.15	159891.11	147553.43	133887.63	120035.71
	Add: Drawal(s) during the Year	0.00	11190.00	0.00	29072.92	53475.61	0.00
	Less: Repayment (s) of Loans during the year	973.53	4010.04	12337.68	42738.72	67327.53	12028.23
	Net loan - Closing	114533.36	159891.11	147553.43	133887.63	120035.71	108007.48
	Average Net Loan	115020.13	156301.13	153722.27	140720.53	126961.67	114021.59
	Interest on loan	2020.89	12319.96	14544.34	12961.44	10446.98	9241.03
	<b>Weighted average Rate of Interest on Loans</b>	9.72%	9.62%	9.46%	9.21%	8.23%	8.10%

For DSP & Associates  
Chartered Accountants

For NHPC Limited

(M G Gokhale)  
GM (Comm)



Calculation of interest taken in Form 13  
 NHPC LTD.  
 PARBATI-III PS

Name of the Company  
 Name of the Power Station

(Amount in lacs)

Sl. No.	Principal	Date of Repayment	Amount of Installment	From	to	Days	Interest Rate (%)	Interest	Intt. In form 13		Remarks
									Construction	D&M*	
1	LIC										
	25960.83			01-Apr-14	29-Apr-14	29	9.118%	188.07		47.02	141.05
	24662.79	30-Apr-14	1298.04	30-Apr-14	05-Jun-14	37	9.118%	227.96		56.99	170.97
	24662.79			06-Jun-14	30-Oct-14	147	9.118%	905.66			905.66
	23364.75	31-Oct-14	1298.04	31-Oct-14	31-Mar-15	152	9.118%	887.18	2208.87		887.18
	23364.75			01-Apr-15	29-Apr-15	29	9.118%	169.26			
	22066.71	30-Apr-15	1298.04	30-Apr-15	30-Oct-15	184	9.118%	1014.29			
	20768.67	31-Oct-15	1298.04	31-Oct-15	31-Mar-16	153	9.118%	793.79	1977.35		1977.35
	20768.67			01-Apr-16	29-Apr-16	29	9.118%	150.46			
	19470.63	30-Apr-16	1298.04	30-Apr-16	30-Oct-16	184	9.118%	894.96			
	18172.58	31-Oct-16	1298.04	31-Oct-16	31-Mar-17	152	9.118%	690.03	1735.45		1735.45
	18172.58			01-Apr-17	28-Apr-17	28	9.118%	127.11			
	16874.54	29-Apr-17	1298.04	29-Apr-17	30-Oct-17	185	9.118%	779.85			
	15576.50	31-Oct-17	1298.04	31-Oct-17	31-Mar-18	152	9.118%	591.45	1498.41		1498.41
	15576.50			01-Apr-18	26-Apr-18	26	9.118%	101.17			
	14278.46	27-Apr-18	1298.04	27-Apr-18	30-Oct-18	187	9.118%	667.01			
	12980.42	31-Oct-18	1298.04	31-Oct-18	31-Mar-19	152	9.118%	492.88	1261.05		1261.05
		<b>12980</b>				<b>1826</b>		<b>8681.13</b>	<b>8681.13</b>	<b>104.01</b>	<b>8577.12</b>
2	UCO BANK										
	17500.00			01-Apr-14	05-Jun-14	66	10.20%	322.77		80.69	242.08
	17500.00			06-Jun-14	29-Jun-14	24	10.20%	117.37			117.37
	16666.67	30-Jun-14	833.33	30-Jun-14	30-Dec-14	184	10.20%	856.99			856.99
	15833.33	31-Dec-14	833.33	31-Dec-14	31-Mar-15	91	10.20%	402.64	1699.77		402.64
	15833.33			01-Apr-15	30-Apr-15	30	10.20%	132.74			
	15833.33			01-May-15	29-Jun-15	60	9.95%	258.97			
	15000.00	30-Jun-15	833.33	30-Jun-15	04-Oct-15	97	9.95%	396.64			
	15000.00			05-Oct-15	30-Dec-15	87	9.70%	346.81			
	14166.67	31-Dec-15	833.33	31-Dec-15	31-Dec-15	1	9.70%	3.76			
	14166.67			01-Jan-16	31-Mar-16	91	9.70%	337.78	1476.70		1476.70
	14166.67			01-Apr-16	29-Jun-16	90	9.70%	337.91			
	13333.33	30-Jun-16	833.33	30-Jun-16	30-Dec-16	184	9.70%	650.18			
	12500.00	31-Dec-16	833.33	31-Dec-16	31-Dec-16	1	9.70%	3.31			
12500.00			01-Jan-17	23-Jan-17	23	9.70%	76.40	1067.80		1067.80	
0.00	24-Jan-17	12500	24-Jan-17								
		<b>17500</b>				<b>1029</b>		<b>4244.26</b>	<b>4244.26</b>	<b>80.69</b>	<b>4163.57</b>
3	Corporation Bank Loan										
	5973.00			01-Apr-14	05-Jun-14	66	10.25%	110.71		27.68	83.03
	5973.00			06-Jun-14	04-Jan-15	213	10.25%	357.28			357.28
	5848.56	05-Jan-15	124.44	05-Jan-15	31-Mar-15	86	10.25%	141.25	609.23		141.25
	5848.56			01-Apr-15	03-Apr-15	3	10.25%	4.93			
	5724.13	04-Apr-15	124.44	04-Apr-15	31-May-15	58	10.25%	93.23			
	5724.13			01-Jun-15	03-Jul-15	33	10.00%	51.75			
	5599.69	04-Jul-15	124.44	04-Jul-15	04-Jul-15	1	10.00%	1.53			
	5599.69			05-Jul-15	23-Aug-15	50	10.00%	76.71			
	5599.69			24-Aug-15	04-Oct-15	42	9.90%	63.79			
	5475.25	05-Oct-15	124.44	05-Oct-15	07-Oct-15	3	9.90%	4.46			
	5475.25			08-Oct-15	31-Dec-15	85	9.65%	123.04			
	5475.25			01-Jan-16	04-Jan-16	4	9.65%	5.77			
	5350.81	05-Jan-16	124.44	05-Jan-16	31-Mar-16	87	9.65%	122.60	547.82		547.82
	5350.81			01-Apr-16	03-Apr-16	3	9.65%	4.23			
	5226.38	04-Apr-16	124.44	04-Apr-16	04-Jul-16	92	9.65%	126.78			
	5101.94	05-Jul-16	124.44	05-Jul-16	04-Oct-16	92	9.65%	123.76			
4977.50	05-Oct-16	124.44	05-Oct-16	31-Dec-16	88	9.65%	115.50				
4977.50			01-Jan-17	04-Jan-17	4	9.65%	5.26				
4853.06	05-Jan-17	124.44	05-Jan-17	31-Mar-17	86	9.65%	110.34	485.87		485.87	
4853.06			01-Apr-17	04-Apr-17	4	8.75%	4.65				
4728.63	05-Apr-17	124.44	05-Apr-17	05-Jun-17	62	8.75%	70.27	74.93		74.93	
0.00	06-Jun-17	4728.63	06-Jun-17								
		<b>5973</b>				<b>1162</b>		<b>1717.84</b>	<b>1717.84</b>	<b>27.68</b>	<b>1690.17</b>



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Name of the Company NHPC LTD.  
 Name of the Power Station PARBATI-III PS

(Amount in lacs)

<b>4</b>	<b>PUNJAB &amp; SIND BANK</b>												
	7000.00			01-Apr-14	05-Jun-14	66	10.25%	129.74			32.43	97.30	
	7000.00			06-Jun-14	15-Jan-15	225	10.25%	442.29				442.29	
	6854.17	17-Jan-15	145.83	17-Jan-15	31-Mar-15	74	10.25%	142.44	714.47			142.44	
	6854.17			01-Apr-15	16-Apr-15	16	10.25%	30.80					
	6708.33	17-Apr-15	145.83	17-Apr-15	02-Jun-15	47	10.25%	88.54					
	6708.33			03-Jun-15	16-Jul-15	44	10.00%	80.87					
	6562.50	17-Jul-15	145.83	17-Jul-15	04-Oct-15	80	10.00%	143.84					
	6562.50			05-Oct-15	16-Oct-15	12	9.75%	21.04					
	6416.67	17-Oct-15	145.83	17-Oct-15	31-Dec-15	76	9.75%	130.27					
	6416.67			01-Jan-16	16-Jan-16	16	9.75%	27.35					
	6270.83	17-Jan-16	145.83	17-Jan-16	31-Mar-16	75	9.75%	125.16	647.86			647.86	
	6270.83			01-Apr-16	16-Apr-16	16	9.75%	26.73					
	6125.00	17-Apr-16	145.83	17-Apr-16	16-Jul-16	91	9.75%	148.48					
	5979.17	17-Jul-16	145.83	17-Jul-16	16-Oct-16	92	9.75%	146.43					
	5833.33	17-Oct-16	145.83	17-Oct-16	31-Dec-16	76	9.75%	118.10					
	5833.33			01-Jan-17	16-Jan-17	16	9.75%	24.93					
	5687.50	17-Jan-17	145.83	17-Jan-17	23-Jan-17	7	9.75%	10.63					
	0.00	24-Jan-17	5687.50	24-Jan-17						475.31		475.31	
			7000.00					1029		1837.64	1837.64	32.43	1805.20
<b>5</b>	<b>INDIAN OVERSEAS BANK</b>												
	20000.00			01-Apr-14	05-Jun-14	66	10.25%	370.68			92.67	278.01	
	20000.00			06-Jun-14	15-Jan-15	224	10.25%	1258.08				1258.08	
	19583.33	16-Jan-15	416.67	16-Jan-15	31-Mar-15	75	10.25%	412.46	2041.22			412.46	
	19583.33			01-Apr-15	15-Apr-15	15	10.25%	82.49					
	19166.67	16-Apr-15	416.67	16-Apr-15	17-May-15	32	10.25%	172.24					
	19166.67			18-May-15	15-Jul-15	59	10.05%	311.37					
	18750.00	16-Jul-15	416.67	16-Jul-15	19-Jul-15	4	10.05%	20.65					
	18750.00			20-Jul-15	14-Oct-15	87	9.90%	442.45					
	18750.00			15-Oct-15	15-Oct-15	1	9.70%	4.98					
	18333.33	16-Oct-15	416.67	16-Oct-15	31-Dec-15	77	9.70%	375.16					
	18333.33			01-Jan-16	15-Jan-16	15	9.70%	72.88					
	17916.67	16-Jan-16	416.67	16-Jan-16	31-Mar-16	76	9.70%	360.87	1843.09			1843.09	
	17916.67			01-Apr-16	15-Apr-16	15	9.70%	71.23					
	17500.00	16-Apr-16	416.67	16-Apr-16	15-Jul-16	91	9.70%	422.06					
	17083.33	16-Jul-16	416.67	16-Jul-16	14-Oct-16	91	9.70%	412.01					
	16666.67	15-Oct-16	416.67	15-Oct-16	31-Dec-16	78	9.70%	344.46					
	16666.67			01-Jan-17	15-Jan-17	15	9.70%	66.44					
	16250.00	16-Jan-17	416.67	16-Jan-17	31-Mar-17	75	9.70%	323.89	1640.08			1640.08	
	16250.00			01-Apr-17	14-Apr-17	14	8.65%	53.91					
	15833.33	15-Apr-17	416.67	15-Apr-17	05-Jun-17	52	8.65%	195.09	249.00			249.00	
	0.00	06-Jun-17	15833.33	06-Jun-17									
			20000.00					1162		5773.39	5773.39	92.67	5680.72
<b>6</b>	<b>CANARA BANK</b>												
	15000.00			01-Apr-14	05-Jun-14	66	10.20%	276.66			69.16	207.49	
	15000.00			06-Jun-14	15-Jan-15	224	10.20%	938.96				938.96	
	14688.00	16-Jan-15	312	16-Jan-15	31-Mar-15	75	10.20%	307.84	1523.46			307.84	
	14688.00			01-Apr-15	15-Apr-15	15	10.20%	61.57					
	14376.00	16-Apr-15	312	16-Apr-15	10-May-15	25	10.20%	100.44					
	14376.00			11-May-15	15-Jul-15	66	10.00%	259.95					
	14064.00	16-Jul-15	312	16-Jul-15	02-Sep-15	49	10.00%	188.80					
	14064.00			03-Sep-15	06-Oct-15	34	9.90%	129.70					
	14064.00			07-Oct-15	15-Oct-15	9	9.65%	33.46					
	13752.00	16-Oct-15	312	16-Oct-15	31-Dec-15	77	9.65%	279.96					
	13752.00			01-Jan-16	15-Jan-16	15	9.65%	54.39					
	13440.00	16-Jan-16	312	16-Jan-16	31-Mar-16	76	9.65%	269.24	1377.50			1377.50	
	13440.00			01-Apr-16	15-Apr-16	15	9.65%	53.15					
	13128.00	16-Apr-16	312	16-Apr-16	15-Jul-16	91	9.65%	314.98					
	12816.00	16-Jul-16	312	16-Jul-16	10-Oct-16	87	9.65%	293.98					
	12816.00			11-Oct-16	15-Oct-16	5	9.60%	16.81					
	12504.00	16-Oct-16	312	16-Oct-16	31-Dec-16	77	9.60%	252.40					
	12504.00			01-Jan-17	06-Jan-17	6	9.60%	19.73					
	12504.00			07-Jan-17	15-Jan-17	9	9.50%	29.29					
	12192.00	16-Jan-17	312	16-Jan-17	31-Mar-17	75	9.50%	237.99	1218.35			1218.35	
	12192.00			01-Apr-17	14-Apr-17	14	8.45%	39.52					
	11880.00	15-Apr-17	312	15-Apr-17	05-Jun-17	52	8.45%	142.99	182.51			182.51	
	0.00	06-Jun-17	11880.00	06-Jun-17									
			15000.00					1162.00		4301.81	4301.81	69.16	4232.65



Name of the Company NHPC LTD.  
Name of the Power Station PARBATI-III PS

(Amount in lacs)

7	SYNDICATE BANK										
	2227.00			01-Apr-14	05-Jun-14	66	10.25%	41.28		10.32	30.96
	2227.00			06-Jun-14	01-Feb-15	241	10.25%	150.72			150.72
	2180.60	02-Feb-15	46.40	02-Feb-15	31-Mar-15	58	10.25%	35.52	227.51		35.52
	2180.60			01-Apr-15	01-May-15	31	10.25%	18.98			
	2134.21	02-May-15	46.40	02-May-15	07-Jun-15	37	10.25%	22.18			
	2134.21			08-Jun-15	01-Aug-15	55	10.00%	32.16			
	2087.81	02-Aug-15	46.40	02-Aug-15	30-Sep-15	60	10.00%	34.32			
	2087.81			01-Oct-15	01-Nov-15	32	9.70%	17.75			
	2041.42	02-Nov-15	46.40	02-Nov-15	31-Dec-15	60	9.70%	32.55			
	2041.42			01-Jan-16	01-Feb-16	32	9.70%	17.31			
	1995.02	02-Feb-16	46.40	02-Feb-16	31-Mar-16	59	9.70%	31.19	206.44		206.44
	1995.02			01-Apr-16	01-May-16	31	9.70%	16.39			
	1948.63	02-May-16	46.40	02-May-16	10-Jul-16	70	9.70%	36.15			
	1948.63			11-Jul-16	01-Aug-16	22	9.60%	11.24			
	1902.23	02-Aug-16	46.40	02-Aug-16	01-Nov-16	92	9.60%	45.90			
	1855.83	02-Nov-16	46.40	02-Nov-16	31-Dec-16	60	9.60%	29.20			
	1855.83			01-Jan-17	01-Feb-17	32	9.60%	15.62			
	1809.44	02-Feb-17	46.40	02-Feb-17	31-Mar-17	58	9.60%	27.60	182.11		182.11
	1809.44			01-Apr-17	01-May-17	31	9.60%	14.75			
	1763.04	02-May-17	46.40	02-May-17	05-Jun-17	35	9.60%	16.23	30.98		30.98
	0.00	06-Jun-17	1763.04	06-Jun-17							
			2227.00			1162.00		647.04	647.04	10.32	636.72
8	STATE BANK OF HYDRABAD										
	11875.00			01-Apr-14	05-Jun-14	66	10.20%	219.02		54.76	164.27
	11875.00			06-Jun-14	31-Mar-15	299	10.20%	992.02	1211.04		992.02
	11875.00			01-Apr-15	30-Apr-15	30	10.20%	99.55			
	11875.00			01-May-15	15-Jul-15	76	10.05%	248.50			
	11875.00			16-Jul-15	07-Oct-15	84	9.95%	271.92			
	11875.00			08-Oct-15	31-Dec-15	85	9.75%	269.63			
	11875.00			01-Jan-16	27-Mar-16	87	9.75%	275.04			
	11627.60	28-Mar-16	247.40	28-Mar-16	31-Mar-16	4	9.75%	12.39	1177.04		1177.04
	11627.60			01-Apr-16	27-Jun-16	88	9.75%	272.58			
	11380.21	28-Jun-16	247.40	28-Jun-16	27-Sep-16	92	9.75%	278.91			
	11132.81	28-Sep-16	247.40	28-Sep-16	31-Oct-16	34	9.75%	100.83			
	11132.81			01-Nov-16	27-Dec-16	57	9.70%	168.13			
	10885.42	28-Dec-16	247.40	28-Dec-16	31-Dec-16	4	9.70%	11.54			
	10885.42			01-Jan-17	12-Jan-17	12	9.70%	34.71	866.71		866.71
	0.00	13-Jan-17	10885.42	13-Jan-17							
			11875.00			1018.00		3254.78	3254.78	54.76	3200.03
9	STATE BANK OF INDIA - 1000 Crore										
	10000			01-Apr-14	05-Jun-14	66	10.49%	189.68		47.42	142.26
	10000			06-Jun-14	31-Jul-14	56	10.49%	160.94			160.94
	10000			01-Aug-14	31-Mar-15	243	10.25%	682.40	1033.02		682.40
	10000			01-Apr-15	09-Apr-15	9	10.25%	25.27			
	10000			10-Apr-15	07-Jun-15	59	10.10%	163.26			
	10000			08-Jun-15	23-Sep-15	108	9.95%	294.41			
	10000			24-Sep-15	04-Oct-15	11	9.70%	29.23			
	10000			05-Oct-15	31-Mar-16	179	9.30%	456.08	968.26		968.26
	10000			01-Apr-16	19-Jun-16	80	9.30%	203.84			
	10000			20-Jun-16	26-Jun-16	7	9.15%	17.55			
	9791.67	27-Jun-16	208.33	27-Jun-16	26-Sep-16	92	9.15%	225.83			
	9583.33	27-Sep-16	208.33	27-Sep-16	26-Dec-16	91	9.15%	218.62			
	9375.00	27-Dec-16	208.33	27-Dec-16	26-Mar-17	90	9.15%	211.52			
	9166.67	27-Mar-17	208.33	27-Mar-17	31-Mar-17	5	9.15%	11.49	888.83		888.83
	9166.67			01-Apr-17	19-Jun-17	80	9.15%	183.84			
	9166.67			20-Jun-17	26-Jun-17	7	8.00%	14.06			
	8958.33	27-Jun-17	208.33	27-Jun-17	14-Sep-17	80	8.00%	157.08	354.98		354.98
	0.00	15-Sep-17	8958.33	15-Sep-17							
			10000.00			1263.00		3245.09	3245.09	47.42	3197.67
10	STATE BANK OF INDIA - 460 Crore										
	10885.42			13-Jan-17	31-Mar-17	78	8.00%	186.10	186.10		186.10
	10885.42			01-Apr-17	28-Apr-17	28	8.00%	66.80			
	10598.85	29-Apr-17	286.57	29-Apr-17	30-Jul-17	93	8.00%	216.04			
	10312.28	31-Jul-17	286.57	31-Jul-17	14-Sep-17	46	8.00%	103.97	386.82		386.82
	0.00	15-Sep-17	10312.28	15-Sep-17							
			10885.42					572.91	572.91	0.00	572.91

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Name of the Company NHPCL LTD.  
Name of the Power Station PARBATI-III PS

(Amount in lacs)

<b>11</b>	<b>Q Series Bonds</b>											
	9000.00			01-Apr-14	05-Jun-14	66	9.250%	150.53			37.63	112.90
	9000.00			06-Jun-14	11-Mar-15	279	9.250%	636.35				636.35
	9000.00			12-Mar-15	31-Mar-15	20	9.250%	45.62	832.50			45.62
	9000.00			01-Apr-15	10-Mar-16	345	9.250%	784.73				
	8250.00	11-Mar-16	750.00	11-Mar-16	31-Mar-16	21	9.250%	43.78	828.51			828.51
	8250.00			01-Apr-16	09-Mar-17	343	9.250%	717.13				
	7500.00	10-Mar-17	750.00	10-Mar-17	31-Mar-17	22	9.250%	41.81	758.94			758.94
	7500.00			01-Apr-17	11-Mar-18	345	9.250%	655.74				
	6750.00	12-Mar-18	750.00	12-Mar-18	31-Mar-18	20	9.250%	34.21	689.95			689.95
	6750.00			01-Apr-18	11-Mar-19	345	9.250%	590.16				
	6000.00	12-Mar-19	750.00	12-Mar-19	31-Mar-19	20	9.250%	30.41	620.57			620.57
			3000			1826		3730.48	3730.48	37.63		3692.85
<b>12</b>	<b>R-2 Series Bonds</b>											
	24792.00			01-Apr-14	05-Jun-14	66	8.85%	396.74		99.18		297.55
	24792.00			06-Jun-14	10-Feb-15	250	8.85%	1502.80				1502.80
	24792.00			11-Feb-15	31-Mar-15	49	8.85%	294.55	2194.09			294.55
	24792.00			01-Apr-15	10-Feb-16	316	8.85%	1899.54				
	22726.00	11-Feb-16	2066.00	11-Feb-16	31-Mar-16	50	8.85%	274.76	2174.30			2174.30
	22726.00			01-Apr-16	10-Feb-17	316	8.85%	1736.50				
	20660.00	11-Feb-17	2066.00	11-Feb-17	31-Mar-17	49	8.85%	245.46	1981.96			1981.96
	20660.00			01-Apr-17	08-Feb-18	314	8.85%	1572.43				
	18594.00	09-Feb-18	2066.00	09-Feb-18	31-Mar-18	51	8.85%	229.93	1802.36			1802.36
	18594.00			01-Apr-18	10-Feb-19	316	8.85%	1424.66				
	16528.00	11-Feb-19	2066.00	11-Feb-19	31-Mar-19	49	8.85%	196.37	1621.02			1621.02
			8264			1826		9773.74	9773.74	99.18		9674.55
<b>13</b>	<b>1A-SERIES Tax Free BONDS</b>											
	1481.36			01-Apr-14	05-Jun-14	66	8.18%	21.91		5.48		16.43
	1481.36			06-Jun-14	31-Mar-15	299	8.18%	99.26	121.18			99.26
	1481.36			01-Apr-15	31-Mar-16	366	8.18%	121.18	121.18			121.18
	1481.36			01-Apr-16	31-Mar-17	365	8.18%	121.18	121.18			121.18
	1481.36			01-Apr-17	31-Mar-18	365	8.18%	121.18	121.18			121.18
	1481.36			01-Apr-18	31-Mar-19	365	8.18%	121.18	121.18			121.18
			0			1826		605.88	605.88	5.48		600.40
<b>14</b>	<b>1B-SERIES Tax Free BONDS</b>											
	3200.00			01-Apr-14	05-Jun-14	66	8.43%	48.78		12.19		36.58
	3200.00			06-Jun-14	31-Mar-15	299	8.43%	220.89	269.67			220.89
	3200.00			01-Apr-15	31-Mar-16	366	8.43%	269.58	269.58			269.58
	3200.00			01-Apr-16	31-Mar-17	365	8.43%	269.53	269.53			269.53
	3200.00			01-Apr-17	31-Mar-18	365	8.43%	269.51	269.51			269.51
	3200.00			01-Apr-18	31-Mar-19	365	8.43%	269.45	269.45			269.45
			0			1826		1347.73	1347.73	12.19		1335.54
<b>15</b>	<b>S1-Series Bonds</b>											
	8302.00			26-Nov-14	31-Mar-15	126	8.49%	243.31	243.31			243.31
	8302.00			01-Apr-15	25-Nov-15	239	8.49%	461.53				
	7471.80	26-Nov-15	830.20	26-Nov-15	31-Mar-16	127	8.49%	220.12	681.64			681.64
	7471.80			01-Apr-16	24-Nov-16	238	8.49%	412.50				
	6641.60	25-Nov-16	830.20	25-Nov-16	27-Nov-16	3	8.49%	4.62				
	6641.60			28-Nov-16	31-Mar-17	124	8.49%	191.56	608.69			608.69
	6641.60			01-Apr-17	23-Nov-17	237	8.49%	366.13				
	5811.40	24-Nov-17	830.20	24-Nov-17	31-Mar-18	128	8.49%	173.02	539.15			539.15
	5811.40			01-Apr-18	25-Nov-18	239	8.49%	323.07				
	4981.20	26-Nov-18	830.20	26-Nov-18	31-Mar-19	126	8.49%	145.99	469.06			469.06
			3321			1587		2541.86	2541.86	0.00		2541.86
<b>16</b>	<b>S2-Series Bonds</b>											
	2888.00			26-Nov-14	31-Mar-15	126	8.54%	85.14	85.14			85.14
	2888.00			01-Apr-15	25-Nov-15	239	8.54%	161.49				
	2888.00			26-Nov-15	31-Mar-16	127	8.54%	85.58	247.08			247.08
	2888.00			01-Apr-16	27-Nov-16	241	8.54%	162.40				
	2888.00			28-Nov-16	31-Mar-17	124	8.54%	83.79	246.19			246.19
	2888.00			01-Apr-17	25-Nov-17	239	8.54%	161.50				
	2888.00			26-Nov-17	31-Mar-18	126	8.54%	85.14	246.84			246.84
	2888.00			01-Apr-18	25-Nov-18	239	8.54%	161.50				
	2647.33	26-Nov-18	240.67	26-Nov-18	31-Mar-19	126	8.54%	78.04	239.54			239.54
			241			1587		1064.59	1064.59	0.00		1064.59



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## Calculation of Interest on Normative Loan

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Parbati-III Power Station

(Amount in Lakhs)

Sl. No.	Particulars	2013-14		2014-15		2015-16	2016-17	2017-18	2018-19
		24.03.2014 to 29.03.2014	30.03.2014 to 31.03.2014	01.04.2014 to 05.06.2014	06.06.2014 to 31.03.2015				
1	2	3		4		6	7	8	9
1	Gross Normative loan - Opening	87,201.87	131,003.96	131,003.22	177,704.21	179,772.92	182,891.64	185,905.79	187,662.73
2	Cumulative repayment of Normative loan upto previous year	0	102.64	154.03	1,850.09	12,250.82	25,094.98	38,073.69	51,136.11
3	<b>Net Normative loan - Opening</b>	<b>87,201.87</b>	<b>130,901.32</b>	<b>130,849.19</b>	<b>175,854.12</b>	<b>167,522.10</b>	<b>157,796.65</b>	<b>147,832.10</b>	<b>136,526.62</b>
4	Add: Increase due to addition during the year / period			0.00	1,505.60	1,419.21	2,267.35	1,577.33	1,400.43
5	Less: Decrease due to de-capitalisation during the year / period			0.00	1,210.04	59.27	77.02	7.09	8.73
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			0.00	1,773.16	1,758.78	823.82	186.70	238.68
	Less Repayment during the year	102.64	51.40	1,696.06	10,400.73	12,844.17	12,978.70	13,062.42	13,168.86
8	<b>Net Normative loan - Closing</b>	<b>87,099.24</b>	<b>130,849.92</b>	<b>129,153.13</b>	<b>167,522.10</b>	<b>157,796.65</b>	<b>147,832.10</b>	<b>136,526.62</b>	<b>124,988.15</b>
9	<b>Average Normative loan</b>	<b>87150.55</b>	<b>130875.62</b>	130001.16	171688.11	162659.37	152814.38	142179.36	130757.38
10	Weighted average rate of interest	9.72%	9.71%	9.717%	9.622%	9.461%	9.211%	8.228%	8.105%
11	<b>Interest on Loan (annualized)</b>	<b>8468.15</b>	<b>12709.75</b>	12631.81	16519.96	15389.92	14075.38	11699.16	10597.41
12	<b>Interest on Loan (Pro-rata)</b>	<b>139.20</b>	<b>69.64</b>	<b>2284.09</b>	<b>13532.80</b>	<b>15389.92</b>	<b>14075.38</b>	<b>11699.16</b>	<b>10597.41</b>

For DSP & Associates  
Chartered Accountants

For NHPC Limited

  
 (M G Gokhale)  
 GM (Comm)

## Calculation of Interest on Working Capital

Name of the Petitioner : NHPC Limited  
Name of the Generating Station : Parbati-III Power Station

(Amount in Rs. Lakhs)

Sl. No.	Particulars	2014-15		2015-16	2016-17	2017-18	2018-19
		01.04.2014 to 05.06.2014 (for 3 units)	06.06.2014 to 31.03.2015 (for 4 units)				
		66 days	299 days				
1	2	4	5	6	7	8	
1	O & M Expenses	70.30	457.82	595.99	635.56	677.76	722.76
2	Maintenance Spares	126.54	824.07	1,072.77	1,144.01	1,219.97	1,300.97
3	Receivables	1,192.04	7,303.31	8,872.96	8,780.15	8,534.14	8,496.98
4	Total Working Capital	1,388.87	8,585.21	10,541.72	10,559.71	10,431.87	10,520.71
5	Rate of Interest	13.50%	13.50%	13.50%	13.50%	13.50%	13.50%
6	Interest on Working Capital	187.50	1,159.00	1,423.13	1,425.56	1,408.30	1,420.30

For DSP & Associates  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
GM (Comml)

Other Income as on actual /anticipated COD

Name of the Petitioner : NHPC Limited  
Name of the Generating Station : Parbati-III Power station

(Amount in Lakhs)

Sl. No.	Particulars	HOA	06.06.2014
1	2	3	4
1	Income from generation of electricity – Pre commisioning	437570	82.3
2	Interest on loans and advances	437571	1581.36
3	Miscellaneous receipts	437572	321.1
4	Profit on sale of assets	437573	0
5	Provision/Liability not required written back	437574	3440.07
6	Hire charges/ outturn on plant and machinery	437575	61.32
...	<b>Total</b>		<b>5486.15</b>
...	...		

For S.N. DHAWAN & CO. LLP  
Chartered Accountants  
FRN: 060050N / N500045

S.K. Khattar  
Partner  
M.No. 084993  
17/11/2016



For NHPC Limited

(A K Pandey)  
CE (Comm)  
Commercial Division



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## Incidental Expenditure during Construction

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Parbati-III Power station

(Amount in Lakhs)

Sl. No.	Particulars	Up to Schedule COD(Nov-10)	Upto actual/anticipated COD(06.06.2014)
1	2	7	8
<b>A</b>	<b>Expenses:</b>		
1	Employees' Benefits Expenses	9921.15	21227.73
2	Repair and Maintenance	8291.42	16995.01
2	Finance Costs	8123.76	43072.16
3	Water Charges		
4	Communication Expenses	included in above sl no.2	
5	Power Charges	included in above sl no.2	
6	Other Office and Administrative Expenses	included in above sl no.2	
7	Others (Please Specify Details)		
7(a)	Provisions	0	129.47
7(b)	Depreciation	528.38	1064.24
7(c)	Prior Period Exp.	-127.68	52.29
7(d)	Corp. Office Exp.	6846.07	15608.55
8	Other pre-Operating Expenses		
	<b>Total Expenses (A)</b>	<b>33583.1</b>	<b>98149.45</b>
<b>B</b>	<b>Total Expenses</b>		
	Less: Income from generation of electricity – Pre commissioning		82.3
	Less: Interest on loans and advances	1434.23	1581.36
	Less: Miscellaneous receipts	179.36	321.1
	Less: Profit on sale of assets	0	0
	Less: Provision/Liability not required written back	2717.55	3440.07
	Less: Hire charges/ outturn on plant and machinery	13.99	61.32
	Sub-Total (B)	<b>4345.13</b>	<b>5486.15</b>
	Total (A - B)	<b>29237.97</b>	<b>92663.3</b>
Note:-	<b>Reconciliation With Form-9E</b>		
	IEDC without IDC & FC as per Form-13D		<b>49591.14</b>
	IEDC as per Form-9E		<b>49591.14</b>

For S.N. DHAWAN &amp; CO. LLP

Chartered Accountants

FRN: 000050N / N500045

S.K. Khattar

Partner

M.No. 084993

17/11/2016



For NHPC Limited

(A K Pandey)

CE (Comml)

Commercial Division

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Name of the Petitioner  
Name of the Generating Station

NHPC Limited  
Parbati-III Power station

(Rs in Lac)

Draw Down Schedule for Calculation of IDC & Financing Charges

Sl. No.	Draw Down/ Particular	2002-03					2003-04				
		Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL	Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL
1	Loans										
1.2	Indian Loans										
1.2.1	LIC 6500 CR										
	Draw down Amount										
	IDC										
	Financing charges					0					0
1.2.2	UCO BANK										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.3	CORPORATION BANK										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.4	Punjab & Sind Bank										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.5	INDIAN OVERSEAS Bank										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.6	CANARA Bank										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.7	SYNDICATE BANK										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.8	STATE BANK OF INDIA										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.9	STATE BANK OF HYDERABAD										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.10	Normative Loan (IR Deployed)										
	Draw down Amount				642.44	642.44				327.63	327.63
	IDC				62.85	62.85				74.00	74.00
	Financing charges					0.00					0.00
	<b>TOTAL</b>										
	Draw down Amount	0.00	0.00	0.00	542.44	642.44	0.00	0.00	0.00	327.63	327.63
	IDC	0.00	0.00	0.00	62.85	62.85	0.00	0.00	0.00	74.00	74.00
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.20	Q-Series Bonds										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.21	R2-Series Bonds										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.22	1A-Series Tax Free Bonds										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.23	1B-Series Tax Free Bonds										
	Draw down Amount										
	IDC										
	Financing charges										
1.2	<b>Total Indian Loans</b>										
	Draw down Amount	0.00	0.00	0.00	542.44	642.44	0.00	0.00	0.00	327.63	327.63
	IDC	0.00	0.00	0.00	62.85	62.85	0.00	0.00	0.00	74.00	74.00
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.1	Foreign equity drawn										
3.2	Indian equity drawn		0	0	232.476	232.476				140.412	140.412
	<b>Total equity deployed</b>	0	0	0	232.476	232.476	0	0	0	140.412	140.412

Notes:-

1. Drawal of debt and equity shall be on perpassu basis quarterwise 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 capitalization ratio used to be furnished.

4. Details calculation of IDC (Actual draw and deployment dates and amount, rates of interest, etc) should be furnished.

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NEW DELHI  
REGISTERED ACCOUNTANTS

NHPC LIMITED  
FARIDABAD

Name of the Petitioner  
Name of the Generating Station

NHPC Limited  
Parbati-III Power station

(Rs in Lac)

Sl. No.	Draw Down/ Particular	2004-05					2005-06				
		Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL	Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL
<b>1</b>	<b>Loans</b>										
<b>1.2</b>	<b>Indian Loans</b>										
<b>1.2.1</b>	<b>LIC 8500 CR</b>										
	Draw down Amount	0	0	0	0	0	0	0	0	0	0
	IDC	0	0	0	0	0	0	0	0	0	0
	Financing charges	0	0.15	1.61	57.01	58.77	4.76	0.53	69.93	0.53	76.76
<b>1.2.2</b>	<b>UCO BANK</b>										
	Draw down Amount	0	0	0	0	0	0	0	0	0	0
	IDC	0	0	0	0	0	0	0	0	0	0
	Financing charges	0	0	0	0	0	0	0	0	0	0
<b>1.2.3</b>	<b>CORPORATION BANK</b>										
	Draw down Amount	0	0	0	0	0	0	0	0	0	0
	IDC	0	0	0	0	0	0	0	0	0	0
	Financing charges	0	0	0	0	0	0	0	0	0	0
<b>1.2.4</b>	<b>Punjab &amp; Sind Bank</b>										
	Draw down Amount	0	0	0	0	0	0	0	0	0	0
	IDC	0	0	0	0	0	0	0	0	0	0
	Financing charges	0	0	0	0	0	0	0	0	0	0
<b>1.2.5</b>	<b>INDIAN OVERSEAS Bank</b>										
	Draw down Amount	0	0	0	0	0	0	0	0	0	0
	IDC	0	0	0	0	0	0	0	0	0	0
	Financing charges	0	0	0	0	0	0	0	0	0	0
<b>1.2.6</b>	<b>CANARA Bank</b>										
	Draw down Amount	0	0	0	0	0	0	0	0	0	0
	IDC	0	0	0	0	0	0	0	0	0	0
	Financing charges	0	0	0	0	0	0	0	0	0	0
<b>1.2.7</b>	<b>SYNDICATE BANK</b>										
	Draw down Amount	0	0	0	0	0	0	0	0	0	0
	IDC	0	0	0	0	0	0	0	0	0	0
	Financing charges	0	0	0	0	0	0	0	0	0	0
<b>1.2.8</b>	<b>STATE BANK OF INDIA</b>										
	Draw down Amount										
	IDC										
	Financing charges										
<b>1.2.9</b>	<b>STATE BANK OF HYDERABAD</b>										
	Draw down Amount										
	IDC										
	Financing charges										
<b>1.2.10</b>	<b>Normative Loan (IR Deployed)</b>										
	Draw down Amount				1477.83	1477.83	0.00	0.00	0.00	3534.73	3534.73
	IDC				147.00	147.00	0.00	0.00	0.00	333.00	333.00
	Financing charges				0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>TOTAL</b>										
	Draw down Amount	0.00	0.00	0.00	1477.83	1477.83	0.00	0.00	0.00	3534.73	3534.73
	IDC	0.00	0.00	0.00	147.00	147.00	0.00	0.00	0.00	333.00	333.00
	Financing charges	0.00	0.15	1.61	57.01	58.77	4.76	0.53	69.93	0.53	76.76
<b>1.2.20</b>	<b>Q-Series Bonds</b>										
	Draw down Amount										
	IDC										
	Financing charges										
<b>1.2.21</b>	<b>R2-Series Bonds</b>										
	Draw down Amount										
	IDC										
	Financing charges										
<b>1.2.22</b>	<b>1A-Series Tax Free Bonds</b>										
	Draw down Amount										
	IDC										
	Financing charges										
<b>1.2.23</b>	<b>1B-Series Tax Free Bonds</b>										
	Draw down Amount										
	IDC										
	Financing charges										
<b>1.2</b>	<b>Total Indian Loans</b>										
	Draw down Amount	0.00	0.00	0.00	1477.83	1477.83	0.00	0.00	0.00	3534.73	3534.73
	IDC	0.00	0.00	0.00	147.00	147.00	0.00	0.00	0.00	333.00	333.00
	Financing charges	0.00	0.15	1.61	57.01	58.77	4.76	0.53	69.93	0.53	76.76
<b>3.1</b>	<b>Foreign equity drawn</b>										
<b>3.2</b>	<b>Indian equity drawn</b>		0	0	633.354	633.354				1514.886	1514.886
	<b>Total equity deployed</b>	0	0	0	633.354	633.354	0	0	0	1514.886	1514.886

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Name of the Petitioner  
Name of the Generating Station

NHPC Limited  
Parbatl-III Power station

(Rs in Lac)

Sl. No.	Draw Down/ Particular	2006-07					2007-08				
		Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL	Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL
1	Loans										
1.2	Indian Loans										
1.2.1	LIC 8500 CR										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	9353.00	0.00	16500.00	26853.00
	IDC	0.00	0.00	0.00	0.00	0.00	0.00	88.71	214.77	527.39	830.87
	Financing charges	0.00	0.00	0.00	0.62	0.62	0.00	0.00	3.82	11.04	14.86
1.2.2	UCO BANK										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	IDC							0.00	0.00	0.00	0.00
	Financing charges							0.00	0.00	0.00	0.00
1.2.3	CORPORATION BANK										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	IDC	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	Financing charges		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
1.2.4	Punjab & Sind Bank										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	IDC	0.00	0.00	0.00	0.00	0.00				0.00	0.00
	Financing charges		0.00	0.00	0.00	0.00		0.00		0.00	0.00
1.2.5	INDIAN OVERSEAS Bank										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	IDC	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
	Financing charges		0.00	0.00	0.00	0.00		0.00		0.00	0.00
1.2.6	CANARA Bank										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	IDC	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
	Financing charges		0.00	0.00	0.00	0.00		0.00		0.00	0.00
1.2.7	SYNDICATE BANK										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	IDC	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00
	Financing charges		0.00	0.00	0.00	0.00		0.00		0.00	0.00
1.2.8	STATE BANK OF INDIA										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.9	STATE BANK OF HYDERABAD										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.10	Normative Loan (R Deployed)										
	Draw down Amount	0.00	0.00	0.00	9066.86	9066.86		0.00	0.00	-12305.40	-12305.40
	IDC	0.00	0.00	0.00	830.00	830.00		0.00	0.00	719.00	719.00
	Financing charges		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	TOTAL										
	Draw down Amount	0.00	0.00	0.00	9066.86	9066.86	0.00	9353.00	0.00	4194.60	13547.60
	IDC	0.00	0.00	0.00	830.00	830.00	0.00	88.71	214.77	1246.39	1549.87
	Financing charges	0.00	0.00	0.00	0.62	0.62	0.00	0.00	3.82	11.04	14.86
1.2.20	Q-Series Bonds										
	Draw down Amount					0.00					0.00
	IDC					0.00					0.00
	Financing charges					0.00					0.00
1.2.21	R2-Series Bonds										
	Draw down Amount					0.00					0.00
	IDC					0.00					0.00
	Financing charges					0.00					0.00
1.2.22	1A-Series Tax Free Bonds										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.23	1B-Series Tax Free Bonds										
	Draw down Amount										
	IDC										
	Financing charges										
1.2	Total Indian Loans										
	Draw down Amount	0.00	0.00	0.00	9066.86	9066.86	0.00	9353.00	0.00	4194.60	13547.60
	IDC	0.00	0.00	0.00	830.00	830.00	0.00	88.71	214.77	1246.39	1549.87
	Financing charges	0.00	0.00	0.00	0.62	0.62	0.00	0.00	3.82	11.04	14.86
3.1	Foreign equity drawn										
3.2	Indian equity drawn				3885.80	3885.798				5806.11	5806.113
	Total equity deployed	0	0	0	3885.798	3885.798	0	0	0	5806.113	5806.113

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Name of the Petitioner  
Name of the Generating Station

NHPC Limited  
Parbat-II Power station

(Rs in Lac)

