(याचिका का हिन्दी संस्करण)

याचिका संख्या.....जीटी/2020

18.05.2018 (पहले यूनिट के सीओडी) से 31.03.2019 तक की अवधि के लिए किशनगंगा पावर स्टेशन के प्रशुल्क के ट्रूइंग-अप के लिए याचिका और 2019-24 तक की अवधि के लिए किशनगंगा पावर स्टेशन की प्रशुल्क याचिका

एनएचपीसी लिमिटेड
(भारत सरकार का उद्यम)
NHPC Limited
(A Govt. of India Enterprise)

वाणिज्यिक विभाग

एनएचपीसी कार्यालय परिसर
सेक्टर-33,फरीदाबाद (हरियाणा) -121003
वॉल्यूम-I

(अंग्रेजी संस्करण और हिंदी संस्करण के बीच असंगति या विसंगति की स्थिति में, अंग्रेजी संस्करण मान्य होगा।)

माननीय केंद्रीय विद्युत विनियामक आयोग, नई दिल्ली के समक्ष

याचिका संख्या जीटी/2020

निम्नलिखित के विषय में:

किशनगंगा पावर स्टेशन के संबंध में 18.05.2018 से 31.03.2019 की अवधि के लिए प्रशुल्क का ट्रूइंग-अप हेतु सीईआरसी (कार्य संचालन), विनियमावली, 1999 के विनियम 79(1) और 86, विद्युत अधिनियम, 2003 की धारा 62(1)(क) और सीईआरसी (प्रशुल्क की निबंधन और शर्तें) विनियामवली, 2014 के विनियम 8, 14(3) और 25(3) के अंतर्गत याचिका ।

और निम्नलिखित के विषय में:

किशनगंगा पावर स्टेशन के संबंध में 2019-24 की अवधि के लिए प्रशुल्क के निर्धारण हेतु सीईआरसी (कार्य संचालन), विनियमावली, 1999 के विनियम 79(1) और 86, विद्युत अधिनियम, 2003 की धारा 62(1)(क) और सीईआरसी (प्रशुल्क की निबंधन और शर्तें) विनियमावली, 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 - 121003

प्रतिवादीगण
प्रिंसिपल सचिव,
पावर डेव्लपमेंट डिपार्टमेंट,
नया सचिवालय और 2 अन्य
जम्मू -180001(जम्मू व कश्मीर)

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एनएचपीसी लिमिटेड

के माध्यम से

(एम जी गोखले)
महाप्रबंधक(वाणिज्यिक)

स्थान : फरीदाबाद
दिनांक : 24.01.2020

माननीय केंद्रीय विद्युत विनियामक आयोग, नई दिल्ली के समक्ष

याचिका संख्या.....जीटी/2020

निम्नलिखित के विषय में:

निम्नलिखित के विषय में:

किशनगंगा पावर स्टेशन के संबंध में 18.05.2018 से 31.03.2019 की अवधि के लिए प्रशुल्क का ट्रूइंग-अप हेतु सीईआरसी (कार्य संचालन), विनियमावली, 1999 के विनियम 79(1) और 86, विद्युत अधिनियम, 2003 की धारा 62(1)(क) और सीईआरसी (प्रशुल्क की निबंधन और शर्तें) विनियामवली, 2014 के विनियम 8, 14(3) और 25(3) के अंतर्गत याचिका ।

और निम्नलिखित के विषय में:

किशनगंगा पावर स्टेशन के संबंध में 2019-24 की अवधि के लिए प्रशुल्क के निर्धारण हेतु सीईआरसी (कार्य संचालन), विनियमावली, 1999 के विनियम 79(1) और 86, विद्युत अधिनियम, 2003 की धारा 62(1)(क) और सीईआरसी (प्रशुल्क की निबंधन और शर्तें) विनियमावली, 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 - 121003