Sl. No.	Draw Down/ Particular	2008-09					2009-10				
		Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL	Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL
1	<b>Loans</b>										
1.2	<b>Indian Loans</b>										
1.2.1	<b>LIC 6600 CR</b>										
	Draw down Amount	5300.00	0.00	0.00	0.00	5300.00	0.00	0.00	0.00	0.00	0.00
	IDC	578.52	714.10	714.10	698.57	2705.29	706.33	714.10	714.10	698.57	2833.10
	Financing charges	14.11	7.13	0.00	69.80	91.04	1.30	13.79	0.00	26.07	41.16
1.2.2	<b>UCO BANK</b>										
	Draw down Amount	0.00	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	IDC	0.00	0		0	0.00	0.00	0.00	0.00	0.00	0.00
	Financing charges	0.00	0		0	0.00	0.00	0.00	0.00	0.00	0.00
1.2.3	<b>CORPORATION BANK</b>										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.4	<b>Punjab &amp; Sind Bank</b>										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	IDC	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Financing charges	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.5	<b>INDIAN OVERSEAS Bank</b>										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	IDC	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Financing charges	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.6	<b>CANARA Bank</b>										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	IDC	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Financing charges	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.7	<b>SYNDICATE BANK</b>										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	IDC	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Financing charges	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.8	<b>STATE BANK OF INDIA</b>										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.9	<b>STATE BANK OF HYDERABAD</b>										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.10	<b>Normative Loan (IR Deployed)</b>										
	Draw down Amount	0.00	0.00	0.00	15066.26	15066.26	3662.25	3864.75	4178.56	8545.70	20351.25
	IDC	0.00	0.00	0.00	932.00	932.00	459.00	545.00	644.00	774.00	2422.00
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	<b>TOTAL</b>										
	Draw down Amount	5300.00	0.00	0.00	15066.26	20366.26	3662.25	3864.75	4178.56	8545.70	20351.25
	IDC	578.52	714.10	714.10	1630.57	3637.29	1165.33	1259.10	1358.10	1472.57	5255.10
	Financing charges	14.11	7.13	0.00	69.80	91.04	1.30	13.79	0.00	26.07	41.16
1.2.20	<b>Q-Series Bonds</b>										
	Draw down Amount	0.00				0.00	0.00			0.00	0.00
	IDC	0.00				0.00	0.00			0.00	0.00
	Financing charges	0.00				0.00	0.00			0.00	0.00
1.2.21	<b>R2-Series Bonds</b>										
	Draw down Amount	0.00				0.00	0.00			0.00	0.00
	IDC	0.00				0.00	0.00			0.00	0.00
	Financing charges	0.00				0.00	0.00			0.00	0.00
1.2.22	<b>1A-Series Tax Free Bonds</b>										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.23	<b>1B-Series Tax Free Bonds</b>										
	Draw down Amount										
	IDC										
	Financing charges										
1.2	<b>Total Indian Loans</b>										
	Draw down Amount	5300.00	0.00	0.00	15066.26	20366.26	3662.25	3864.75	4178.56	8545.70	20351.25
	IDC	578.52	714.10	714.10	1630.57	3637.29	1165.33	1259.10	1358.10	1472.57	5255.10
	Financing charges	14.11	7.13	0.00	69.80	91.04	1.30	13.79	0.00	26.07	41.16
3.1	<b>Foreign equity drawn</b>										
					8728.40	8728.395	1569.53	1656.32	1790.81	3705.30	8721.988
3.2	<b>Indian equity drawn</b>										
					8728.40	8728.395	1569.53	1656.32	1790.81	3705.30	8721.988
	<b>Total equity deployed</b>	0	0	0	8728.395	8728.395	1569.534	1656.321	1790.811	3705.3	8721.966



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Name of the Petitioner  
Name of the Generating Station

NHPC Limited  
Parbati-III Power station

(Rs in Lac)

Sl. No.	Draw Down/ Particular	2010-11					2011-12				
		Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL	Qtr1	Qtr. 2	Qtr. 3	Qtr. 4	TOTAL
1	Loans										
1.2	Indian Loans										
1.2.1	LIC 6500 CR										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	IDC	706.33	714.10	714.10	698.57	2833.10	706.33	714.10	714.10	706.33	2840.86
	Financing charges	5.43	20.01	0.00	23.12	66.66	22.92	3.75	0.00	36.28	62.95
1.2.2	UCO BANK										
	Draw down Amount	0.00	20000.00	0.00	0.00	20000.00	0.00	0.00			0.00
	IDC	0.00	32.88	433.95	461.10	928.03	466.22	471.34	472.44	565.95	1975.95
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00
1.2.3	CORPORATION BANK										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5973.00	5973.00
	IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	149.88	149.88
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.4	Punjab & Sind Bank										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7000.00	7000.00
	IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	154.62	154.62
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.5	INDIAN OVERSEAS Bank										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15000.00	15000.00
	IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	336.75	336.75
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.6	CANARA Bank										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15000.00	15000.00
	IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	335.75	335.75
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.7	SYNDICATE BANK										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2227.00	2227.00
	IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.70	38.70
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.8	STATE BANK OF INDIA										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.9	STATE BANK OF HYDERABAD										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.10	Normative Loan (IR Deployed)										
	Draw down Amount	4820.68	-15375.83	8172.38	11609.86	9227.10	6104.60	4825.80	5362.00	-45713.54	-29421.13
	IDC	946.00	877.00	739.00	840.00	3602.00	1190.00	1320.00	1441.00	678.00	4627.00
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL										
	Draw down Amount	4820.68	4624.17	8172.38	11609.86	29227.10	6104.60	4825.80	5362.00	-513.54	15778.87
	IDC	1652.33	1724.08	1887.04	2098.67	7363.13	2362.55	2505.44	2627.53	2962.99	10458.61
	Financing charges	5.43	28.01	0.00	23.12	66.66	22.92	3.75	0.00	36.28	62.95
1.2.20	Q-Series Bonds										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00		9000.00	9000.00
	IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00		45.61	45.61
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00		4.86	4.86
1.2.21	R2-Series Bonds										
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
	IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
1.2.22	1A-Series Tax Free Bonds										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.23	1B-Series Tax Free Bonds										
	Draw down Amount										
	IDC										
	Financing charges										
1.2	Total Indian Loans										
	Draw down Amount	4820.68	4624.17	8172.38	11609.86	29227.10	6104.60	4825.80	5362.00	8486.46	24778.87
	IDC	1652.33	1724.08	1887.04	2098.67	7363.13	2362.55	2505.44	2627.53	3008.60	10504.12
	Financing charges	5.43	28.01	0.00	23.12	66.66	22.92	3.75	0.00	41.14	67.81
3.1	Foreign equity drawn										
3.2	Indian equity drawn	2066.01	1981.79	3502.45	4975.65	12525.0	2616.26	2068.20	2298.00	3637.06	10619.51
	Total equity deployed	2066.0078	1981.788	3502.449	4975.655	12525.9	2616.26	2068.20	2298.00	3637.056	10619.51

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Name of the Petitioner  
Name of the Generating Station

NHPC Limited  
Parbati-III Power station

(Rs in Lac)

Sl. No.	Draw Down/ Particular	2012-13					2013-14				
		Qtr1	Qtr. 2	Qtr. 3	Qtr. 4	TOTAL	Qtr1	Qtr2	Qtr3	Qtr 4 (upto 23/03/2014) Construction 4 Unit	
1	Loans										
1.2	Indian Loans										
1.2.1	LIC 6500 CR										
	Draw down Amount	-1298.04	0.00	-1298.04	0.00	-2596.08	-1298.04	0.00	-1298.04	0.00	
	IDC	688.08	686.14	666.03	642.04	2682.29	629.07	626.47	606.37	531.79	
	Financing charges	1.90	6.60	6.60	17.91	33.01	0.00	0.00	0.00	34.86	
1.2.2	UCO BANK										
	Draw down Amount			-833.33		-833.33	-833.33	0.00	-833.33	0.00	
	IDC	565.85	572.16	571.46	486.51	2196.08	487.18	471.34	471.11	401.01	
	Financing charges					0.00				11.52	
1.2.3	CORPORATION BANK										
	Draw down Amount	0.00	0.00	0.00		0.00	0.00				
	IDC	157.10	158.08	158.08	152.43	625.69	152.64	154.32	154.32	137.54	
	Financing charges					0.00					
1.2.4	Punjab & Sind Bank										
	Draw down Amount	0.00	0.00			0.00	0.00				
	IDC	184.68	185.26	185.26	179.75	734.95	178.88	160.85	160.65	161.19	
	Financing charges					0.00					
1.2.5	INDIAN OVERSEAS Bank										
	Draw down Amount	5000.00	0.00			5000.00	0.00				
	IDC	401.51	529.32	529.32	512.05	1972.19	511.10	516.71	516.71	460.55	
	Financing charges					0.00					
1.2.6	CANARA Bank										
	Draw down Amount	0.00	0.00			0.00	0.00				
	IDC	395.75	396.98	396.89	382.60	1672.33	412.81	347.57	376.19	343.73	
	Financing charges					0.00					
1.2.7	SYNDICATE BANK										
	Draw down Amount	0.00	0.00			0.00	0.00				
	IDC	58.76	58.94	58.94	56.94	233.58	56.91	57.54	57.54	51.28	
	Financing charges					0.00					
1.2.8	STATE BANK OF INDIA										
	Draw down Amount				10000.00	10000.00					
	IDC				11.17	11.17	254.05	257.17	262.38	235.67	
	Financing charges				59.60	59.60					
1.2.9	STATE BANK OF HYDERABAD										
	Draw down Amount				10000.00	10000.00		1875.00			
	IDC				11.18	11.18	254.30	271.38	305.30	272.12	
	Financing charges				2.54	2.54					
1.2.10	Normative Loan (IR Deployed)										
	Draw down Amount	2844.40	4073.03	7218.87	-38262.67	-24126.37	5453.90	2285.89	1637.60	17032.18	
	IDC	570.00	611.00	786.00	500.00	2467.00	-70.00	19.00	70.00	137.00	
	Financing charges	0.00	0.00	0.00		0.00	0.00				
	TOTAL										
	Draw down Amount	6546.36	4073.03	5087.49	-18262.67	-2555.76	3322.53	4160.80	-293.78	17032.18	
	IDC	3021.83	3197.88	3352.07	2936.68	12608.46	2865.94	2902.35	3000.76	2731.88	
	Financing charges	1.90	6.60	6.60	80.06	95.16	0.00	0.00	0.00	46.38	
1.2.20	Q-Series Bonds										
	Draw down Amount	0.00	0.00			0.00	0.00	0.00	0.00		
	IDC	207.55	209.84	209.84	205.27	832.50	207.55	209.84	209.84	187.03	
	Financing charges	1.87	1.00	1.00		3.87	1.00	1.00	1.00		
1.2.21	R2-Series Bonds										
	Draw down Amount	0.00	0.00		24792.00	24792.00	0.00	0.00	0.00		
	IDC	0.00	0.00	0.00	294.55	294.55	547.02	553.03	553.03	492.82	
	Financing charges	0.00	0.00	0.00	36.06	36.06	1.00	1.00	0.00		
1.2.22	1A-Series Tax Free Bonds										
	Draw down Amount								1481.36		
	IDC								19.91	27.21	
	Financing charges								10.72	3.02	
1.2.23	1B-Series Tax Free Bonds										
	Draw down Amount								3200.00		
	IDC								44.33	60.60	
	Financing charges								11.76	2.23	
1.2	Total Indian Loans										
	Draw down Amount	6546.36	4073.03	5087.49	6529.33	22236.22	3322.53	4160.80	4387.59	17032.18	
	IDC	3229.38	3407.72	3561.91	3436.60	13635.61	3621.61	3665.22	3827.87	3499.64	
	Financing charges	3.77	7.60	7.60	118.11	135.88	2.00	2.00	23.48	61.63	
3.1	Foreign equity drawn										
3.2	Indian equity drawn	2805.60	1745.59	2537.51	2441.29	9529.99	1781.10	1426.20	1880.40	7299.51	
	Total equity deployed	2805.60	1745.59	2537.51	2441.29	9529.99	1781.10	1426.20	1880.40	7299.51	



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Name of the Petitioner  
Name of the Generating Station

NHPC Limited  
Parbat-II Power station

PART-II  
FORM-14

Draw Down Schedule for Calculation of IDC & Financing Charges  
(Rs in Lac)

Sl. No.	Draw Down/ Particular	Qtr 4 (upto 29/03/2014) Construction 2 Unit	Qtr 4 (upto 31/03/2014) Construction 1 Unit	2014-15 Qtr 1 (upto COD i.e. 06/08/2014) Construction 1 Unit	TOTAL	Cumulative Total
1	Loans					
1.2	Indian Loans					
1.2.1	LIC 0500 CR					
	Draw down Amount	0.00	0.00	-1298.04	-3894.13	24662.79
	IDC	19.46	3.24	104.01	2620.40	17245.91
	Financing charges				34.86	469.58
1.2.2	UCO BANK					
	Draw down Amount	0.00	0.00	0.00	-1866.87	17500.00
	IDC	14.87	2.45	80.69	1928.45	7030.51
	Financing charges				11.52	11.52
1.2.3	CORPORATION BANK					
	Draw down Amount				0.00	5973.00
	IDC	5.03	0.84	27.68	832.38	1407.93
	Financing charges				0.00	0.00
1.2.4	Punjab & Sind Bank					
	Draw down Amount				0.00	7000.00
	IDC	5.90	0.98	32.43	741.09	1630.66
	Financing charges				0.00	0.00
1.2.5	INDIAN OVERSEAS Bank					
	Draw down Amount				0.00	20000.00
	IDC	16.85	2.81	82.67	2117.40	4425.34
	Financing charges				0.00	0.00
1.2.6	CANARA Bank					
	Draw down Amount				0.00	15000.00
	IDC	12.58	2.10	69.16	1664.13	3472.21
	Financing charges				0.00	0.00
1.2.7	SYNDICATE BANK					
	Draw down Amount				0.00	2227.00
	IDC	1.88	0.31	10.32	235.77	508.05
	Financing charges				0.00	0.00
1.2.8	STATE BANK OF INDIA					
	Draw down Amount				0.00	10000.00
	IDC	8.62	1.44	47.42	1086.76	1077.92
	Financing charges				0.00	59.60
1.2.9	STATE BANK OF HYDERABAD					
	Draw down Amount				1875.00	11875.00
	IDC	9.96	1.66	54.76	1168.47	1180.65
	Financing charges				0.00	2.54
1.2.10	Normative Loan (IR Deployed)					
	Draw down Amount	906.22	82.60	3654.21	31282.52	24993.72
	IDC	18.00	3.00	153.00	330.00	16546.85
	Financing charges				0.00	0.00
	TOTAL					
	Draw down Amount	906.22	82.60	2356.17	27566.73	139231.51
	IDC	112.93	18.82	672.14	12305.82	64525.03
	Financing charges	0.00	0.00	0.00	46.38	543.24
						0.00
1.2.20	Q-Series Bonds					
	Draw down Amount				0.00	9000.00
	IDC	6.84	1.14	37.63	859.87	1737.98
	Financing charges				3.00	11.73
1.2.21	R2-Series Bonds					
	Draw down Amount				0.00	24792.00
	IDC	18.03	3.01	99.18	2206.23	2560.78
	Financing charges				2.00	38.06
1.2.22	1A-Series Tax Free Bonds					
	Draw down Amount				1481.36	1481.36
	IDC	0.99	0.16	5.48	63.76	63.76
	Financing charges				13.74	13.74
1.2.23	1B-Series Tax Free Bonds					
	Draw down Amount				3200.00	3200.00
	IDC	2.22	0.37	12.19	119.72	119.72
	Financing charges				13.99	13.99
1.2	Total Indian Loans					
	Draw down Amount	906.22	82.60	2356.17	32248.09	177704.87
	IDC	141.02	23.60	826.63	15606.39	58997.25
	Financing charges	0.00	0.00	0.00	79.11	620.76
3.1	Foreign equity drawn					
3.2	Indian equity drawn	388.38	35.40	1009.44	13820.43	76159.23
	Total equity deployed	388.38	35.40	1009.44	13820.43	76159.23

For S.N. DHAWAN & CO. LLP  
Chartered Accountants  
FRN: 000050N / 15600364  
S.K. Khattar  
Partner  
M.No. 084993

17/11/2016

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For NHPC Limited

(A K Pandey)  
CE (Comm)  
Commercial Division



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Calculation of Interest taken in Form 14

(Figures in lacs)

Sl. No.	Principal	From	to	Days	Interest Rate (%)	Interest	Interest	
							Total	Intt. in form 14 (Construction)
1	LIC							
	9353	24-Aug-07	30-Sep-07	38	9.11%	88.71	88.71	88.71
	9353	1-Oct-07	31-Dec-07	92	9.11%	214.77	214.77	214.77
	9353	1-Jan-08	31-Mar-08	91	9.11%	212.43	527.39	527.39
	14000	2-Jan-08	31-Mar-08	90	8.88%	306.54		
	2500	18-Mar-08	31-Mar-08	14	8.78%	8.42		
	9353	1-Apr-08	30-Jun-08	91	9.11%	212.43	578.52	578.52
	14000	1-Apr-08	30-Jun-08	91	8.88%	309.95		
	2500	1-Apr-08	30-Jun-08	91	8.78%	54.72		
	5300	30-Jun-08	30-Jun-08	1	9.78%	1.42		
	9353	1-Jul-08	30-Sep-08	92	9.11%	214.77	714.10	714.10
	14000	1-Jul-08	30-Sep-08	92	8.88%	313.35		
	2500	1-Jul-08	30-Sep-08	92	8.78%	55.33		
	5300	1-Jul-08	30-Sep-08	92	9.78%	130.65		
	9353	1-Oct-08	31-Dec-08	92	9.11%	214.77	714.10	714.10
	14000	1-Oct-08	31-Dec-08	92	8.88%	313.35		
	2500	1-Oct-08	31-Dec-08	92	8.78%	55.33		
	5300	1-Oct-08	31-Dec-08	92	9.78%	130.65		
	9353	1-Jan-09	31-Mar-09	90	9.11%	210.10	698.57	698.57
	14000	1-Jan-09	31-Mar-09	90	8.88%	306.54		
	2500	1-Jan-09	31-Mar-09	90	8.78%	54.12		
	5300	1-Jan-09	31-Mar-09	90	9.78%	127.81		
	9353	1-Apr-09	30-Jun-09	91	9.11%	212.43	706.33	706.33
	14000	1-Apr-09	30-Jun-09	91	8.88%	309.95		
	2500	1-Apr-09	30-Jun-09	91	8.78%	54.72		
	5300	1-Apr-09	30-Jun-09	91	9.78%	129.23		
	9353	1-Jul-09	30-Sep-09	92	9.11%	214.77	714.10	714.10
	14000	1-Jul-09	30-Sep-09	92	8.88%	313.35		
	2500	1-Jul-09	30-Sep-09	92	8.78%	55.33		
	5300	1-Jul-09	30-Sep-09	92	9.78%	130.65		
	9353	1-Oct-09	31-Dec-09	92	9.11%	214.77	714.10	714.10
	14000	1-Oct-09	31-Dec-09	92	8.88%	313.35		
	2500	1-Oct-09	31-Dec-09	92	8.78%	55.33		
	5300	1-Oct-09	31-Dec-09	92	9.78%	130.65		
	9353	1-Jan-10	31-Mar-10	90	9.11%	210.10	698.57	698.57
	14000	1-Jan-10	31-Mar-10	90	8.88%	306.54		
	2500	1-Jan-10	31-Mar-10	90	8.78%	54.12		
	5300	1-Jan-10	31-Mar-10	90	9.78%	127.81		
	9353	1-Apr-10	30-Jun-10	91	9.11%	212.43	706.33	706.33
	14000	1-Apr-10	30-Jun-10	91	8.88%	309.95		
	2500	1-Apr-10	30-Jun-10	91	8.78%	54.72		
	5300	1-Apr-10	30-Jun-10	91	9.78%	129.23		
	9353	1-Jul-10	30-Sep-10	92	9.11%	214.77	714.10	714.10
	14000	1-Jul-10	30-Sep-10	92	8.88%	313.35		
	2500	1-Jul-10	30-Sep-10	92	8.78%	55.33		
	5300	1-Jul-10	30-Sep-10	92	9.78%	130.65		
	9353	1-Oct-10	31-Dec-10	92	9.11%	214.77	714.10	714.10
	14000	1-Oct-10	31-Dec-10	92	8.88%	313.35		
	2500	1-Oct-10	31-Dec-10	92	8.78%	55.33		
	5300	1-Oct-10	31-Dec-10	92	9.78%	130.65		
	9353	1-Jan-11	31-Mar-11	90	9.11%	210.10	698.57	698.57
	14000	1-Jan-11	31-Mar-11	90	8.88%	306.54		
	2500	1-Jan-11	31-Mar-11	90	8.78%	54.12		
	5300	1-Jan-11	31-Mar-11	90	9.78%	127.81		
	9353	1-Apr-11	30-Jun-11	91	9.11%	212.43	706.33	706.33
	14000	1-Apr-11	30-Jun-11	91	8.88%	309.95		
	2500	1-Apr-11	30-Jun-11	91	8.78%	54.72		
	5300	1-Apr-11	30-Jun-11	91	9.78%	129.23		
	9353	1-Jul-11	30-Sep-11	92	9.11%	214.77	714.10	714.10
	14000	1-Jul-11	30-Sep-11	92	8.88%	313.35		
	2500	1-Jul-11	30-Sep-11	92	8.78%	55.33		
	5300	1-Jul-11	30-Sep-11	92	9.78%	130.65		
	9353	1-Oct-11	31-Dec-11	92	9.11%	214.77	714.10	714.10
	14000	1-Oct-11	31-Dec-11	92	8.88%	313.35		
	2500	1-Oct-11	31-Dec-11	92	8.78%	55.33		
	5300	1-Oct-11	31-Dec-11	92	9.78%	130.65		
	9353	1-Jan-12	31-Mar-12	91	9.11%	212.43	706.33	706.33
	14000	1-Jan-12	31-Mar-12	91	8.88%	309.95		
	2500	1-Jan-12	31-Mar-12	91	8.78%	54.72		
	5300	1-Jan-12	31-Mar-12	91	9.78%	129.23		
	31153	1-Apr-12	29-Apr-12	29	9.118%	225.69	688.08	688.08
	29854.96	30-Apr-12	30-Jun-12	62	9.118%	462.40		
	29854.96	1-Jul-12	30-Sep-12	92	9.118%	686.14	686.14	686.14
	29854.96	1-Oct-12	30-Oct-12	30	9.118%	223.74	666.03	666.03
	28556.92	31-Oct-12	31-Dec-12	62	9.118%	442.29		
	28556.92	1-Jan-13	31-Mar-13	90	9.118%	642.04	642.04	642.04
	28556.92	1-Apr-13	29-Apr-13	29	9.118%	206.88	629.07	629.07
	27258.88	30-Apr-13	30-Jun-13	62	9.118%	422.19		
	27258.88	1-Jul-13	30-Sep-13	92	9.118%	626.47	626.47	626.47
	27258.88	1-Oct-13	30-Oct-13	30	9.118%	204.28	606.37	606.37
	25960.83	31-Oct-13	31-Dec-13	62	9.118%	402.08		
	25960.83	1-Jan-14	23-Mar-14	82	9.118%	531.79	531.79	531.79
	25960.83	24-Mar-14	29-Mar-14	6	9.118%	38.91	38.91	19.46

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	25960.83	30-Mar-14	3/31/2014	2	9.118%	12.97	12.97	3.24
	25960.83	1-Apr-14	29-Apr-14	29	9.118%	188.07	416.03	104.01
	24662.79	30-Apr-14	5-Jun-14	37	9.118%	227.98		
						17587.11	17587.11	17245.91
<b>2 UCO BANK</b>								
	20000	24-Sep-10	30-Sep-10	7	8.60%	32.99	32.99	32.99
	20000	1-Oct-10	30-Dec-10	91	8.60%	428.82	433.95	433.95
	20000	31-Dec-10	31-Dec-10	1	9.35%	5.12		
	20000	1-Jan-11	31-Mar-11	90	9.35%	481.10	481.10	481.10
	20000	1-Apr-11	30-Jun-11	91	9.35%	466.22	466.22	466.22
	20000	1-Jul-11	30-Sep-11	92	9.35%	471.34	471.34	471.34
	20000	1-Oct-11	30-Dec-11	91	9.35%	466.22	472.44	472.44
	20000	31-Dec-11	31-Dec-11	1	11.35%	6.22		
	20000	1-Jan-12	31-Mar-12	91	11.35%	565.95	565.95	565.95
	20000	1-Apr-12	30-Jun-12	91	11.35%	565.95	565.95	565.95
	20000	1-Jul-12	30-Sep-12	92	11.35%	572.18	572.18	572.18
	20000	1-Oct-12	30-Dec-12	91	11.35%	565.95	571.46	571.46
	19166.67	31-Dec-12	31-Dec-12	1	10.50%	5.51		
	19166.67	1-Jan-13	10-Feb-13	41	10.50%	226.06	488.51	488.51
	19166.67	11-Feb-13	31-Mar-13	49	10.20%	262.45		
	19166.67	1-Apr-13	29-Jun-13	90	10.20%	482.05	487.18	487.18
	18333.33	30-Jun-13	30-Jun-13	1	10.20%	5.12		
	18333.33	1-Jul-13	30-Sep-13	92	10.20%	471.34	471.34	471.34
	18333.33	1-Oct-13	30-Dec-13	91	10.20%	466.22	471.11	471.11
	17500.00	31-Dec-13	31-Dec-13	1	10.20%	4.89		
	17500.00	1-Jan-14	23-Mar-14	82	10.20%	401.01	401.01	401.01
	17500.00	24-Mar-14	29-Mar-14	6	10.20%	29.34	29.34	14.67
	17500.00	30-Mar-14	31-Mar-14	2	10.20%	9.78	9.78	2.45
	17500.00	1-Apr-14	5-Jun-14	66	10.20%	322.77	322.77	80.69
						7294.69	7294.69	7030.61
<b>3 Corporation Bank</b>								
	5973.00	6-Jan-12	31-Mar-12	86	10.65%	149.88	149.88	149.88
	5973.00	1-Apr-12	30-Apr-12	30	10.65%	52.28	157.10	157.10
	5973.00	1-May-12	30-Jun-12	61	10.60%	104.81		
	5973.00	1-Jul-12	30-Sep-12	92	10.50%	158.08	158.08	158.08
	5973.00	1-Oct-12	31-Dec-12	92	10.50%	158.08	158.08	158.08
	5973.00	1-Jan-13	5-Feb-13	36	10.50%	61.86	152.43	152.43
	5973.00	6-Feb-13	31-Mar-13	54	10.25%	90.58		
	5973.00	1-Apr-13	30-Jun-13	91	10.25%	152.64	152.64	152.64
	5973.00	1-Jul-13	30-Sep-13	92	10.25%	154.32	154.32	154.32
	5973.00	1-Oct-13	31-Dec-13	92	10.25%	154.32	154.32	154.32
	5973.00	1-Jan-14	23-Mar-14	82	10.25%	137.64	137.64	137.64
	5973.00	24-Mar-14	29-Mar-14	6	10.25%	10.06	10.06	5.03
	5973.00	30-Mar-14	31-Mar-14	2	10.25%	3.35	3.35	0.84
	5973.00	1-Apr-14	5-Jun-14	66	10.25%	110.71	110.71	27.68
						1498.61	1498.61	1407.93
<b>4 INDIAN OVERSEAS Bank</b>								
	15000.00	16-Jan-12	31-Mar-12	76	10.75%	335.75	335.75	335.75
	15000.00	1-Apr-12	30-Apr-12	30	10.75%	132.63	401.51	401.51
	15000.00	1-May-12	26-Jun-12	57	10.50%	245.96		
	20000.00	27-Jun-12	30-Jun-12	4	10.50%	23.01		
	20000.00	1-Jul-12	30-Sep-12	92	10.50%	529.32	529.32	529.32
	20000.00	1-Oct-12	31-Dec-12	92	10.50%	529.32	529.32	529.32
	20000.00	1-Jan-13	17-Feb-13	48	10.50%	276.16	512.05	612.05
	20000.00	18-Feb-13	31-Mar-13	42	10.25%	235.89		
	20000.00	1-Apr-13	30-Jun-13	91	10.25%	511.10	511.10	511.10
	20000.00	1-Jul-13	30-Sep-13	92	10.25%	516.71	516.71	516.71
	20000.00	1-Oct-13	31-Dec-13	92	10.25%	516.71	516.71	516.71
	20000.00	1-Jan-14	23-Mar-14	82	10.25%	460.55	460.55	460.55
	20000.00	24-Mar-14	29-Mar-14	6	10.25%	33.70	33.70	18.85
	20000.00	30-Mar-14	31-Mar-14	2	10.25%	11.23	11.23	2.81
	20000.00	1-Apr-14	5-Jun-14	66	10.25%	370.68	370.68	92.67
						4728.63	4728.63	4426.34



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5	Canara Bank							
	15000.00	16-Jan-12	31-Mar-12	76	10.75%	335.75	335.75	335.75
	15000.00	1-Apr-12	30-Apr-12	30	10.75%	132.53	395.75	395.75
	15000.00	1-May-12	30-Jun-12	61	10.50%	263.22		
	15000.00	1-Jul-12	30-Sep-12	92	10.50%	396.99	396.99	396.99
	15000.00	1-Oct-12	31-Dec-12	92	10.50%	396.99	396.99	396.99
	15000.00	1-Jan-13	3-Feb-13	34	10.50%	146.71	382.60	382.60
	15000.00	4-Feb-13	31-Mar-13	56	10.25%	235.89		
	15000.00	1-Apr-13	30-Jun-13	91	10.25%	383.32	412.81	412.81
	15000.00	1-Jul-13	7-Jul-13	7	10.25%	29.49		
	15000.00	8-Jul-13	30-Sep-13	85	9.95%	347.57	347.57	347.57
	15000.00	1-Oct-13	31-Dec-13	92	9.95%	376.19	376.19	376.19
	15000.00	1-Jan-14	23-Mar-14	82	10.20%	343.73	343.73	343.73
	15000.00	24-Mar-14	29-Mar-14	6	10.20%	25.15	25.15	12.58
	15000.00	30-Mar-14	31-Mar-14	2	10.20%	8.38	8.38	2.10
	15000.00	1-Apr-14	5-Jun-14	66	10.20%	276.66	276.66	69.16
						3698.67	3698.67	3472.21
6	Punjab & Sind Bank							
	7000.00	17-Jan-12	31-Mar-12	75	10.75%	154.62	154.62	154.62
	7000.00	1-Apr-12	30-Apr-12	30	10.75%	61.85	184.68	184.68
	7000.00	1-May-12	30-Jun-12	61	10.50%	122.84		
	7000.00	1-Jul-12	30-Sep-12	92	10.50%	185.26	185.26	185.26
	7000.00	1-Oct-12	31-Dec-12	92	10.50%	185.26	185.26	185.26
	7000.00	1-Jan-13	28-Feb-13	59	10.50%	118.81	179.75	179.75
	7000.00	1-Mar-13	31-Mar-13	31	10.25%	60.94		
	7000.00	1-Apr-13	30-Jun-13	91	10.25%	178.88	178.88	178.88
	7000.00	1-Jul-13	30-Sep-13	92	10.25%	180.85	180.85	180.85
	7000.00	1-Oct-13	31-Dec-13	92	10.25%	180.85	180.85	180.85
	7000.00	1-Jan-14	23-Mar-14	82	10.25%	161.19	161.19	161.19
	7000.00	24-Mar-14	29-Mar-14	6	10.25%	11.79	11.79	5.90
	7000.00	30-Mar-14	31-Mar-14	2	10.25%	3.83	3.93	0.98
	7000.00	1-Apr-14	5-Jun-14	66	10.25%	129.74	129.74	32.43
						1738.82	1738.82	1630.66
7	Syndicate Bank							
	2227.00	2-Feb-12	31-Mar-12	59	10.75%	38.70	38.70	38.70
	2227.00	1-Apr-12	30-Apr-12	30	10.75%	19.68	58.76	58.76
	2227.00	1-May-12	30-Jun-12	61	10.50%	39.08		
	2227.00	1-Jul-12	30-Sep-12	92	10.50%	68.94	68.94	68.94
	2227.00	1-Oct-12	31-Dec-12	92	10.50%	68.94	68.94	68.94
	2227.00	1-Jan-13	12-Feb-13	43	10.50%	27.55	56.94	56.94
	2227.00	13-Feb-13	31-Mar-13	47	10.25%	29.39		
	2227.00	1-Apr-13	30-Jun-13	91	10.25%	56.91	58.91	58.91
	2227.00	1-Jul-13	30-Sep-13	92	10.25%	57.54	57.54	57.54
	2227.00	1-Oct-13	31-Dec-13	92	10.25%	57.54	57.54	57.54
	2227.00	1-Jan-14	23-Mar-14	82	10.25%	51.28	51.28	51.28
	2227.00	24-Mar-14	29-Mar-14	6	10.25%	3.75	3.75	1.88
	2227.00	30-Mar-14	31-Mar-14	2	10.25%	1.25	1.25	0.31
	2227.00	1-Apr-14	5-Jun-14	66	10.25%	41.28	41.28	10.32
						541.82	541.82	508.05
8	State Bank of India							
	10000.00	28-Mar-13	31-Mar-13	4	10.19%	11.17	11.17	11.17
	10000.00	1-Apr-13	30-Jun-13	91	10.19%	254.06	254.06	254.06
	10000.00	1-Jul-13	18-Sep-13	80	10.19%	223.34	267.17	267.17
	10000.00	19-Sep-13	30-Sep-13	12	10.29%	33.83		
	10000.00	1-Oct-13	6-Nov-13	37	10.29%	104.31	262.38	262.38
	10000.00	7-Nov-13	31-Dec-13	55	10.49%	158.07		
	10000.00	1-Jan-14	23-Mar-14	82	10.49%	235.67	235.67	235.67
	10000.00	24-Mar-14	29-Mar-14	6	10.49%	17.24	17.24	8.62
	10000.00	30-Mar-14	31-Mar-14	2	10.49%	5.75	5.75	1.44
	10000.00	1-Apr-14	5-Jun-14	66	10.49%	189.68	189.68	47.42
						1233.11	1233.11	1077.82
9	State Bank of Hyderabad							
	10000.00	28-Mar-13	31-Mar-13	4	10.20%	11.18	11.18	11.18
	10000.00	1-Apr-13	30-Jun-13	91	10.20%	254.30	254.30	254.30
	10000.00	1-Jul-13	26-Aug-13	57	10.20%	159.29	271.38	271.38
	11376.00	27-Aug-13	24-Sep-13	29	10.20%	92.18		
	11875.00	25-Sep-13	30-Sep-13	6	10.20%	19.91		
	11875.00	1-Oct-13	31-Dec-13	92	10.20%	305.30	305.30	305.30
	11875.00	1-Jan-14	23-Mar-14	82	10.20%	272.12	272.12	272.12
	11875.00	24-Mar-14	29-Mar-14	6	10.20%	19.91	19.91	9.96
	11875.00	30-Mar-14	31-Mar-14	2	10.20%	6.64	6.64	1.66
	11875.00	1-Apr-14	5-Jun-14	66	10.20%	219.02	219.02	54.76
						1359.85	1359.85	1180.65



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Design energy and Peaking capability (monthwise) - ROR with Pondage/ Storage  
type new stations

Generating Company : NHPC Limited  
Name of Power Station : PARBATI -III POWER STATION  
Installed Capacity : 4 X 130 MW= 520 MW

Month		Design Energy* (MUs)	Designed Peaking Capability (MW)
April	I	28.88	520
	II	30.65	
	III	43.86	
May	I	55.76	
	II	61.43	
	III	71.39	
June	I	71.65	
	II	104.65	
	III	89.52	
July	I	118.56	
	II	118.56	
	III	130.42	
August	I	118.56	
	II	118.56	
	III	130.42	
September	I	111.01	
	II	81.86	
	III	57.43	
October	I	41.14	
	II	33.31	
	III	31.63	
November	I	25.39	
	II	23.62	
	III	22.81	
December	I	19.83	
	II	19.14	
	III	21.68	
January	I	19.18	
	II	18.70	
	III	20.87	
February	I	18.60	
	II	18.51	
	III	16.92	
March	I	19.73	
	II	22.04	
	III	27.02	
<b>Total</b>		1963.29	

\* The Design Energy of 1963.29 MUs as per the approval of RCE by the MOP, GOI vide letter dated 9.10.2018.

Note:

Specify the number of peaking hours for which station has been designed -Peaking capability (520 MW) for minimum 3 hrs (in two slots of 1.5 hrs each in the morning & evening peak) is achievable throughout the year.

For DSP & Associates  
Chartered Accountants

For NHPC Limited

(M G Gokhale)  
GM (CommI)



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

Name of Compar : NHPC Limited  
 Name of Power : Parbati-III Power station  
 Installed Capacity : 4 X 130 MW = 520 MW

Month		Design Energy* (MUs)	MW continuous*
April	I		
	II		
	III		
May	I		
	II		
	III		
June	I	Not Applicable	
	II		
	III		
July	I		
	II		
	III		
August	I		
	II		
	III		
September	I		
	II		
	III		
October	I		
	II		
	III		
November	I		
	II		
	III		
December	I		
	II		
	III		
January	I		
	II		
	III		
February	I		
	II		
	III		
March	I		
	II		
	III		
Total			

For DSP & Associates  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
GM (Comml)

Liability Flow Statement

Name of the Petitioner :  
Name of the Generating Station :

NHPC Limited  
Parbati III Power station

Sl. No.	Name of Major Contractor	Party Code	Sub contract	head	Asset/Work	Year of actual capitalisation	Liability as on 08.08.2014	created	released / adjusted	Reversed	Liability as on 31.03.2015	created	released /adjusted	Reversed	Liability as on 31.03.2016	created	released /adjusted	Reversed	DISCHARGE YEARWISE									
																			Liability as on 31.03.2017	created	released /adjusted	Reversed	Liability as on 31.03.2018	created	released /adjusted	Reversed	Liability as on 31.03.2019	
A Liability Pertains to COD of Power station i.e. 08.08.2014																												
1	BHARAT HEAVY ELECTRICALS LTD	S000020	BHEL 310201	S POWER	Ex-works supply and cr/clip supply of all plants and equipments including specified spare parts and tools & instruments for Lot-IV Electrical & Mechanical works of Parbati HE Project Stage-III	Mar-14	241,794,945		77,505,579		164,289,366		107,209,383		57,079,983		24,072,516			33,007,467		8,420,951		24,586,516		15,000,000		9,586,516
2	BHARAT HEAVY ELECTRICALS LTD	S000020	BHEL 310208	S POWER	Ex-works supply and cr/clip supply of all plants and equipments including specified spare parts and tools & instruments for Lot-IV Electrical & Mechanical works of Parbati HE Project Stage-III	Mar-14	49,580,209				49,580,209		49,580,209															
3	BHARAT HEAVY ELECTRICALS LTD	S000020	BHEL 450301	S POWER	BHEL	Mar-14	(6,163,689)		(688,000)		(5,475,689)		(418,200)		(5,057,489)		(5,057,489)											
4	PATEL - L&T CONSORTIUM	S002406	L&T 310201	C WORKS	Construction of Diversion cum spillway Tunnels including Gates and Hoists, Cofferdams, Rockfill Dam, Spillway, Intake Structure and part of Head Race Tunnel	Mar-14	162,376,665		123,995,938		38,380,727				38,380,727		38,380,727											
5	PATEL - L&T CONSORTIUM	S002406	L&T	C WORKS	Construction of Diversion cum spillway Tunnels including Gates and Hoists, Cofferdams, Rockfill Dam, Spillway, Intake Structure and part of Head Race Tunnel	Mar-14	13,295,517				13,295,517				13,295,517		13,295,517											
6	JAGER - GAMMON JV	S002407	JGJV 310201	J POWER	Construction of part Head Race Tunnel, Surge Shaft, Pressure Shaft, Power House & Tail Race Tunnel	Mar-14	32,413,568		25,870,743		6,542,825				6,542,825		6,542,825											
7	JAGER - GAMMON JV	S002407	JGJV	J POWER	Construction of part Head Race Tunnel, Surge Shaft, Pressure Shaft, Power House & Tail Race Tunnel	Mar-14	10,525,525		10,525,525																			
8	OM METALS SPML(JV)	S002557	OM METAL 310201	J POWER	Works supply of all equipments and materials including mandatory tools and tackle and mandatory spares for HM Works of PHEP-3 (310201)	Mar-14	8,674,424		833,087		7,841,337		5,449,726		2,391,611		1,256,177			1,135,434		526,216		609,218		88,500		520,718
9	OM METALS SPML(JV)	S002557	OM METAL 310203	J POWER	Works supply of all equipments and materials including mandatory tools and tackle and mandatory spares for HM Works of PHEP-3 (310203)	Mar-14	55,104,756		10,104,163		45,000,593		29,945,152		15,055,441		6,142,161			8,913,280		1,088,027		7,825,253		2,500,000		5,325,253
10	OM METALS SPML(JV)	S002557	OM METAL (310208)	J POWER	Works supply of all equipments and materials including mandatory tools and tackle and mandatory spares for HM Works of PHEP-3	Mar-14	2,625,184				2,625,184		696,628		1,928,556		1,928,556											
11	OM METALS SPML(JV)	S002557	OM METAL	J POWER	Works supply of all equipments and materials including mandatory tools and tackle and mandatory spares for HM Works of PHEP-3	Mar-14																						
12	MIKROZ INFOSECURITY PRIVATE LIMITED	S002637		O MISC	PURCHASE AND INSTALLATION OF CYBERCOM CR 501A APPLIANCE WITH INSTALLATION ALONGWITH 1 YEAR LICENCE AND SUPPORT SERVICES ETC	Mar-14	14,139		14,139																			
13	SUSHIL KUMAR	S003624		O MISC	P/F wire crates above right bank grouting gallery at Dam site	Mar-14	404,623		404,623																			
14	SUSHIL KUMAR	S003624	119/000481	O MIS	R & M of DG Set at Dam, 2nd RA bill for the period 01.03.2013 to 31.03.2013	Mar-14	20,549				20,549		20,549															
15	MANOJ SHARMA KULLU	S006004	119/000274	O MISC	COMPLAINT BOOTH CUM SITE STORE AT SPANGINI ON 03.04.2012	Mar-14	15,860				15,860				15,860					15,860		15,860						
16	MANOJ SHARMA KULLU	S006004	119/000274	K BUILDING	COMPLAINT BOOTH CUM SITE STORE AT SPANGINI ON 03.04.2012	Mar-14	37,806				37,806				37,806		37,806											
17	MANOJ SHARMA KULLU	S006004	119/000263	O MISC	BOREWELL AT SAPANGINI T/S	Mar-14	16,184				16,184				16,184		16,184											
18	DIGITAL TECHNOLOGIES	S006235	PO11911/248	O MISC	AMC of photocopier	Mar-14	16,518				16,518				16,518		16,518					16,518						
19	GORSI CONSTRUCTION	S006252	119/000113	R COMM	Providing premix carpet surfacing on Larji Behal bye-pass road for PHEP-III, PACKAGE NO PHEP/2008/76	Mar-14	109,703				109,703				109,703					109,703								109,703
20	INFONET NETWORK SYSTEMS (II) PVT LTD	S006270	PO11909/115	O MISC	Providing LAN network(AIN:5825100083)	Mar-14	1,954				1,954				1,954		1,954											
21	J K SETH, KULLU	S006272	119/000338	O MISC	Internal electrification of Township( feb-14)	Mar-14	527,294		527,294																			
22	J K SETH, KULLU	S006272		O MISC	Electrification at Dam site	Mar-14	571,680		571,680																			
23	KAMAL KANT SHARMA	S006279	119/000335	O MIS	dis tempering of CE rooms	Mar-14	644				644				644		644											
24	KHEM CHAND THAKUR	S006284	119/000235	O MISC	Dismantling of acquired houses at Salah	Mar-14	3,038				3,038				3,038		3,038											
25	KHEM CHAND THAKUR	S006284	119/000396	O MISC	Construction of Toilet(Tr from 310303 to 310301)	Mar-14	1,927				1,927				1,927		1,927											
26	manit SD(91nos)	S006284		O MIS	Expenditure during construction - capitalised with major assets	Mar-14	1,833,499		703,368		1,130,131		366,784		763,347		360,584		230,170		172,593		92,680		79,913			
27	NAVEEN VAIDYA	S006304	119/000185		soing wearing of road left bank dam(oid)	Mar-14	23,019				23,019				23,019					23,019					23,019			23,019
28	NAVEEN VAIDYA	S006304	119/000241	X ENV	Footpath Work	Mar-14	70,676				70,676				70,676		70,676											
29	SHER SINGH GOVT CONTRACTOR	S006356	119/000003	C WORKS	Wire Crate Protection work for Surge Shaft Road(Old)	Mar-14	20,530				20,530				20,530					20,530								



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	Name of Major Contractor	Party Code	Sub contract	head	Asset/Work	Year of actual capitalisation	Liability as on 06.06.2014	created	released / adjusted	Reversed	Liability as on 31.03.2015	created	released /adjusted	Reversed	Liability as on 31.03.2016	created	released /adjusted	Reversed	Liability as on 31.03.2017	created	released /adjusted	Reversed	Liability as on 31.03.2018	created	released /adjusted	Reversed	Liability as on 31.03.2019	
30	V K SHARMA (LARJI TO BEHALI PKG-03)	S006378	119/11111	R COMM	Construction of larji behali bye pass road	Mar-14	1,102,909				1,102,909		1,102,909															
31	V K SHARMA (LARJI TO BEHALI PKG-03)	S006378		R COMM	CONSTRUCTION OF LARJI BEHALI BYE PASS ROAD	Mar-14	830,433				830,433		830,433															
32	HPPWD	S006761	119/000002	R COMM	Construction of larji behali bye pass road	Mar-14	44,840				44,840		44,840															
33	VINAYAK CONSTRUCTION COMPANY	S007204		O MISC	PROTECTION WORK AT TRTROAD & BEHALI BYE PASS ROAD(16b-14)	Mar-14	251,254		251,254																			
34	VINAYAK CONSTRUCTION COMPANY	S007204	119/000382	O MISC	construction of foundation blockfor 100kva DG set at spangini T/S	Mar-14	810				810		810															
35	VINAYAK CONSTRUCTION COMPANY	S007204	119/000439	O MISC	construction of 5.5mtr wall near funeral palce at sapangini T/s	Mar-14	1,180				1,180		1,180															
36	JHABE RAM S/O Shrikam Ram	S012791	119/000352	A PRELIM	Providing assistance for measuring gauge reading/dischage at five gauge sites of PHEP-III at Jva Nafah.	Mar-14	25,358				25,358		25,358															
37	KOT KANDI CONSTRUCTION PVT LTD	S013425		O MISC	CASTING OF CONCRITE BLOCK FOR DAM	Mar-14																						
38	BANWARI LAL	S019357	119/000390	R COMM	Providing foot path from left bank bye pass road near dam to Village Sob and repair of existing old drain & part extension of old drain	Mar-14	16,515				16,515			16,515														
39	BANWARI LAL	S019357	119/000422	C WORKS	1ST AND FINAL BILL FOR FENCING WORK AT SUN STATION 11/0 4 KVA AT DAM SITE	Mar-14	12,085				12,085		12,085															
40	BANWARI LAL	S019357	119/000494	R COMM	construction of retaining wall for protection of DAM Road RD (520 to 531)	Mar-14	13,268				13,268		13,268															
41	PALAK AIR COURIER SERVICE	S022009		O MIS	Courier service	Mar-14	2,000				2,000			2,000														
42	Maintt	S023030		O MISC	Expenditure during construction - capitalised with major assets	Mar-14	234,245		172,294		61,951		9,500		52,451					52,451				52,451				
43	Maintt	S023716		O MISC	Expenditure during construction - capitalised with major assets	Mar-14	240,475		85,504		154,971		89,700		65,271		6,500			58,771		58,297		474			474	
44	Maintt	S023775		O MISC	Expenditure during construction - capitalised with major assets	Mar-14	110,296		66,500		43,796				43,796		23,554			20,242				20,242			1,242	19,000
45	Maintt	S024828		O MISC	Expenditure during construction - capitalised with major assets	Mar-14	327,732		313,977		13,755				13,755		2			13,753				13,753			9,960	3,793
46	cost Audit			O MISC	Cost Audit Fee	Mar-14	70,537			70,537																		
47	V K Sharma			R COM	V K Sharma - Larji - Bihali Road	Mar-14	21,508,315		1,979,818		19,528,497		19,528,497															
48	SUSHIL KUMAR	S003624	119/000424	O MISC	Providing drain and foot path for khadowa village ad Dam(29.01.2015)	Mar-14	357,438				357,438		357,438															
	<b>TOTAL</b>				<b>Liab till 06-06-2014(COD)</b>		<b>599,066,437</b>		<b>253,237,486</b>	<b>70,637</b>	<b>345,758,414</b>		<b>214,794,061</b>		<b>130,964,353</b>		<b>87,166,047</b>	<b>248,685</b>	<b>43,559,621</b>		<b>10,202,699</b>	<b>168,754</b>	<b>33,188,178</b>		<b>17,588,600</b>	<b>11,676</b>	<b>15,588,002</b>	
B Liability pertains from COD (06.06.2014 to 31.03.2015)																												
1	SHANTA KUMAR	S006348	119/000425	C WORKS	PROVIDING DRAINAGE SYSTEM IN SAU BYE PASS ROAD FOR SOTI VILLAGE TO HAIR PIN BEND LEFT BANK ABOVE	Mar-15		105,878			105,878								105,878				105,878					
2	SHANTA KUMAR	S006348	119/000425	C WORKS	PROVIDING DRAINAGE SYSTEM IN SAU BYE PASS ROAD FOR SOTI VILLAGE TO HAIR PIN BEND LEFT BANK ABOVE	Mar-15		196,643			196,643								196,643				196,643					
3	NAVEEN VAIDYA	S006304	119/000455	C WORKS	Construction of Tetra pods (DOC sep-14)	Mar-15		480,209			480,209		480,209															
4	C P SYSTEMS PVT. LTD.	S012487	119/000567	J POWER	EPOXY TREATMENT IN POWER HOUSE(DOC sep-14)	Mar-15		20,000			20,000		20,000															
5	C P SYSTEMS PVT LTD	S012487	119/000567	J POWER	EPOXY TREATMENT IN POWER HOUSE(DOC sep-14)	Mar-15		231,976			231,976		231,976															
6	AZAD JAIN & ASSOCIATES,INDORE	S006213		K BUILDIN	TOWNSHIP PLANNER CONSULTANT	Mar-15		171,000			171,000				171,000													
7	KAMAL KANT SHARMA	S006279	119/000238	K BUILDIN	CONST OF XRAY ROOM(mar-15)	Mar-15		56,204			56,204		56,204															
8	SHANTA KUMAR	S006348	119/000425	C WORKS	PROVIDING DRAINAGE SYSTEM IN SAU BYE PASS ROAD FOR SOTI VILLAGE TO HAIR PIN BEND LEFT BANK ABOVE	Mar-15		62,547			62,547								62,547				62,547			34,654	27,893	
9	VINAYAK CONSTRUCTION COMPANY	S007204	119/000507		FIRST AND FINAL RA BILL	Mar-15		23,302			23,302		23,302															
10	DESH RAJ THAKUR	S023372	119/000580		1 &Final P/F gate including fabrications at ADITs	Mar-15		13,013			13,013								13,013				13,013					
11	KOT KANDI CONSTRUCTION PVT LTD	S013425	119/000638		1st & final forcons of retaining wall at dam road(20.7.14)	Mar-15		25,920			25,920																	
12	O M R CONSTRUCTION COMPANY PVT LTD	S023030	119/000644		reclamation of muck dumping site 5 along behali larji bye pass road work complete on 01.01.2015	Mar-15		1,175,782			1,175,782		1,175,782															
13	KOT KANDI CONSTRUCTION PVT. LTD	S013425	119/000650		CONSTRUCTION OF SECURITY POST AT MAT	Mar-15		25,935			25,935		25,935															
14	NAVEEN VAIDYA	S006304	119/000659		reclamation of muck dumping site along PWD road near MAT(02.01.2015)	Mar-15		1,772,496			1,772,496		1,772,496															
15	MOHAN LAL	S023420	119/000676		1st final bill of Balance work of booster room of PH (08.02.2015)	Mar-15		12,451			12,451		12,451															
16	MOHAN LAL	S023420	119/000727		Cons Of foundation and sheds for DG sets at behali and Spangini(17.02.2015)	Mar-15		412,128			412,128		412,128															
17	JAIBIR NATH CONST PVT LTD	S005959	119/000747		Construction of Temporary shed or Mess for CISF at Sain(doc15.3.15)	Mar-15		439,113			439,113		439,113															



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Name of Major Contractor	Party Code	Sub contract	head	Asset/Work	Year of actual capitalisation	Liability as on 06.06.2014	created	released / adjusted	Reversed	Liability as on 31.03.2015	created	released /adjusted	Reversed	Liability as on 31.03.2016	created	released /adjusted	Reversed	Liability as on 31.03.2017	created	released /adjusted	Reversed	Liability as on 31.03.2018	created	released /adjusted	Reversed	Liability as on 31.03.2019	
18 JAIBIR NATH CONST PVT LTD	5005959	119/000747		Construction of Temporary shed or Mess for CISF at Sanj(doc15 3 15)	Mar-15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19 BHARAT HEAVY ELECTRICALS LTD	S000020	BHEL		Ex-works supply and off-cip supply of all plants and equipments including specified spare parts and tools & instruments for Lot-IV	Mar-15		31,549,608			31,549,608		31,549,588		20		20											
OM METALS SPML(JV)	S002557	OM METAL	J POWER	Works supply of all equipments and materials including mandatory tools and tackle and mandatory spares for HM Works of PHEP-3	Mar-15		56,880			56,880				56,880		56,880											
20 ALLIANCE ENGINEERS INDIA	S006202	119/000006	K BUILD	Construction of Executive club in Township(mar-15)	Mar-15	0	463,194			463,194				463,194		463,194											
21 ALLIANCE ENGINEERS INDIA	S006202	119/000006	K BUILD	officer club(mar-15)	Mar-15		240,746			240,746				240,746		240,746											
22 SUSHIL KUMAR	S003624	119/000424	O MISC	Providing drain and foot path for khadowa village ad Dam(29 01 2015)	Mar-15		261,083			261,083		261,083															
<b>Total</b>				<b>(COD to Mar-15)</b>			<b>37,796,108</b>			<b>37,796,108</b>		<b>36,460,267</b>		<b>1,335,841</b>		<b>786,760</b>	<b>171,000</b>	<b>378,081</b>		<b>315,534</b>		<b>62,547</b>		<b>34,654</b>		<b>27,893</b>	
C Liability pertains to FY2015-16																											
1 PATEL - L&T CONSORTIUM	S002406	L&T		Construction of Diversion cum spillway Tunnels including Gates and Hoists, Cofferdams, Rockfill Dam, Spillway, Intake Structure and part of Head Race Tunnel	Mar-16						13,633,603			13,633,603		3,016,928		10,616,675					10,616,675				10,616,675
2 JAGER - GAMMON JV	S002407	JGJV		Construction of part Head Race Tunnel, Surge Shaft, Pressure Shaft, Power House & Tail Race Tunnel	Mar-16						19,264,590			19,264,590		1,367,187		17,897,403					17,897,403		3,593,044		14,304,359
3 JAGER - GAMMON JV	S002407	JGJV		Provisioning of claim for BG charges and CAR policy for the period 15.8.10 to 31.10.2013 for JGJV (S002407)	Mar-16						20,116,166			20,116,166		20,116,166											
5 KUMAR ASSOCIATES	S026420	119/000655		Providing and fixing of perforated Aluminium tiles for balance False Ceiling of Control Building(mar-16)	Mar-16						46,006			46,006			46,006										
16 JAIBIR NATH CONST. PVT. LTD.	5005959	119/000747		Construction of Temporary shed or Mess for CISF at Sanj(doc15 3 15)	Mar-16						25,152			25,152			25,152										
6 O.M.R CONSTRUCTION COMPANY PVT. LTD	S023030	119/000672		work Balance Invert Concreting of APSB & GIS(24.2.2015) cap mar-16	Mar-16						102,328			102,328		102,328											
7 SACK INTERNATIONAL PVT LTD	S003795	PO11915/291		supply of SECURITY GADGET	Mar-16						309,082			309,082		309,082											
8 KAMAL KANT SHARMA	S006279	119/000625		Construction of store near MAT office(Sch DOC.18/09/2015)(F)	Mar-16						47,358			47,358			47,358			47,358							
9 SUPER DRILLING PVT LTD	S024039	119/000626		Drilling of Pressure relief Holes/Drainage Holes in Drainage Gallery of Transformer Cavern (28/4/2015)	Mar-16						114,849			114,849		114,849											
11 KOT KANDI CONSTRUCTION PVT LTD	S013425	119/000649		FIXING OF SUPPORTING & PROTECTIVE NET OVER SURGE SHAFT (Final Mar-16)	Mar-16						37,506			37,506		37,506											
12 SUSHIL KUMAR	S003624	119/000657		PROTECTION WORK OPPOSITE TO 1st outfall at Larji( Sch dt: 14/07/2015)(Final)	Mar-16						55,799			55,799		55,799											
13 KRISHAN CHAND	S025535	119/000678		protection work by providing concrete cladding cum wire crane at township(31.07.15)	Mar-16						128,312			128,312		128,312											
14 NAVEEN VAIDYA	S006304	119/000687		protection work of pothead yard area(25.10.2015)	Mar-16						877,170			877,170		877,170											
15 INDER SINGH	S024129	119/000688		restoration & construction of internal boundary wall and slope protection work for Administrative building(Final)	Mar-16						85,620			85,620		85,620											
16 AMIT KUMAR	S006205	119/000689		work of protection at left bank and removal of boulder in front of TRTY(15.4.15)	Mar-16						180,342			180,342		180,342											
17 AMIT KUMAR	S006205	119/000690		Widening/ Improvement of Existing Approach Road of MAT Portal of Power House( 31.01.16)	Mar-16						525,782			525,782		525,782											



	Name of Major Contractor	Party Code	Sub contract	head	Assel/Work	Year of actual capitalisation	Liability as on 06.06.2014	created	released / adjusted	Reversed	Liability as on 31.03.2015	created	released /adjusted	Reversed	Liability as on 31.03.2016	created	released /adjusted	Reversed	Liability as on 31.03.2017	created	released /adjusted	Reversed	Liability as on 31.03.2018	created	released /adjusted	Reversed	Liability as on 31.03.2019		
18	JABIR NATH CONST PVT LTD	S005959	119/000692		construction of office building over DG room at Pot Head yard(26 11 2015)	Mar-16						149,538			149,538		149,538												
19	O M R CONSTRUCTION COMPANY PVT LTD	S023030	119/000716		Construction of Catch water drain at dumping site no-2 Chhani nalah(nov-15)	Mar-16						459,706			459,706		459,706												
20	O M R CONSTRUCTION COMPANY PVT LTD	S023030	119/000716		Construction of Catch water drain at dumping site no-2 Chhani nalah(nov-15)	Mar-16						48,879		14,672	48,879		63,551			63,551									
21	BHAGASIDH CONST. CO. & ENGG PVT.LTD.	S005840	119/000724		Balance invert concreting of MAT in PH(21.09.15)	Mar-16						96,626			96,626		96,626												
22	SHAKTI CONSTRUCTION COMPANY	S028472	119/000732		PROVIDING & FIXING ALUMINIUM DOORS, WINDOWS, VENTILATORS AND SS RAILING IN POWER HOUSE(Jan-16)	Mar-16						499,500			499,500		499,500												
23	SHAKTI CONSTRUCTION COMPANY	S028472	119/000732		PROVIDING & FIXING ALUMINIUM DOORS, WINDOWS, VENTILATORS AND SS RAILING IN POWER HOUSE(Jan-16)	Mar-16						210,629			210,629		210,629		210,629		210,629								
24	KOT KANDI CONSTRUCTION PVT. LTD	S013425	119/000748		Providing and Fencing on clay quarry at Manham area atr Dam(05/09/2015)	Mar-16						44,590			44,590		44,590												
25	BHAGAT RAM (GOVT CONTRACTOR)	S027648	119/000749		Construction of Footpath from Dam top to Bottom of downstream for taking readings of various instruments in dam downstream(11.4.15)	Mar-16						9,267			9,267		9,267												
26	BANWARI LAL	S019357	119/000750		Construction of rooms for Accelerographs at Dam for Parba-Bali Power Station	Mar-16						8,290			8,290		8,290												
28	JABIR NATH CONST. PVT. LTD.	S005959	119/000762		PAINTING OF PAPER WALL DAM(L.S.15)	Mar-16						2,640			2,640		2,640												
29	BHAGASIDH CONST. CO. & ENGG PVT.LTD.	S005840	119/000786		Providing and erection of crash barrier on larji behal by pass road(23.5.15)	Mar-16						212,160			212,160		212,160												
30	SHANGRI HYDRO WORKS	S027584	119/000767		Final of PROVIDING & FIXING OF LOG BOOM BETWEEN CONCRETE STRUCTURE OF INTAKE AND SPILLWAY AT DAM 17.1.15	Mar-16						5,709			5,709		5,709												
31	PREM SING KHATRI	S026694	119/000784		Providing Wire crates at RD-165 TO 170 at left Bank in Upstream of Dam(Final)	Mar-16						1,968			1,968		1,968												
32	VINAYAK CONSTRUCTION COMPANY	S007204	119/000791		Cons of driver room (sep-15)	Mar-16						241,997			241,997		241,997												
33	VINAYAK CONSTRUCTION COMPANY	S007204	119/000791		Cons of driver room (sep-15)	Mar-16						13,596			13,596		13,596												
34	JABIR NATH CONST PVT. LTD.	S005959	119/000795		Construction of boundary wall in front of dam office(15.6.15)	Mar-16						19,501			19,501		19,501												
35	PREM SING KHATRI	S026694	119/000803		CONSTRUCTION OF RETAINING WALL AND PROVIDING WIRE CRATES AT SAINJ BY PASS ROAD AT DAM(20.06.2015)	Mar-16						35,149			35,149		35,149		35,149				35,149					35,149	
36	PREM SING KHATRI	S026694	119/000803		CONSTRUCTION OF RETAINING WALL AND PROVIDING WIRE CRATES AT SAINJ BY PASS ROAD AT DAM(20.06.2015)	Mar-16						28,251			28,251		28,251		28,251		28,251								
37	MOHAR SINGH	S031435	119/000804		Construction of dustbins for Sapangini Township and Administrative Building and old Office building at Behal(26.6.16)	Mar-16						14,132			14,132		14,132												
39	MOHAR SINGH	S031435	119/000832		Protection work by wire crates between RDS 805 to RD 850 on Larji-Behal by pass road for PHS-III(SCH.18/7/2015)	Mar-16						16,773			16,773		16,773												
40	O M R CONSTRUCTION COMPANY PVT LTD	S023030	119/000838		PROTECTION OF SAINJ BY-PASS ROAD (23.09.15)	Mar-16						8,657			8,657		8,657												
42	AKSHAY KUMAR	S030333	119/000866		Providing Street Lighting from Admin Building to Old office Behal (6.03.2016)	Mar-16						785,452			785,452		745,337		40,115		40,115								
43	KAMAL KANT SHARMA	S006279	119/000867		Construction of 12.5 m long retaining wall near VIP Guest House at Sapangini for support of boundry wall & widening of existing road (Final)	Mar-16						22,842			22,842		22,842		22,842		22,842								
44	AMIT KUMAR	S006205	119/000878		LAND SCAPING WORK AT FRONT OF MAT PORTAL(Final)	Mar-16						109,691			109,691		109,691		109,691		34,691		75,000						
46	MODI INDUSTRIES (P) LTD	S008467	PO11914/217		Supply of pump advancein 680403	Mar-16						848,242			848,242		667,594		180,648		180,648								
47	KRISHNA ENGINEERS&TRADERS	S027580	PO11915/100		Supply of Air diesel compressor	Mar-16						75,926			75,926		75,926												
48	NORTH DISTRIBUTORS	S023716	PO11915/125		Supply of printer& computer(10%)	Mar-16						116,398			116,398		116,398		116,398		116,398								
49	M/S KAWATRAS	S031098	PO11915/126		supply printer 10% withheld	Mar-16						1,659			1,659		1,659		1,659		1,659								
50	UNICOM INFOTEL PVT LTD	S030192	PO11915/222		supply and installation of EPPAX(10% withheld)	Mar-16						83,458			83,458		83,458												
51	SECURITY DEFENCE SYSTEMS	S013336	PO11915/290		PURCHASE OF SECURITY GADGET	Mar-16						37,782			37,782		37,782												
52	DIGITAL TECHNOLOGIES	S006235	PO11915/293		Supply of printer	Mar-16						183,225			183,225		183,225												
53	ESCORTS CONSTRUCTION	S019706			PURCHASE OF LOADER CUM EXCAVATOR 90% PYT 10% WITHHELD	Mar-16						216,444			216,444		216,444		216,444		216,444								
54	DC Kulu				Provision for livelihood assistance	Mar-16						152,724,600			152,724,600				152,724,600				152,724,600		752,199			151,972,401	



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	Name of Major Contractor	Party Code	Sub contract	head	Asset/Work	Year of actual capitalisation	Liability as on 08.08.2014	created	released / adjusted	Reversed	Liability as on 31.03.2015	created	released /adjusted	Reversed	Liability as on 31.03.2016	created	released /adjusted	Reversed	Liability as on 31.03.2017	created	released /adjusted	Reversed	Liability as on 31.03.2018	created	released /adjusted	Reversed	Liability as on 31.03.2019	
55	MODI INDUSTRIES (P) LTD	500467	PO11914/217		Supply of pump( advance in 667594)	Mar-16						(667,594)			(667,594)		(667,594)											
	<b>Total</b>				<b>Apr-15 to Mar-16</b>							<b>212,215,348</b>			<b>212,215,348</b>	<b>14,672</b>	<b>29,745,121</b>	<b>173,486</b>	<b>182,311,413</b>		<b>962,586</b>	<b>75,000</b>	<b>181,273,827</b>		<b>4,345,243</b>		<b>176,928,584</b>	
1	AJAY PATHANIA				PROTECTION & CARPETING WORK OF ROAD FROM PH TO LARJI (scheduled DOC 08.10.2016)(final)	Mar-17										890,047			890,047		890,047							
2	GORSI CONSTRUCTION				Providing premix carpet surfacing on Larji Behali bye-pass road for PHEP-III. PACKAGE NO. PHEP/2008/76	Mar-17																						
3	SHANTA KUMAR				PROVIDING DRAINAGE SYSTEM IN SAJJ BYE PASS ROAD FOR SOTI VILLAGE TO HAIR PIN BEND LEFT BANK ABOVE PLUNGE POOL AT DAM	Mar-17																						
4	AJAY PATHANIA	S006201			INTERNAL ROAD WORKS OF SAPANGINI TOWNSHIP(Final)	Mar-17										366,832			366,832		366,832							
5	AMIT KUMAR				INTERNAL BOUNDARY WALL AROUND D-SPECIAL AND D-TYPE QUARTERS AT SAPANGINI	Mar-17										71,216			71,216	20,418			91,634				91,634	
6	AMIT KUMAR				Providing wire crates on left bank below the alternate road at up stream of Dam site for PHEP-III, Pkg No PR/11909/47/1(SCH 30.4.2011)	Mar-17										83,596			83,596		83,596							
7	SHAKTI CONSTRUCTION COMPANY				Providing & fixing of balance Aluminium Doors, Windows, Ventilators and SS Railing in Power House(final)	Mar-17										24,724			24,724		24,724							
8	AMIT KUMAR				Construction of balance work of one no D-Spl Quarter, two block(Four qtrs) of D-Type quarter and External boundary wall including security cabin and main gate for sapangni township (Sch DOC 01-02-2016)(F)	Mar-17										565,297			565,297	95,665			660,962				660,962	
9	AMIT KUMAR				CONSTRUCTION OF STORE SHED FOR GENERATING PLANT SPARES FOR PPH-III(F)	Mar-17										814,624			814,624		814,624							
10	KAMAL KANT SHARMA				Construction of Township and electrical store rooms at Sapangini for Parbati- III Power Station(Sch 12/10/2015)(F)	Mar-17										61,548			61,548		61,548							
12	J K SETH, KULLU				1ST & FINAL BILL -Internal electrification of store PH (final)	Mar-17										60,695			60,695		60,695							
13	KOT KANDI CONSTRUCTION PVT. LTD				REPAIR OF WALLS, CEILING, BEAMS & PAINTING OF CONTROL ROOM PH(SCH 24-05-2016)(F)	Mar-17										165,043			165,043		165,043							
14	SHANTA KUMAR	S006348	119/000718	310301	WEARING COURSE, PREMIX CARPETING AND CEMENT CEMENT CONCRETE PAVMENT OF SAINJ-BYE PASS ROAD(sch22/06/2016)	Mar-17										536,261			536,261	31,335	567,596							
17	O.M.R. CONSTRUCTION COMPANY PVT. LTD	S023030	119/00768		IMPROVEMENT / WIDENING OF EXISTING AOROACH ROAD TO POTHEAD YARD AND HVAC ROOM NEAR PH PPS-III (F)	Mar-17										152,616			152,616		152,616							
18	BHAGASIDH CONST. CO. & ENGG PVT.LTD.				Protection & carpeting work of Road from Behali to PH(11-09-2016)(final)	Mar-17										730,144			730,144		730,144							
19	JAIBIR NATH CONST. PVT. LTD.				Providing RCC Drain at Sainj bypass road at -475 of Dam(07-08-2016)(F)	Mar-17										44,360			44,360		44,360							
20	AKSHAY KUMAR				Internal Electrification of store cum control room for township division and electrical utility at spangini colony(F)	Mar-17										6,234			6,234		6,234							
21	THE SALAIMPUR CO-OP L&C SOCIETY LTD				Informatory sign board at various roads at project areas	Mar-17										93,245			93,245		93,245							
22	NAVEEN VAIDYA				Construction of Boundry wall of STORE near admn building(F)	Mar-17										361,319			361,319		361,319							
23	M/S ANAND ASSOCIATE				water supply with filtration plant at PH(F)	Mar-17										48,084			48,084		48,084							
24	AJAY PATHANIA				Providing & Laying Stone Soiling wearing bituminous macadam premix carpet and seal coat on Surge Shaft Road (scheduled DOC 09.10.2016)(F)	Mar-17										1,104,376			1,104,376		1,104,376							
25	JAIBIR NATH CONST. PVT. LTD.				work for providing RCC Drain at Sainj bypass road at -475 of Dam (Schedule D.O.C.-07.08.2016)(F)	Mar-17										60,219			60,219		60,219							
26	JAIBIR NATH CONST. PVT. LTD.				1st RA-Construction of Security Post-cabin at MAT Portal etc(SCH 2/12/2016)(F)	Mar-17										37,471			37,471	9,390			46,861		46,861			
27	SHAKTI CONSTRUCTION COMPANY				BILL INVERT CONCRETE WORK IN ADIT FROM MAT TO DOWN STREAM SURCHARGE CHAMBER AND MACHINE HALL(F)	Mar-17										182,296			182,296		182,296							
28	O.M.R. CONSTRUCTION COMPANY PVT. LTD				Development of inner roads of Store (sch. DOC 27.12.2016 DLP 12M)(F)	Mar-17										73,992			73,992		73,992							
29	MOHAR SING				POLYCARBONATE SHEET PANNELING AT GIS FLOOR AT EL 984 TO 988.50 INSIDE POWER HOUSE(F)	Mar-17										48,951			48,951		48,951							
30	MOHAN LAL				Installation of Survey Pillars at Dam(final)	Mar-17										10,958			10,958		10,958							
31	JGVV				Cons of PH Part HRT TRT etc	Mar-17										537,313			537,313	85,148			622,461	(21,612)			600,849	
32	DIGITAL TECHNOLOGIES				Supply of Printer	Mar-17										30,686			30,686		30,686							



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	Name of Major Contractor	Party Code	Sub contract	head	Asset/Work	Year of actual capitalisation	Liability as on 08.08.2014	created	released / adjusted	Reversed	Liability as on 31.03.2015	created	released /adjusted	Reversed	Liability as on 31.03.2016	created	released /adjusted	Reversed	Liability as on 31.03.2017	created	released /adjusted	Reversed	Liability as on 31.03.2018	created	released /adjusted	Reversed	Liability as on 31.03.2019	
33	VIRTUAL ELECTRONICS COMPANY				Supply of DIGITAL WATER LEVEL RECORDER	Mar-17									48,153				48,153				48,153				48,153	
34	VIRTUAL ELECTRONICS COMPANY				SUSPENDED SOLIDS INDICATOR RANGE 0 TO 30000MG/L(HIGH RANGE SENSOR) booked in 412502.	Mar-17									18,575				18,575		18,575		-				-	
35	VIPAN SHARMA				PURCHASE OF SET TOP BOX FOR CABLE NETWORK AT DAM SITE	Mar-17									13,000				13,000		13,000		-				-	
36	AG MEASUREMATICS PVT LTD				PURCHASE OF LVDTs	Mar-17									-				-		-		-				-	
37	PEE KAY ENTERPRISES				PURCHASE OF LENOVO M900 DESKTOP COMPUTERS	Mar-17									84,731				84,731		84,731		84,731				-	
38	MANIER & CO. PVT LTD				SCISSOR LIFT PLATFORM	Mar-17									94,000				94,000		94,000		94,000				-	
39	BHARAT HEAVY ELECTRICALS LTD				Ex-works supply and c/cip supply of all plants and equipments including specified spare parts and tools & instruments for Lot-IV Electrical & Mechanical works of Parbatl H.E Project Stage -III	Mar-17									30,829,786				30,829,786				30,829,786				30,829,786	
40	AMIT KUMAR				Construction of internal boundry wall and gate around D-spl	Mar-17									536,984				536,984		536,984		-				-	
41	AJAY PATHANIA				INTERNAL ROAD WORKS OF SAPANGINI TOWNSHIP(Final)	Mar-17									360,086				360,086				360,086				360,086	
42	AMIT KUMAR				Const. of balance work of one no. D-type qtr, external boundry wall including security cabin and main gate in spangini	Mar-17									1,274,000				1,274,000		904,000		370,000				370,000	
43	SUSHIL KUMAR				PROTECTION WORK OPPOSITE TO Int outfall at Larli	Mar-17									20				20		20		-				-	
44	SHANTA KUMAR	S006348	119/000718	310201	WEARING COURSE, PREMIX CARPETING AND CEMENT CONCRTE PAVMENT OF SAINJ-BYE PASS ROAD	Mar-17									992,267				992,267				992,267			992,267	-	
45	BHAGASIDH CONST. CO. & ENGG PVT.LTD				Balance invert concreteing of MAT in PH(21.09.15)	Mar-17									1				1		1		-				-	
46	AMIT KUMAR	S006205	119/000728		Providing & fixing of balance flooring & wall tiling work under Architectural works of Power House	Mar-17									20,000				20,000				20,000				20,000	
47	M/S ANAND ASSOCIATE				water supply with filtration plant at PH	Mar-17									191,705				191,705		191,705		-				-	
48	AJAY PATHANIA				Providing & Laying Stone Soling wearing bituminous macadam premix carpet and seal coast on Surge Shaft Road	Mar-17									3,892,721				3,892,721		3,872,619		20,102		20,102			-
49	JAIBIR NATH CONST. PVT. LTD				Construction of Security Post-cabin at MAT Portal etc	Mar-17									238,207				238,207		238,207		-				-	
50	THE SALAIMPUR CO-OP L&C SOCIETY LTD				Informalory sign board at various roads at project areas	Mar-17									90,021				90,021		90,021		-				-	
51	JAIBIR NATH CONST. PVT LTD				Railing for Surge Shaft & Fencing for DG building area of PPS-III	Mar-17									385,483				385,483		385,483		-				-	
52	KOT KANDI CONSTRUCTION PVT. LTD				P/F of Talra pods for strenthening & restrotation of Left bank slope RD 225-265M DOWNSTREAM OF DAM	Mar-17									58,516				58,516		58,516		-				-	
53	SALIMPUR CO-OPERATIVE LABOUR & CONSTRUCTION SOCIETY LIMITED				P/F Walkway platform for DT gates etc.	Mar-17									34,034				34,034				34,034				34,034	
54	GOPAL SHARMA	S037517	119/000911		Construction of Breast wall on Sainj Bypass Road at R.D-686 to 715 m & R.D-718 to 781 m from Dam	Mar-17									85,417		13,428		85,417		89,700		9,145		9,145		-	
55	MOHAN LAL				Construction of Permanent Elevated Observation Post at MAT area	Mar-17									8,898				8,898		8,898		-				-	
56	O.M.R. CONSTRUCTION COMPANY PVT. LTD				Development of inner roads of Store	Mar-17									1,322,907				1,322,907		745,846		577,061				577,061	
57	SHAKTI CONSTRUCTION COMPANNY				INVERT CONCRETE WORK IN ADIT FROM MAT TO DOWN STREAM SURCHARGE CHAMBER AND MACHINE HALL	Mar-17									687,682				687,682		687,682		-				-	
58	M/S BHAGAT RAM				Providing & fixing MS Pipe railing along foot track at Sapangini	Mar-17									871,495				871,495		871,495		-				-	
59	NAVEEN VAIDYA				Construction of Boundry wall of STORE near admn building	Mar-17									475,260				475,260		475,260		-				-	
60	KAMAL KANT SHARMA				I-2009000053	Mar-17									-				-		-		-				-	
61	HPPWD				final utilization of GPS Dhaugl	Mar-17									-				-		-		-				-	
62	KAMAL KANT SHARMA				CONSTRUCTION OF SCHOOL BUILDING AT MANHAM CLAY QUARRY AREA	Mar-17									-				-		-		-				-	
63	DC Kullu				Provision for livelihood assistance	Mar-17									61,238,518				61,238,518				61,238,518				61,238,518	
64	J K SETH, KULLU	S006272	119/000928		providing 11 KV power supply from 33 KV substation to Sapangini Township through AB	Mar-17									110,135				110,135		110,135		-				-	
	<b>Total</b>				<b>Apr-16 to Mar-17</b>										<b>111,124,749</b>				<b>111,124,749</b>	<b>255,384</b>	<b>15,190,612</b>	<b>89,720</b>	<b>96,099,801</b>	<b>(21,612)</b>	<b>254,839</b>	<b>992,267</b>	<b>94,831,083</b>	



Name of Major Contractor	Party Code	Sub contract	head	Asset/Work	Year of actual capitalisation	Liability as on 06.06.2014	created	released / adjusted	Reversed	Liability as on 31.03.2015	created	released /adjusted	Reversed	Liability as on 31.03.2016	created	released /adjusted	Reversed	Liability as on 31.03.2017	created	released /adjusted	Reversed	Liability as on 31.03.2018	created	released /adjusted	Reversed	Liability as on 31.03.2019	
PATEL - L&T CONSORTIUM				Construction of Diversion cum spillway Tunnels including Gales and Hoists,	Mar-18														4,885,795				4,885,795		3,487,517		1,398,278
AMIT KUMAR				Construction of Internal boundry wall and gate around D-spl	Mar-18														440,830				440,830				440,830
AMIT KUMAR				Const. of balance work of one no. D-type qtr. external boundry wall including	Mar-18														1,730,442				1,730,442	59,561			1,790,003
SHANTA KUMAR	S006348	119/000718	310201	WEARING COURSE, PREMIX CARPETING AND CEMENT CEMENT	Mar-18														52,224				52,224		52,224		-
O.M.R CONSTRUCTION				Development of inner roads of Store	Mar-18														86,240				86,240				86,240
NAVEEN VAIDYA				C/O B/WALL & R/WALLAROUND SRORE SHED NEAR ADMN BUILDING	Mar-18														2,871				2,871				2,871
ERHARD MUHR GMBH				SUPPLY INSTALLATION OF TRCM	Mar-18														257,500				257,500	2,227,282	257,500		2,227,282
ERHARD MUHR GMBH				SUPPLY INSTALLATION OF TRCM	Mar-18														5,538,987				5,538,987		5,391,489		147,498
ERHARD MUHR GMBH				Supply of TRCM (F)	Mar-18														2,380,478				2,380,478		153,196	2,227,282	-
M/S ANAND ASSOCIATE				BALANCE WORK OF SANITARY INCLUDING SEWAGE TRATMENT	Mar-18														248,209				248,209				248,209
KAMAL KANT SHARMA				CONSTRUCTION OF CANTEEN AT PH	Mar-18														369,279				369,279		210,992	158,287	-
MOHAR SING				Provoding and laying of water supply lines for sprinkling water in parks &	Mar-18														7,993				7,993				7,993
SHANTA KUMAR				MUCK DUMPING SITE WORK AT DAM	Mar-18														15,343				15,343				15,343
THE SALAIMPUR CO-OP L&C				const. of Cement cladding wall on both side of MAT at PH	Mar-18														506,221				506,221				506,221
KOT KANDI CONSTRUCTION				PROVIDING FENCING AT MAIN ACCESS TUNNEL	Mar-18														10,000				10,000				10,000
MOHAR SING				CONSTRUCTION OF PLAQUE FIXING STRUCTURE INSIDE POWER HOUSE	Mar-18														2,000				2,000				2,000
JGJV				Cons of PH Part HRT TRT etc	Mar-18														-				-				-
FITWELL CORPORATION	S004934			SUPPLY OF TGB OIL COOLER (HOA-410714)	Mar-18														73,400				73,400		38,000		35,400
OBLUM ELECTRICAL	S005028			PURCHASE OF SURGE ARRESTOR-HOA-410714	Mar-18														54,872				54,872		54,872		-
SMILE ENTERPRISES	S006364			PURCHASE OF SOLAR STREET LIGHTS (HOA-412503)	Mar-18														1				1		1		-
VIRTUAL ELECTRONICS	S016997			PURCHASE OF DIZITAL WATER LEVEL RECORDER-412502	Mar-18														36,500				36,500				36,500
NEELSHIVA OVERSEAS	S022789			SUPPLY OF HYDRAULIC SCISSOR PLATFORM-HOA-410713	Mar-18														51,950				51,950				51,950
NEELSHIVA OVERSEAS	S022789			PURCHASE OF HYDRAULIC PALLET TRUCK & DRUM PALLET (HOA-	Mar-18														13,600				13,600				13,600
NEELSHIVA OVERSEAS	S022789			SUPPLY OF SERVER (CS WINDOW SERVER 2016 XEON PREOCESSOR-	Mar-18														54,661				54,661				54,661
NEELSHIVA OVERSEAS	S022789			PURCHASE OF SUBMURSIBLE PUMPS FOR POWER HOUSE-HOA-	Mar-18														742,683				742,683				742,683
ISOTHERMAL TECHNOLOGY PVT	S023284			SUPPLY OF DRY WELL TYPE CALIBRATOR HOA-410713	Mar-18														32,500				32,500				32,500
A & S CREATIONS	S030510			PURCHASE OF ECHO SOUNDER(41-25-03)	Mar-18														9,778				9,778				9,778
NECTOR INFO SYSTEMS (INDIA)	S031740			SUPPLY & INSTALLATION OF 2'2 LED VIDEO WALL & CONTROLLER FOR	Mar-18														133,894				133,894		133,894		-
POOJA INTERNATIONAL	S031742			SUPPLY OF HYRAULIC PULLER, JACKS AND HAND PUMPS -410713	Mar-18														12,000				12,000		12,000		-
MODY PUMPS(INDIA) PVT.	S031827			SUPPLU OF 2 HP-06 PUMPS AND 10 HP-01 SUBMERSIBLE PUMP OF PH	Mar-18														23,818				23,818		23,818		-
BHEL REGIONAL OPERATIONS	S036088			SUPPLY OF 01 NO. 53MVA 13.8/400/3 KV SINGLE PHASE GENERATOR	Mar-18														1,929,000				1,929,000		1,000,000		929,000
METHODEX SYSTEMS PRIVATE	S038736			PURCHASE OF FURNITURE FOR CLUB (HOA-411705)	Mar-18														67,492				67,492		67,492		-
H E M INDUSTRIES	S040694			SUPPLY OF INDUCTION MOTORS FOR HM COMPONENTS (HOA-410714)	Mar-18														66,562				66,562		33,281		33,281
ADVANCE TECHNOLOGY	S040747			PURCHASE OF AUTOMATIC WEATHER STATION WITH BATTERY	Mar-18														22,000				22,000		22,000		-
ASHWANI KUMAR				Cut & cover work of pothyard near Power House(SCH.09/02/2018)(F)	Mar-18														348,460				348,460		348,460		-
KOT KANDI CONSTRUCTION				providing fencing at MAT Area and POT head area (F)	Mar-18														410,138				410,138		410,138		-
KAMAL KANT SHARMA				Kota Stone flooring in MIV floor at EL9 in PH(F)	Mar-18														45,157				45,157		45,157		-
THE SALAIMPUR CO-OP L&C				P/F terrazzo tile flooring in Transformer cavern of underground PH (F)	Mar-18														69,641				69,641		69,641		-
MOHAR SING				1ST & FINAL BILL CONSTRUCTION OF PLAQUE FIXING STRUCTURE	Mar-18														1,970				1,970		1,970		-
KAMAL KANT SHARMA	S006279			CONSTRUCTION OF CANTEEN AT PH(F)	Mar-18														64,186				64,186				64,186

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Name of Major Contractor	Party Code	Sub contract	head	Asset/Work	Year of actual capitalisation	Liability as on 08.08.2014	created	released / adjusted	Reversed	Liability as on 31.03.2015	created	released /adjusted	Reversed	Liability as on 31.03.2016	created	released /adjusted	Reversed	Liability as on 31.03.2017	created	released /adjusted	Reversed	Liability as on 31.03.2018	created	released /adjusted	Reversed	Liability as on 31.03.2019	
THE SALAIMPUR CO-OP L&C				P/F terrazzo tile flooring in Transformer cavern of underground PH (F)	Mar-18														26,209				26,209			26,209	
THE SALAIMPUR CO-OP L&C				const. of Cement cladding wall on both side of MAT at PH (F)	Mar-18														239,413				239,413			239,413	
MOHAR SING				Providing and laying of water supply lines for sprinkling water in parks &	Mar-18														24,593				24,593			24,593	
JAIBIR NATH CONST. PVT. LTD				Channelization of Water Fall near residential Township at Sapangini (F)	Mar-18														22,038				22,038			22,038	
SHANTA KUMAR				1st Ra w/o sub contract MUCK DUMPING SITE WORK AT DAM(F)	Mar-18														139,248				139,248	34,654		173,902	
1 RAJ KUMAR THAKUR				Provisional BILL OF CASTING TETRA POD AT DAM SITE (F)	Mar-18														64,806				64,806			64,806	
2 THE SALAIMPUR CO-OP L&C SOCIETY LTD				const. of Cement cladding wall on both side of MAT at PH (F)	Mar-18														68,396				68,396			68,396	
MOHAR SING				Provisional completion of Construction of Room for ATM counter near Admin. Building, DOC 10/08/2017	Mar-18														5,031				5,031			5,031	
63 DC Kullu				Provision for livelihood assistance	Mar-18														4,937,424				4,937,424			4,937,424	
<b>Total</b>				<b>Apr-17 to Mar-18</b>															<b>26,325,833</b>				<b>26,325,833</b>	<b>2,321,497</b>	<b>11,874,471</b>	<b>2,437,793</b>	<b>14,335,066</b>
O.M.R. CONSTRUCTION COMPANY PVT. LTD				Construction of miscellaneous protection work i.e retaining wall , wire crates , concrete pavement on Surge shaft road	Mar-19																			95,002		95,002	
CHOUHAN ARTS				Printing,Supply and Fixing of Glow Sign Board in Power House of Parbati-III Power Station	Mar-19																			81,478		81,478	
PANNE LAL				Hill Side protection work at Behall to protect 33KVA Substation and existing store	May-18																			18,444		18,444	
O.M.R. CONSTRUCTION COMPANY PVT. LTD				Protection work for 33/11 KV & Existing Store	Mar-19																			606,604		606,604	
O.M.R. CONSTRUCTION COMPANY PVT. LTD				Protection work for 33/11 KV & Existing Store	Mar-19																			171,510		171,510	
R.M. ENTERPRISES				BILL CONSTRUCTION OF BALANCE WORK NON-ECECUTIVE FIELD HOSTEL AT SAPANGINI	Mar-19																			530,985		530,985	
R.M. ENTERPRISES				BILL CONSTRUCTION OF BALANCE WORK NON-ECECUTIVE FIELD HOSTEL AT SAPANGINI	Mar-19																			594,441		594,441	
J K SETH, KULLU				Providing 11 KV supply from 33/11 KV substation Behall to power house through AB cable Circuit- (SCH07/05/2015)( pending bill)	Mar-19																			160,652		160,652	
KAMAL KANT SHARMA				CONSTRUCTION OF SEWER LINE AND MANHOLE FOR T/S COMPLEX AT SAPANGINI(pending final)	Mar-19																			103,234		103,234	



Name of Major Contractor	Party Code	Sub contract	head	AssetWork	Year of actual capitalisation	Liability as on 08.08.2014	created	released / adjusted	Reversed	Liability as on 31.03.2015	created	released /adjusted	Reversed	Liability as on 31.03.2016	created	released /adjusted	Reversed	Liability as on 31.03.2017	created	released /adjusted	Reversed	Liability as on 31.03.2018	created	released /adjusted	Reversed	Liability as on 31.03.2019	
BHARAT ELECTRICAL				providing 11KV power supply from 33 KV Sub station Behali to Admn building & Surge shaft( final bill pending)	Mar-19																		176,112			176,112	
SHARMA LIGHT HOUSE				Providing 11 KV POWER SUPPLY FROM 33 KV SUBSTATION TO PH CIRCUIT-II	Mar-19																		88,443			88,443	
ADVANCE EQUIPMENT AND PROJECT PRIVATE Ltd				BILL SUPPLY, INSTALLATION COMMISSIONING INCLUDING OPERATION AND MAINTENANCE OF 80 KLD SEWERAGE TREATMENT PLANT FOR SAPANGNI																			265,004			265,004	
O.M.R. CONSTRUCTION COMPANY PVT. LTD				Construction of Stage at office complex																			20,715			20,715	
ADVANCE EQUIPMENT AND PROJECT PRIVATE				SUPPLY, INSTALLATION COMMISSIONING INCLUDING OPERATION AND MAINTENANCE OF 80 KLD SEWERAGE TREATMENT PLANT FOR SAPANGNI TWONSHIP	Mar-19																		500,303			500,303	
NEELSHIVA OVERSEAS				ELECTRIC OPERATED 3 PHASE SIREN RANGE 5 KM	Mar-19																		6,232			6,232	
SHALOM ENTERPRISES				SUPPLY, ERECTION, INSTALLATION & COMMISSIONING OF BOOM BARRIERS-412503 PD11918/222	Mar-19																		107,343			107,343	
MICROMAP ELECTRONIC SYSTEMS PVT. LTD.				SUPPLY OF DIGITAL TRANSRECEIVER HANDHELD RADIO SETS THRU GeM	Mar-19																		79,868			79,868	
AMES IMPEX ELECTRICALS PVT LTD				SUPPLY OF DRY TYPE, UNIT AUXILIARY TRANSFORMER (4000 KVA) AND STATION AUXILIARY TRANSFORMER (2500 KVA)-410714	Mar-19																		648,500			648,500	
POWERTORC				PURCHASE OF TORQUE WRENCH PUMP HOA-410713 RS. 238000/- AND HOA-920104 RS. 38232/-	Mar-19																		23,240			23,240	
KARNATAKA ENGINEERING ENTERPRISES				TGB OIL COOLER ALONG WITH ACCESSORIES, DRG NO 30017261	Mar-19																		308,934			308,934	
DIGITECH ELECTRONIC SYSTEMS PRIVATE LIMITED				PERSONAL COMPUTER	Mar-19																		69,200			69,200	
63 DC Kullu				Provision for livelihood assistance	Mar-19																		7,030,376			7,030,376	
9 OM METALS SPML(JV)	8002557	OM METAL	J POWER	Works supply of all equipments and materials including mandatory tools and teckless and mandatory spares for HM Works of PHEP-3	Mar-19																		35,500			35,500	
<b>Total</b>				<b>Apr-18 to Mar-19</b>																				<b>11,722,120</b>			<b>11,722,120</b>
<b>Grand total</b>						<b>699,066,437</b>	<b>37,796,108</b>	<b>263,237,486</b>	<b>70,537</b>	<b>383,554,522</b>	<b>212,215,348</b>	<b>251,254,328</b>	<b>-</b>	<b>344,515,542</b>	<b>111,139,421</b>	<b>117,687,928</b>	<b>593,171</b>	<b>337,373,864</b>	<b>26,581,217</b>	<b>26,671,421</b>	<b>333,474</b>	<b>336,950,186</b>	<b>14,022,005</b>	<b>34,097,707</b>	<b>3,441,736</b>	<b>313,432,748</b>	

For DSP & Associates  
Chartered Accountants



For NHPCL Limited  
(M G Gokhale)  
GM (Comm)

# **ANNEX-II**



FORM- 1

## Summary Sheet

Name of the Petitioner : NHPC Limited

Name of the Generating Station : Parbati-III Power Station

Place (Region/District/State) : Northern/Kullu/ Himachal Pradesh

(₹ 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
1.1	Depreciation	13,168.86	13,242.24	13,296.96	13,308.09	13,308.09	13,308.09
1.2	Interest on Loan	10,597.41	9,693.08	8,686.11	7,658.01	6,464.31	5,059.91
1.3	Return on Equity <sup>1</sup>	17,122.14	16,271.68	16,335.86	16,347.81	16,347.81	16,347.81
1.4	Interest on Working Capital	1,420.30	970.42	974.51	977.66	978.81	977.67
1.5	O & M Expenses	8,673.15	7,793.23	8,164.75	8,553.96	8,961.73	9,388.95
	<b>Total</b>	<b>50,981.86</b>	<b>47,970.64</b>	<b>47,458.19</b>	<b>46,845.53</b>	<b>46,060.76</b>	<b>45,082.42</b>

Note

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

2. Tariff petition for the period 2019-24 is based on projected expenditures approved by Board of Directors during 427<sup>th</sup> board meeting held on 17.09.2019.

For D S P & Associates  
Chartered Accountants  
FRN: 006791N

(CA Atul Jain)  
Partner  
M.No.: 091431  
UDIN : 19091431AAARAT3556



For NHPC LTD.

(M G Gokhale)  
GM (Comml.)  
Commercial Division

Name of the Petitioner : NHPC LIMITED  
 Name of the Generating Station : Parbati-III Power Station  
 Place (Region / District / State) : Northern/Kullu/ Himachal Pradesh

## 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	270,418.73	272,205.07	272,661.15	272,661.15	272,661.15
2	Add : Addition during the year / period	1,250.62	111.00	0.00	0.00	0.00
3	Less : De-capitalisation during the year / period	0.94	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	536.66	345.08	0.00	0.00	0.00
6	Closing Capital Cost	272,205.07	272,661.15	272,661.15	272,661.15	272,661.15
7	Average Capital Cost	271,311.90	272,433.11	272,661.15	272,661.15	272,661.15

## 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	270,418.73	272,119.35	272,464.43	272,464.43	272,464.43
2	Add : Addition during the year / period	1,164.90	0.00	0.00	0.00	0.00
3	Less : De-capitalisation during the year / period	0.94	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	536.66	345.08	0.00	0.00	0.00
6	Closing Capital Cost	272,119.35	272,464.43	272,464.43	272,464.43	272,464.43
7	Average Capital Cost	271,269.04	272,291.89	272,464.43	272,464.43	272,464.43

## 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	85.72	196.72	196.72	196.72
2	Add : Addition during the year / period	85.72	111.00	0.00	0.00	0.00
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	Closing Capital Cost	85.72	196.72	196.72	196.72	196.72
7	Average Capital Cost	42.86	141.22	196.72	196.72	196.72

For D S P & Associates  
 Chartered Accountants

For NHPC Limited



(M G Gokhale)  
 General Manager (Comml.)

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : Tanakpur Power Station

Place (Region / District / State) : Northern / Uttarakhand / Champawat

**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)	81,125.62	81,635.81	81,739.33	81,739.33	81,739.33
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)	81,125.62	81,635.81	81,739.33	81,739.33	81,739.33
5	Add : Increase in equity due to addition during the year/period	349.47	0.00	0.00	0.00	0.00
6	Less : Decrease due to de-capitilization during the year/period	0.28	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	161.00	103.52	0.00	0.00	0.00
9	Net closing Equity(Normal)	81,635.81	81,739.33	81,739.33	81,739.33	81,739.33
10	Average Equity (Normal)	81,380.71	81,687.57	81,739.33	81,739.33	81,739.33
11	Rate of ROE	19.993%	19.993%	19.993%	19.993%	19.993%
12	<b>Total ROE</b>	<b>16270.45</b>	<b>16331.80</b>	<b>16342.14</b>	<b>16342.14</b>	<b>16342.14</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	25.72	59.02	59.02	59.02
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	25.72	59.02	59.02	59.02
5	Add : Increase in equity due to addition during the year/period	25.72	33.30	0.00	0.00	0.00
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)]	25.72	59.02	59.02	59.02	59.02
10	Average Equity [pertaining to Proviso to Regulation 30(2)]	12.86	42.37	59.02	59.02	59.02
11	Rate of ROE (weighted average rate of interest on actual loan portfolio)	9.597%	9.597%	9.597%	9.597%	9.597%
12	<b>Total ROE</b>	<b>1.23</b>	<b>4.07</b>	<b>5.66</b>	<b>5.66</b>	<b>5.66</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 D S P & Associates  
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 : Parbati-III 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	520			520		
2	Free power to home state	%	12			12		
3	Free power under Local Area Development Fund (LADAF)	%	1			1		
4	Date of commercial operation (actual / anticipated)							
	Unit-1 &2		24.03.2014	24.03.2014				
	Unit-3		30.03.2014	30.03.2014				
	Unit-4		06.06.2014	06.06.2014				
5	Type of Station							
	a) Surface / underground					Underground		
	b) Purely ROR / Pondage / Storage					ROR having diurnal Storage *		
	c) Peaking / non-peaking					Peaking*		
	d) No. of hours of peaking					Minimum 3 Hrs**		
	e) Overload capacity (MW) & period					143.1 MW/machine & continuous per machine		
6	Type of excitation							
	a) Rotating exciters on generator							
	b) Static excitation					Static		
7	Design Energy (Annual) <sup>1</sup>	GWh				1963.29 <sup>#</sup>		
8	Auxiliary Consumption including Transformation losses	%	1.2			1.2		
8	Normative Plant Availability Factor (NAPAF)		68			43		
9.1	Maintenance Spares for WC	% of O&M	15			15		
9.2	Receivables for WC	in Months	2			1.5		
9.3	Base Rate of Return on Equity	%	16.50%	16.50%				
9.4	Base Rate of Return on Equity on Add. Capitalization*	%	7.77%	7.92%				
9.5	Tax Rate <sup>2</sup>	%	21.549%	17.472%				
9.6	Effective Tax Rate <sup>4</sup>		22.157%	17.472%				
9.7	Bank Rate (MCLR) + base points as on 01.04.2019 <sup>3</sup>	%	13.50%	12.05%				

- Month wise 10-day Design energy figures to be given separately with the petition.
- Tax rate applicable to the company for the year FY 2018-19 should also be furnished.
- 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.

\* Weighted Average Rate of Interest applicable to NHPC as a whole for the FY 2018-19 is considered for the tariff period 2019-24 for calculating ROE on Add. Capitalization.

Note: Effective tax rate for 2019-20 will be known only after financial year closure. Hence, effective tax rate of FY 2018-19 has been considered for grossing up of ROE for the period 2019-24.

- \* As considered by CERC vide order dtd. 25.06.2014 in petition no. 228/GT/2013.  
\*\* CERC vide order dtd. 25.06.2014 in petition no. 228/GT/2013 has allowed peaking in two slots of morning & Evening each for 1.5 Hours

For D S P & Associates  
Chartered Accountants



For NHPC LTD.

(M G Gokhale)  
GM (Comm.)

## SALIENT FEATURES OF HYDROELECTRIC PROJECT

Name of the Petitioner : NHPC Limited  
Name of the Generating Station : Parbati-III Power Station

<b>1. Location</b>	
State / Distt.	Himachal Pradesh / Kullu
River	Sainj
<b>2. Diversion Channel</b>	
Size, shape	2 nos, 6.75m, Horse Shoe Shape
Length	401m & 460 m
<b>3. Dam</b>	
Type	Rockfill with Clay Core
Maximum dam height (M)	43m
<b>4. Spillway</b>	
Type	Orifice Type
Crest level of spillway (M)	EL 1298 m
<b>5. Reservoir</b>	
Full Reservoir Level (FRL) (M)	EL 1330 m
Minimum Draw Down Level (MDDL)	EL 1314 m
Live storage (MCM)	1.2825
<b>6. Desilting Chamber</b>	
Type	Dufour Type
Number and Size	2 Nos., 250 m X 12.2 m X 22.5 m
Particle size to be removed (mm)	90% of 0.30 mm and above
<b>7. Head Race Tunnel</b>	
Size and type	7.25 m, Horse-Shoe
Length (M)	7875 m
Design discharge (Cumecs)	177 m <sup>3</sup> /sec
<b>8. Surge Shaft</b>	
Type	Restricted Orifice type
Diameter (M)	13 m
Height (M)	148.75 m
<b>9. Penstock/Pressure shafts</b>	
<b>Pressure Shaft</b>	
No. & Type	2 Nos., Underground Circular, steel lined
Diameter	4.50 m
Length upto mainfold	496 m & 446 m
<b>Individual Penstocks</b>	
No. & Type	4 Nos, Underground Circular, steel lined
Diameter & length	3.0 m, 37.90m each up to bifurcation
<b>10. Power House</b>	
Installed capacity (No of units x MW)	520 MW (4 X 130 MW)
Type of turbine	Vertical Francis
Rated Head (M)	326
Rated Discharge (Cumecs)	177
Head at Full Reservoir Level (M)	332.4
Head at Minimum Draw down Level (M)	315.6
MW Capability at FRL	146 MW (Output per turbine at max net head and rated speed)
MW Capability at MDDL	138.34 MW ( output per turbine at min net head and rated speed with full GV opening)
<b>11. Tail Race Tunnel</b>	
Diameter (M), shape	8.1 m, Horse Shoe
Length (M)	2700.00 m
Minimum tail water level	975.08 m-Correspondance to one unit in operation
<b>12. Switchyard</b>	
Type of Switch gear	GIS
No. of generator bays	4
No. of Bus coupler bays	1
No. of line bays	2 + 1 Spare future bay

Note : Specify limitation on generation during specific time period on account of restriction(s) on water use due to irrigation, drinking water, industrial, environmental considerations etc.

For D S P & Associates  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
GM (Comm.)

**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 **Parbati-III Power Station**  
 Exchange rate as on COD **NOT APPLICABLE**  
 Exchange rate as on 31.03.2019 **NOT APPLICABLE**

Figures in lakhs

Financing Year Starting from COD	Year 1				Year 2				Year 3 and so on			
	Date	Amount in Foreign Currency	Exchange Rate (Rs)	Amount (Rs.)	Date	Amount in Foreign Currency	Exchange Rate(Rs)	Amount (Rs.)	Date	Amount in Foreign Currency	Exchange Rate (Rs)	Amount (Rs.)
<b>Currency1 CAD</b>												
A 1 At the date of Drawal <sup>2</sup>												
2 Schedule repayment date of Principal												
3 Schedule 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> CAD</b>												
A 1 At the date of Drawal <sup>2</sup>												
ERV												
2 Schedule repayment date of Principal												
3 Schedule 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> CAD</b>												
A 1 At the date of Drawal <sup>2</sup>												
ERV												
2 Schedule repayment date of Principal												
3 Schedule 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

<sup>1</sup> Name of the Currency to be mentioned e.g US \$ ,DM,etc.

<sup>2</sup> In case of more than one drawl during the year ,Exchangr Rate at the date of each drawl to be given.

<sup>3</sup> 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.

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

For D S P & Associates  
Chartered Accountants

For NHPC Limited



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*(Signature)*  
(M G Gokhale)  
GM (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	Parbati-III Power Station
Exchange rate as on COD	NOT APPLICABLE
Exchange rate as on 31.03.2019	NOT APPLICABLE

Figures in lakhs

Financing Year Starting from COD	Year 1			Year 2			Year 3 and so on					
	Date	Amount (Foreign Currency)	Exchange Rate (Rs)	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate (Rs)	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate (Rs)	Amount (Rs.)
<b>Currency1</b>												
A 1 At the date of infusion <sup>2</sup>												
2												
3												
4												
<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												
4												
<b>Currency4<sup>1</sup> &amp; so on</b>												
A 1 At the date of infusion <sup>2</sup>												
2												
3												

NOT APPLICABLE

<sup>1</sup> Name of the Currency to be mentioned e.g US \$ ,DM,etc.

<sup>2</sup> In case of equity infusion more than once during the year, Exchange Rate at the date of each infusion to be given.

**For D S P & Associates**  
Chartered Accountants

For NHPC Limited



*(Signature)*  
**(M G Gokhale)**  
GM (Comm.)

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

Name of the Petitioner: NHPC Limited  
Name of the Generating Station: Parbati-III Power Station

	<b>Capital Cost as admitted by CERC</b>	Rs. 187147.46 lakh
a)	<b>Capital cost admitted as on 31.03.2014</b>	As per order dated 05.04.2019 in petition no. 07/GT/2017
	(Give reference of the relevant CERC Order with Petition No. & Date)	
b)	Foreign Component, if any (In Million US \$ or the relevant Currency)	<b>Not Applicable</b>
c)	Foreign Exchange rate considered for the admitted Capital cost (Rs Lakh)	
d)	Total Foreign Component (Rs. Lakh)	
e)	Domestic Component (Rs. Lakh.)	
f)	Hedging cost, if any, considered for the admitted Capital cost (Rs Lakh)	
	<b>Total Capital cost admitted (Rs. Lakh) (d+e+f)</b>	

**For D S P & Associates  
Chartered Accountants**



**For NHPC Limited**

*(Signature)*  
**(M G Gokhale)  
GM (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 : **Parbati-III Power Station**

**New Projects****Capital Cost Estimates**

Board of Director/ Agency approving the Capital cost estimates:		
Date of approval of the Capital cost estimates:		
Price level of approved estimates	<b>Present Day Cost</b> As on end of _____ qtr. of the year	<b>Completed Cost</b> 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)	<b>NOT APPLICABLE</b>	
Domestic Component (Rs. Lakh)		
<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)	<b>NOT APPLICABLE</b>	
Domestic Component (Rs. Lakh)		
<b>Total IDC, IEDC, FC, FERV &amp; Hedging Cost (Rs. Lakh)</b>		
Rate of taxes & duties considered		
<b>Capital cost including IDC, IEDC, FC, FERV &amp; Hedging Cost</b>		
Foreign Component, if any (In Million US \$ or the relevant currency)	<b>NOT APPLICABLE</b>	
Domestic Component (Rs. Lakh)		
<b>Capital cost including IDC, IEDC &amp; FC (Rs. Lakh)</b>		
<b>Schedule of Commissioning as per investment approval</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 D S P & Associates  
Chartered Accountants



For NHPC LTD.

  
(M G Gokhale)  
GM (Comm.)

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

Name of the Petitioner : NHPC LIMITED

Name of the Generating Station : PARBATH-III 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 & Plans					
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 & Desilling 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 DSP & Associates  
Chartered Accountants

Partner



For NHPC LTD.

M G Gokhale  
GM (Comm.)  
Commercial Division

## Break-up of Capital Cost for Plant &amp; Equipment (New Projects)

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Parbati-III 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 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 (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 equipt. &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>				

NOT APPLICABLE

## 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 D S P & Associates  
Chartered Accountants



For NHPC LTD.

(M G Gokhale)  
GM (Comm.)

Break-up of Construction/Supply/Service packages

Name of the Petitioner :  
Name of the Generating Station :

NHPC Limited  
Parbati-III 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)	<b>NOT APPLICABLE</b>				
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)					

**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 D S P & Associates  
Chartered Accountants



For NHPC LTD.

  
(M G Gokhale)  
GM (Comml.)

In case there is cost over run

Name of the Petitioner :  
Name of the Generating Station :

NHPC Limited  
Parbati-III Power Station

Sl. No.	Break Down	Original cost as approved by Board Members (₹ Lakh)	Actual / Estimated Cost as incurred / to be incurred (₹ 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		
1.0	Cost of Land & Site Development					
1.1	Land*					
1.2	Rehabilitation & Resettlement (R&R)					
1.3	Preliminary Investigation & Site Development					
2.0	Plant & Equipment					
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>					
2.4	BOP Electrical					
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>					
2.5	Control & Instrumentation (C & I) Package					
	<b>Total Plant &amp; Equipment excluding taxes &amp; Duties</b>					
3	Initial Spares					
4	Civil Works					
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	Construction & Pre- Commissioning Expenses					
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	Overheads					
6.1	Establishment					
6.2	Design & Engineering					
6.3	Audit & Accounts					
6.4	Contingency					
	<b>Total Overheads</b>					
7.0	Capital cost excluding IDC & FC					
8.0	IDC, FC, FERV & Hedging Cost					
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	Capital cost including IDC, FC, FERV & Hedging Cost					

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 D S P & Associates  
Chartered Accountants



For NHPC LTD.

*(Handwritten Signature)*  
(M G Gokhale)  
GM (Comm.)

In case there is time over run

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Parbati-III 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		<b>NOT APPLICABLE</b>											
3													
4													
5													
6													
7													
8													
9													
10													

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 D S P & Associates  
Chartered Accountants

For NHPC LTD.

  
(M G Gokhale)  
GM (Comml.)



## Financial Package upto COD

Name of the Petitioner

NHPC Limited

Name of the Generating Station

Parbati-III Power Station

Project Cost as on COD<sup>1</sup>

253864.11 lacs

Date of Commercial Operation of the Station<sup>2</sup>

COD	UNIT #1 & UNIT #2	24.03.2014
	UNIT #3	30.03.2014
	UNIT #4	06.06.2014

(Amount in lacs)

1	Financial Package as Approved		Financial Package as on COD		As Admitted on COD	
	2	3	4	5	6	7
FOREIGN LOAN				0		
LIC			INR	24662.79		
UCO BANK			INR	17500.00		
INDIAN OVERSEAS BANK			INR	20000.00		
PUNJAB & SIND BANK			INR	7000.00		
CORPORATION BANK			INR	5973.00		
CANARA BANK			INR	15000.00		
SYNDICATE BANK			INR	2227.00		
Q-SERIES BONDS			INR	9000.00		
R-SERIES BONDS			INR	24792.00		
State Bank of India			INR	10000.00		
State bank of Hyderabad			INR	11875.00		
1A Tax Free Bond			INR	1481.36		
1B Tax Free Bond			INR	3200.00		
*NORMATIVE LOAN / FRESH BORROWINGS			INR	24993.72		
<b>Total Loan</b>				<b>177704.87</b>		
<b>Equity</b>			INR			
Domestic			INR	76159.23		
<b>TOTAL EQUITY</b>				<b>76159.23</b>		
Debt : Equity Ratio	70:30		70.00	30.00		

\*Balancing figure has been considered as Fresh Loans/Bonds w.e.f. 06.06.2014 at weighted average cost of debts of Parbati-III (Annualized rate 10.05%) for a period of 12 years with 6 months moratorium period after commissioning.

<sup>1</sup> Say Rs. 80 Cr. + US \$ 200 m or Rs.1320 Cr. including US \$200 m at an exchange rate of US \$=Rs.62/-

<sup>3</sup> For example : US \$, 200M etc.etc

(Rs in Crs)

Capital cost excluding IDC &FC	2002.37
IDC,FC& Hedging cost	596.18
ERV on contractual payments	0.00
Capital cost including IDC &FC	2598.55
Less: Liabilities to be discharged*	59.91
Net Capital Cost as on COD i.e. 06.06.2014	2538.64

\*Loan/IPO proceeds on 70:30 will be deployed for discharging the deferred liabilities of Rs 59.91 crore (Rs. 41.93 Cr as debt and Rs. 17.98 Cr as equity)after COD i.e. 06.06.2014.

For D S P & Associates  
Chartered Accountants

For NHPC Limited



*(Signature)*  
(M G Gokhale)  
GM (Comml.)

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## Details of Project Specific Loans

Name of the Company: NHPC LTD  
Name of the Power Station: PARBATI-III

(Amount in lakh)

Particulars	Package 1	Package 2	Package 3	Package 4	Package 5
1	2	3	4	5	6
Source of Loan <sup>1</sup>	<b>NORMATIVE LOAN / FRESH BORROWINGS*</b>				
Currency <sup>2</sup>	INR				
Amount of Loan sanctioned					
Amount of Gross Loan drawn upto 31.03.2019/COD <sup>3,4,5,13,15</sup>					
Interest Type <sup>6</sup>	Fixed				
Fixed Interest Rate, if applicable#	8.10%				
Base Rate, if Floating Interest <sup>7</sup>	N.A.				
Margin, if Floating Interest <sup>8</sup>	N.A.				
Are there any Caps/Floor <sup>9</sup>	N.A.				
If above is yes,specify caps/floor	N.A.				
Moratorium Period <sup>10</sup>					
Moratorium effective from					
Repayment Period <sup>11</sup>					
Repayment effective from					
Repayment Frequency <sup>12</sup>					
Repayment Instalment <sup>13,14</sup>					
Base Exchange Rate <sup>16</sup>					
Are Foreign currency hedged?					
If above is yes,specify details.17					

#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 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.

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- <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 seperately
- <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 seperately.
- <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.
- 17 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 seperately.
- 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 D S P & Associates  
Chartered Accountants**



**For NHPC Limited**

  
**(M G Gokhale)  
GM (Comml.)**

## Details of Allocation of corporate loans to various projects

Name of the Company NHPC Ltd.  
Name of the Power Station Parbati-III Power Station

(Amount in Lakh)

Particulars	Package 1	Package 2	Package 3	Package 4	Package 5	Package 6	Package 7	Package 8	Package 9	Package 10	Package 11	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13
Source of Loan <sup>1</sup>	LIC	Q-SERIES BONDS	R-2 SERIES BONDS	1-A SERIES Tax Free BONDS	1-B SERIES Tax Free BONDS	S-1 SERIES BONDS	S-2 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	INR	
Amount of Loan sanctioned	650000	126600	38208	5081.36	6076.98	36500	66000	77500	147500	150000	75000	
Amount of Gross Loan drawn upto 31.03.2019/ROD <sup>3,4,5,13,15</sup>	189600	126600	38208	5081.36	6076.98	36500	66000	77500	147500	150000	75000	
Interest Type <sup>6</sup>	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	
Fixed Interest Rate, if applicable	N.A.	9.25%	8.85%	8.18%	8.43%	8.49%	8.54%	6.84%	7.52%	6.91%	7.35%	
Base Rate, if Floating Interest <sup>7</sup>	Annualized yield of 13 year G-Sec rate+75 bps up to 31.03.2012, Weighted Average applicable rate of 9.118% w.e.f. 01.04.2012	NA	NA	NA	NA	NA	NA	NA	NA	N.A.	N.A.	
Margin, if Floating Interest <sup>8</sup>	75bps	NA	NA	NA	NA	NA	NA	NA	NA	N.A.	N.A.	
Are there any Caps/Floor <sup>9</sup>	Yes	NA	NA	NA	NA	NA	NA	NA	NA	N.A.	N.A.	
If above is yes, specify caps/floor	6.5%(Floor)	NA	NA	NA	NA	NA	NA	NA	NA	N.A.	N.A.	
Moratorium Period <sup>10</sup>	7 Years 2&1/2 Months	4 YEARS	3 YEARS	10 YEARS	10 YEARS	1 YEARS	4 YEARS	1 Years	6 Years	1 YEARS	6 YEARS	
Moratorium effective from	17-02-05	12-03-12	11-02-13	02-11-13	02-11-13	26/11/2014	26/11/2014	24-01-17	06-06-17	15-09-17	15-09-17	
Repayment Period <sup>11</sup>	12 Years	12 YEARS	12 YEARS	Bullet	Bullet	10 YEARS	12 YEARS	5 Years	10 Years	5 YEARS	5 YEARS	
Repayment effective from	30-04-12	12-03-16	11-02-16	02-11-23	02-11-23	26/11/2015	26/11/2018	24-01-18	06-06-23	15-09-18	15-09-23	
Repayment Frequency <sup>12</sup>	HALF YEARLY	ANNUALLY	ANNUALLY	Bullet	Bullet	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	
Repayment Instalment <sup>11,14</sup>	7900.00	10550.00	3184.00	5081.36	6076.98	3650.00	5500.00	15500.00	29500.00	30000	15000	
Base Exchange Rate <sup>16</sup>	N.A.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Are Foreign currency hedged?	N.A.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
If above is yes, specify details. <sup>17</sup>	N.A.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Distribution of loan packages to various projects												
Name of the Projects												Total
Sewa-II	13600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7227.50	0.00	20827.50
TLDP-III	16000.00	4500.00	0.00	0.00	0.00	0.00	0.00	13083.33	9166.67	19262.42	8888.42	70900.84
Uri-II	23078.00	6000.00	0.00	3600.00	0.00	26329.00	0.00	31094.63	19251.87	9456.20	9837.77	128647.46
Subansiri Lower	72841.00	86600.00	0.00	0.00	0.00	0.00	0.00	0.00	26584.16	4793.34	5000.25	195818.75
Chamera-III	27850.00	6000.00	0.00	0.00	0.00	0.00	0.00	10235.70	11377.80	0.00	0.00	55463.50
Parbati-III	31153.00	9000.00	24792.00	1481.36	3200.00	8302.00	2888.00	21926.08	30466.42	9898.08	9372.53	152479.47
Nimmo-Bazgo	5078.00	0.00	0.00	0.00	0.00	644.00	0.00	259.87	288.75	4826.45	3857.57	14954.64
Parbati-II	0.00	14000.00	0.00	0.00	0.00	0.00	37745.00	0.00	45701.67	78508.44	26181.14	202136.24
Chutak	0.00	500.00	0.00	0.00	0.00	1225.00	0.00	33.00	36.67	2949.17	171.54	4915.37
Kishanganga	0.00	0.00	0.00	0.00	0.00	0.00	5343.00	867.38	4626.00	1784.63	1447.12	14068.12
Teesta-V	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1860.00	0.00	1860.00
TLDP-IV	0.00	0.00	13416.00	0.00	2876.98	0.00	20024.00	0.00	0.00	9433.79	10243.67	55994.43
Total	189600.00	126600.00	38208.00	5081.36	6076.98	36500.00	66000.00	77500.00	147500.00	150000.00	75000.00	918066.34



Source of Loan <sup>1</sup>	LIC	Q-SERIES BONDS	R-2 SERIES BONDS	1-A SERIES Tax Free BONDS	1-B SERIES Tax Free BONDS	S-1 SERIES BONDS	S-2 SERIES BONDS	V SERIES BONDS	V2 SERIES BONDS	W1 - SERIES BONDS	W2 - SERIES BONDS
<sup>1</sup> Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, JFC, 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 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 31.03.2019 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 D S P & Associates  
Chartered Accountants



For NHPC Limited

*(Signature)*  
(M G Gokhale)  
GM (Comml.)

## LOAN DISBURSEMENT DETAILS &amp; INTEREST RATE OF PARBATI-III

Name of the Company  
Name of the Power StationNHPC Ltd.  
Parbati-III 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	Rate on Interest on the date of Reset	Date of reset
		Package 1	Package 2	Package 3	Package 4	Package 5		
1	Life Insurance Corporation of India Ltd.	24.08.2007	9353.00	9.11%	9.118%	01.04.2012		
		02.01.2008	14000.00	8.88%	9.118%	01.04.2012		
		18.03.2008	2500.00	8.78%	9.118%	01.04.2012		
		30.06.2008	5300.00	9.78%	9.118%	01.04.2012		
			<b>31153.00</b>					
2	Q-Series Bonds	12.03.2012	9000.00	9.25%				
			<b>9000.00</b>					
3	R-2Series Bonds	11.02.2013	24792.00	8.85%				
			<b>24792.00</b>					
4	1A Series Tax Free Bonds	02.11.2013	1481.36	8.18%				
			<b>1481.36</b>					
5	1B Series Tax Free Bonds	02.11.2013	3200.00	8.43%				
			<b>3200.00</b>					
6	S-1 Series Bonds	26.11.2014	8302.00	8.49%				
			<b>8302.00</b>					
7	S-2 Series Bonds	26.11.2014	2888.00	8.54%				
			<b>2888.00</b>					
8	V SERIES BONDS	24-01-17	21926.08	6.84%				
			<b>21926.08</b>					
9	V2 SERIES BONDS	06-06-17	30466.42	7.52%				
			<b>30466.42</b>					
10	W1 - SERIES BONDS	15-09-17	9898.08	6.91%				
			<b>9898.08</b>					
11	W2 - SERIES BONDS	15-09-17	9372.53	7.35%				
			<b>9372.53</b>					
	<b>TOTAL (1 to 11)</b>		<b>152479.47</b>					



## Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station: Parbati-III Power Station  
 COD : 06.06.2014

(Amount in lakh)

S. No.	Head of Work / Equipmen	Head of Accounts (HOA)	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Admitted cost by the Commission, if any
			Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
(1)	(2)		(3)	(4)	5=(3-4)	(6)	(7)	(8)	(9)
<b>2019-20</b>									
A	Allowed by Commission 2014-19								
A-1									
1	Balance Works of A-Type Quarters & AIREF Enginnering Pvt. Ltd.:Construction of A - Type qaurters at Sapangini.	410325	208.62	-	208.62	-	Regulation 25 (i)	Within Original Scope of Work. Due to poor participation from bidders as well as poor performance of contractor, item could not be capitalized during the tariff petition period 2014-19. This item is required for providing residential facility to the employees posted at remote locations.Work is likely to be completed in 2019-20.	314.62
2	Construction of Fire station	410328	45.00	-	45.00		Regulation 25 (i)	Within Original Scope of Work. Due to poor participation from bidders as well as poor performance of contractor, item could not be capitalized during the tariff petition period 2014-19. There is no fire station at power station, hence required to meet out any eventuality in case of fire at power station.Work is likely to be completed in 2019-20.	40.00
3	Development of E&M Store area	410306	47.00	-	47.00		Regulation 25 (i)	Within Original Scope of Work. Due to poor participation from bidders, item could not be capitalized during the tariff petition period 2014-19. E&M Store is required for proper, safe storage of power station equipments..Work is likely to be completed in 2019-20.	175.00
4	Additional capitalistion of Construction of Non Executive field Hostels	410321	6.00	-	6.00		Regulation 25 (i)	Within Original Scope of Work.This item was capitalised in F.Y 2018-19. However additional Capitalisation is required due to GST Impact for the work ececuted in Post GST Regime Period..	135.00
5	Additional capitalistion of Protection work at Old Behali for 33/11 KV Sub-Station and existing stores of Parbati-III Power Station	410303	2.36	-	2.36		Regulation 25 (i)	Within Original Scope of Work. This item was capitalised in F.Y 2018-19. However additional Capitalisation is required due to GST Impact for the work ececuted in Post GST Regime Period..	6.96



S. No.	Head of Work / Equipmen	Head of Accounts (HOA)	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Admitted cost by the Commission, if any
			Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
(1)	(2)		(3)	(4)	5=(3-4)	(6)	(7)	(8)	(9)
6	Construction of first floor on Dam Control Room	410601	17.52	-	17.52		Regulation 25 (i)	Within Original Scope of Work.Due to poor performance of contractor the item could not be capitalized during the tariff petition period 2014-19. The work completed in April-2019 due to very slow progress of work.	20.50
7	Construction of CISF Barrack at Sallah near audit-1 for Parbati-III Power station	410328	107.83	-	107.83	-	Regulation 25 (i)	Within Original Scope of Work.Due to poor performance of contractor, item could not be capitalized during the tariff petition period 2014-19. This item is required for providing residential facility to the CISF Posted at Parbati-III Power station for Security.Work is likely to be completed in 2019-20	110.00
8	Construction of boundary wall/ fencing around proposed CISF area at Sallah for Parbati-III PS	410328	37.81	-	37.81		Regulation 25 (i)	Within Original Scope of Work. Due to poor participation from bidders, item could not be capitalized during the tariff period 2014-19. This item is required for providing security to the CISF complexes at Parbati-III Power station Work is likely to be completed in 2019-20	45.00
9	Construction of CISF Mess and Dinning Hall at Sallah near Adit-1 for Parbati-III Power Station	410328	38.70	-	38.70		Regulation 25 (i)	Within Original Scope of Work. Due to poor participation from bidders, item could not be capitalized during the tariff period 2014-19. This item is required for providing mess and dinning facility to the CISF Posted at Parbati-III Power station for Security.Work is likely to be completed in 2019-20	40.00
10	Acoustical treatment of Auditorium around Admin building at Behali	410304	116.94	-	116.94		Regulation 25 (i)	Within Original Scope of Work. Due to poor participation from bidders, item could not be capitalized during the tariff petition period 2014-19. The Civil Works and other Electrical works completed in 2018-19. However seating arrangement is likely to be completed in July-2019. The Work/Item is to be capitalised in 2019-20.	80.00
11	Additional capitalisation of Construction of balance work of one no. D-Type special, two block( Four Quarter) of D type and external boundary wall including Security cabin and main gate for Sapangin Township for Parbati-III PS	410325	17.60		17.60		Regulation 25 (i)	Within Original Scope of Work. This item was capitalised in F.Y 2017-18. However additional Capitalisation is required due to GST Impact for the work executed in Post GST Regime Period..	256.57



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S. No.	Head of Work / Equipmen	Head of Accounts (HOA)	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Admitted cost by the Commission, if any
			Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
(1)	(2)		(3)	(4)	5=(3-4)	(6)	(7)	(8)	(9)
12	Additional capitalisation of Construction of Internal boundary wall and gate around D-Spl and D type quarters at Sapangini township for PHEP-III PS	410325	5.95		5.95		Regulation 25 (i)	Within Original Scope of Work. This item was capitalised in F.Y 2017-18. However additional Capitalisation is required due to GST Impact for the work executed in Post GST Regime Period.	8.29
13	Supply, installation and Commissioning of electric fired inclinor with provision of covered shed at spangani Town ship complex of parbati-III Power station.	411202	10.50		10.50		Regulation 25 (i)	Within Original Scope of Work. Due to poor participation from bidders as well as poor performance of the contractor, item could not be capitalized during the tariff petition period 2014-19. The work completed. This item is statutory compliance of Pollution Control Board for Safe Disposal of Solid Waste.	15.00
14	Providing potable water supply line from pump station to Pothead yard, MAT Portal and Power House of Parbati-III Power station. and Drilling / lowering of deep bore well and installation & energisation of pumping machinery for Power House, Dam and Township Complex.	410301 & 410328	24.17		24.17		Regulation 25 (i)	Within Original Scope of Work. Due to poor participation from bidders as well as poor performance of contractor, item could not be capitalized during the tariff petition period 2014-19. This item is required for providing drinking water facility to the employees and CISF posted at Power House, Pothead yard and Dam. The work is likely to be completed in 2019-20	60.00
15	Development of Park at Sapangani Township for Parbati-III Power Station	410328	5.00		5.00		Regulation 25 (i)	Within Original Scope of Work. Due to poor participation from bidders as well as poor performance on contractor, item could not be capitalized during the tariff petition period 2014-19. The work is to be completed/capitalised in 2019 20.	12.00
16	Construction of boundry wall/ fencing near old Behali area	410328	20.00		20.00		Regulation 25 (i)	Within Original Scope of Work. Due to poor participation from bidders, item could not be capitalized during the tariff petition period 2014-19. This item is required for providing security to the Old Office Behali Area.	40.00
17	Construction of 33/11 KV substation on Deposit Basis from HPSEB for Regional Supply to power Station	410303	420.75		420.75		Regulation 25 (i)	Within Original Scope of Work. Due to slow progress of work by the HPSEB, the item could not be capitalized during the tariff petition period 2014-19. The Work is completed and substation is handed over to the NHPC in June-2019. This item is required for providing power supply to the Power House and other vital installatons of the Power Station. The Work/Item is to be capitalised in 2019-20.	420.75



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S. No.	Head of Work / Equipmen	Head of Accounts (HOA)	ACE Claimed (Actual / Projected)			IDC included in col. 3	Regulations under which claimed	Justification	Admitted cost by the Commission, if any
			Accrual basis	Un-discharged Liability included in col. 3	Cash basis				
(1)	(2)		(3)	(4)	5=(3-4)	(6)	(7)	(8)	(9)
18	Balance Works of Landscaping and beautification works at Dam	410601	10.82		10.82		Regulation 25 (i)	Within Original Scope of Work.Due to poor participation from bidders, item could not be capitalized during the tariff petion period 2014-19. The work is still in progress and likely to be completed in 2019-20.	120.00
TOTAL- A-1			1,142.57		1,142.57				

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S. No.	Head of Work / Equipmen	Head of Accounts (HOA)	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Admitted cost by the Commission, if any
			Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
(1)	(2)		(3)	(4)	5=(3-4)	(6)	(7)	(8)	(9)
A-2	Capital spares- Allowed by Commission								
19	Purchase of Induction Motors	410714	3.50		3.50		Regulation 25 (i)	Within Original Scope of Work.Due to poor participation from bidders item could not be capitalized during the tariff period 2014-19.This is essentially required to be kept as minimum spare to meet out any eventuality. The Purchase is under Award Stage.	7.00
20	Purchase of Gear Box for HM Components	410714	17.60		17.60		Regulation 25(i)	Within Original Scope of Work.Due to poor participation from bidders as well as very poor performace of the contractor the item was delievered in May-2019, hence item could not be capitalized during the tariff petition period 2014-19.This is essentially required to be kept as minimum spare to meet out any eventuality.	17.00
	<b>TOTAL A-2</b>		<b>21.10</b>	<b>-</b>	<b>21.10</b>				
	<b>Grand Total A= (A-1 + A-2)</b>		<b>1,163.67</b>	<b>-</b>	<b>1,163.67</b>				
B	Replacement of Assets Deployed under Original Scope of the Existing Project after Cut Off Date (Clause 25 of CERC Regulation 2019-24)								
21	Purchase of LED/Video Wall for scada system of Dam (Replacement)	410714	1.23	-	1.23		Regulation 25 (2)(c)	Presently, DLP based video walls are installed in Dam control room, which is an outdated technology. The running life of the lamps is less and the lamps are very costly. As such, the maintenance cost of the existing video walls is quite high. Considering the technological advancement and in view of high maintenace cost of the existing screens, it is proposed to purchase video walls /LED of the latest technology. Replacement value of old item is indicated in Form-9B(i)	
	<b>Total B</b>		<b>1.23</b>	<b>-</b>	<b>1.23</b>				
C	Assets Beyond the Original scope of the Existing Project after Cut Off Date (Clause 26 of CERC regulation 2019-24)								
22	Construction of MAT portal extension and gate structure for Parbati- III Power Station.	410301	27.72	-	27.72		Regulation 26	Falling of Rocks encountered in Entrance of Power House which causes risk to the life of employees, CISF and other persons working in the power house Area. Hence as per direction of Design Wing, the Portal is required to be extended to safeguard the life of Employees working at Power House.	

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S. No.	Head of Work / Equipmen	Head of Accounts (HOA)	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Admitted cost by the Commission, if any
			Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
(1)	(2)		(3)	(4)	5=(3-4)	(6)	(7)	(8)	(9)
23	Supply, Fabrication, erection of main gate, barricades for workshop area and barricade of generating unit	410301	23.00		23.00		Regulation 26	For Compliance of Factory Act, 1948 Safety Guidelines.	
24	Purchase of Security Gadgets for CISF	412503	35.00		35.00		Regulation 26 (1) (d)	Required for providing security gadgets to CISF for better safety and Security of the Power station as per the regular advisories from IB, MoP, MoH, CISF	
	<b>Total C</b>		85.72	-	85.72				
	<b>Total Add Cap 2019-20</b>		1,250.62	-	1,250.62	-			
	<b>Add Cap Eligible for ROE at Normal Rate</b>		1164.90	0.00	1164.90				
	<b>Add Cap Eligible for ROE at Wgt. Avg. Rate of Interest Rate</b>		85.72	0.00	85.72				
<b>2020-21</b>									
<b>Assets Beyond the Original scope of the Existing Project after Cut Off Date (Clause 26 of CERC regulation 2019-24)</b>									
1	Water Supply System for Dam Control Room & Surge Shaft of Parbati-III Power station.	411201	15.00	-	15.00	-	Regulation 26 (1)(d)	At present there is no provision of water supply for drinking purpose in Dam. As per the Factory act 1948, proper facility for drinking shall be provided.	



S. No.	Head of Work / Equipmen	Head of Accounts (HOA)	ACE Claimed (Actual / Projected)			IDC included in col. 3	Regulations under which claimed	Justification	Admitted cost by the Commission, if any
			Accrual basis	Un-discharged Liability included in col. 3	Cash basis				
(1)	(2)		(3)	(4)	5=(3-4)	(6)	(7)	(8)	(9)
3	Security and Surveillance System	412503	45.00	-	45.00	-	Regulation 26 (1) (d)	The security requirements were reviewed and the concerned security agencies like CISF, IB have been strongly advising for the installation of a centralized surveillance system. The requirement of an IP based centralized CCTV system is for the surveillance of the Power Station area. This system is a primary security requirement for a round the clock vigil in and around the areas of the Power Station. This will not only enhance the safety but will also aid the CISF in maintaining a tight vigil with lesser man power. The regular advisories from IB, MoP, MoH, CISF strongly mandate that the system be in place as early as possible. Various guidelines has been received from security committee. In this context, already CCTV camera has been installed at various location of Power Station. Present cameras needs to be upgraded with setup of central control room having large screen display along with storage like NAS having more than 90 days.	
4	Construction of Watch Tower/ Morcha for CISF at Behali/Dam etc	410328	15.00	-	15.00	-	Regulation 26 (1) (d)	Required for better safety and Security purpose i.e as per requirement of CISF of the Power station as per the regular advisories from IB, MoP, MoH, CISF	
7	Construction of Kote Centre/Quarter Guard for CISF	410328	36.00	-	36.00	-	Regulation 26 (1) (d)	For safe and secure storage of CISF Ammunition	
	<b>Total Add Cap 2020-21</b>		<b>111.00</b>	<b>-</b>	<b>111.00</b>	<b>-</b>			
	<b>Add Cap Eligible for ROE at Normal Rate</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>				
	<b>Add Cap Eligible for ROE at Wgt. Avg. Rate of Interest Rate</b>		<b>111.00</b>	<b>0.00</b>	<b>111.00</b>				
2021-22		NIL							
2022-23		NIL							



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S. No.	Head of Work / Equipmen	Head of Accounts (HOA)	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Admitted cost by the Commission, if any
			Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
(1)	(2)		(3)	(4)	5=(3-4)	(6)	(7)	(8)	(9)
2023-24									
		NIL							

1. In case the project has been completed and cost has already been admitted under any tariff notification(s) in the past, fill column 9 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 2019-24.
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-capitalized during that year and original value of such asset to be shown at col. 3. In addition, 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 D S P & Associates  
Chartered Accountants



(M G Gokhale)  
GM (Comml.)  
Commercial Division

### Statement of Additional Capitalisation during fag end of the Project

Name of the Petitioner : NHPC LTD.

Name of the Generating Station :Parbati-III Power Station

COD : 06.06.2014

Sl. No.	Head of Work / Equipment	Work/Equipment added during last five years of useful life of each Unit/Station	Amount capitalised /Proposed to be capitalised (Rs Lakh)	Justification for capitalisation proposed	Impact on life extension
1	2	3	4	5	6
1					
2		<b>Not Applicable</b>			
3					
4					

**Note:**

1. Cost Benefit analysis for capital additions done should be submitted along with petition for approval of such schemes
2. Justification for additional capital expenditure claim for each asset should be relevant to regulation under which claim and the necessity of capitalization of the asset

For D S P & Associates  
Chartered Accountants



For NHPC Limited

(M G Gokhale)  
General Manager (Comml.)

## Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Ltd.

Name of the Generating Station Parbati-III Power station

COD 06.06.2014

(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	Year of De-capitalisation	Remarks
1	2		3	4	5	6		
<b>2019-20</b>								
1	Purchase of LED/Video Wal for scada system of Dam (Replacement)		Claimed	93633	06-06-14	28796	64837	Replacement cost against item no. B21 in Form-9B(i) during 2019-20.

For D S P & Associates  
Chartered Accountants

For NHPC LTD.

  
(M G Gokhale)  
GM (Comml.)  
Commercial Division



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

Name of the Petitioner :  
Name of the Generating Station :  
COD : 06.06.2014

NHPC Limited  
Parbati-III 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	LessExclusions (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 capital expenditure.

**Note:**

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

**For D S P & Associates  
Chartered Accountants**



**For NHPC Limited**

  
**(M G Gokhale)  
GM (Comml.)**

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

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : Parbati-III Power Station  
 COD :06.06.2014

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

**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 D S P & Associates  
Chartered Accountants**



**For NHPC Limited**

*(Handwritten Signature)*  
**( M G Gokhale )  
GM(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 : Parbati-III Power Station

(Amount in Lakhs)

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

**For NHPC Ltd**



*(Signature)*  
**(M G Gokhale)**  
GM (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 :Paarbati-III 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 IDC in A(a) above	
	c) Amount of FC in A(a) above	
	d) Amount of FERV in A(a) above	
	e) Amount of Hedging Cost in A(a) above	
	f) Amount of IEDC in A(a) above	
<b>B</b>	a) Addition in CWIP during the period	
	b) Amount of IDC in B(a) above	
	c) Amount of FC in B(a) above	
	d) Amount of FERV in B(a) above	
	e) Amount of Hedging Cost in B(a) above	
	f) Amount of IEDC in B(a) above	
<b>C</b>	a) Transferred to Gross Block Amount during the period	
	b) Amount of IDC in C(a) above	
	c) Amount of FC in C(a) above	
	d) Amount of FERV in C(a) above	
	e) Amount of Hedging Cost in C(a) above	
	f) Amount of IEDC in C(a) above	
<b>D</b>	a) Deletion in CWIP during the period	
	b) Amount of IDC in D(a) above	
	c) Amount of FC in D(a) above	
	d) Amount of FERV in D(a) above	
	e) Amount of Hedging Cost in D(a) above	
	f) Amount of IEDC in D(a) above	
<b>E</b>	a) Closing CWIP as per books	
	b) Amount of IDC in E(a) above	
	c) Amount of FC in E(a) above	
	d) Amount of FERV in E(a) above	
	e) Amount of Hedging Cost in E(a) above	
	f) 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 D S P & Associates**  
Chartered Accountants



**For NHPC Ltd**

*(Handwritten signature)*

**(M G Gokhale)**  
GM (Comm.)

## Financing of Additional Capitalisation

Name of the Petitioner : **NHPC Limited**  
 Name of the Generating Station : **Parbati-III Power Station**  
 Date of Commercial Operation : **06.06.2014**

(Amount in Rs. Lakhs)

Financial Year (Starting from COD) <sup>1</sup>	Actual / projected					Admitted				
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 1	Year 2	Year 3	Year 4	Year 5 & so on
1	2	3	4	5	6	7	8	9	10	11
Amount capitalised in Work / Equipment	1,786.34	456.08	0.00	0.00	0.00					
<b>Financing Details</b>										
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan <sup>2</sup>										
<b>Equity</b>										
Internal Resources	1,786.34	456.08	0.00	0.00	0.00					
Others (Pl. specify)										
<b>Total</b>	<b>1,786.34</b>	<b>456.08</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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 D S P & Associates  
Chartered Accountants



For NHPC LTD.

(M G Gokhale)  
GM (Comml.)

## Calculation of Depreciation

Name of the Petitioner : NHPC Limited

Name of the Generating Station : Parbati-III Power Station

(Amount in Rs.)

Sl. No.	Name of the Assets <sup>1</sup>		Gross Block as on 31.03.2019	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount as on 31.03.2019
	1			5	
1	Land – Freehold	410101	979,869,189	0%	
2	Land– Right to Use	410121	148,386,937	3.34%	4,956,124
3	Roads and Bridges	4102	145,771,198	3.34%	4,868,758
4	Buildings	410301	2,421,098,930	3.34%	80,864,704
5	Railway sidings	4105	-		-
6	Hydraulic Works(Dams, Water Conductor system, Hydro mechanical gates, tunnels)	4106	11,896,768,341	5.28%	628,149,368
7	Generating Plant and machinery	4107	9,978,187,873	5.28%	526,848,320
8	Plant and machinery Sub station	4108	703,057	5.28%	37,121
9	Plant and machinery Transmission lines	4109	23,073,767	5.28%	1,218,295
10	Plant and machinery Others	4110	11,241,006	5.28%	593,525
11	Construction Equipment	4111	8,170,607	5.28%	431,408
12	Water Supply System /Drainage and Sewerage	4112	9,681,488	3.34%	323,362
13	Electrical installations	4114	743,365	5.28%	39,250
14	Vehicles	4115	14,061,217	9.50%	1,335,816
15	Aircraft/ Boats	4116	-		-
16	Furniture and fixture	4117	18,062,254	6.33%	1,143,341
17	Computers	4118	10,797,197	15.00%	1,619,580
18	Communication Equipment	4119	2,106,544	6.33%	133,344
19	Office Equipments	4120	8,840,848	6.33%	559,626
20	Research and Development	4121	221,526	5.28%	11,697
21	Computer Software	4122	646,361	15.00%	96,954
22	Other assets	4125	18,440,344	5.28%	973,650
23	Tangible Assets of minor value >750 and < Rs.5000	4128	3,270,221	5.28%	172,668
	<b>TOTAL</b>		<b>25,700,142,270</b>		<b>1,254,376,911</b>
	<b>Weighted Average Depreciation Rate (%) of depreciation</b>				<b>4.881%</b>

For DSP & Associates  
Chartered Accountants

For NHPC LTD.

  
 (M G Gokhale)  
 GM (Comml.)

## Statement of Depreciation

Name of the Petitioner :  
Name of the Generating Station :NHPC Limited  
Parbati-III Power station

(Rs. in Lakh)

Sl. No.	Particulars	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	5	6	7	8	9
1	Opening Capital Cost	268089.608	270,418.73	272,205.07	272,661.15	272,661.15	272,661.15
2	Closing Capital Cost	270418.735	272,205.07	272,661.15	272,661.15	272,661.15	272,661.15
3	Average Capital Cost	269254.171	271,311.90	272,433.11	272,661.15	272,661.15	272,661.15
4	Freehold land	9798.69	9798.69	9798.69	9798.69	9798.69	9798.69
5	Rate of depreciation	4.891%	4.881%	4.881%	4.881%	4.881%	4.881%
6	Depreciable value (6=3-4)*0.9	233509.931	235,361.89	236,370.97	236,576.21	236,576.21	236,576.21
7	Balance useful life at the beginning of the period	31.18	35.18	34.18	33.18	32.18	31.18
8	Remaining depreciable value	182482.051	171,168.11	158,935.22	145,843.50	132,535.40	119,227.31
9	<b>Depreciation (for the period)</b>	<b>13168.86</b>	<b>13,242.24</b>	<b>13,296.96</b>	<b>13,308.09</b>	<b>13,308.09</b>	<b>13,308.09</b>
10	Cumulative depreciation at the end of the period	64196.74	77436.02	90732.71	104040.80	117348.90	130656.99
11	Less : Cumulative depreciation adjustment on account of de-capitalisation (Refer Form-9B(i))	2.96	0.27	-	-	-	-
12	Net Cumulative depreciation at the end of the period	64193.78	77,435.75	90,732.71	104,040.80	117,348.90	130,656.99

## Note:

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

For DSP & Associates  
Chartered Accountants

For NHPC Limited

  
 (M G Gokhale)  
 GM (Comm)

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

(Amount in lakh)

Sl. no.	Particulars	2018-19 (Existing)	2019-2020	2020-2021	2021-22	2022-23	2023-24
	1	2	3	4	5	6	7
<b>1</b>	<b>LIC</b>						
	Gross loan - Opening	31153.00	31153.00	31153.00	31153.00	31153.00	31153.00
	Cumulative repayments of Loans upto previous year	15576.50	18172.58	20768.67	23364.75	25960.83	28556.92
	Net loan - Opening	15576.50	12980.42	10384.33	7788.25	5192.17	2596.08
	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	2596.08	2596.08	2596.08	2596.08	2596.08	2596.08
	Net loan - Closing	12980.42	10384.33	7788.25	5192.17	2596.08	0.00
	Average Net Loan	14278.46	11682.38	9086.29	6490.21	3894.12	1298.04
	Rate of Interest on Loan	9.118%	9.118%	9.118%	9.118%	9.118%	9.118%
	Interest on loan	1261.05	1027.91	788.60	551.89	315.18	78.47
<b>2</b>	<b>Q SERIES BONDS</b>						
	Gross loan - Opening	9000.00	9000.00	9000.00	9000.00	9000.00	9000.00
	Cumulative repayments of Loans upto previous year	2250.00	3000.00	3750.00	4500.00	5250.00	6000.00
	Net loan - Opening	6750.00	6000.00	5250.00	4500.00	3750.00	3000.00
	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	750.00	750.00	750.00	750.00	750.00	750.00
	Net loan - Closing	6000.00	5250.00	4500.00	3750.00	3000.00	2250.00
	Average Net Loan	6375.00	5625.00	4875.00	4125.00	3375.00	2625.00
	Rate of Interest on Loan	9.25%	9.25%	9.25%	9.25%	9.25%	9.25%
	Interest on loan	620.57	551.20	481.82	412.45	343.03	273.74
<b>3</b>	<b>R-2 Series BONDS</b>						
	Gross loan - Opening	24792.00	24792.00	24792.00	24792.00	24792.00	24792.00
	Cumulative repayments of Loans upto previous year	6198.00	8264.00	10330.00	12396.00	14462.00	16528.00
	Net loan - Opening	18594.00	16528.00	14462.00	12396.00	10330.00	8264.00
	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	2066.00	2066.00	2066.00	2066.00	2066.00	2066.00
	Net loan - Closing	16528.00	14462.00	12396.00	10330.00	8264.00	6198.00
	Average Net Loan	17561.00	15495.00	13429.00	11363.00	9297.00	7231.00
	Rate of Interest on Loan	8.85%	8.85%	8.85%	8.85%	8.85%	8.85%
	Interest on loan	1621.02	1441.21	1252.31	1072.50	889.66	708.12
<b>4</b>	<b>1A-SERIES Tax Free BONDS</b>						
	Gross loan - Opening	1481.36	1481.36	1481.36	1481.36	1481.36	1481.36
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1481.36	1481.36	1481.36	1481.36	1481.36	1481.36
	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	0.00	0.00	1481.36
	Net loan - Closing	1481.36	1481.36	1481.36	1481.36	1481.36	0.00
	Average Net Loan	1481.36	1481.36	1481.36	1481.36	1481.36	740.68
	Rate of Interest on Loan	8.18%	8.18%	8.18%	8.18%	8.18%	8.18%
	Interest on loan	121.18	121.18	121.18	121.18	121.18	71.38
<b>5</b>	<b>1B-SERIES Tax Free BONDS</b>						
	Gross loan - Opening	3200.00	3200.00	3200.00	3200.00	3200.00	3200.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	3200.00	3200.00	3200.00	3200.00	3200.00	3200.00
	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	0.00	0.00	3200.00
	Net loan - Closing	3200.00	3200.00	3200.00	3200.00	3200.00	0.00
	Average Net Loan	3200.00	3200.00	3200.00	3200.00	3200.00	1600.00
	Rate of Interest on Loan	8.43%	8.43%	8.43%	8.43%	8.43%	8.43%
	Interest on loan	269.45	269.76	269.76	269.76	269.76	158.90



## Calculation of Weighted Average Rate of Interest on Actual Loans1

Name of the Company  
Name of the Power StationNHPC LTD.  
PARBATI-III PS

(Amount in lakh)

Sl. no.	Particulars	2018-19 (Existing)	2019-2020	2020-2021	2021-22	2022-23	2023-24
	1	2	3	4	5	6	7
<b>6</b>	<b>S1-Series Bonds</b>						
	Gross loan - Opening	8302.00	8302.00	8302.00	8302.00	8302.00	8302.00
	Cumulative repayments of Loans upto previous year	2490.60	3320.80	4151.00	4981.20	5811.40	6641.60
	Net loan - Opening	5811.40	4981.20	4151.00	3320.80	2490.60	1660.40
	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	830.20	830.20	830.20	830.20	830.20	830.20
	Net loan - Closing	4981.20	4151.00	3320.80	2490.60	1660.40	830.20
	Average Net Loan	5396.30	4566.10	3735.90	2905.70	2075.50	1245.30
	Rate of Interest on Loan	8.49%	8.49%	8.49%	8.49%	8.49%	8.49%
	Interest on loan	469.06	399.20	327.46	257.60	187.12	116.76
<b>7</b>	<b>S2-Series Bonds</b>						
	Gross loan - Opening	2888.00	2888.00	2888.00	2888.00	2888.00	2888.00
	Cumulative repayments of Loans upto previous year	0.00	240.67	481.33	722.00	962.67	1203.33
	Net loan - Opening	2888.00	2647.33	2406.67	2166.00	1925.33	1684.67
	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	240.67	240.67	240.67	240.67	240.67	240.67
	Net loan - Closing	2647.33	2406.67	2166.00	1925.33	1684.67	1444.00
	Average Net Loan	2767.67	2527.00	2286.33	2045.67	1805.00	1564.33
	Rate of Interest on Loan	8.54%	8.54%	8.54%	8.54%	8.54%	8.54%
	Interest on loan	239.54	219.35	198.07	177.88	157.33	137.00
<b>8</b>	<b>V-Series Bonds</b>						
	Gross loan - Opening	21926.08	21926.08	21926.08	21926.08	21926.08	21926.08
	Cumulative repayments of Loans upto previous year	5928.67	9494.33	13638.24	17782.16	21926.08	21926.08
	Net loan - Opening	15997.42	12431.75	8287.84	4143.92	0.00	0.00
	Add: Drawal(s) during the Year/reallocation	0.00	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	3565.67	4143.91	4143.92	4143.92	0.00	0.00
	Net loan - Closing	12431.75	8287.84	4143.92	0.00	0.00	0.00
	Average Net Loan	14214.59	10359.80	6215.88	2071.96	0.00	0.00
	Rate of Interest on Loan	6.84%	6.84%	6.84%	6.84%	6.84%	6.84%
	Interest on loan	1049.45	799.57	513.45	231.41	0.00	0.00
<b>9</b>	<b>V2-Series Bonds</b>						
	Gross loan - Opening	30466.42	30466.42	30466.42	30466.42	30466.42	30466.42
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	30466.42	30466.42	30466.42	30466.42	30466.42	30466.42
	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	0.00	0.00	11217.08
	Net loan - Closing	30466.42	30466.42	30466.42	30466.42	30466.42	19249.34
	Average Net Loan	30466.42	30466.42	30466.42	30466.42	30466.42	24857.88
	Rate of Interest on Loan	7.52%	7.52%	7.52%	7.52%	7.52%	7.52%
	Interest on loan	2291.07	2292.21	2289.94	2291.07	2291.07	1600.79
<b>10</b>	<b>W1-Series Bonds</b>						
	Gross loan - Opening	9898.08	9898.08	9898.08	9898.08	9898.08	9898.08
	Cumulative repayments of Loans upto previous year	0.00	1979.62	3959.23	5938.85	7918.46	9898.08
	Net loan - Opening	9898.08	7918.46	5938.85	3959.23	1979.62	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	1979.62	1979.62	1979.62	1979.62	1979.62	0.00
	Net loan - Closing	7918.46	5938.85	3959.23	1979.62	0.00	0.00
	Average Net Loan	8908.27	6928.66	4949.04	2969.42	989.81	0.00
	Rate of Interest on Loan	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%
	Interest on loan	609.75	473.47	335.66	199.38	62.59	0.00



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

(Amount in lakh)

Sl. no.	Particulars	2018-19 (Existing)	2019-2020	2020-2021	2021-22	2022-23	2023-24
	1	2	3	4	5	6	7
<b>11</b>	<b>W2-Series Bonds</b>						
	Gross loan - Opening	9372.53	9372.53	9372.53	9372.53	9372.53	9372.53
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	9372.53	9372.53	9372.53	9372.53	9372.53	9372.53
	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	0.00	0.00	1979.61
	Net loan - Closing	9372.53	9372.53	9372.53	9372.53	9372.53	7392.92
	Average Net Loan	9372.53	9372.53	9372.53	9372.53	9372.53	8382.73
	Rate of Interest on Loan	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%
	Interest on loan	688.88	689.74	688.02	688.88	688.88	610.63
	<b>TOTAL LOANS</b>						
	Gross loan - Opening	152479.47	152479.47	152479.47	152479.47	152479.47	152479.47
	Cumulative repayments of Loans upto previous year	32443.77	44472.00	57078.47	69684.96	82291.45	90754.01
	Net loan - Opening	120035.71	108007.48	95401.00	82794.51	70188.03	61725.46
	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	12028.23	12606.48	12606.49	12606.49	8462.57	24361.00
	Net loan - Closing	108007.48	95401.00	82794.51	70188.03	61725.46	37364.46
	Average Net Loan	114021.59	101704.24	89097.76	76491.27	65956.74	49544.96
	Interest on loan	9241.03	8284.80	7266.27	6274.01	5325.80	3755.79
	<b>Weighted average Rate of Interest on Loans</b>	8.10%	8.15%	8.16%	8.20%	8.07%	7.58%

For DSP & Associates  
Chartered Accountants

For NHPC Limited

  
 (M G Gokhale)  
 GM (Comm)




## Calculation of Interest on Normative Loan

Name of the Petitioner : NHPC Limited  
Name of the Generating Station : Parbati-III 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	187,662.73	189,293.11	190,543.55	190,862.80	190,862.80	190,862.80
2	Cumulative repayment of Normative loan upto previous year	51,136.11	64,304.97	77,547.21	90,844.17	104,152.26	117,460.35
3	<b>Net Normative loan - Opening</b>	<b>136,526.62</b>	<b>124,988.15</b>	<b>112,996.34</b>	<b>100,018.63</b>	<b>86,710.54</b>	<b>73,402.45</b>
4	Add : Increase due to addition during the year / period	1,400.43	875.43	77.70	0.00	0.00	0.00
5	Less : Decrease due to de-capitalisation during the year / period	8.73	0.66	0.00	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	238.68	375.66	241.55	0.00	0.00	0.00
	Less : Repayment during the year	13,168.86	13,242.24	13,296.96	13,308.09	13,308.09	13,308.09
8	<b>Net Normative loan - Closing</b>	<b>124,988.15</b>	<b>112,996.34</b>	<b>100,018.63</b>	<b>86,710.54</b>	<b>73,402.45</b>	<b>60,094.36</b>
9	<b>Average Normative loan</b>	<b>130,757.38</b>	<b>118992.24</b>	<b>106507.49</b>	<b>93364.59</b>	<b>80056.50</b>	<b>66748.41</b>
10	Weighted average rate of interest	8.10%	8.15%	8.16%	8.20%	8.07%	7.58%
11	<b>Interest on Loan</b>	<b>10,597.41</b>	<b>9693.08</b>	<b>8686.11</b>	<b>7658.01</b>	<b>6464.31</b>	<b>5059.91</b>

For DSP & Associates  
Chartered Accountants



For NHPC LTD.

  
(M G Gokhale)  
GM (Comm.)

## Calculation of Interest on Working Capital

Name of the Petitioner : NHPC Limited  
Name of the Generating Station : Parbati-III 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	O & M Expenses *	722.76	734.61	769.63	806.33	844.77	885.04
2	Maintenance Spares *	1,300.97	1,322.30	1,385.34	1,451.39	1,520.58	1,593.07
3	Receivables	8,496.98	5,996.33	5,932.27	5,855.69	5,757.59	5,635.30
4	Total Working Capital	10,520.71	8,053.24	8,087.25	8,113.40	8,122.94	8,113.41
5	Rate of Interest	13.50%	12.05%	12.05%	12.05%	12.05%	12.05%
6	<b>Interest on Working Capital</b>	<b>1,420.30</b>	<b>970.42</b>	<b>974.51</b>	<b>977.66</b>	<b>978.81</b>	<b>977.67</b>

\* For the purpose of calculation of Interest on Working Capital O&M Expences and Security Exepnces are considered for the period 2019-24 as per regulation 34(c ) (iii) of CERC Tariff Regulations' 2019

For DSP & Associates  
Chartered Accountants



For NHPC LTD.

(M G Gokhale)  
GM (Comml.)

## Other Income as on actual / anticipated COD

Name of the Petitioner : NHPC Limited  
Name of the Generating Station : Parbati-III 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	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 DSP & Associates  
Chartered Accountants



For NHPC LTD.

(M G Gokhale)  
GM (Comml.)

## Incidental Expenditure during Construction

Name of the Petitioner :

NHPC Limited

Name of the Generating Station :

Parbati-III 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 DSP & Associates  
Chartered Accountants

For NHPC LTD.



*(Signature)*  
(M G Gokhale)  
GM (Comml.)

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : Parbati-III 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 pari passu 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 DSP & Associates  
 Chartered Accountants



For NHPC LTD.

*(Signature)*  
 (M G Gokhale)  
 GM (Comm.)

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## Actual cash expenditure

Name of the Petitioner : NHPC Limited  
 Name of the Generating Station : Parbati-III Power Station

(Amount in Rs Lakh)

	Quarter-I	Quarter-II	Quarter-III	Quarter-n (COD)
Payment to contractors/suppliers	<b>NOT APPLICABLE</b>			
% of fund deployment				

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

For DSP & Associates  
 Chartered Accountants



For NHPC LTD.

(M G Gokhale)  
 GM (Comml.)

Design energy and Peaking capability (monthwise) - ROR with Pondage/ Storage type new stations

Generating Company : NHPC Limited  
Name of Power Station : PARBATI -III POWER STATION  
Installed Capacity : 4 X 130 MW= 520 MW

Month		Design Energy* (MUs)	Designed Peaking Capability (MW)
April	I	28.88	520
	II	30.65	
	III	43.86	
May	I	55.76	
	II	61.43	
	III	71.39	
June	I	71.65	
	II	104.65	
	III	89.52	
July	I	118.56	
	II	118.56	
	III	130.42	
August	I	118.56	
	II	118.56	
	III	130.42	
September	I	111.01	
	II	81.86	
	III	57.43	
October	I	41.14	
	II	33.31	
	III	31.63	
November	I	25.39	
	II	23.62	
	III	22.81	
December	I	19.83	
	II	19.14	
	III	21.68	
January	I	19.18	
	II	18.70	
	III	20.87	
February	I	18.60	
	II	18.51	
	III	16.92	
March	I	19.73	
	II	22.04	
	III	27.02	
<b>Total</b>		<b>1963.29</b>	

\* The Design Energy of 1963.29 MUs as per the approval of RCE by the MOP, GOI vide letter dated 9.10.2018.

Note:  
Specify the number of peaking hours for which station has been designed -Peaking capability (520 MW) for minimum 3 hrs (in two slots of 1.5 hrs each in the morning & evening peak) is achievable throughout the year.

For DSP & Associates  
Chartered Accountants

For NHPC Limited

(M G Gokhale)  
GM (CommI)



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

Name of Compar : NHPC Limited  
 Name of Power : Parbati-III Power station  
 Installed Capacity : 4 X 130 MW = 520 MW

Month		Design Energy* (MUs)	MW continuous*
April	I		
	II		
	III		
May	I		
	II		
	III		
June	I	Not Applicable	
	II		
	III		
July	I		
	II		
	III		
August	I		
	II		
	III		
September	I		
	II		
	III		
October	I		
	II		
	III		
November	I		
	II		
	III		
December	I		
	II		
	III		
January	I		
	II		
	III		
February	I		
	II		
	III		
March	I		
	II		
	III		
<b>Total</b>			

For DSP & Associates  
Chartered Accountants

For NHPC Limited



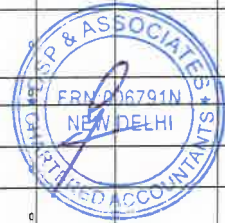
(M G Gokhale)  
GM (Comm)



Statement of Liability Flow

Name of the Petitioner: NHPC Limited  
 Name of the Generating Station: Parbati-III Power Station

Party	Party-code	Asset / Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2019	Discharges (Year wise)	Reversal (Year wise)	Liability as on 31.03.2020	Discharges (Year wise)	Reversal (Year wise)	Liability as on 31.03.2021	Discharges (Year wise)	Reversal (Year wise)	Liability as on 31.03.2022	Discharges (Year wise)	Reversal (Year wise)	Liability as on 31.03.2023	Discharges (Year wise)	Reversal (Year wise)	Liability as on 31.03.2024
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
		a) For assets eligible for normal RoE																		
		2019-20																		
		2020-21																		
		2021-22																		
		2022-23																		
		2023-24																		
BHARAT HEAVY ELECTRICALS LTD	S000020	Ex-works supply and c/cip supply of all plants and equipments including specified spare parts and tools & instruments for Lot-IV Electrical & Mechanical works of Parbati H.E Project Stage -III	Mar-14	335950998	9586516			9586516	9586516		0			0			0			0
OM METALS SPML(JV)	S002557	Works supply of all equipments and materials including mandatory tools and tackless and mandatory spares for HM Works of PHEP-3	Mar-14		520718	520718		0			0			0			0			0
OM METALS SPML(JV)	S002557	Works supply of all equipments and materials including mandatory tools and tackless and mandatory spares for HM Works of PHEP-3	Mar-14		5325253	5325253		0			0			0			0			0
GORSI CONSTRUCTION	SM6252	Providing premix carpet surfacing on Larji Behali bye-pass road for PHEP-III, PACKAGE NO. PHEP/2008/76	Mar-14		109703	109703		0			0			0			0			0
NAVEEN VAIDYA	S000304	soiling wearing of road left bank dam(old)	Mar-14		23019			23019			23019			23019			23019			23019
Majhitt	S023775	Expenditure during construction- capitalised with major assets	Mar-14		19000			19000			19000			19000			19000			19000
Majhitt	S024828	Expenditure during construction- capitalised with major assets	Mar-14		3793			3793			3793			3793			3793			3793
SHANTA KUMAR	SM6348	PROVIDING DRAINAGE SYSTEM IN SAU BYE PASS ROAD FOR SOTI VILLAGE TO HAIR PIN BEND LEFT BANK AND VE PLUNGE BOUL AT DAM(anc.14)	Mar-15		27893	27893		0			0			0			0			0
PATEL - L&T CONSORTIUM	S002406	Construction of Diversion cum spillway Tunnels including Gates and Hoists, Cofferdams, Rockfill Dam, Spillway, Intake Structure and part of Head Race Tunnel	Mar-16		10616675			10616675	10616675		0			0			0			0
JAGER - GAMMON JV	S002407	Construction of part Head Race Tunnel, Surge Shaft, Pressure Shaft, Power House & Tail Race Tunnel	Mar-16		14304358			14304358	14304358		0			0			0			0
PREM SING KHATRI	S026694	CONSTRUCTION OF RETAINING WALL AND PROVIDING WIRE CRATES AT SAINI BY PASS ROAD AT PARBATI HE PROJECT	Mar-16		35148			35148			35148			35148			35148			35148
Various PAF		Provision for livelihood assistance	Mar-16	152724600	151972401			151972401			151972401			151972401			151972401			151972401
AMIT KUMAR		INTERNAL BOUNDARY WALL AROUND D-SPECIAL AND D-TYPE QUARTERS AT SAPANGINI	Mar-17		91634	91634		0			0			0			0			0
AMIT KUMAR		Construction of balance work of one no D-Spl Quarter,two block(Four qtrs) of D-Type quarter and External boundary wall including security cabin and main gate for sapangni township (Sch DOC 01-02-2019)	Mar-17		660962	660962		0			0			0			0			0
IGV		Const of #H Part HRT TRT etc	Mar-17		600849	600849		0			0			0			0			0
VIRTUAL ELECTRONICS COMPANY		Supply of DIGITAL WATER LEVEL RECORDER	Mar-17		48153	48153		0			0			0			0			0
BHARAT HEAVY ELECTRICALS LTD		Ex-works supply and c/cip supply of all plants and equipments including specified spare parts and tools & instruments for Lot-IV Electrical & Mechanical works of Parbati H.E Project Stage -III	Mar-17		30829786	30829786		0			0			0			0			0
AJAY PATHANIA		INTERNAL ROAD WORKS OF SAPANGINI TOWNSHIP(Resil)	Mar-17		360086	360086		0			0			0			0			0
AMIT KUMAR		Const. of balance work of one no. D-type qtr, external boundary wall including security cabin and main gate in sapangni.	Mar-17		370000	370000		0			0			0			0			0
AMIT KUMAR		Providing & fixing of balance flooring & wall tiling work under Architectural works of Power House	Mar-17		20,000	20,000		0			0			0			0			0
SALIMPUR CO-OPERATIVE LABOUR & CONSTRUCTION COMPANY		P/F Walkway platform for DT gates etc.	Mar-17		34,034	34,034		0			0			0			0			0
Q.M.R CONSTRUCTION COMPANY PVT. LTD		Development of inner roads of Store	Mar-17		577,061	577,061		0			0			0			0			0
Various PAF		Provision for livelihood assistance	Mar-17		61238518			61238518			61238518			61238518			61238518			61238518
PATEL - L&T CONSORTIUM		Construction of Diversion cum spillway Tunnels including Gates and Hoists, Cofferdams, Rockfill Dam, Spillway, Intake Structure and part of Head Race Tunnel	Mar-18		1,398,278	1,398,278		0			0			0			0			0
AMIT KUMAR		Construction of internal boundary wall and gate around D-spl	Mar-18		440,830	440,830		0			0			0			0			0
AMIT KUMAR		Const. of balance work of one no. D-type qtr, external boundary wall including security cabin and main gate in sapangni	Mar-18		1,790,003	1,790,003		0			0			0			0			0
Q.M.R CONSTRUCTION COMPANY PVT. LTD		Development of inner roads of Store	Mar-18		86,240	86,240		0			0			0			0			0
NAVEEN VAIDYA		C/O BWALL & RWALL AROUND SRORE SHED NEAR ADMIN BUILDING	Mar-18		2,871	2,871		0			0			0			0			0



Party	Party-code	Asset / Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2019	Discharges (Year wise)	Reversal (Year wise)	Liability as on 31.03.2020	Discharges (Year wise)	Reversal (Year wise)	Liability as on 31.03.2021	Discharges (Year wise)	Reversal (Year wise)	Liability as on 31.03.2022	Discharges (Year wise)	Reversal (Year wise)	Liability as on 31.03.2023	Discharges (Year wise)	Reversal (Year wise)	Liability as on 31.03.2024
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)											
ERHARD MUHR GMBH		SUPPLY INSTALLATION OF TRCM	Mar-18		2,227,282	2,227,282		0			0			0			0			0
ERHARD MUHR GMBH		SUPPLY INSTALLATION OF TRCM	Mar-18		147,498	147,498		0			0			0			0			0
ERHARD MUHR GMBH		Supply of TRCM (F)	Mar-18		-	-		0			0			0			0			0
M/S ANAND ASSOCIATE		BALANCE WORK OF SANITARY INCLUDING SEWAGE TREATMENT PLANT FOR POWER HOUSE CONTROL ROOM	Mar-18		248,209	248,209		0			0			0			0			0
MOHAR SING		Providing and laying of water supply lines for sprinkling water in parks & lawns at Residential colony	Mar-18		7,993	7,993		0			0			0			0			0
SHANTA KUMAR		MUCK DUMPING SITE WORK AT D/M	Mar-18		15,343	15,343		0			0			0			0			0
THE SALAIMPUR CO-OP L&C SOCIETY LTD		const. of Cement cladding wall on both side of MAT at PH	Mar-18		506,221	506,221		0			0			0			0			0
KOT KANDI CONSTRUCTION PVT. LTD.		PROVIDING FENCING AT MAIN ACCESS TUNNEL	Mar-18		10,000	10,000		0			0			0			0			0
MOHAR SING		CONSTRUCTION OF PLAQUE FIXING STRUCTURE INSIDE POWER HOUSE OF PARBATI-III P S	Mar-18		2,000	2,000		0			0			0			0			0
FITWELL CORPORATION	S004934	SUPPLY OF TGB OIL COOLER (HOA-410714)	Mar-18		35,400	35,400		0			0			0			0			0
VIRTUAL ELECTRONICS COMPANY	S016997	PURCHASE OF DIGITAL WATER LEVEL RECORDER-412502	Mar-18		36,500	36,500		0			0			0			0			0
NEELSHIVA OVERSEAS	S022789	SUPPLY OF HYDRAULIC SCISSOR PLATFORM-HOA-410713	Mar-18		51,950	51,950		0			0			0			0			0
NEELSHIVA OVERSEAS	S022789	PURCHASE OF HYDRAULIC PALLET TRUCK & DRUM PALLET (HOA-410713)	Mar-18		13,600	13,600		0			0			0			0			0
NEELSHIVA OVERSEAS	S022789	SUPPLY OF SERVER (OS WINDOW SERVER 2016 XEON PRECESSOR-HOA-411806)	Mar-18		54,661	54,661		0			0			0			0			0
NEELSHIVA OVERSEAS	S022789	PURCHASE OF SUBMURSIBLE PUMPS FOR POWER HOUSE-HOA-410714	Mar-18		742,683	742,683		0			0			0			0			0
ISOTHERMAL TECHNOLOGY PVT LTD.	S023284	SUPPLY OF DRY WELL TYPE CALIBRATOR HOA-410713	Mar-18		32,500	32,500		0			0			0			0			0
A & S CREATIONS	S030510	PURCHASE OF ECHO SOUNDER(41-25-03)	Mar-18		9,778	9,778		0			0			0			0			0
BHEL REGIONAL OPERATIONS INDIA	S036088	SUPPLY OF 01 NO. 33MVA 13.84/00/3 KV SINGLE PHASE GENERATOR TRANSFORMER (HOA 410702)	Mar-18		929,000	929,000		0			0			0			0			0
H.E.M INDUSTRIES	S040694	SUPPLY OF INDUCTION MOTORS FOR HM COMPONENTS (HOA-410714)	Mar-18		33,281	33,281		0			0			0			0			0
KAMAL KANT SHARMA		CONSTRUCTION OF CANTEEN AT PH(F)	Mar-18		64,186	64,186		0			0			0			0			0
THE SALAIMPUR CO-OP L&C SOCIETY LTD		const. of Cement cladding wall on both side of MAT at PH (F)	Mar-18		239,413	239,413		0			0			0			0			0
MOHAR SING		Providing and laying of water supply lines for sprinkling water in parks & lawns at Residential colony at sapangini(F)	Mar-18		24,593	24,593		0			0			0			0			0
SHANTA KUMAR		1st Ra wo sub contract MUCK DUMPING SITE WORK AT DAM(F)	Mar-18		173,902	173,902		0			0			0			0			0
THE SALAIMPUR CO-OP L&C SOCIETY LTD		const. of Cement cladding wall on both side of MAT at PH (F)	Mar-18		68,396	68,396		0			0			0			0			0
MOHAR SING		Provisional completion of Construction of Room for ATM counter near Admin. Building, DOC 10/08/2017	Mar-18		5,031	5,031		0			0			0			0			0
Various PAF		Provision for livelihood assistance	Mar-18		4,937,424			4937424			4937424			4937424			4937424			4937424
O.M.R. CONSTRUCTION COMPANY PVT. LTD.		Construction of miscellaneous protection work i.e retaining wall , wire crates , concrete pavement on Surge shaft road	Mar-19		95,002	95,002		0			0			0			0			0
CHOUHAN ARTS		Printing,Supply and Fixing of Glow Sign Board in Power House of Parbati-III Power Station	Mar-19		81,478	81,478		0			0			0			0			0
PANNE LAL		Hill Side protection work at Behali to protect 33KV/4 Substation and existing store	Mar-19		18,444	18,444		0			0			0			0			0
O.M.R. CONSTRUCTION COMPANY PVT. LTD.		Protection work for 33/11 KV & Existing Store	Mar-19		606,604	606,604		0			0			0			0			0
O.M.R. CONSTRUCTION COMPANY PVT. LTD.		Protection work for 33/11 KV & Existing Store	Mar-19		171,510	171,510		0			0			0			0			0
R.M. ENTERPRISES		BILL CONSTRUCTION OF BALANCE WORK NON-ECECUTIVE FIELD HOSTEL AT SAPANGINI	Mar-19		530,985	530,985		0			0			0			0			0
R.M. ENTERPRISES		BILL CONSTRUCTION OF BALANCE WORK NON-ECECUTIVE FIELD HOSTEL AT SAPANGINI	Mar-19		594,441	594,441		0			0			0			0			0
J K SETH, KULLU		Providing 11 KV supply from 33/11 KV substation Behali to power house through AB cable Circuit-1(SCH07/05/2016X pending bill)	Mar-19		160,652	160,652		0			0			0			0			0
KAMAL KANT SHARMA		CONSTRUCTION OF SEWER LINE AND MANHOLE FOR T/S COMPLEX AT SAPANGINI(pending final)	Mar-19		103,234	103,234		0			0			0			0			0
BHARAT ELECTRICAL		providing 11KV power supply from 33 KV Sub station Behali to Admn building & Surge shaft (final bill pending)	Mar-19		176,112	176,112		0			0			0			0			0



Party	Party-code	Asset / Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2019	Discharges (Year wise)	Reversal (Year wise)	Liability as on 31.03.2020	Discharges (Year wise)	Reversal (Year wise)	Liability as on 31.03.2021	Discharges (Year wise)	Reversal (Year wise)	Liability as on 31.03.2022	Discharges (Year wise)	Reversal (Year wise)	Liability as on 31.03.2023	Discharges (Year wise)	Reversal (Year wise)	Liability as on 31.03.2024	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
SHARMA LIGHT HOUSE		Providing 11 KV POWER SUPPLY FROM 33 KV SUBSTATION TO PH CIRCUIT-II	Mar-19		88,443	88,443		0			0			0			0			0	
ADVANCE EQUIPMENT AND PROJECT PRIVATE Ltd		BILL SUPPLY, INSTALLATION ,COMMISSIONING INCLUDING OPERATION AND MAINTENANCE OF 60 KLD SEWERAGE TREATMENT PLANT FOR SAPANGNI	Mar-19		265,004	265,004		0			0			0			0			0	
O M R CONSTRUCTION COMPANY PVT LTD		Construction of Stage at office complex	Mar-19		20,715	20,715		0			0			0			0			0	
ADVANCE EQUIPMENT AND PROJECT PRIVATE		SUPPLY, INSTALLATION ,COMMISSIONING INCLUDING OPERATION AND MAINTENANCE OF 60 KLD SEWERAGE TREATMENT PLANT FOR SAPANGNI TOWNSHIP	Mar-19		500,303	500,303		0			0			0			0			0	
NEELSHIVA Overseas		ELECTRIC OPERATED 3 PHASE SIREN RANGE 5 KM	Mar-19		6,232	6,232		0			0			0			0			0	
SHALOM ENTERPRISES		SUPPLY, ERECTION, INSTALLATION & COMMISSIONING OF BOOM BARRIERS-415200 RS11818222	Mar-19		107,343	107,343		0			0			0			0			0	
MICROMAP ELECTRONIC SYSTEMS PVT LTD		SUPPLY OF DIGITAL TRANSRECEIVER HANDHELD RADIO SETS THRU GeM	Mar-19		79,868	79,868		0			0			0			0			0	
AMES IMPEX ELECTRICALS PVT LTD		SUPPLY OF DRY TYPE, UNIT AUXILIARY TRANSFORMER (4000 KVA) AND STATION AUXILIARY TRANSFORMER (2500 KVA)-410714	Mar-19		648,500	648,500		0			0			0			0			0	
POWERTORC		PURCHASE OF TORQUE WRENCH PUMP HOA-410713 RS. 236000/- AND HOA-920104 RS. 382232/-	Mar-19		23,240	23,240		0			0			0			0			0	
KARNATAKA ENGINEERING INDUSTRIES		TGS OIL COOLER ALONG WITH ACCESSORIES, DRG NO 30017261	Mar-19		308,934	308,934		0			0			0			0			0	
DIGITECH ELECTRONIC SYSTEMS PRIVATE LIMITED		PERSONAL COMPUTER	Mar-19		69,200	69,200		0			0			0			0			0	
Various PAF		Provision for livelihood assistance	Mar-19		7,030,376			7030376			7030376			7030376			7030376			7030376	
DM METALS SPML(LV)		Works supply of all equipments and materials including mandatory tools and tackless and mandatory spares for HM Works of PHEP-3	Mar-19		35,500	35,500		0			0			0			0			0	
		<b>Total</b>			<b>313,432,748</b>	<b>53,665,518</b>	<b>-</b>	<b>259,767,230</b>	<b>34,507,550</b>	<b>-</b>	<b>225,259,680</b>	<b>-</b>	<b>-</b>	<b>225,259,680</b>	<b>-</b>	<b>-</b>	<b>225,259,680</b>	<b>-</b>	<b>-</b>	<b>225,259,680</b>	<b>-</b>
		b) For assets eligible for RoE at weightage average rate of interest on loan																			

For DSP & Associates  
Chartered Accountants

For NHPC Limited

  
(M G Gokhale)  
GM (Comml)



**Operation and maintenance Expense**

Name of the Generating NHPC Limited  
 Name of the Generating Parbati-III 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 DSP & Associates**  
**Chartered Accountants**

**For NHPC Limited**



  
 (M G Gokhale)  
 General Manager (Comml.)

**Operation and maintenance Expense for Existing Generating Stations**

Name of the Petitioner :NHPC Limited

Name of the Generating Station :Parbati-III 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		6618.29	6933.76	7264.26	7610.51	7973.27
Additional O&M expenses due to 3rd Pay Revision Commission wage Revision	1007.35	1055.40	1105.75	1158.49	1213.75	1271.65
Additional O&M expenses due to Goods and Service Tax (GST)	114.09	119.54	125.24	131.21	137.47	144.03
<b>Total O&amp;M Expences</b>		<b>7793.23</b>	<b>8164.75</b>	<b>8553.96</b>	<b>8961.73</b>	<b>9388.95</b>
Security Expences (estimated)*	975.57	1022.10	1070.86	1121.94	1175.45	1231.52

For DSP & Associates  
Chartered Accountants

For NHPC Limited

  
 (M G Gokhale)  
 General Manager (Comml.)

Details of Statutory Charges (If applicable)

Name of the Generating Company :NHPC Limited

Name of the Generating Stations: Parbati-III Power Station

Particulars	Unit Rate	10520.33	Amount Claimed
1	2	3	4
Electricity Duty	Not Applicable		
Water Cess			

For DSP & Associates  
Chartered Accountants

For NHPC Limited


  
 (M G Gokhale)  
 General Manager (Comml.)

## Summary of issue involved in the petition

1	<b>Petitioner: NHPC Limited</b>					
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 <b>Parbati-III Power Station</b> .					
3	<p><b>Prayer:</b></p> <p>1. Tariff of Parbati-III 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.</p> <p>2. Allow the net additional capitalization for the period 2019-24 as claimed in para-5 (Part-B).</p> <p>3. Allow the additional capitalization (spill over of items from 2014-19 period) during 2019-24 tariff period as claimed in para-6 (Part-B).</p> <p>4. To allow the impact of wage revision and GST as additional O&amp;M expenses as mentioned in para-9 (d) (Part-B).</p> <p>5. To allow the estimated security expenses separately to be recovered from beneficiaries during 2019-24 as mentioned in para-9 (d) (Part-B).</p> <p>6. The Annual Fixed Charges (AFC) of Parbati-III Power Station for the period 2019-24 has been worked out as ₹47970.64 lakh, ₹47458.19 lakh, ₹46845.53 lakh, ₹46060.76 lakh &amp; ₹ 45082.42 lakh for the FY 2019-20, 2020-21, 2021-22, 2022-23, &amp; 2023-24 respectively, as mentioned in para-10 (Part-B) above. The difference between the claimed AFC and that allowed by CERC vide order dated 23.04.2019 (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.</p> <p>7. 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-11 (Part-B).</p> <p>8. Allow reimbursement of filing fee of this petition as mentioned in para-12 (Part-B).</p> <p>9. Allow reimbursement of expenses incurred on publication of notices in the application of tariff for the period 2019-24 as mentioned in para-13 (Part-B).</p> <p>10. NHPC may be allowed to bill the Respondent for levies, taxes, duties, cess, charges, fee etc. if any, as mentioned in para-14 to 16 (Part-B) above.</p> <p>11. Pass such other and further order / orders as are deemed fit and proper in the facts and circumstances of the case.</p>					
4	<b>Respondents</b>					
	<b>Name of Respondents:</b>					
	1	Punjab State Power Corporation Ltd				
	2	Haryana Power Purchase Centre				
	3	BSES Rajdhani Power Ltd.				
	4	BSES Yamuna Power Ltd				
	5	Tata Power Delhi Distribution Ltd.				
	6	Uttar Pradesh Power Corporation Ltd				
	7	Ajmer Vidyut Vitaran Nigam Limited				
	8	Jaipur Vidyut Vitaran Nigam Limited				
	9	Jodhpur Vidyut Vitaran Nigam Limited				
	10	Uttaranchal Power Corporation Ltd				
	11	UT Chandigarh				
	12	Power Development Department- Jammu & Kashmir				
	13	Himachal Pradesh State Electricity Board				
5	<b>Project Scope</b>	IC	520 MW			
		DE	1963.29 MU			
		FEHS	13%			
		AUX	1.20%			
		NAPAF	43%			
	<b>Cost</b>	Sanction Cost	Rs. 2304.56 Crs			
		Latest RCE	Rs. 2373.18 Crs			
	<b>Commissioning</b>	Unit/Station COD	06.06.2014			
<b>Claim</b>						
		<b>2019-20</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>
	<b>AFC (Rs in lakh)</b>	47,970.64	47,458.19	46,845.53	46,060.76	45,082.42
	<b>Capital cost (Rs in lakh)</b>	272,205.07	272,661.15	272,661.15	272,661.15	272,661.15
	<b>Initial Spare</b>					
	<b>NAPAF</b>	43%				
	<b>Design Energy</b>	1963.29 MU				
	<b>Any Specific</b>					

For NHPC Limited



(M G Gokhale)  
General Manager (Comm.)

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# **ANNEX-III**



**CENTRAL ELECTRICITY REGULATORY COMMISSION  
NEW DELHI**

**Petition No. 6/GT/2017**

**Coram:**

**Shri P.K. Pujari, Chairperson  
Dr. M.K. Iyer, Member**

**Date of Order: 23<sup>rd</sup> April, 2019**

**In the matter of**

Approval of tariff of Parbati Hydroelectric Project, Stage-III (520 MW) for the period from 1.4.2014 to 31.3.2019

**And**

**In the matter of**

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

**... Petitioner**

**Vs**

1. Punjab State Power Corporation Ltd,  
The Mall, Near Kali Badi Mandir,  
Patiala - 147001
2. (a) Dakshin Haryana Bijili Vitaran Nigam Ltd,  
(b) Uttar Haryana Bijili Vitaran Nigam Ltd  
Shakti Bhawan, Sector - 6  
Panchkula - 134109
3. BSES-Rajdhani Power Ltd.  
BSES Bhawan, Nehru Place,  
New Delhi - 110019
4. Uttar Pradesh Power Corporation Ltd,  
Shakti Bhavan, 14, Ashok Marg,  
Lucknow - 226001
5. BSES-Yamuna Power Ltd.,  
Shakti Kiran Building,  
Karkardooma, Delhi-110072
6. (a) Rajasthan Rajya Vidyut Prasaran Nigam Ltd.,  
(b) Jaipur Vidyut Vitaran Nigam Ltd.,  
Vidut Bhavan, Janpath, Jyoti Nagar,  
Jaipur-302005



7. Tata Power Delhi Distribution Ltd.,  
Hudson Lane, Kingsway Camp,  
New Delhi-110009
8. Jodhpur Vidyut Vitaran Nigam Ltd.,  
New Power House, Industrial Area,  
Jodhpur-342003
9. Uttaranchal Power Corporation Ltd  
Urja Bhawan, Kanwali Road,  
Dehradun-248001
10. Ajmer Vidyut Vitaran Nigam Ltd  
Old Power House, Hathi Bhatta,  
Jaipur Road, Ajmer-305001
11. Himachal Pradesh State Electricity Board,  
Vidyut Bhawan, Kumar House,  
Shimla-171004
12. Engineering Department, UT Secretariat  
UT Secretariat, Sector 9D  
Chandigarh-160009
13. Power Development Department, Government of J&K  
New secretariat,  
Jammu-180001 (J&K)

... Respondents

**Parties Present:**

Shri A.K. Pandey, NHPC  
Shri Piyush Kumar, NHPC  
Shri Jitender Kumar, NHPC  
Shri R.B. Sharma, Advocate, BRPL & BYPL  
Shri Mohit Mudgal, Advocate, BRPL & BYPL  
Ms. Aayushi Singh, Advocate, TPDDL  
Shri Sameer Singh, BYPL  
Ms. Shefali Sobti, TPDDL  
Shri Manish Garg, UPPCL

**ORDER**

This Petition has been filed by Petitioner, NHPC for approval of generation tariff of Parbati Hydroelectric Project, Stage-III (520 MW) (hereinafter 'the generating station') for the period from 1.4.2014 to 31.3.2019 based on the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 (hereinafter referred to as 'the 2014 Tariff Regulations').



2. The generating station situated in the State of Himachal Pradesh, is a pondage type scheme, providing peaking support to the grid when operated in tandem with upstream Parbati HE Project, Stage-II. The project has been sanctioned by the Government of India in November, 2005 at a cost of ₹ 2304.56 crore at May, 2005 price level. Thereafter on 9.10.2018, the MOP, GOI has conveyed to the petitioner, the approval of RCE for ₹2539.75 crore including IDC & FC of ₹430.72 crore. The generating station comprises of four units of 130 MW each and the date of commercial operation (COD) of the units are as under:

Unit	COD
I & II	24.3.2014
III	30.3.2014
IV	6.6.2014

3. The Commission by order dated 5.4.2019 in Petition No. 7/GT/2017 had determined the fixed charges of the generating station for the period from 24.3.2014 till 31.3.2014 as under:

	(₹ in lakh)	
	24.3.2014 to 29.3.2014	30.3.2014 to 31.3.2014
Return on Equity	128.25	64.22
Interest on Loan	139.18	69.64
Depreciation	102.63	51.40
Interest on Working Capital	10.53	5.27
O & M Expenses	40.84	20.45
<b>Total</b>	<b>421.43</b>	<b>210.98</b>

4. Accordingly, the annual fixed charges claimed by the petitioner for the period 2014-19 is as under:

			(₹ in lakh)			
	1.4.2014 to 5.6.2014 (3 units)	6.6.2014 to 31.3.2015 (4 units)	2015-16	2016-17	2017-18	2018-19
Depreciation	1696.07	10400.77	12844.23	13201.31	13535.77	13541.62
Interest on Loan	2284.09	13532.87	15613.85	14737.13	13699.39	12053.37
Return on Equity	2119.37	13099.92	16223.62	16780.86	17206.00	17213.44
Interest on Working Capital	191.65	1162.01	1431.48	1459.11	1481.24	1474.09

O & M Expenses	927.73	5603.88	7295.09	7779.48	8296.04	8846.90
<b>Total</b>	<b>7218.90</b>	<b>43799.45</b>	<b>53408.26</b>	<b>53957.89</b>	<b>54218.44</b>	<b>53129.42</b>

5. The Petitioner has filed the additional information in compliance with the directions of Commission with copy to the Respondents. Replies to the Petition have been filed by the Respondents, UPPCL, BRPL and the discoms of Rajasthan. The Petitioner has filed its rejoinder to the said replies. The Commission after hearing the parties on 11.10.2018 reserved its order in the Petition. Based on the submissions of the parties and the documents available on record and on prudence check, we proceed to determine the tariff of the generating station for the period 2014-19 as stated in the subsequent paragraphs.

#### Capital Cost

6. 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”*

7. The Techno-Economic Clearance (TEC) was accorded by the CEA on 12.11.2003 with a project cost of ₹2228.41 crore including IDC & FC of ₹221.80 crore at July, 2003 price level. The CCEA approval of the project was accorded on 9.11.2005 at an estimated cost of ₹2304.56 crore including IDC & FC of ₹203.42 crore at May, 2005 price level, with the completion schedule of 5 years (60 months) i.e November, 2010. Thereafter, MOP, GOI vide letter dated 9.10.2018 conveyed the approved of RCE of ₹2539.75 crore as completion cost of the Project.



8. The capital cost claimed by the petitioner for the period 2014-19 is as under:

Sl No.		2014-15		2015-16	2016-17	2017-18	2018-19
		1.4.2014 to 5.6.2014	6.6.2014 to 31.3.2015				
1.	Opening Capital Cost	187148.51	253864.10	256819.40	261275.24	274614.66	274852.16
2.	Addition during the year / period	0.00	2150.85	2027.97	9894.26	237.50	0.00
3.	Less: De-capitalisation during the year /period	0.00	1728.63	84.67	0.00	0.00	0.00
4.	Less: Reversal during the year /period	0.00	0.00	0.00	0.00	0.00	0.00
5.	Add: Discharges during year /period	0.00	2533.08	2512.54	3445.16	0.00	0.00
6.	<b>Closing Capital cost</b>	<b>187148.51</b>	<b>256819.40</b>	<b>261275.24</b>	<b>274614.66</b>	<b>274852.16</b>	<b>274852.16</b>

9. The unit-wise break-up of the capital cost allowed for the purpose of tariff for the period from 24.3.2014 to 31.3.2014 vide Commission's order dated 5.4.2019 in Petition No. 7/GT/2017 is as under:

	(₹ in lakh)	
	24.3.2014 to 29.3.2014 (Units I & II)	30.3.2014 to 31.3.2014 (Unit-III)
Hard Cost	99183.89	148699.08
IDC	20817.12	31287.20
FC	310.38	466.40
Normative IDC	8185.92	12287.66
<b>Total</b>	<b>128497.32</b>	<b>192739.51</b>
Liability	3923.22	5592.06
<b>Capital cost allowed</b>	<b>124574.10</b>	<b>187147.46</b>

#### Interest During Construction (IDC)

10. The petitioner has furnished the details of amount, the date of drawl, the rate of interest etc., in respect of the loans. Based on these, IDC has been calculated up to COD of the generating station as under:

(₹ in lakh)	
1.4.2014 to 5.6.2014	As on COD (6.6.2014)
31287.20	42451.40

### Normative IDC

11. In terms of clause (a) of Regulation 7 of the 2009 Tariff Regulations, the Normative IDC over and above the actual IDC has been worked out considering the quarterly debt-equity position corresponding to the actual cash expenditure. This has been allowed for the purpose of tariff as under:

(₹ in lakh)	
1.4.2014 to 5.6.2014	As on COD (6.6.2014)
12287.66	16544.90

### Financial Charges

12. The petitioner has claimed financial charges amounting to ₹620.76 lakh as on COD of the generating station (6.6.2014). The same has been considered for capital cost.

13. Based on the above, the capital cost allowed for the purpose of tariff from 1.4.2014 till COD of the generating station (6.6.2014) is as under:

(₹ in lakh)		
	1.4.2014 to 5.6.2014	As on COD (6.6.2014)
Hard Cost	148699.08	200236.75
IDC	31287.20	42451.40
FC	465.67	620.76
Normative IDC	12287.66	16544.90
	<b>192739.51</b>	<b>259853.82</b>
Liability	5592.06	5990.66
<b>Capital cost allowed</b>	<b>187147.46</b>	<b>253863.16</b>

### Additional Capital Expenditure

14. Clause (3) of Regulation 7 of the 2014 Tariff Regulations provides that the application for determination of tariff shall be based on admitted capital cost including any additional capital expenditure already admitted upto 31.3.2014 (either based on actual or projected additional capital expenditure) and estimated additional capital expenditure for the respective years of the tariff period 2014-19.



15. Regulation 14 of the 2014 Tariff Regulations provides as under:

*"14 (1) The capital expenditure in respect of the new project or an existing project incurred or projected to be incurred, on the following counts within the original scope of work, after the date of commercial operation and up to the cut-off date may be admitted by the Commission, subject to prudence check:*

- (i) Un-discharged liabilities recognized to be payable at a future date;*
- (ii) Works deferred for execution;*
- (iii) xxxxxxxx*

*14 (2) xxxxxxxx*

*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:

Provided further that any capital expenditure other than that of the nature specified above in (i) to (iv) in case of coal/lignite based station shall be met out of compensation allowance:

Provided also that if any expenditure has been claimed under Renovation and Modernisation (R&M), repairs and maintenance under (O&M) expenses and Compensation Allowance, same expenditure cannot be claimed under this regulation."

16. The year-wise breakup of the actual/projected additional capital expenditure (including discharge of liabilities and excluding un-discharged liabilities) claimed by the Petitioner is as under:

(₹ in lakh)				
6.6.2014 to 31.3.2015	2015-16	2016-17	2017-18	2018-19
4683.93	4540.52	13339.42	237.50	0.00

17. The capital cost allowed as on COD of the generating station (6.6.2014) is ₹253863.16 lakh, which includes the Normative IDC of ₹16544.90 lakh. The capital cost for works within the original scope as on 6.6.2014 is ₹237318.26 lakh (253863.16-16544.90) whereas, the ceiling capital cost of the project is ₹253975 lakh (approved RCE). Accordingly, an amount of ₹16656.74 lakh (253975-237318.26) is available for consideration in respect to the balance works/assets under the original scope of work of the project. In view of this, we restrict the additional capital expenditure claimed by the Petitioner to ₹16656.74 lakh for assets/works under the original scope of the project. We now examine the claims





of the petitioner for additional capital expenditure during the respective years of the tariff period, based on prudence check, as under:

(a) 2014-15

18. The additional capital expenditure claimed by the Petitioner for the year is as under:

		(₹ in lakh)
Heads for Additional Capitalization	Amount claimed	
Assets/works under original scope within the cut-off date	(a1) Accrual basis	2528.81
	(b1) Un-discharged liabilities	377.96
	(c1=a1-b1) Cash basis	2150.85
Expenditure for efficient operation of the plant	(a2) Accrual basis	0.00
	(b2) Un-discharged liabilities	0.00
	(c2=a2-b2) Cash basis	0.00
Discharge of liabilities	c3	2533.08
Un-discharged Liability as on 31.3.2015	c4	3835.55
<b>Total (c5)</b>	<b>(c5=c1+c2+c3)</b>	<b>4683.93</b>

19. The petitioner has claimed an additional capital expenditure of ₹4683.93 lakh during 2014-15 which includes an amount of ₹2150.85 lakh towards assets/works within the original scope of work and within the cut-off date and an amount of ₹2533.08 lakh towards discharge of liabilities created upto 31.3.2013.

**Works/assets within the original scope of project**

20. The assets/works under the original scope of project broadly consists of land, civil works, HM works, balance E&M works, building works, roads, bridges and other works, plans and equipment's work and miscellaneous works which include the purchase of 40 kVA and 500 kVA DG set etc. It is observed that the additional capital expenditure of ₹2150.85 lakh claimed by the Petitioner in 2014-15 is mostly towards deferred works/liabilities under the original scope of work of the project and some expenditure towards capitalization of minor assets within the cut-off

date. Since the additional capital expenditure of ₹2150.85 lakh claimed is within the balance limit of the admitted completion cost of the project as on cut-off date i.e ₹16656.74 lakh as above, the capitalisation of expenditure of ₹2150.85 lakh towards works/assets under the original scope of the project in 2014-15 is allowed in terms of Regulation 14 (1)(ii) of the 2014 Tariff Regulations.

### Discharge of liabilities

21. The petitioner has further claimed expenditure of ₹2533.08 lakh towards the discharge of liabilities in respect of assets/works within the original scope of project in 2014-15. Since the expenditure claimed by the petitioner towards discharge of liabilities in 2014-15 is within the balance limit of admitted completion cost of the project as on cut-off date, the additional capital expenditure of ₹2533.08 lakh claimed by the Petitioner is allowed under this head in terms of Regulation 14 (1)(ii) of the 2014 Tariff Regulations.

22. Accordingly, the total additional capital expenditure of ₹4683.93 lakh (2150.85 + 2533.08) is allowed in 2014-15. The balance limit of admitted completion cost of the project works out to be ₹11972.81 lakh (16656.74 - 4683.93).

### (b) 2015-16

23. The additional capital expenditure claimed by the petitioner in 2015-16 is as under:

Heads for additional capitalization	Amount claimed	
		(₹ in lakh)
Assets/works under original scope within the cut-off date	(a1) Accrual basis	4100.12
	(b1) Un-discharged liabilities	2119.77
	(c1=a1-b1) Cash basis	1980.35
Expenditure for	(a2) Accrual Basis	50.01



efficient operation of the plant	(b2) Un-discharged liabilities	2.39
	(c2=a2-b2) Cash basis	47.62
Discharge of liabilities	c3	2512.54
Un-discharged liabilities as on 31.3.2016	c4	445.16
<b>Total (c5)</b>	<b>(c5=c1+c2+c3)</b>	<b>4540.51</b>

24. The petitioner has claimed total additional capital expenditure of ₹4540.51 lakh in 2015-16 which includes an expenditure of ₹1980.35 lakh in respect of assets/works within the original scope of project and within the cut-off date and expenditure of ₹47.62 lakh for works other than within the original scope of project and expenditure of ₹ 2512.54 lakh for discharge of liabilities in 2015-16.

#### **Works/assets within the original scope of project**

25. The petitioner has claimed additional capital expenditure of ₹1980.35 lakh in 2015-16 for works/assets within the original scope of project and for the capitalization of minor assets within the cut-off date. Since the additional capital expenditure of ₹1980.35 lakh is within the balance limit of the admitted completion cost of the project as on cut-off date i.e. ₹11972.81 lakh, the claim of the petitioner for additional capitalisation of ₹1980.35 lakh in 2015-16 for works/assets within the original scope of project is allowed in terms of Regulation 14 (1)(ii) of the 2014 Tariff Regulations.

#### **Discharge of liabilities**

26. The petitioner has further claimed expenditure of ₹2512.54 lakh towards the discharge of liabilities in respect of assets/works of assets/works within the original scope of project in 2015-16. Since the additional capital expenditure claimed by the petitioner for discharge of liabilities in 2015-16 is within the balance limit of admitted completion cost of the project as on cut-off date i.e.



₹11972.81 lakh, expenditure of ₹2512.54 lakh towards discharge of liabilities in 2015-16 is allowed in terms of Regulation 14 (1)(ii) of the 2014 Tariff Regulations.

**Expenditure for efficient & successful operation of plant**

27. The petitioner has also claimed additional capital expenditure of ₹47.62 lakh for works/service towards efficient and successful operation of the plant. Based on the justification furnished, the admissibility of the claims based on prudence check, is as under:

(₹ in lakh)			
Works/ Items	Amount claimed	Justification	Admissibility
Painting work at dam top parapet	0.53	Work essential for longevity of the structure [Regulation 14(3)(viii)]	Not Allowed. Such expenses of recurring nature shall be met from the O&M expenses
Protection of left bank & removal of boulder in front of TRT outfall	47.09	Work carried out at TRT outfall for safety of the structure [Regulation 14(3)(viii)]	Allowed. Since the work is related to security & safety of operation of the plant
<b>Amount claimed</b>	<b>47.62</b>		
<b>Amount allowed</b>			<b>47.09</b>

28. Accordingly, out of the additional capital expenditure of ₹47.62 lakh claimed by the petitioner for works/assets other than within the original scope of project for the year 2015-16, only an expenditure of ₹47.09 lakh is allowed to be capitalised.

29. As such, a total additional capital expenditure of ₹4539.98 lakh is allowed in 2015-16. The balance limit of admitted completion cost of the project works out to be ₹7479.92 lakh (11972.81 - 4492.89).

**(c) 2016-17**

30. The additional capital expenditure claimed by the petitioner in 2016-17 is as under:

(₹ in lakh)

Heads for additional capitalization	Amount claimed	
Assets/works under original scope within the cut-off date	(a1) Accrual basis	9677.03
	(b1) Un-discharged liabilities	0.00
	<b>(c1=a1-b1) Cash basis</b>	<b>9677.03</b>
Expenditure for efficient operation of the plant	(a2) Accrual basis	217.24
	(b2) Un-discharged liabilities	0.00
	<b>(c2=a2-b2) Cash basis</b>	<b>217.24</b>
Discharge of liabilities	c3	3445.16
Un-discharged liabilities as on 31.3.2017	c4	0.00
<b>Total (c5)</b>	<b>(c5=c1+c2+c3)</b>	<b>13339.42</b>

31. The petitioner has claimed total additional capital expenditure of ₹9894.26 lakh in 2016-17 which includes expenditure of ₹9677.03 lakh towards assets/works within the original scope of project and within the cutoff date, an expenditure of ₹217.24 lakh for works other than within the original scope of project and expenditure of ₹3445.16 lakh towards discharge of liabilities in 2016-17.

#### **Works/assets within the original scope of project**

32. The petitioner has claimed additional capital expenditure of ₹9677.03 lakh in 2016-17 for works/assets within the original scope of project and for capitalization of minor assets within the cut-off date. The additional capital expenditure of ₹9677.03 lakh claimed in 2016-17 is not within the balance admitted completion cost of the project as on cut-off date i.e. ₹7479.92 lakh. Hence, the claim for additional expenditure for works/assets within the original scope of project is restricted to ₹7479.92 lakh and is allowed in terms Regulation 14 (1)(ii) of the 2014 Tariff Regulations.

### Discharge of liabilities

33. The petitioner has further claimed expenditure of ₹3445.16 lakh for discharge of liabilities in 2016-17. Since the additional capital expenditure claimed by the Petitioner for discharge of liabilities in 2016-17 exceeds the admitted completion cost of the project as on cut-off date, we are not inclined to allow the claim of the petitioner under this head, except for an amount of ₹2.39 lakh towards undischarged liability allowed in 2015-16 for assets/works towards efficient operation of the plant.

### Works/assets other than within the original scope of project

34. The petitioner has also claimed additional capital expenditure of ₹217.24 lakh for works/service towards efficient and successful operation of plant. Based on the justification furnished, the admissibility of the claims based on prudence check, is as under:

Works/ Items	Amount claimed	Justification	Admissibility
Concrete work of Diversion Tunnel 2.	109.50	This tunnel was initially used as diversion tunnel. The tunnel is to be used as spillway tunnel during O&M stage	The petitioner has proposed to use the diversion tunnel as spillway tunnel during O&M stage. Since the asset/work will be useful for O&M of the plant, the expenditure is allowed.
Providing & fixing walkway platform & railings around the Stop log storage, Diversion & spillway tunnels, and ladders for DT gates and platform for Power studio.	11.74	Safety of manpower	Considering the fact that the expenditure is required for the safety of the plant and personnel, the expenditure is allowed.
Second stage concreting for Trash Rack Cleaning Machine(TRCM)	3.00	This is required for TRCM which is finally required for efficient operation of the plant.	Considering the fact that the asset is required for efficient operation of the plant, the expenditure is allowed



Concrete cladding in Main Access Tunnel (MAT) of Power House.	90.00	Fall of loose rock has been observed. Hence to ensure safe movement of man power and equipment.	Considering the fact that these works/assets are required for the safety of the project, the expenditure is allowed.
Purchase of CCTV	3.00	Security and surveillance of Admin block at Behali	Keeping in view the safety of project and surveillance required for the plant, the expenditure is allowed.
<b>Total amount claimed</b>	<b>217.24</b>		
<b>Total amount allowed</b>			<b>217.24</b>

35. Accordingly, the additional capital expenditure of ₹217.24 lakh is allowed in 2016-17 in terms of Regulation 14 (1)(ii) of the 2014 Tariff Regulations.

36. Based on the above, total additional capital expenditure of ₹7699.55 lakh (7479.92+217.24+2.39) is allowed for works/assets within the original scope of project in 2016-17. The balance limit of admitted completion cost of the project is nil.

**(d) 2017-18**

37. The additional capital expenditure claimed by the petitioner in 2017-18 is as under:

Heads for additional capitalization	Amount claimed	
		(₹ in lakh)
Assets/works under original scope within the cut-off date	(a1) Accrual basis	50.00
	(b1) Un-discharged liabilities	0.00
	<b>(c1=a1-b1) Cash basis</b>	<b>50.00</b>
Expenditure for efficient operation of the plant	(a2) Accrual basis	187.50
	(b2) Un-discharged liabilities	0.00
	<b>(c2=a2-b2) Cash basis</b>	<b>187.50</b>
Discharge of liabilities	<b>c3</b>	0.00
Un-discharged liabilities as on 31.3.2017	<b>c4</b>	0.00
<b>Total (c5)</b>	<b>(c5=c1+c2+c3)</b>	<b>237.50</b>

38. The petitioner has claimed additional capital expenditure of ₹237.50 lakh in 2017-18 which includes expenditure of ₹50.00 lakh for assets/works within the original scope of project and beyond the cut-off date and expenditure for ₹187.50 lakh for works other than within the original scope of project.

**Works/assets within the original scope of project**

39. The petitioner has claimed additional capital expenditure of ₹50.00 lakh in 2017-18 for works/assets within the original scope of project but beyond the cut-off date. As the admitted completion cost has been capitalised in full till 2016-17, the claim for additional capital expenditure of ₹50.00 lakh in 2017-18 is not allowed.

**Works/assets other than within the original scope of project**

40. The petitioner has also claimed additional capital expenditure of ₹187.50 lakh for works/service towards efficient and successful operation of the plant. Based on the justification furnished, the admissibility of the claims based on prudence check, is as under:

Works for efficient operation of the plant			
Works/ Items	Amount claimed	Justification	Admissibility
Purchase of pump	15.00	Augmentation of pumping at different locations.	Since the asset is required for safe and efficient operation of the plant, the expenditure is <b>allowed</b>
Purchase of video wall for SCADA system	20.00	Present DLP based video walls are outdated	
Purchase of Pallet truck	2.50	For shifting handling of heavy items	The asset is of the nature of tools & tackles and capitalization of the same after the cut-off date is not permissible in terms of the 2014 Tariff Regulations. Hence, expenditure is <b>not allowed</b>
Purchase of Unit Auxiliary Transformer	90.00	For spare	Since the capitalization of spares after the cut-off date is not permissible in terms of the 2014 Tariff Regulations. Hence, expenditure is <b>not allowed</b>
Purchase of Station Auxiliary Transformer	60.00		
<b>Total amount claimed</b>	<b>187.50</b>		
<b>Total amount allowed</b>			<b>35.00</b>





41. Accordingly, additional capital expenditure of ₹35.00 lakh as above is allowed in 2017-18.

**(e) 2018-19**

42. The petitioner has not claimed additional capital expenditure for the year 2018-19.

**De-capitalization**

43. Regulation 14(4) of the 2014 Tariff Regulations provides as under:

*"In case of de-capitalisation of assets of a generating company or the transmission licensee, as the case may be, the original cost of such asset as on the date of de-capitalisation shall be deducted from the value of gross fixed asset and corresponding loan as well as equity shall be deducted from outstanding loan and the equity respectively in the year such de-capitalisation takes place, duly taking into consideration the year in which it was capitalised."*

44. The petitioner, in per Form 9B(i), has claimed de-capitalization of the assets as under:

(₹ in lakh)				
2014-15	2015-16	2016-17	2017-18	2018-19
1728.63	84.67	0.00	0.00	0.00

45. Since the assets are not in use, the claim of the petitioner for de-capitalisation of amounts is allowed. Accordingly, the year-wise details of de-capitalization are as under:

(₹ in lakh)				
2014-15	2015-16	2016-17	2017-18	2018-19
1728.63	84.67	0.00	0.00	0.00

**Additional capital expenditure (Net) allowed**

46. Based on the above discussions, the net additional capital expenditure allowed are as under:

(₹ in lakh)						
	1.4.2014 to 5.6.2014	6.6.2014 to 31.3.2015	2015-16	2016-17	2017-18	2018-19
Addition during the year / period	0.00	2150.85	2027.44	7697.16	35.00	0.00



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Less : De-capitalization during the year / period	0.00	1728.63	84.67	0.00	0.00	0.00
Add : Discharges during the year / period	0.00	2533.08	2512.54	2.39	0.00	0.00
Additional Capital expenditure allowed	0.00	2955.30	4455.32	7699.55	35.00	0.00

### Capital Cost for 2014-19

47. Accordingly, the capital cost allowed for the purpose of tariff for 2014-19 is as under:

	(₹ in lakh)					
	1.4.2014 to 5.6.2014	6.6.2014 to 31.3.2015	2015-16	2016-17	2017-18	2018-19
Opening Capital Cost	187147.46	253863.16	256818.45	261273.77	268973.32	269008.32
Admitted additional capital expenditure	0.00	2955.30	4455.32	7699.55	35.00	0.00
Capital Cost as on 31 <sup>st</sup> March	187147.46	256818.45	261273.77	268973.32	269008.32	269008.32

### Debt-Equity Ratio

48. Regulation 19 of the 2014 Tariff Regulations provides as under:

*“19(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.”*

Accordingly, the debt equity ratio of 70:30 has been considered as per the above regulations.

### Return on Equity

49. 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.

50. 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.

(3) The generating company or the transmission licensee, as the case may be, shall true up the grossed up rate of return on equity at the end of every financial year based on actual tax paid together with any additional tax demand including interest thereon, duly adjusted for any refund of tax including interest received from the income tax authorities pertaining to the tariff period 2014-15 to 2018-19 on actual gross income of any financial year. However, penalty, if any, arising on account of delay in deposit or short deposit of tax amount shall not be claimed by the generating company or the transmission licensee as the case may be. Any under-recovery or over-recovery of grossed up rate on return on equity after truing up, shall be recovered or refunded to beneficiaries or the long term transmission customers/DICs as the case may be on year to year basis."

51. In line with the above regulations, grossing up of base rate has been done with MAT Rate of the 2013-14. The petitioner shall furnish the effective tax rates with Tax Audit report for the period 2014-19 at the time of truing up exercise in terms of Regulation 8 of the 2014 Tariff Regulations. Accordingly, Return on Equity has been computed as under:

	(₹ in lakh)					
	1.4.2014 to 5.6.2014	6.6.2014 to 31.3.2015	2015-16	2016-17	2017-18	2018-19
Opening Equity	56144.24	76158.95	77045.54	78382.13	80692.00	80702.50
Addition due to additional capitalization	0.00	886.59	1336.59	2309.87	10.50	0.00
Closing Equity	56144.24	77045.54	78382.13	80692.00	80702.50	80702.50
Average Equity	56144.24	76602.24	77713.83	79537.06	80697.25	80702.50
Return on Equity (Base Rate)	16.500%	16.500%	16.500%	16.500%	16.500%	16.500%
Tax rate for the year	20.961%	20.961%	20.961%	20.961%	20.961%	20.961%
Rate of Return on Equity (Pre Tax )	20.876%	20.876%	20.876%	20.876%	20.876%	20.876%
Return on Equity (Pre Tax)	2119.35	13099.87	16223.54	16604.16	16846.36	16847.45

### Interest on loan

52. 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 up to 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."

53. The salient features for computation of interest on loan is as under:
- (a) The opening gross normative loan as on 1.4.2014 has been arrived at in accordance with Regulation 26 of the 2014 Tariff Regulations.
  - (b) The weighted average rate of interest has been worked out on the basis of the actual loan portfolio of respective year applicable to the project.
  - (c) The repayment for the year of the tariff period 2009-14 has been considered equal to the depreciation allowed for that year.
  - (d) The interest on loan has been calculated on the normative average loan of the year by applying the weighted average rate of interest.

54. Accordingly, interest on loan has been worked out as under:

	(₹ in lakh)					
	1.4.2014 to 5.6.2014	6.6.2014 to 31.3.2015	2015-16	2016-17	2017-18	2018-19
Gross Normative Loan	131003.22	177704.21	179772.92	182891.64	188281.32	188305.82
Cumulative Repayment up to Previous Year	154.03	1850.09	12250.82	25094.98	38157.28	51410.12
Net Loan-Opening	130849.19	175854.12	167522.10	157796.66	150124.04	136895.70
Repayment during the year	1696.06	10400.73	12844.17	13062.30	13252.84	13253.70
Addition due to Additional Capitalization	0.00	2068.71	3118.72	5389.69	24.50	0.00
Net Loan-Closing	129153.13	167522.10	157796.66	150124.04	136895.70	123642.00
Average Loan	130001.16	171688.11	162659.38	153960.35	143509.87	130268.85
Weighted Average Rate of Interest on Loan	9.717%	9.622%	9.599%	9.455%	9.304%	9.009%
Interest	2284.09	13532.80	15613.78	14556.98	13351.53	11735.83

### Depreciation

55. 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 up to 31.3.2014 from the gross depreciable value of the assets.

(7) The generating company or the transmission license, 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."

56. The weighted average rate of depreciation of 5.012%, 4.972%, 4.958% and 4.927% for the period from 1.4.2014 to 5.6.2014, 6.6.2014 to 31.3.2015, 2015-16, 2016-17, 2017-18 and 2018-19 has been calculated and considered in terms of the above regulations. Accordingly, depreciation has been calculated as under:

	(₹ in lakh)					
	1.4.2014 to 5.6.2014	6.6.2014 to 31.3.2015	2015-16	2016-17	2017-18	2018-19
Opening Gross Block	187147.46	253863.16	256818.45	261273.77	268973.32	269008.32
Addition due to Projected Additional Capitalization	0.00	2955.30	4455.32	7699.55	35.00	0.00
Closing Gross Block	187147.46	256818.45	261273.77	268973.32	269008.32	269008.32



Average Gross Block	187147.46	255340.80	259046.11	265123.54	268990.82	269008.32
Rate of Depreciation	5.012%	4.972%	4.958%	4.927%	4.927%	4.927%
Depreciable Value	168432.71	229806.72	233141.50	238611.19	242091.74	242107.49
Remaining Depreciable Value	168278.68	227956.64	220972.59	213606.22	204024.46	190787.38
Depreciation	<b>1696.06</b>	<b>10400.73</b>	<b>12844.17</b>	<b>13062.30</b>	<b>13252.84</b>	<b>13253.70</b>

### O&M expenses

57. Regulation 29 (3) (d) of the 2014 Tariff Regulations provides as under:

- a. xxxxx  
b. xxxxx  
c. xxxx

d. *In case of the hydro generating stations declared under commercial operation on or after 1.4.2014, operation and maintenance expenses shall be fixed at 4% and 2.50% of the original project cost (excluding cost of rehabilitation & resettlement works) for first year of commercial operation for stations less than 200 MW projects and for stations more than 200 MW respectively and shall be subject to annual escalation of 6.64% per annum for the subsequent years."*

58. The Petitioner has claimed the following O&M expenses for the period 2014-19:

(₹ in lakh)					
1.4.2014 to 5.6.2014	6.6.2014 to 31.3.2015	2015-16	2016-17	2017-18	2018-19
5130.64	6840.86	7295.09	7779.48	8296.04	8846.90

59. The COD of the generating station is 6.6.2014. The project cost as on the cut-off date of the generating station (31.3.2017) is ₹268973.32 lakh. The petitioner has indicated an amount of ₹713.11 lakh towards Rehabilitation and Resettlement cost and the same is considered for calculation of the admissible O&M expenses. Based on the above, the admissible O&M expenses are worked out as under:





	(₹ in lakh)					
	1.4.2014 to 5.6.2014	6.6.2014 to 31.3.2015	2015-16	2016-17	2017-18	2018-19
Capital cost considered as on COD of Units/station (a)	187147.46	268973.32*	0.00	0.00	0.00	0.00
Less: pro-rata R&R expenses (b)	534.83	713.11	0.00	0.00	0.00	0.00
Capital cost for the purpose of O&M (c) =(a)-(b)	186612.63	268260.21	0.00	0.00	0.00	0.00
Annualized O&M (2.5% of (c))	4665.32	6706.51	0.00	0.00	0.00	0.00
No. of days	66	299	0.00	0.00	0.00	0.00
Pro-rata O&M expenses for the no. of days	843.59	5493.82	7151.82	7626.70	8133.11	8673.15

\*Cut-off date cost= Capital cost as on 31.3.2017

### Interest on Working Capital

60. Sub-section (c) of Clause (1) of Regulation 28 of the 2014 Tariff Regulations provides as under:

*“28. Interest on Working Capital:*

*(1) The working capital shall cover*

*(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 expense specified in regulation 29; and*

*(iii) Operation and maintenance expenses for one month.”*

### Rate of interest on working capital

61. Clause (3) of Regulation 28 of the 2014 Tariff Regulations provides as under:

*“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.”*

62. Accordingly, Interest on working capital has been calculated in terms of the above regulations as shown below:

	1.4.2014 to 5.6.2014	6.6.2014 to 31.3.2015	2015-16	2016-17	2017-18	(₹ in lakh) 2018-19
Maintenance Spares	126.54	824.07	1072.77	1144.00	1219.97	1300.97
O & M expenses	70.30	457.82	595.98	635.56	677.76	722.76
Receivables	1188.35	7280.53	8876.14	8881.57	8838.88	8658.71
Total	1385.19	8562.42	10544.90	10661.13	10736.61	10682.44
Interest Rate	13.50%	13.50%	13.50%	13.50%	13.50%	13.50%
Interest on Working Capital	187.00	1155.93	1423.56	1439.25	1449.44	1442.13

### Annual Fixed Charges

63. Based on the above, the annual fixed charges approved for the generating station is summarized as under:

(₹ in lakh)

	1.4.2014 to 5.6.2014	6.6.2014 to 31.3.2015	2015-16	2016-17	2017-18	2018-19
Return on Equity	2119.35	13099.87	16223.54	16604.16	16846.36	16847.45
Interest on Loan	2284.09	13532.80	15613.78	14556.98	13351.53	11735.83
Depreciation	1696.06	10400.73	12844.17	13062.30	13252.84	13253.70
Interest on Working Capital	187.00	1155.93	1423.56	1439.25	1449.44	1442.13
O & M Expenses	843.59	5493.82	7151.82	7626.70	8133.11	8673.15
Total	7130.10	43683.15	53256.87	53289.39	53033.28	51952.26

### Normative Annual Plant Availability Factor (NAPAF)

64. NAPAF of 68% as approved by Commission's order dated 5.4.2019 in Petition No. 7/GT/2017 has been allowed.

### Design Energy

65. The Design Energy of 1963.29 MUs as approved by the Commission vide its order dated 5.4.2019 in Petition No. 7/GT/2017, is allowed. Accordingly, the same has been considered for the generating station (month-wise) as detailed under:

Months	10 Days Monthly (10 days monthly)	Design Energy (MUs)
April	1-10	28.88
	11-20	30.65
	21-30	43.86



May	1-10	55.76
	11-20	61.43
	21-31	71.39
June	1-10	71.65
	11-20	104.65
	21-30	89.52
July	1-10	118.56
	11-20	118.56
	21-31	130.42
August	1-10	118.56
	11-20	118.56
	21-31	130.42
September	1-10	111.01
	11-20	81.86
	21-30	57.43
October	1-10	41.14
	11-20	33.31
	21-31	31.63
November	1-10	25.39
	11-20	23.62
	21-30	22.81
December	1-10	19.83
	11-20	19.14
	21-31	21.68
January	1-10	19.18
	11-20	18.7
	21-31	20.87
February	1-10	18.6
	11-20	18.51
	21-29	16.92
March	1-10	19.73
	11-20	22.04
	21-31	27.02
<b>Total</b>		<b>1963.29</b>

### Application Fee and Publication Expenses

66. The petitioner has sought reimbursement of filing fee and also the expenses incurred towards publication of notices for application of tariff for the period 2014-19. 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 period 2014-19 and also the expenses incurred on publication of notices *pro-rata* directly from the respondents, on production of documentary proof.



67. The annual fixed charges determined in this order are subject to truing-up in terms of Regulation 8 of the 2014 Tariff Regulations.

68. Petition No. 6/GT/2017 is disposed of in terms of the above.

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

sd/-  
(P.K. Pujari)  
Chairperson



# **ANNEX-IV**

---

~~Amended~~

Amended 7.3

MOST IMMEDIATE

F No. 2/1/2014-H.I (Pt)  
Government of India  
Ministry of Power

Shram Shakti Bhawan, Rafi Marg  
New Delhi dated 29<sup>th</sup> January, 2019.

To,

The CMD  
NHPC  
Faridabad

The CMD  
NEEPCO  
Shillong.

The CMD  
SJVNL  
Shimla

The CMD  
THDCIL  
Rishikesh

**SUBJECT: Regularization of Pay scales of below Board Level Executives in NHPC Ltd., North East Electric Power Corporation, THDC India Ltd. and SJVN Ltd. w.e.f. 01.01.1997 – reg.**

Sir,

In supercession of the following orders issued by this Ministry, I am directed to state that the Government have approved the proposal to regularize the adopted pay scales of below Board Level Executives in NHPC Ltd., SJVN Ltd., NEEPCO Ltd. and THDCIL w.e.f. 01.01.1997 adopted by them in pursuance of the orders of this Ministry dated 04.04.2006 and 01.09.2006.

- Ministry of Power's letter No. 11/17/2009-NHPC/Vol.III dated 27.12.2013.
- Ministry of Power's order No. 2/1/2014-H.I-Vol.III (Pt) dated 28.06.2017 to NEEPCO
- Ministry of Power's order No. 2/2/2014-H.I(Pt) dated 28.06.2017 to THDCIL
- Ministry of Power's Order No. 6/3/2015-NHPC (Pt.1) dated 11.08.2017 to NHPC
- Ministry of Power's order No. 2/2/2014-H.I(Pt) dated 30.06.2017 to all Power CPSEs

2. The aforesaid CPSEs are accordingly directed to implement the decision of the Government.

*Malyain*  
29/1/2018  
ED (AR)

Yours faithfully,

*S. Benjamin*  
(S. Benjamin)

Under Secretary to the Govt. of India  
Telefax: 23324357

30.1.19  
GM (III)

Copy to:

- PS to HMoSP(I/c)
- PPS to Secretary (P) / PPS to Addl. Secretary
- PPS to JS(Hydro) / PPS to JS&FA / Director (H.1) / DS(H.II)
- US(H.II) / US(NHPC) / US(Fin)
- Cabinet Secretariat (Shri S.P.G. Verghese, Director), Rashtrapati Bhawan, New Delhi w.r.t communication No No 4/CM/2019 dated 21.01.2019

29 JAN 2019

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ED/AR/237  
29/01/19



22  
64 264

# **ANNEX-V**





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)*  
19/12/17  
(I. Boral)  
GM (HR)

**Distribution: Standard**



## Annexure - I

SI 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

*Handwritten signature*



# **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 H U M S & Associates  
Chartered Accountants  
FRN- 022230N



*[Signature]*  
Partner  
M.No. 505140

Place: New Delhi.  
Date: 18.12.2015



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
Profit Before Tax (PBT)	28,261,704,421	22,439,574,070	5,822,130,351
Add: Provision for Project Expenses	511,541,213	43,345,046	468,196,167
Disallowance of Provisions			0
Provision for bad and doubtful claims and advances	358,935,014	91,917,068	267,017,946
Provision for fixed assets provided for	253,509,697	253,225,778	283,910
Diminution in value of assets and spares	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>29,698,198,699</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>1,752,739,268</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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COMPA A PART OF COMPANY'S TAX REVISIONS EFFECTIVE DATE 03.08.2016

Description	As Per Assessment	Total of 2016 Project	Total of 2016 and others
Net Profit as per Profit & Loss account	11,95,87,25,938	29,18,04,98,500	2,80,02,96,466
<b>Add:</b>			
Disallowance of Provisions			0
Provision for Project Expenses	3,50,68,74,022	0	3,50,68,74,022
Provision for bad and doubtful claims and advances	23,64,96,537	3,37,14,309	20,27,83,168
Provision for doubtful debts created	52,94,486	26,06,188	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	69,26,809	64,69,447	4,57,362
Provision for Others	10,35,095	5,50,986	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:</b>			
Deductions			
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	4,90,52,55,513
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	5,36,72,398	54,54,898	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
	<b>NET PROFIT AS PER STATEMENT OF PROFIT AND LOSS</b>	<b>34,746,089,925</b>	<b>29,977,824,138</b>	<b>4,768,265,787</b>
<b>Add:</b>	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	-
	<b>OCI - Adjustment</b>			
	Remeasurements of the defined benefit plans	(557,832,173)	(132,496,553)	(425,335,620)
	Opening - Retention 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>
<b>Less:</b>	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)  
Partner  
M.No.507212



Place: New Delhi  
Dated: 11th June 2018



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COMPARISON OF BOOK PROFIT AND PROFIT BEFORE TAX FOR THE FY 2017-18

S. No.	Description	Total	Total of O & M	Corp Offices and others
	PROFIT BEFORE TAX	35,28,22,26,161	27,94,48,05,307	7,33,74,20,854
Add:	<u>Provisions</u>			
	Bad and doubtful debts provided	1,92,61,000		1,92,61,000
	Bad and doubtful claims provided	1,93,29,919	1,93,29,919	
	Diminution in value of stores and spares	27,69,748	27,69,748	
	Project expenses provided for	26,26,69,864	6,75,01,149	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	-
	<u>OCI - Adjustment</u>			
	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:	<u>Exempt and Tax Free Income</u>			
	- Dividend	6,32,11,73,400	-	6,32,11,73,400
Less:	<u>Provisions utilised/Reversed during the period</u>			
	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>3,51,88,317</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>
	MAT @ 21.3416%	6,35,21,24,928	6,10,61,54,731	24,59,70,197
	Add: Interest u/s 234			
	<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>	



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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: [Murarkanitesh@yahoo.com](mailto:Murarkanitesh@yahoo.com), Mobile No. : 7827480102

# **ANNEX-VII**

Annex-VII  
Annex-18

**DSP & ASSOCIATES**  
CHARTERED ACCOUNTANTS

783, Desh Bandhu Gupta Road,  
Near Faiz Road Crossing  
Karol Bagh, New Delhi-110 005  
☎ 23684423, 23622076  
Telefax : 23622094, 41545550  
E-mail : dspdelhi@dspdelhi.in  
aksinghal@dspdelhi.in  
Website : www.dspdelhi.in

**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> 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 PARBATI-III 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, DSP & ASSOCIATES, Chartered Accountants (Firm's ICAI Registration No. 006791N), 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 1<sup>st</sup> July 2017 to 31<sup>st</sup> March 2018 and from 1<sup>st</sup> April 2018 to 31<sup>st</sup> December 2018" ("the Statement") in respect of PARBATI III 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.



**Branches : (1) KASHIPUR (UTTRAKHAND) 05947-278145, 272145 (2) KARAMPURA (DELHI) 25920935  
(3) DARYA GANJ (DELHI) 23289270**

125 277

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**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 1<sup>st</sup> 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 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 thereunder and other accounting principles generally accepted in India.

The Financial Statement for the year ended 31<sup>st</sup> March 2018 had been subjected to audit by M/s S N Dhawan & co., Chartered Accountants (the "Previous Auditor") pursuant to the requirements of the Companies Act, 2013 and unaudited financial results for the quarter ended 30<sup>th</sup> June 2018 had been subjected to limited review by the Previous Auditor 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'). Their audit/ review of the financial statements/ results was conducted in accordance with the Standards on Auditing and other applicable authoritative pronouncements issued by the Institute of Chartered Accountants of India. Those Standards require that they plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. Their audit/ review were not planned and performed in connection with any transactions to identify matters that may be of potential interest to third parties. We have placed reliance on these financial statements/ results and the report issued thereupon by Previous Auditor.

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.



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**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 showing the amount of impact on cost due to applicability of GST considering materiality concept is in agreement with the books of account and other records and financial statements/ results 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 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.

Firm Name: **DSP & ASSOCIATES**  
Firm's ICAI Registration No: 006791N

Partner: **CA Atul Jain**  
Membership No: **091431**  
UDIN NO: **19091431AAAAAG3280**

Place: **New Delhi**  
Date: **22<sup>nd</sup> March, 2019**



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**Summary of Additional Impact on account of GST**

Name of Power Station : **PARBATI-3 POWER STATION**

Annexure-I

Sl.No.	Particulars	(Amount in Rs.)	
		2017-18	Remarks
<b>1</b>	<b>Additional GST Impact on Security Services</b>		
	-CISF (including RCM & Other)	1,861,696	
	-Other than CISF	251,677	
<b>2</b>	<b>Additional GST Impact on work awarded in pre-GST period but executed in post GST period forming part of O&amp;M expenses</b>		
	- R&M/Manpower Work	674,477	
	-Other Work	0	
<b>3</b>	<b>Additional GST Impact on supply awarded in pre-GST period but executed in post GST period forming part of O&amp;M expenses</b>	0	
<b>4</b>	<b>Additional Impact of GST on work awarded &amp; execution in post GST period viz-a-viz in case work would have been awarded in pre GST Period</b>		
	- R&M/Manpower Work	-35,069	
	-Other Work	696,313	
<b>5</b>	<b>Additional Impact of GST on supply order awarded &amp; execution in post GST period viz-a-viz in case order would have been awarded in pre GST Period</b>	-731,953	0
<b>6</b>	<b>Additional GST Impact on RO/CO Management expenses, if any.</b>	3,155,868	
<b>7</b>	<b>Additional GST Impact on Other Services like Insurance etc.</b>	1,372,266	
		<b>7,245,276</b>	

*(Signature)*  
HEAD OF FINANCE

*(Signature)*  
ATUL  
M.M. 09/11/19



**7,245,276**  
*(Signature)*  
HEAD OF POWER STATION

**Note :**

1. This Annexure has to be read subject to our certificate dated 22<sup>nd</sup> March, 2019
2. Tax component for pre GST period, for working out impact of GST, has been worked out based on certain assumptions following materiality concept by the Company.



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**Summary of Additional Impact on account of GST**


Name of Power Station : **PARBATI-3 POWER STATION**


Annexure-II

Sl.No.	Particulars	(Amount in Rs.)	
		2018-19 (upto 31-12-2018)	Remarks
<b>1</b>	<b>Additional GST Impact on Security Services</b>		
	-CISF (Including RCM & Other)	1,696,585	
	-Other than CISF	266,624	
<b>2</b>	<b>Additional GST Impact on work awarded in pre-GST period but executed in post GST period forming part of O&amp;M expenses</b>		
	- R&M/Manpower Work	106,381	
	-Other Work		
<b>3</b>	<b>Additional GST Impact on supply awarded in pre-GST period but executed in post GST period forming part of O&amp;M expenses</b>		
<b>4</b>	<b>Additional Impact of GST on work awarded &amp; execution in post GST period viz-a-viz in case work would have been awarded in</b>		
	- R&M/Manpower Work	497,060	
	-Other Work	697,504	
<b>5</b>	<b>Additional Impact of GST on supply order awarded &amp; execution in post GST period viz-a-viz in case order would have been</b>	-716,700	
<b>6</b>	<b>Additional GST Impact on RO/CO Management expenses, if any.</b>	5,045,278	
<b>7</b>	<b>Additional GST impact on Other Services like Insurance etc.</b>	1,240,293	

**8,833,025**

  
HEAD OF FINANCE

  
HEAD OF POWER STATION

  
ABUL J  
M.No. 0914

**Note :**

1. This Annexure has to be read subject to our certificate dated 22nd March, 2019
2. Tax component for pre GST period, for working out impact of GST, has been worked out based on certain assumptions



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**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 PARBATI -III 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, DSP & Associates, Chartered Accountants (Firm's ICAI Registration No. 006791-N), the Joint statutory auditors ("the auditor") of the Company, having its registered office at NHPC Office Complex, Sector-33, Faridabad-121003, Haryana have been requested to provide the Certificate certifying the amount of Impact of Goods and services Tax (GST) for the period 1<sup>st</sup> January 2019 to 31<sup>st</sup> March 2019 in respect of PARBATI -III Power Station of the company during the control period 2014-2019 due to change in Law. The statement of additional O & M expenses ("the statement") which is meant for submission to Central Electricity Regulatory Commission (CERC) as compiled by the management is annexed here with **(Annexure C)** and has been initialled by us for identification.

**Management's Responsibility**

3. The Statement 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 accuracy and completeness of the accounting records, and related details and information 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, notifications and directives under Electricity Act 2003 and submitting the same to CERC.

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**Auditor's Responsibility**

5. It is our responsibility to certify the Statement based on our examination of the figures for the period 1<sup>st</sup> January 2019 to 31<sup>st</sup> March 2019 as given in the Statement with reference to the books of account and other relevant records of the Company and certify that these are in accordance therewith.
6. The financial Statement for the year ended 31<sup>st</sup> March 2019 were audited by us pursuant to the requirements of the Companies Act, 2013. Our audit of the financial statements was conducted in accordance with the Standards on Auditing and other applicable authoritative pronouncements issued by the Institute of Chartered Accountants of India. Those Standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. Our audit were not planned and performed in connection with any transactions to identify matters that may be of potential interest to third parties.
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 books and records, as above, and the information and explanations given to us, we certify that the figures for additional O & M Expenses incurred due to the Impact of GST as given in the attached statement (**Annexure C**) 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.



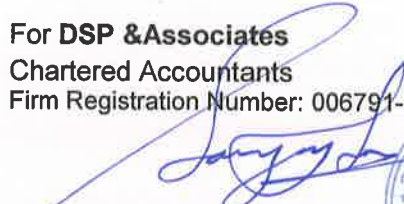
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**Restriction on use**

10. Our work was performed solely to assist you in meeting your responsibilities for complying with the provisions and directions pursuant to the provisions of Electricity Act 2003 in submission of your claim for additional O & M expenses incurred due to Impact of GST 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 submission to CERC in respect of their claim for additional O & M expenses due to Impact of GST 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 **DSP & Associates**  
Chartered Accountants  
Firm Registration Number: 006791-N

  
**CA SANJAY JAIN**  
Partner  
Membership Number: 084906



Place: New Delhi  
Dated: July 17, 2019

UDIN:19084906AAAAER3670

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**Summary of Additional Impact on account of GST**


Name of Power Station : PARBATI-3 POWER STATION

Annexure-II

(Amount in Rs.)

Sl.No.	Particulars	2018-19 (Jan.19 to Mar.19)	Remarks
1	Additional GST Impact on Security Services		
	-CISF (including RCM & Other)	6,04,079	
	-Other than CISF	89,052	
2	Additional GST Impact on work awarded in pre-GST period but executed in post GST period forming part of O&M expenses		
	- R&M/Manpower Work	-	
	-Other Work	-	
3	Additional GST Impact on supply awarded in pre-GST period but executed in post GST period forming part of O&M	-	
4	Additional Impact of GST on work awarded & execution in post GST period viz-a-viz in case work would have been awarded in		
	- R&M/Manpower Work	-7,87,768	
	-Other Work	4,66,801	
5	Additional Impact of GST on supply order awarded & execution in post GST period viz-a-viz in case order would have been	-2,43,509	
6	Additional GST Impact on RO/CO Management expenses, if any.	20,48,466	
7	Additional GST impact on Other Services like Insurance etc.	3,99,351	

25,76,472

For   
04/07/2019  
HEAD OF FINANCE



  
HEAD OF POWER STATION

**Note :**

1. This Annexure has to be read subject to our certificate dated .....
2. Tax component for pre GST period, for working out impact of GST, has been worked out based on certain assumptions

# **ANNEX-VIII**









**NHPC Ltd.**  
(A Schedule 'A' Enterprise of Govt. of India)  
NHPC Office Complex, Sector 33, Faridabad - 121003

<b>Address of Beneficiary</b>  DY. CHIEF ENGINEER / ISB PUNJAB STATE POWER CORPORATION LTD. SHED NO.T- 1A. THERMAL DESIGNS. PSPCL PATIALA - PUNJAB  <b>Beneficiary GST No. :</b> 03AAFCP5120Q1ZC	<b>BILL FOR</b> FY 2016 - 2017 <b>BILL TYPE</b> SUPPLEMENTARY <b>MONTH</b> 201703 <b>BILL NO</b> 119B00120191018 <span style="float: right;">Acc. Rev. 5</span> <b>BILL DATE</b> 25-Sep-2019 <b>HSN NO. :</b> 27160000
<b>PROJECT</b> PARBATI- III	<b>F/COM/722/02/08 Rev. No.:</b> 00 Eff Date:9/1/2006

NHPC LTD, Village BEHALI, PO - LARJI, 175122 - KULLU HP IN - INDIA  
**PROJECT GST No. :** 02AAACN0149C1ZB

Annual DE	ADI	1963.290000	MU	Energy Charge shortfall prev to prev year	PEC_SF2	1698735753	Rs
Auxiliary Consumption-Normative	AC_NOR	1.200	%	Energy Charge Rate - AC-Normative	ECR_NOR	1.581	Rs/Kwh
Auxiliary Consumption-Actual	AC_ACT	0.700	%	Energy Charge Rate - AC-Actual	ECR_ACT	1.573	Rs/Kwh
Annual Fixed Charges Billed	AFC	533.683200	Cr	Secondary Energy Charge Rate	SE_RATE1419	0.900	Rs/Kwh
Saleable Annual design energy-AC-Actu	SLDE_ACT	1696.105864	MU	Plant Availability Factor for the Month	PAFM	53.487	%
Normative Plant Availability Factor	NAPAF	68.000	%	Saleable Design Energy for the month	SLDEM	602.895384	MU
Saleable Annual design energy	SLDE	1687.565552	MU				
Project Scheduled Energy prev year	PSCH_PY1	631.545955	MU				
Project Scheduled Energy prev to prev	PSCH_PY2	648.113700	MU				
				Saleable Capacity Share	CS	9.648	%
				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	666.684877	MU	Project Energy Charges @ECR	PEC_DE_ECR	916563971	Rs
Free Energy	PFP	86.948020	MU	Capacity Charges	PCC	2098905391	Rs
Saleable Energy	PSLE	579.736857	MU	Misc. Charges	PMISC	2288000	Rs
Project Saleable Energy upto DE	PSLE_DE	579.736857	MU	RLDC Charges	PRLDC	3498950	Rs
Saleable Energy upto DE@ECR	PSLE_DE_ECR	579.736857	MU	<b>Total Charges</b>	PTC	<b>3021256312</b>	<b>Rs</b>

**(B) Beneficiary-wise Power Calculation in (MU)**

Description		Upto Previous Bil	Upto Current Bill	Current Bill
Beneficiary Scheduled Energy	BSCH	65.695133	65.695133	0.000000
Saleable Energy	BSLE	65.695133	65.695133	0.000000
Benef Saleable Energy @ECR	BSLE_DE_ECR	65.695133	65.695133	0.000000

**(C) Bill Details for FY 2016 - 2017 ( Figures in Rs. )**

Description		Upto Previous Bil	Upto Current Bill	Current Bill
Benef Energy Charges upto DE @ECR	BEC_DE_ECR	179,873,274	103,864,005	-76,009,269
Beneficiary Capacity Charges	BCC	143,964,975	232,761,370	88,796,395
Beneficiary Misc	BMISC	0	253,731	253,731
Benef RLDC Charges	BRLDC	337,579	337,579	0

<b>Total Charges</b>	<b>324,175,828</b>	<b>337,216,685</b>	<b>13,040,857</b>
<b>Amount Due In This Bill</b>			<b>13,040,857</b>
<b>Amount For The Purpose Of Rebate #</b>			<b>13,040,857</b>

**(D) Outstanding - Principal (Rs)**

Description	Previous Balance	Amount Billed	Amount Received	Rebate Allowed	Adjustments	Total
Principal	65,006,793	13,040,857	0	0	0	78,047,650

  
**ASAY KUMAR SINGH**  
 DM ( FINANCE ) - COM. FARIDABAD  
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**NHPC Ltd.**  
(A Schedule 'A' Enterprise of Govt. of India)  
NHPC Office Complex, Sector 33, Faridabad - 121003

<b>Address of Beneficiary</b>  DY. CHIEF ENGINEER / ISB PUNJAB STATE POWER CORPORATION LTD. SHED NO.T- 1A, THERMAL DESIGNS, PSPCL PATIALA - PUNJAB  Beneficiary GST No. : 03AAFCP5120Q1ZC	<b>BILL FOR</b> FY 2017 - 2018 <b>BILL TYPE</b> SUPPLEMENTARY <b>MONTH</b> 201803 <b>BILL NO</b> 119B00120191019 <b>BILL DATE</b> 26-Sep-2019 <b>HSN NO. :</b> 27160000  Acc. Rev. 1
<b>PROJECT</b> PARBATI- III	F/COM/722/02/08 Rev. No.:00 Eff Date:9/1/2006

NHPC LTD, Village BEHALI, PO - LARJI, 175122 - KULLU HP IN - INDIA  
 PROJECT GST No. : 02AAACN0149C1ZB

Annual DE	ADE	1963.290000	MU	Energy Charge shortfall prev year	PEC_SF1	1751852029	Rs
Auxilliary Consumption-Normative	AC_NOR	1.200	%	Energy Charge shortfall prev to prev year	PEC_SF2	1804948835	Rs
Auxilliary Consumption-Actual	AC_ACT	0.500	%	Energy Charge Rate - AC-Normative	ECR_NOR	1.577	Rs/Kwh
Annual Fixed Charges Billed	AFC	532.297600	Cr	Energy Charge Rate - AC-Actual	ECR_ACT	1.566	Rs/Kwh
Saleable Annual design energy-AC-Actual	SLDE_ACT	1699.521989	MU	Secondary Energy Charge Rate	SE_RATE1419	0.900	Rs/Kwh
Plant Availability Factor	NAPAF	68.000	%	Plant Availability Factor for the Month	PAFM	62.704	%
Saleable Annual design energy	SLDE	1687.565552	MU	Saleable Design Energy for the month	SLDEM	602.895384	MU
Project Scheduled Energy prev year	PSCH_PY1	666.684877	MU				
Project Scheduled Energy prev to prev year	PSCH_PY2	631.545955	MU				
				Saleable Capacity Share	CS	9.517	%
				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 2017 - 2018 ( Figures in Rs. )**

Scheduled Energy	PSCH	695.726700	MU	Project Energy Charges @ECR	PEC_DE_ECR	954531969	Rs
Free Energy	FFP	90.443270	MU	Capacity Charges	PCC	2454205052	Rs
Saleable Energy	PSLE	605.283430	MU	Misc. Charges	PMISC	2288000	Rs
Project Saleable Energy upto DE	PSLE_DE	605.283430	MU	RLDC Charges	RLDC	3205710	Rs
Saleable Energy upto DE@ECR	PSLE_DE_ECR	605.283430	MU	<b>Total Charges</b>	PTC	<b>3414230731</b>	<b>Rs</b>

**(B) Beneficiary-wise Power Calculation in (MU)**

Description		Upto Previous Bil	Upto Current Bill	Current Bill
Beneficiary Scheduled Energy	BSCH	73.211760	73.211760	0.000000
Saleable Energy	BSLE	73.211760	73.211760	0.000000
Benef Saleable Energy @ECR	BSLE_DE_ECR	72.922915	73.211760	0.288845


**(C) Bill Details for FY 2017 - 2018 ( Figures in Rs. )**

Description		Upto Previous Bil	Upto Current Bill	Current Bill
Benef Energy Charges upto DE @ECR	BEC_DE_ECR	199,662,941	115,454,946	-84,207,995
Beneficiary Capacity Charges	BCC	166,481,748	268,467,465	101,985,717
Beneficiary Misc	BMISC	0	250,286	250,286
Benef RLDC Charges	BRLDC	305,087	305,087	0
Gain on Actual Aux. Consumption	GAIN_ON_AC	-103,984	0	103,984

<b>Total Charges</b>	<b>366,345,792</b>	<b>384,477,784</b>	<b>18,131,992</b>
Amount Due In This Bill			18,131,992
Amount For The Purpose Of Rebate #			18,131,992

**(D) Outstanding - Principal (Rs)**

Description	Previous Balance	Amount Billed	Amount Received	Rebate Allowed	Adjustments	Total
Principal	78,047,650	18,131,992	0	0	0	96,179,642

  
 AJAY KUMAR SINGH  
 DM ( FINANCE ) - COMPTROLLER  
 FARIDABAD





**NHPC Ltd.**  
(A Schedule 'A' Enterprise of Govt. of India)  
NHPC Office Complex, Sector 33, Faridabad - 121003

<b>Address of Beneficiary</b>  DY, CHIEF ENGINEER / ISB PUNJAB STATE POWER CORPORATION LTD. SHED NO.T- 1A, THERMAL DESIGNS, PSPCL PATIALA - PUNJAB  Beneficiary GST No. :      03AAFCP5120Q1ZC	<b>BILL FOR</b> FY 2018 - 2019 <b>BILL TYPE</b> SUPPLEMENTARY <b>MONTH</b> 201903 <b>BILL NO</b> 119B00120191020                      Acc. Rev.    3 <b>BILL DATE</b> 27-Sep-2019 <b>HSN NO. :</b> 27160000
<b>PROJECT</b> PARBATI- III	<b>F/COM/722/02/08 Rev. No.:</b> 00 Eff Date:9/1/2006

NHPC LTD, Village BEHALI, PO - LARJI, 175122 - KULLU HP IN - INDIA  
 PROJECT GST No. :                      02AAACN0149C1ZB

Annual DE	ADE	1963.290000	MU	Energy Charge shortfall prev to prev year	PEC_SF2	1751852029	Rs
Auxilliary Consumption-Normative	AC_NOR	1.200	%	Energy Charge Rate - AC-Normative	ECR_NOR	1,547	Rs/Kwh
Auxilliary Consumption-Actual	AC_ACT	0.600	%	Energy Charge Rate - AC-Actual	ECR_ACT	1,538	Rs/Kwh
Annual Fixed Charges Billed	AFC	522,172700	Cr	Secondary Energy Charge Rate	SE_RATE1419	0,900	Rs/Kwh
Saleable Annual design energy-AC-Actu	SLDE_ACT	1697,813926	MU	Plant Availability Factor for the Month	PAFM	51.765	%
Plant Availability Factor	NAPAF	68.000	%	Saleable Design Energy for the month	SLDEM	602,895384	MU
Saleable Annual design energy	SLDE	1687,565552	MU				
Project Scheduled Energy prev year	PSCH_PY1	695,726700	MU				
Project Scheduled Energy prev to prev y	PSCH_PY2	666,684877	MU				
				Saleable Capacity Share	CS	8.873	%
				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 2018 - 2019 ( Figures in Rs. )**

Scheduled Energy	PSCH	603,064912	MU	Project Energy Charges @ECR	PEC_DE_ECR	811735005	Rs
Free Energy	PFP	78,349330	MU	Capacity Charges	PCC	1987519839	Rs
Saleable Energy	PSLE	524,715582	MU	Misc. Charges	PMISC	2288000	Rs
Project Saleable Energy upto DE	PSLE_DE	524,715582	MU	RLDC Charges	PRLDC	3310591	Rs
Saleable Energy upto DE @ECR	PSLE_DE_ECR	524,715582	MU	<b>Total Charges</b>	<b>PTC</b>	<b>2804853435</b>	<b>Rs</b>

**(B) Beneficiary-wise Power Calculation in (MU)**

Description		Upto Previous Bil	Upto Current Bill	Current Bill
Beneficiary Scheduled Energy	BSCH	61,562854	61,562854	0.000000
Saleable Energy	BSLE	61,562854	61,562854	0.000000
Benef Saleable Energy @ECR	BSLE_DE_ECR	61,562854	61,562854	0.000000


**(C) Bill Details for FY 2018 - 2019 ( Figures in Rs. )**

Description		Upto Previous Bil	Upto Current Bill	Current Bill
Benef Energy Charges upto DE @ECR	BEC_DE_ECR	169,420,974	95,237,735	-74,183,239
Beneficiary Capacity Charges	BCC	128,828,812	202,704,179	73,875,367
Beneficiary Misc	BMISC	0	233,350	233,350
Benef RLDC Charges	BRLDC	293,749	293,749	0

<b>Total Charges</b>	<b>298,543,535</b>	<b>298,469,013</b>	<b>-74,522</b>
<b>Amount Due In This Bill</b>			<b>-74,522</b>
<b>Amount For The Purpose Of Rebate #</b>			<b>-74,522</b>

**(D) Outstanding - Principal (Rs)**

Description	Previous Balance	Amount Billed	Amount Received	Rebate Allowed	Adjustments	Total
Principal	96,179,642	-74,522	0	0	0	96,105,120

  
**ASAY KUMAR SINGH**  
 DM (FINANCE) - COMMERCIAL  
 290



# **ANNEX-IX**

**Calculation of Gain on account of Refinancing of loan  
Parbati-III Power Station**

(Rs. in lakh)

Paticulars	01.04.14 to 05.06.14	06.06.2014 to 31.03.2015	2015-16	2016-17	2017-18	2018-19
Weighted Average rate of Interest if refinancing had not taken place	9.72%	9.62%	9.46%	9.31%	8.93%	8.88%
Weighted Average rate of Interest after refinancing	9.72%	9.62%	9.46%	9.21%	8.23%	8.10%
Saving in weighted average rate of Interest	0.00%	0.00%	0.00%	-0.10%	-0.70%	-0.78%
Saving in Interest due to refinancing	0.00	0.00	0.00	157.98	992.96	1018.93
1/3 <sup>rd</sup> of gain to be recovered from beneficiary	0.00	0.00	0.00	52.66	330.99	339.64
Finance Charges	0.00	0.00	0.00	5.02	2.44	0.60

For NHPC Limited

  
**(M G Gokhale)**  
**GM (Comml)**





**Calculation of Interest on Normative Loan  
(on the assumption that no refinancing take place)**

Name of the Petitioner : **NHPC Limited**  
Name of the Generating Station : **Parbati-III Power Station**

(Amount in Lakhs)

Sl. No.	Particulars	2014-15		2015-16	2016-17	2017-18	2018-19
		01.04.2014 to 05.06.2014	06.06.2014 to 31.03.2015				
1	2	4		6	7	8	9
1	Gross Normative loan - Opening	131,003.22	177,704.21	179,772.92	182,891.64	185,905.79	187,662.73
2	Cumulative repayment of Normative loan upto previous year	154.03	1,850.09	12,250.82	25,094.98	38,073.69	51,136.11
3	<b>Net Normative loan - Opening</b>	<b>130,849.19</b>	<b>175,854.12</b>	<b>167,522.10</b>	<b>157,796.65</b>	<b>147,832.10</b>	<b>136,526.62</b>
4	Add: Increase due to addition during the year / period	0.00	1,505.60	1,419.21	2,267.35	1,577.33	1,400.43
5	Less: Decrease due to de-capitalisation during the year / period	0.00	1,210.04	59.27	77.02	7.09	8.73
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	0.00	1,773.16	1,758.78	823.82	186.70	238.68
	Less Repayment during the year	1,696.06	10,400.73	12,844.17	12,978.70	13,062.42	13,168.86
8	<b>Net Normative loan - Closing</b>	<b>129,153.13</b>	<b>167,522.10</b>	<b>157,796.65</b>	<b>147,832.10</b>	<b>136,526.62</b>	<b>124,988.15</b>
9	<b>Average Normative loan</b>	130001.16	171688.11	162659.37	152814.38	142179.36	130757.38
10	Weighted average rate of interest	9.717%	9.622%	9.461%	9.314%	8.927%	8.884%
11	<b>Interest on Loan (annualized)</b>	12631.81	16519.96	15389.92	14233.36	12692.12	11616.34
12	<b>Interest on Loan (Pro-rata)</b>	<b>2284.09</b>	<b>13532.80</b>	<b>15389.92</b>	<b>14233.36</b>	<b>12692.12</b>	<b>11616.34</b>

For NHPC Limited

  
(M G Gokhale)  
GM (Comm)  




**Calculation of Weighted Average Rate of Interest on Actual Loans  
(on the assumption that no refinancing take place)**

Name of the Company  
Name of the Power Station

NHPC LTD.  
PARBATI-III

(Amount In lacs)

Sl. no.	Particulars	2014-15		2015-16	2016-17	2017-18	2018-19
		01.04.2014 to 05.06.2014 O&M 3 Unit	06.06.2014 to 31.03.2015 O&M all 4 Unit				
1		2	3	4	5	6	7
<b>1 LIC</b>							
	Gross loan - Opening	23364.75	31153.00	31153.00	31153.00	31153.00	31153.00
	Cumulative repayments of Loans upto previous year	3894.13	6490.21	7788.25	10384.33	12980.42	15576.50
	Net loan - Opening	19470.63	24662.79	23364.75	20768.67	18172.58	15576.50
	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	973.53	1298.04	2596.08	2596.08	2596.08	2596.08
	Net loan - Closing	18497.09	23364.75	20768.67	18172.58	15576.50	12980.42
	Average Net Loan	18983.86	24013.77	22066.71	19470.63	16874.54	14278.46
	Rate of Interest on Loan	9.118%	9.118%	9.118%	9.118%	9.118%	9.118%
	Interest on loan	312.02	1792.84	1977.35	1735.45	1498.41	1261.05
<b>2 UCO BANK</b>							
	Gross loan - Opening	15000.00	20000.00	20000.00	20000.00	20000.00	20000.00
	Cumulative repayments of Loans upto previous year	1875.00	2500.00	4166.67	5833.33	7500.00	9166.67
	Net loan - Opening	13125.00	17500.00	15833.33	14166.67	12500.00	10833.33
	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	1666.67	1666.67	1666.67	1666.67	1666.67
	Net loan - Closing	13125.00	15833.33	14166.67	12500.00	10833.33	9166.67
	Average Net Loan	13125.00	16666.67	15000.00	13333.33	11666.67	10000.00
	Rate of Interest on Loan	10.20%	10.20%	10.20%	9.70%	9.70%	9.60%
	Interest on loan	242.08	1377.00	1476.70	1289.56	1125.13	959.75
<b>3 CORPORATION BANK LOAN</b>							
	Gross loan - Opening	4479.75	5973.00	5973.00	5973.00	5973.00	5973.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	124.44	622.19	1119.94	1617.69
	Net loan - Opening	4479.75	5973.00	5848.56	5350.81	4853.06	4355.31
	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	124.44	497.75	497.75	497.75	497.75
	Net loan - Closing	4479.75	5848.56	5350.81	4853.06	4355.31	3857.56
	Average Net Loan	4479.75	5910.78	5599.69	5101.94	4604.19	4106.44
	Rate of Interest on Loan	10.25%	10.25%	10.25%	9.65%	8.75%	8.75%
	Interest on loan	83.03	498.52	547.82	485.87	397.91	354.34
<b>4 PUNJAB &amp; SIND BANK</b>							
	Gross loan - Opening	5250.00	7000.00	7000.00	7000.00	7000.00	7000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	145.83	729.17	1312.50	1895.83
	Net loan - Opening	5250.00	7000.00	6854.17	6270.83	5687.50	5104.17
	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	145.83	583.33	583.33	583.33	583.33
	Net loan - Closing	5250.00	6854.17	6270.83	5687.50	5104.17	4520.83
	Average Net Loan	5250.00	6927.08	6562.50	5979.17	5395.83	4812.50
	Rate of Interest on Loan	10.25%	10.25%	10.25%	9.75%	9.70%	9.70%
	Interest on loan	97.30	584.73	647.86	576.58	518.86	462.28
<b>5 INDIAN OVERSEAS BANK</b>							
	Gross loan - Opening	15000.00	20000.00	20000.00	20000.00	20000.00	20000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	416.67	2083.33	3750.00	5416.67
	Net loan - Opening	15000.00	20000.00	19583.33	17916.67	16250.00	14583.33
	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	416.67	1666.67	1666.67	1666.67	1666.67
	Net loan - Closing	15000.00	19583.33	17916.67	16250.00	14583.33	12916.67
	Average Net Loan	15000.00	19791.67	18750.00	17083.33	15416.67	13750.00
	Rate of Interest on Loan	10.25%	10.25%	10.25%	9.70%	8.65%	8.65%
	Interest on loan	278.01	1670.54	1843.09	1640.08	1321.37	1143.14
<b>6 CANARA BANK</b>							
	Gross loan - Opening	11250.00	15000.00	15000.00	15000.00	15000.00	15000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	312.00	1560.00	2808.00	4056.00
	Net loan - Opening	11250.00	15000.00	14688.00	13440.00	12192.00	10944.00
	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	312.00	1248.00	1248.00	1248.00	1248.00
	Net loan - Closing	11250.00	14688.00	13440.00	12192.00	10944.00	9696.00
	Average Net Loan	11250.00	14844.00	14064.00	12816.00	11568.00	10320.00
	Rate of Interest on Loan	10.20%	10.20%	10.20%	9.65%	8.45%	8.40%
	Interest on loan	207.49	1246.80	1377.50	1218.35	968.58	857.99
<b>7 SYNDICATE BANK</b>							
	Gross loan - Opening	1670.25	2227.00	2227.00	2227.00	2227.00	2227.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	46.40	231.98	417.56	603.15
	Net loan - Opening	1670.25	2227.00	2180.60	1995.02	1809.44	1623.85
	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	46.40	185.58	185.58	185.58	185.58
	Net loan - Closing	1670.25	2180.60	1995.02	1809.44	1623.85	1438.27
	Average Net Loan	1670.25	2203.80	2087.81	1902.23	1716.65	1531.06





**Calculation of Weighted Average Rate of Interest on Actual Loans  
(on the assumption that no refinancing take place)**

Name of the Company  
Name of the Power Station

NHPC LTD.  
PARBATI-III

(Amount In lacs)

Sl. no.	Particulars	2014-15		2015-16	2016-17	2017-18	2018-19
		01.04.2014 to 05.06.2014 O&M 3 Unit	06.06.2014 to 31.03.2015 O&M all 4 Unit				
	1	2	3	4	5	6	7
	Rate of Interest on Loan	10.25%	10.25%	10.25%	9.70%	9.60%	9.60%
	Interest on loan	30.96	186.24	206.44	182.11	163.01	144.78
<b>8</b>	<b>STATE BANK OF HYDRABAD</b>						
	Gross loan - Opening	8906.25	11875.00	11875.00	11875.00	11875.00	11875.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	247.40	1236.98	2226.56
	Net loan - Opening	8906.25	11875.00	11875.00	11627.60	10638.02	9648.44
	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	247.40	989.58	989.58	989.58
	Net loan - Closing	8906.25	11875.00	11627.60	10638.02	9648.44	8658.85
	Average Net Loan	8906.25	11875.00	11751.30	11132.81	10143.23	9153.65
	Rate of Interest on Loan	10.20%	10.20%	10.20%	9.75%	9.10%	8.70%
	Interest on loan	164.27	992.02	1177.04	1092.09	916.10	827.18
<b>9</b>	<b>STATE BANK OF INDIA - 1000 Crore</b>						
	Gross loan - Opening	7500.00	10000.00	10000.00	10000.00	10000.00	10000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	833.33	1666.67
	Net loan - Opening	7500.00	10000.00	10000.00	10000.00	9166.67	8333.33
	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	833.33	833.33	833.33
	Net loan - Closing	7500.00	10000.00	10000.00	9166.67	8333.33	7500.00
	Average Net Loan	7500.00	10000.00	10000.00	9583.33	8750.00	7916.67
	Rate of Interest on Loan	10.49%	10.49%	10.25%	9.30%	9.15%	8.00%
	Interest on loan	142.26	843.34	968.26	888.83	730.68	656.38
<b>11</b>	<b>Q SERIES BONDS</b>						
	Gross loan - Opening	6750.00	9000.00	9000.00	9000.00	9000.00	9000.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	750.00	1500.00	2250.00
	Net loan - Opening	6750.00	9000.00	9000.00	8250.00	7500.00	6750.00
	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	750.00	750.00	750.00	750.00
	Net loan - Closing	6750.00	9000.00	8250.00	7500.00	6750.00	6000.00
	Average Net Loan	6750.00	9000.00	8625.00	7875.00	7125.00	6375.00
	Rate of Interest on Loan	9.25%	9.25%	9.25%	9.25%	9.25%	9.25%
	Interest on loan	112.90	681.97	828.51	758.94	689.95	620.57
<b>12</b>	<b>R-2 Series BONDS</b>						
	Gross loan - Opening	18594.00	24792.00	24792.00	24792.00	24792.00	24792.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	2066.00	4132.00	6198.00
	Net loan - Opening	18594.00	24792.00	24792.00	22726.00	20660.00	18594.00
	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	2066.00	2066.00	2066.00	2066.00
	Net loan - Closing	18594.00	24792.00	22726.00	20660.00	18594.00	16528.00
	Average Net Loan	18594.00	24792.00	23759.00	21693.00	19627.00	17561.00
	Rate of Interest on Loan	8.85%	8.85%	8.85%	8.85%	8.85%	8.85%
	Interest on loan	297.55	1797.35	2174.30	1981.96	1802.36	1621.02
<b>13</b>	<b>1A-SERIES Tax Free BONDS</b>						
	Gross loan - Opening	1111.02	1481.36	1481.36	1481.36	1481.36	1481.36
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1111.02	1481.36	1481.36	1481.36	1481.36	1481.36
	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	0.00	0.00	0.00
	Net loan - Closing	1111.02	1481.36	1481.36	1481.36	1481.36	1481.36
	Average Net Loan	1111.02	1481.36	1481.36	1481.36	1481.36	1481.36
	Rate of Interest on Loan	8.18%	8.18%	8.18%	8.18%	8.18%	8.18%
	Interest on loan	16.43	99.26	121.18	121.18	121.18	121.18
<b>14</b>	<b>1B-SERIES Tax Free BONDS</b>						
	Gross loan - Opening	2400.00	3200.00	3200.00	3200.00	3200.00	3200.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	2400.00	3200.00	3200.00	3200.00	3200.00	3200.00
	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	0.00	0.00	0.00
	Net loan - Closing	2400.00	3200.00	3200.00	3200.00	3200.00	3200.00
	Average Net Loan	2400.00	3200.00	3200.00	3200.00	3200.00	3200.00
	Rate of Interest on Loan	8.43%	8.43%	8.43%	8.43%	8.43%	8.43%
	Interest on loan	36.58	220.89	269.58	269.53	269.51	269.45



**Calculation of Weighted Average Rate of Interest on Actual Loans  
(on the assumption that no refinancing take place)**

Name of the Company  
Name of the Power Station

NHPC LTD.  
PARBATI-III

(Amount in lacs)

Sl. no.	Particulars	2014-15		2015-16	2016-17	2017-18	2018-19
		01.04.2014 to 05.06.2014 O&M 3 Unit	06.06.2014 to 31.03.2015 O&M all 4 Unit				
	1	2	3	4	5	6	7
<b>15</b>	<b>S1-Series Bonds</b>						
	Gross loan - Opening	0.00	0.00	8302.00	8302.00	8302.00	8302.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	830.20	1660.40	2490.60
	Net loan - Opening	0.00	0.00	8302.00	7471.80	6641.60	5811.40
	Add: Drawal(s) during the Year	0.00	8302.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	830.20	830.20	830.20	830.20
	Net loan - Closing	0.00	8302.00	7471.80	6641.60	5811.40	4981.20
	Average Net Loan	0.00	4151.00	7886.90	7056.70	6226.50	5396.30
	Rate of Interest on Loan	0.00%	8.49%	8.49%	8.49%	8.49%	8.49%
	Interest on loan	0.00	243.31	681.64	608.69	539.15	469.06
<b>16</b>	<b>S2-Series Bonds</b>						
	Gross loan - Opening	0.00	0.00	2888.00	2888.00	2888.00	2888.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	2888.00	2888.00	2888.00	2888.00
	Add: Drawal(s) during the Year	0.00	2888.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	240.67
	Net loan - Closing	0.00	2888.00	2888.00	2888.00	2888.00	2647.33
	Average Net Loan	0.00	1444.00	2888.00	2888.00	2888.00	2767.67
	Rate of Interest on Loan	0.00%	8.54%	8.54%	8.54%	8.54%	8.54%
	Interest on loan	0.00	85.14	247.08	246.19	246.64	239.54
	Gross loan - Opening	121276.02	161701.36	172891.36	172891.36	172891.36	172891.36
	Cumulative repayments of Loans upto previous year	5769.13	8990.21	13000.25	25337.93	39251.13	53164.33
	Net loan - Opening	115506.90	152711.15	159891.11	147553.43	133640.23	119727.03
	Add: Drawal(s) during the Year	0.00	11190.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	973.53	4010.04	12337.68	13913.20	13913.20	14153.87
	Net loan - Closing	114533.36	159891.11	147553.43	133640.23	119727.03	105573.16
	Average Net Loan	115020.13	156301.13	153722.27	140596.83	126683.63	112650.10
	Interest on loan	2020.89	12319.96	14544.34	13095.40	11308.84	10007.71
	<b>Weighted average Rate of Interest on Loans</b>	9.72%	9.62%	9.46%	9.31%	8.93%	8.88%



Name of the Company  
Name of the Power Station

NHPC LTD.  
PARBATI-III PS

Appendix to Annexure-1

Calculation of Interest taken in Form 13  
(on the 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			
									Construction	O&M*		
1	LIC			01-Apr-14	29-Apr-14	29	9.118%	188.07				
		25960.83		01-Apr-14	29-Apr-14	29	9.118%	188.07				
		24662.79	30-Apr-14	1298.04	30-Apr-14	05-Jun-14	37	9.118%	227.96	47.02	141.05	
		24662.79			06-Jun-14	30-Oct-14	147	9.118%	905.66		170.97	
		23364.75	31-Oct-14	1298.04	31-Oct-14	31-Mar-15	152	9.118%	887.18	2208.87	905.66	
		23364.75			01-Apr-15	29-Apr-15	29	9.118%	169.26		887.18	
		22066.71	30-Apr-15	1298.04	30-Apr-15	30-Oct-15	184	9.118%	1014.29			
		20768.67	31-Oct-15	1298.04	31-Oct-15	31-Mar-16	153	9.118%	793.79	1977.35	1977.35	
		20768.67			01-Apr-16	29-Apr-16	29	9.118%	150.46			
		19470.63	30-Apr-16	1298.04	30-Apr-16	30-Oct-16	184	9.118%	894.96			
		18172.58	31-Oct-16	1298.04	31-Oct-16	31-Mar-17	152	9.118%	690.03	1735.45	1735.45	
		18172.58			01-Apr-17	28-Apr-17	28	9.118%	127.11			
		16874.54	29-Apr-17	1298.04	29-Apr-17	30-Oct-17	185	9.118%	779.85			
		15576.50	31-Oct-17	1298.04	31-Oct-17	31-Mar-18	152	9.118%	591.45	1498.41	1498.41	
		15576.50			01-Apr-18	26-Apr-18	26	9.118%	101.17			
		14278.46	27-Apr-18	1298.04	27-Apr-18	30-Oct-18	187	9.118%	667.01			
		12980.42	31-Oct-18	1298.04	31-Oct-18	31-Mar-19	152	9.118%	492.88	1261.05	1261.05	
		12980				1826		8681.13	8681.13	104.01	8577.12	
2	UCO BANK			01-Apr-14	05-Jun-14	66	10.20%	322.77		80.69	242.08	
		17500.00		01-Apr-14	05-Jun-14	66	10.20%	322.77		80.69	242.08	
		17500.00			06-Jun-14	29-Jun-14	24	10.20%	117.37			117.37
		16666.67	30-Jun-14	833.33	30-Jun-14	30-Dec-14	184	10.20%	856.99			856.99
		15833.33	31-Dec-14	833.33	31-Dec-14	31-Mar-15	91	10.20%	402.64	1699.77		402.64
		15833.33			01-Apr-15	30-Apr-15	30	10.20%	132.74			
		15833.33			01-May-15	29-Jun-15	60	9.95%	258.97			
		15000.00	30-Jun-15	833.33	30-Jun-15	04-Oct-15	97	9.95%	396.64			
		15000.00			05-Oct-15	30-Dec-15	87	9.70%	346.81			
		14166.67	31-Dec-15	833.33	31-Dec-15	31-Dec-15	1	9.70%	3.76			
		14166.67			01-Jan-16	31-Mar-16	91	9.70%	337.78	1476.70		1476.70
		14166.67			01-Apr-16	29-Jun-16	90	9.70%	337.91			
		13333.33	30-Jun-16	833.33	30-Jun-16	30-Dec-16	184	9.70%	650.18			
		12500.00	31-Dec-16	833.33	31-Dec-16	31-Mar-17	91	9.70%	301.47	1289.56		1289.56
		12500.00			01-Apr-17	29-Jun-17	90	9.70%	298.96			
		11666.67	30-Jun-17	833.33	30-Jun-17	09-Sep-17	72	9.70%	223.22			
		11666.67			10-Sep-17	30-Dec-17	112	9.60%	343.66			
10833.33	31-Dec-17	833.33	31-Dec-17	31-Mar-18	91	9.60%	259.28	1125.13		1125.13		
10833.33			01-Apr-18	29-Jun-18	90	9.60%	256.43					
10000.00	30-Jun-18	833.33	30-Jun-18	30-Dec-18	184	9.60%	483.94					
9166.67	31-Dec-18	833.33	31-Dec-18	31-Mar-19	91	9.60%	219.39	959.75		959.75		
		8333				1826		6550.91	6550.91	80.69	6470.21	
3	Corporation Bank Loan			01-Apr-14	05-Jun-14	66	10.25%	110.71		27.68	83.03	
		5973.00		01-Apr-14	05-Jun-14	66	10.25%	110.71		27.68	83.03	
		5973.00			06-Jun-14	04-Jan-15	213	10.25%	357.28			357.28
		5848.56	05-Jan-15	124.44	05-Jan-15	31-Mar-15	86	10.25%	141.25	609.23		141.25
		5848.56			01-Apr-15	03-Apr-15	3	10.25%	4.93			
		5724.13	04-Apr-15	124.44	04-Apr-15	31-May-15	58	10.25%	93.23			
		5724.13			01-Jun-15	03-Jul-15	33	10.00%	51.75			
		5599.69	04-Jul-15	124.44	04-Jul-15	04-Jul-15	1	10.00%	1.53			
		5599.69			05-Jul-15	23-Aug-15	50	10.00%	76.71			
		5599.69			24-Aug-15	04-Oct-15	42	9.90%	63.79			
		5475.25	05-Oct-15	124.44	05-Oct-15	07-Oct-15	3	9.90%	4.46			
		5475.25			08-Oct-15	31-Dec-15	85	9.65%	123.04			
		5475.25			01-Jan-16	04-Jan-16	4	9.65%	5.77			
		5350.81	05-Jan-16	124.44	05-Jan-16	31-Mar-16	87	9.65%	122.60	547.82		547.82
		5350.81			01-Apr-16	03-Apr-16	3	9.65%	4.23			
		5226.38	04-Apr-16	124.44	04-Apr-16	04-Jul-16	92	9.65%	126.78			
		5101.94	05-Jul-16	124.44	05-Jul-16	04-Oct-16	92	9.65%	123.76			
4977.50	05-Oct-16	124.44	05-Oct-16	31-Dec-16	88	9.65%	115.50					
4977.50			01-Jan-17	04-Jan-17	4	9.65%	5.26					
4853.06	05-Jan-17	124.44	05-Jan-17	31-Mar-17	86	9.65%	110.34	485.87		485.87		
4853.06			01-Apr-17	04-Apr-17	4	8.75%	4.65					
4728.63	05-Apr-17	124.44	05-Apr-17	04-Jul-17	91	8.75%	103.15					
4604.19	05-Jul-17	124.44	05-Jul-17	04-Oct-17	92	8.75%	101.53					
4479.75	05-Oct-17	124.44	05-Oct-17	04-Jan-18	92	8.75%	98.79					



	4355.31	05-Jan-18	124.44	05-Jan-18	31-Mar-18	86	8.75%	89.78	397.91		397.91
	4355.31			01-Apr-18	04-Apr-18	4	8.75%	4.17			
	4230.88	05-Apr-18	124.44	05-Apr-18	04-Jul-18	91	8.75%	92.29			
	4106.44	05-Jul-18	124.44	05-Jul-18	04-Oct-18	92	8.75%	90.56			
	3982.00	05-Oct-18	124.44	05-Oct-18	04-Jan-19	92	8.75%	87.81			
	3857.56	05-Jan-19	124.44	05-Jan-19	31-Mar-19	86	8.75%	79.52	354.34		354.34
			2115.44			1826		2395.17	2395.17	27.68	2367.49
<b>4</b>	<b>PUNJAB &amp; SIND BANK</b>										
	7000.00			01-Apr-14	05-Jun-14	66	10.25%	129.74		32.43	97.30
	7000.00			06-Jun-14	16-Jan-15	225	10.25%	442.29			442.29
	6854.17	17-Jan-15	145.83	17-Jan-15	31-Mar-15	74	10.25%	142.44	714.47		142.44
	6854.17			01-Apr-15	16-Apr-15	16	10.25%	30.80			
	6708.33	17-Apr-15	145.83	17-Apr-15	02-Jun-15	47	10.25%	88.54			
	6708.33			03-Jun-15	16-Jul-15	44	10.00%	80.87			
	6562.50	17-Jul-15	145.83	17-Jul-15	04-Oct-15	80	10.00%	143.84			
	6562.50			05-Oct-15	16-Oct-15	12	9.75%	21.04			
	6416.67	17-Oct-15	145.83	17-Oct-15	31-Dec-15	76	9.75%	130.27			
	6416.67			01-Jan-16	16-Jan-16	16	9.75%	27.35			
	6270.83	17-Jan-16	145.83	17-Jan-16	31-Mar-16	75	9.75%	125.16	647.86		647.86
	6270.83			01-Apr-16	16-Apr-16	16	9.75%	26.73			
	6125.00	17-Apr-16	145.83	17-Apr-16	16-Jul-16	91	9.75%	148.48			
	5979.17	17-Jul-16	145.83	17-Jul-16	16-Oct-16	92	9.75%	146.43			
	5833.33	17-Oct-16	145.83	17-Oct-16	31-Dec-16	76	9.75%	118.10			
	5833.33			01-Jan-17	16-Jan-17	16	9.75%	24.93			
	5687.50	17-Jan-17	145.83	17-Jan-17	23-Jan-17	7	9.75%	10.63			
	5687.50			24-Jan-17	31-Mar-17	67	9.70%	101.27	576.58		576.58
	5687.50			01-Apr-17	16-Apr-17	16	9.70%	24.18			
	5541.67	17-Apr-17	145.83	17-Apr-17	16-Jul-17	91	9.70%	134.02			
	5395.83	17-Jul-17	145.83	17-Jul-17	16-Oct-17	92	9.70%	131.92			
	5250.00	17-Oct-17	145.83	17-Oct-17	16-Jan-18	92	9.70%	128.36			
	5104.17	17-Jan-18	145.83	17-Jan-18	31-Mar-18	74	9.70%	100.38	518.86		518.86
	5104.17			01-Apr-18	16-Apr-18	16	9.70%	21.70			
	4958.33	17-Apr-18	145.83	17-Apr-18	16-Jul-18	91	9.70%	119.91			
	4812.50	17-Jul-18	145.83	17-Jul-18	16-Oct-18	92	9.70%	117.66			
	4666.67	17-Oct-18	145.83	17-Oct-18	16-Jan-19	92	9.70%	114.10			
	4520.83	17-Jan-19	145.83	17-Jan-19	31-Mar-19	74	9.70%	88.91	462.28		462.28
			2479.17			1826		2920.05	2920.05	32.43	2887.61
<b>5</b>	<b>INDIAN OVERSEAS BANK</b>										
	20000.00			01-Apr-14	05-Jun-14	66	10.25%	370.68		92.67	278.01
	20000.00			06-Jun-14	15-Jan-15	224	10.25%	1258.08			1258.08
	19583.33	16-Jan-15	416.67	16-Jan-15	31-Mar-15	75	10.25%	412.46	2041.22		412.46
	19583.33			01-Apr-15	15-Apr-15	15	10.25%	82.49			
	19166.67	16-Apr-15	416.67	16-Apr-15	17-May-15	32	10.25%	172.24			
	19166.67			18-May-15	15-Jul-15	59	10.05%	311.37			
	18750.00	16-Jul-15	416.67	16-Jul-15	19-Jul-15	4	10.05%	20.65			
	18750.00			20-Jul-15	14-Oct-15	87	9.90%	442.45			
	18750.00			15-Oct-15	15-Oct-15	1	9.70%	4.98			
	18333.33	16-Oct-15	416.67	16-Oct-15	31-Dec-15	77	9.70%	375.16			
	18333.33			01-Jan-16	15-Jan-16	15	9.70%	72.88			
	17916.67	16-Jan-16	416.67	16-Jan-16	31-Mar-16	76	9.70%	360.87	1843.09		1843.09
	17916.67			01-Apr-16	15-Apr-16	15	9.70%	71.23			
	17500.00	16-Apr-16	416.67	16-Apr-16	15-Jul-16	91	9.70%	422.06			
	17083.33	16-Jul-16	416.67	16-Jul-16	14-Oct-16	91	9.70%	412.01			
	16666.67	15-Oct-16	416.67	15-Oct-16	31-Dec-16	78	9.70%	344.46			
	16666.67			01-Jan-17	15-Jan-17	15	9.70%	66.44			
	16250.00	16-Jan-17	416.67	16-Jan-17	31-Mar-17	75	9.70%	323.89	1640.08		1640.08
	16250.00			01-Apr-17	14-Apr-17	14	8.65%	53.91			
	15833.33	15-Apr-17	416.67	15-Apr-17	15-Jul-17	92	8.65%	345.18			
	15416.67	16-Jul-17	416.67	16-Jul-17	15-Oct-17	92	8.65%	336.09			
	15000.00	16-Oct-17	416.67	16-Oct-17	15-Jan-18	92	8.65%	327.01			
	14583.33	16-Jan-18	416.67	16-Jan-18	31-Mar-18	75	8.65%	259.17	1321.37		1321.37
	14583.33			01-Apr-18	14-Apr-18	14	8.40%	46.95			
	14166.67	15-Apr-18	416.67	15-Apr-18	15-Jul-18	92	8.40%	299.91			
	13750.00	16-Jul-18	416.67	16-Jul-18	15-Oct-18	92	8.40%	291.09			
	13333.33	16-Oct-18	416.67	16-Oct-18	15-Jan-19	92	8.40%	282.27			
	12916.67	16-Jan-19	416.67	16-Jan-19	31-Mar-19	75	8.40%	222.91	1143.14		1143.14
			7083.33			1826		7988.90	7988.90	92.67	7896.23
<b>6</b>	<b>CANARA BANK</b>										
	15000.00			01-Apr-14	05-Jun-14	66	10.20%	276.66		69.16	207.49
	15000.00			06-Jun-14	15-Jan-15	224	10.20%	938.96			938.96
	14688.00	16-Jan-15	312	16-Jan-15	31-Mar-15	75	10.20%	307.84	1523.46		307.84
	14688.00			01-Apr-15	15-Apr-15	15	10.20%	61.57			
	14376.00	16-Apr-15	312	16-Apr-15	10-May-15	25	10.20%	100.44			
	14376.00			11-May-15	15-Jul-15	66	10.00%	259.95			
	14064.00	16-Jul-15	312	16-Jul-15	02-Sep-15	49	10.00%	188.80			
	14064.00			03-Sep-15	06-Oct-15	34	9.90%	129.70			
	14064.00			07-Oct-15	15-Oct-15	9	9.65%	33.46			



	13752.00	16-Oct-15	312	16-Oct-15	31-Dec-15	77	9.65%	279.96			
	13752.00			01-Jan-16	15-Jan-16	15	9.65%	54.39			
	13440.00	16-Jan-16	312	16-Jan-16	31-Mar-16	76	9.65%	269.24	1377.50	1377.50	
	13440.00			01-Apr-16	15-Apr-16	15	9.65%	53.15			
	13128.00	16-Apr-16	312	16-Apr-16	15-Jul-16	91	9.65%	314.98			
	12816.00	16-Jul-16	312	16-Jul-16	10-Oct-16	87	9.65%	293.98			
	12816.00			11-Oct-16	15-Oct-16	5	9.60%	16.81			
	12504.00	16-Oct-16	312	16-Oct-16	31-Dec-16	77	9.60%	252.40			
	12504.00			01-Jan-17	06-Jan-17	6	9.60%	19.73			
	12504.00			07-Jan-17	15-Jan-17	9	9.50%	29.29			
	12192.00	16-Jan-17	312	16-Jan-17	31-Mar-17	75	9.50%	237.99	1218.35	1218.35	
	12192.00			01-Apr-17	14-Apr-17	14	8.45%	39.52			
	11880.00	15-Apr-17	312	15-Apr-17	15-Jul-17	92	8.45%	253.00			
	11568.00	16-Jul-17	312	16-Jul-17	15-Oct-17	92	8.45%	246.36			
	11256.00	16-Oct-17	312	16-Oct-17	15-Jan-18	92	8.45%	239.71			
	10944.00	16-Jan-18	312	16-Jan-18	31-Mar-18	75	8.45%	190.00	968.58	968.58	
	10944.00			01-Apr-18	14-Apr-18	14	8.40%	35.24			
	10632.00	15-Apr-18	312	15-Apr-18	15-Jul-18	92	8.40%	225.08			
	10320.00	16-Jul-18	312	16-Jul-18	15-Oct-18	92	8.40%	218.48			
	10008.00	16-Oct-18	312	16-Oct-18	15-Jan-19	92	8.40%	211.87			
	9696.00	16-Jan-19	312	16-Jan-19	31-Mar-19	75	8.40%	167.33	857.99	857.99	
			<b>5304.00</b>			<b>1826.00</b>		<b>5945.88</b>	<b>5945.88</b>	<b>69.16</b>	<b>5876.72</b>
<b>7</b>	<b>SYNDICATE BANK</b>										
	2227.00			01-Apr-14	05-Jun-14	66	10.25%	41.28		10.32	30.96
	2227.00			06-Jun-14	01-Feb-15	241	10.25%	150.72			150.72
	2180.60	02-Feb-15	46.40	02-Feb-15	31-Mar-15	58	10.25%	35.52	227.51		35.52
	2180.60			01-Apr-15	01-May-15	31	10.25%	18.98			
	2134.21	02-May-15	46.40	02-May-15	07-Jun-15	37	10.25%	22.18			
	2134.21			08-Jun-15	01-Aug-15	55	10.00%	32.16			
	2087.81	02-Aug-15	46.40	02-Aug-15	30-Sep-15	60	10.00%	34.32			
	2087.81			01-Oct-15	01-Nov-15	32	9.70%	17.75			
	2041.42	02-Nov-15	46.40	02-Nov-15	31-Dec-15	60	9.70%	32.55			
	2041.42			01-Jan-16	01-Feb-16	32	9.70%	17.31			
	1995.02	02-Feb-16	46.40	02-Feb-16	31-Mar-16	59	9.70%	31.19	206.44		206.44
	1995.02			01-Apr-16	01-May-16	31	9.70%	16.39			
	1948.63	02-May-16	46.40	02-May-16	10-Jul-16	70	9.70%	36.15			
	1948.63			11-Jul-16	01-Aug-16	22	9.60%	11.24			
	1902.23	02-Aug-16	46.40	02-Aug-16	01-Nov-16	92	9.60%	45.90			
	1855.83	02-Nov-16	46.40	02-Nov-16	31-Dec-16	60	9.60%	29.20			
	1855.83			01-Jan-17	01-Feb-17	32	9.60%	15.62			
	1809.44	02-Feb-17	46.40	02-Feb-17	31-Mar-17	58	9.60%	27.60	182.11		182.11
	1809.44			01-Apr-17	01-May-17	31	9.60%	14.75			
	1763.04	02-May-17	46.40	02-May-17	01-Aug-17	92	9.60%	42.66			
	1716.65	02-Aug-17	46.40	02-Aug-17	01-Nov-17	92	9.50%	41.10			
	1670.25	02-Nov-17	46.40	02-Nov-17	01-Feb-18	92	9.50%	39.99			
	1623.85	02-Feb-18	46.40	02-Feb-18	31-Mar-18	58	9.50%	24.51	163.01		163.01
	1623.85			01-Apr-18	01-May-18	31	9.50%	13.10			
	1577.46	02-May-18	46.40	02-May-18	01-Aug-18	92	9.50%	37.77			
	1531.06	02-Aug-18	46.40	02-Aug-18	01-Nov-18	92	9.50%	36.66			
	1484.67	02-Nov-18	46.40	02-Nov-18	01-Feb-19	92	9.50%	35.55			
	1438.27	02-Feb-19	46.40	02-Feb-19	31-Mar-19	58	9.50%	21.71	144.78		144.78
			<b>789</b>			<b>1826</b>		<b>923.86</b>	<b>923.86</b>	<b>10.32</b>	<b>913.54</b>
<b>8</b>	<b>STATE BANK OF HYDRABAD</b>										
	11875.00			01-Apr-14	05-Jun-14	66	10.20%	219.02		54.76	164.27
	11875.00			06-Jun-14	31-Mar-15	299	10.20%	992.02	1211.04		992.02
	11875.00			01-Apr-15	30-Apr-15	30	10.20%	99.55			
	11875.00			01-May-15	15-Jul-15	76	10.05%	248.50			
	11875.00			16-Jul-15	07-Oct-15	84	9.95%	271.92			
	11875.00			08-Oct-15	31-Dec-15	85	9.75%	269.63			
	11875.00			01-Jan-16	27-Mar-16	87	9.75%	275.04			
	11627.60	28-Mar-16	247.40	28-Mar-16	31-Mar-16	4	9.75%	12.39	1177.04		1177.04
	11627.60			01-Apr-16	27-Jun-16	88	9.75%	272.58			
	11380.21	28-Jun-16	247.40	28-Jun-16	27-Sep-16	92	9.75%	278.91			
	11132.81	28-Sep-16	247.40	28-Sep-16	31-Oct-16	34	9.75%	100.83			
	11132.81			01-Nov-16	27-Dec-16	57	9.70%	168.13			
	10885.42	28-Dec-16	247.40	28-Dec-16	31-Dec-16	4	9.70%	11.54			
	10885.42			01-Jan-17	27-Mar-17	86	9.70%	248.78			
	10638.02	28-Mar-17	247.40	28-Mar-17	31-Mar-17	4	9.70%	11.31	1092.09		1092.09
	10638.02			01-Apr-17	27-Jun-17	88	9.10%	233.40			
	10390.63	28-Jun-17	247.40	28-Jun-17	30-Jun-17	3	9.10%	7.77			
	10390.63			01-Jul-17	27-Sep-17	89	9.00%	228.02			
	10143.23	28-Sep-17	247.40	28-Sep-17	30-Sep-17	3	9.00%	7.50			
	10143.23			01-Oct-17	27-Dec-17	88	8.95%	218.87			
	9895.83	28-Dec-17	247.40	28-Dec-17	31-Dec-17	4	8.95%	9.71			
	9895.83			01-Jan-18	27-Mar-18	86	8.65%	201.69			
	9648.44	28-Mar-18	247.40	28-Mar-18	31-Mar-18	4	8.65%	9.15	916.10		916.10
	9648.44			01-Apr-18	27-Jun-18	88	8.70%	202.38			



	9401.04	28-Jun-18	247.40	28-Jun-18	30-Jun-18	3	8.70%	6.72				
	9401.04			01-Jul-18	27-Sep-18	89	8.95%	205.16				
	9153.65	28-Sep-18	247.40	28-Sep-18	30-Sep-18	3	8.95%	6.73				
	9153.65			01-Oct-18	09-Dec-18	70	9.00%	157.99				
	9153.65			10-Dec-18	27-Dec-18	18	9.05%	40.85				
	8906.25	28-Dec-18	247.40	28-Dec-18	27-Mar-19	90	9.05%	198.74				
	8658.85	28-Mar-19	247.40	28-Mar-19	31-Mar-19	4	9.05%	8.59	827.18			827.18
			3216.15			1826.00		5223.44	5223.44	54.76		5168.69
<b>9</b>	<b>STATE BANK OF INDIA - 1000 Crore</b>											
	10000			01-Apr-14	05-Jun-14	66	10.49%	189.68			47.42	142.26
	10000			06-Jun-14	31-Jul-14	56	10.49%	160.94				160.94
	10000			01-Aug-14	31-Mar-15	243	10.25%	682.40	1033.02			682.40
	10000			01-Apr-15	09-Apr-15	9	10.25%	25.27				
	10000			10-Apr-15	07-Jun-15	59	10.10%	163.26				
	10000			08-Jun-15	23-Sep-15	108	9.95%	294.41				
	10000			24-Sep-15	04-Oct-15	11	9.70%	29.23				
	10000			05-Oct-15	31-Mar-16	179	9.30%	456.08	968.26			968.26
	10000			01-Apr-16	19-Jun-16	80	9.30%	203.84				
	10000			20-Jun-16	26-Jun-16	7	9.15%	17.55				
	9791.67	27-Jun-16	208.33	27-Jun-16	26-Sep-16	92	9.15%	225.83				
	9583.33	27-Sep-16	208.33	27-Sep-16	26-Dec-16	91	9.15%	218.62				
	9375.00	27-Dec-16	208.33	27-Dec-16	26-Mar-17	90	9.15%	211.52				
	9166.67	27-Mar-17	208.33	27-Mar-17	31-Mar-17	5	9.15%	11.49	888.83			888.83
	9166.67			01-Apr-17	19-Jun-17	80	9.15%	183.84				
	9166.67			20-Jun-17	26-Jun-17	7	8.00%	14.06				
	8958.33	27-Jun-17	208.33	27-Jun-17	26-Sep-17	92	8.00%	180.64				
	8750.00	27-Sep-17	208.33	27-Sep-17	26-Dec-17	91	8.00%	174.52				
	8541.67	27-Dec-17	208.33	27-Dec-17	26-Mar-18	90	8.00%	168.49				
	8333.33	27-Mar-18	208.33	27-Mar-18	31-Mar-18	5	8.00%	9.13	730.68			730.68
	8333.33			01-Apr-18	19-Jun-18	80	8.00%	146.12				
	8333.33			20-Jun-18	26-Jun-18	7	8.25%	13.18				
	8125.00	27-Jun-18	208.33	27-Jun-18	26-Sep-18	92	8.25%	168.96				
	7916.67	27-Sep-18	208.33	27-Sep-18	26-Dec-18	91	8.25%	162.83				
	7708.33	27-Dec-18	208.33	27-Dec-18	26-Mar-19	90	8.25%	156.81				
	7500.00	27-Mar-19	208.33	27-Mar-19	31-Mar-19	5	8.25%	8.48	656.38			656.38
			2500.00			1826.00		4277.17	4277.17	47.42		4229.75
<b>10</b>	<b>Q Series Bonds</b>											
	9000.00			01-Apr-14	05-Jun-14	66	9.250%	150.53			37.63	112.90
	9000.00			06-Jun-14	11-Mar-15	279	9.250%	636.35				636.35
	9000.00			12-Mar-15	31-Mar-15	20	9.250%	45.62	832.50			45.62
	9000.00			01-Apr-15	10-Mar-16	345	9.250%	784.73				
	8250.00	11-Mar-16	750.00	11-Mar-16	31-Mar-16	21	9.250%	43.78	828.51			828.51
	8250.00			01-Apr-16	09-Mar-17	343	9.250%	717.13				
	7500.00	10-Mar-17	750.00	10-Mar-17	31-Mar-17	22	9.250%	41.81	758.94			758.94
	7500.00			01-Apr-17	11-Mar-18	345	9.250%	655.74				
	6750.00	12-Mar-18	750.00	12-Mar-18	31-Mar-18	20	9.250%	34.21	689.95			689.95
	6750.00			01-Apr-18	11-Mar-19	345	9.250%	590.16				
	6000.00	12-Mar-19	750.00	12-Mar-19	31-Mar-19	20	9.250%	30.41	620.57			620.57
			3000			1826		3730.48	3730.48	37.63		3692.85
<b>11</b>	<b>R-2 Serles Bonds</b>											
	24792.00			01-Apr-14	05-Jun-14	66	8.85%	396.74			99.18	297.55
	24792.00			06-Jun-14	10-Feb-15	250	8.85%	1502.80				1502.80
	24792.00			11-Feb-15	31-Mar-15	49	8.85%	294.55	2194.09			294.55
	24792.00			01-Apr-15	10-Feb-16	316	8.85%	1899.54				
	22726.00	11-Feb-16	2066.00	11-Feb-16	31-Mar-16	50	8.85%	274.76	2174.30			2174.30
	22726.00			01-Apr-16	10-Feb-17	316	8.85%	1736.50				
	20660.00	11-Feb-17	2066.00	11-Feb-17	31-Mar-17	49	8.85%	245.46	1981.96			1981.96
	20660.00			01-Apr-17	08-Feb-18	314	8.85%	1572.43				
	18594.00	09-Feb-18	2066.00	09-Feb-18	31-Mar-18	51	8.85%	229.93	1802.36			1802.36
	18594.00			01-Apr-18	10-Feb-19	316	8.85%	1424.66				
	16528.00	11-Feb-19	2066.00	11-Feb-19	31-Mar-19	49	8.85%	196.37	1621.02			1621.02
			8264			1826		9773.74	9773.74	99.18		9674.55
<b>12</b>	<b>1A-SERIES Tax Free BONDS</b>											
	1481.36			01-Apr-14	05-Jun-14	66	8.18%	21.91			5.48	16.43
	1481.36			06-Jun-14	31-Mar-15	299	8.18%	99.26	121.18			99.26
	1481.36			01-Apr-15	31-Mar-16	366	8.18%	121.18	121.18			121.18
	1481.36			01-Apr-16	31-Mar-17	365	8.18%	121.18	121.18			121.18
	1481.36			01-Apr-17	31-Mar-18	365	8.18%	121.18	121.18			121.18
	1481.36			01-Apr-18	31-Mar-19	365	8.18%	121.18	121.18			121.18



				<b>0</b>				<b>1826</b>		<b>605.88</b>	<b>605.88</b>	<b>5.48</b>	<b>600.40</b>
<b>13</b>	<b>1B-SERIES Tax Free BONDS</b>												
	3200.00				01-Apr-14	05-Jun-14	66	8.43%	48.78			12.19	36.58
	3200.00				06-Jun-14	31-Mar-15	299	8.43%	220.89	269.67			220.89
	3200.00				01-Apr-15	31-Mar-16	366	8.43%	269.58	269.58			269.58
	3200.00				01-Apr-16	31-Mar-17	365	8.43%	269.53	269.53			269.53
	3200.00				01-Apr-17	31-Mar-18	365	8.43%	269.51	269.51			269.51
	3200.00				01-Apr-18	31-Mar-19	365	8.43%	269.45	269.45			269.45
				<b>0</b>									
								<b>1826</b>		<b>1347.73</b>	<b>1347.73</b>	<b>12.19</b>	<b>1335.54</b>
<b>14</b>	<b>S1-Series Bonds</b>												
	8302.00				26-Nov-14	31-Mar-15	126	8.49%	243.31	243.31			243.31
	8302.00				01-Apr-15	25-Nov-15	239	8.49%	461.53				
	7471.80	26-Nov-15	830.20		26-Nov-15	31-Mar-16	127	8.49%	220.12	681.64			681.64
	7471.80				01-Apr-16	24-Nov-16	238	8.49%	412.50				
	6641.60	25-Nov-16	830.20		25-Nov-16	27-Nov-16	3	8.49%	4.62				
	6641.60				28-Nov-16	31-Mar-17	124	8.49%	191.56	608.69			608.69
	6641.60				01-Apr-17	23-Nov-17	237	8.49%	366.13				
	5811.40	24-Nov-17	830.20		24-Nov-17	31-Mar-18	128	8.49%	173.02	539.15			539.15
	5811.40				01-Apr-18	25-Nov-18	239	8.49%	323.07				
	4981.20	26-Nov-18	830.20		26-Nov-18	31-Mar-19	126	8.49%	145.99	469.06			469.06
			<b>3321</b>									<b>0.00</b>	<b>2541.86</b>
								<b>1587</b>		<b>2541.86</b>	<b>2541.86</b>	<b>0.00</b>	<b>2541.86</b>
<b>15</b>	<b>S2-Series Bonds</b>												
	2888.00				26-Nov-14	31-Mar-15	126	8.54%	85.14	85.14			85.14
	2888.00				01-Apr-15	25-Nov-15	239	8.54%	161.49				
	2888.00				26-Nov-15	31-Mar-16	127	8.54%	85.58	247.08			247.08
	2888.00				01-Apr-16	27-Nov-16	241	8.54%	162.40				
	2888.00				28-Nov-16	31-Mar-17	124	8.54%	83.79	246.19			246.19
	2888.00				01-Apr-17	25-Nov-17	239	8.54%	161.50				
	2888.00				26-Nov-17	31-Mar-18	126	8.54%	85.14	246.64			246.64
	2888.00				01-Apr-18	25-Nov-18	239	8.54%	161.50				
	2647.33	26-Nov-18	240.67		26-Nov-18	31-Mar-19	126	8.54%	78.04	239.54			239.54
			<b>241</b>									<b>0.00</b>	<b>1064.59</b>
								<b>1587</b>		<b>1064.59</b>	<b>1064.59</b>	<b>0.00</b>	<b>1064.59</b>





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-Utiltization/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-Utiltization/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
Chutek 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	58,484	7,82,784
TOTAL SAVING OF O&M	11,98,067	3,80,275	1,38,068	15,78,342	-	10,26,257	62,536	10,26,257	4,31,25,000	2,13,02,688	-	6,44,27,688	4,43,23,067	2,27,09,220	2,00,604	6,72,32,891
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	58,788	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
TOTAL O&M PROJECTS	-	4,11,799	36,024	4,11,799	-	9,91,496	60,420	9,91,496	-	6,44,72,250	-	6,44,72,250	-	6,58,75,545	96,444	6,59,71,989
GTRAND TOTAL	11,98,067	7,92,074	1,74,092	19,90,141	-	20,17,753	1,22,956	20,17,753	4,31,25,000	8,57,74,938	-	12,88,99,938	4,43,23,067	8,85,84,765	2,97,048	13,32,04,880



*[Signature]*  
Chief (F) Treasury

*[Signature]*  
Mgr. (F) - I/c

*[Signature]*  
17/1/18  
Mgr. (F) - D&S

*[Signature]*  
8M(F)