प्रतिवादीगण

1. प्रिंसिपल सचिव,
   पावर डेव्लपमेंट डिपार्टमेंट,
   नया सचिवालय,
   जम्मू -180001(जम्मू व कश्मीर)

2. अध्यक्ष,
   उत्तर प्रदेश पावर कॉर्पोरेशन लिमिटेड,
   शक्ति भवन, 14, अशोक मार्ग,
   लखनऊ - 226 001 (उत्तर प्रदेश)

3. कार्यपालक निदेशक (वाणिज्यिक),
   छत्तिसगढ़ राज्य विद्युत वितरण कंपनी लिमिटेड,
   विद्युत सेवा भवन, दंगानिया,
   रायपुर -492013 (छत्तिसगढ़)

किशनगंगा जनरेटिंग स्टेशन के संबंध में सीईआरसी (व्यवसाय का संचालन), विनियम, 1999 के 79 (1) और 86 के तहत विद्युत अधिनियम, 2003 की धारा 62(1)(ए) और सीईआरसी (टैरिफ के नियम और शर्तें) विनियम 2014 के नियम 8, 14 और 25 (3)और बाद के संबंधित संशोधनों तथा सीईआरसी (टैरिफ के नियम और शर्तें) विनियम, 2019 के विनियम 9 (2), 10 (1), 12, 24, 25, 26 और 35 (2)के तहत याचिका।

<u>सादर प्रस्तुत किया जाता है कि</u> :

1. एनएचपीसी लिमिटेड, जिसे यहां बाद में 'एनएचपीसी' कहा जायेगा, कम्पनी अधिनियम, 1956 के तहत भारत सरकार की कम्पनी है। बिजली अधिनियम, 2003 की धारा 2(28) के तहत यह 'बिजली उत्पादन कम्पनी' है।

2. एनएचपीसी के स्वामित्व वाला किशनगंगा पावर स्टेशन (3x110=330 मेगावाट) केंद्र शासित प्रदेश जम्मू और कश्मीर में स्थित है और अपने प्रथम यूनिट के वाणिज्यिक संचालन 18.05.2018 से उत्तरी क्षेत्र में अपने लाभार्थियों को बिजली की आपूर्ति कर रहा है। पावर स्टेशन का वाणिज्यिक संचालन 24.05.2018 है।

3. एनएचपीसी ने किशनगंगा का निर्माण किया है और अपने वाणिज्यिक संचालन के बाद से इसका संचालन और रखरखाव कर रही है। इस पावर स्टेशन से उत्पन्न बिजली की आपूर्ति विभिन्न थोक पावर लाभार्थियों / उपभोक्ताओं/शाखा केंद्रों को बिजली खरीद समझौते (पीपीए)/बीपीएसए के अनुसार की जा रही है।

4. बिजली अधिनियम की धारा 62 बिजली उत्पादन कम्पनी द्वारा लाइसेंस प्राप्त वितरक को बिजली आपूर्ति के लिए एप्रोप्रिएट कमीशन द्वारा शुल्क निर्धारण का प्रावधान करती है। माननीय आयोग को बिजली अधिनियम 2003 की धारा 79(1)(ए) के तहत केंद्र सरकार के स्वामित्व या नियंत्रण वाली उत्पादन कम्पनियों के शुल्क नियमन का अधिकार दिया गया है।

5. याचिकाकर्ता ने याचिका सं. 43/जीटी/2018 के तहत यूनिट -I एवं II की वाणिज्यिक संचालन की अनुमानित तिथि 31.01.2018 एवं यूनिट- III के लिए दिनांक 28.02.2018 के आधार पर टैरिफ के निर्धारण के लिए याचिका दायर किया है।

6. याचिकाकर्ता के नियंत्रण से बाहर के कारणों से परियोजना को दिनांक 28.02.2018 को वाणिज्यिक संचालन के तहत घोषित नहीं किया जा सका। तत्पश्चात, यूनिट -1, यूनिट -2 एवं यूनिट-3 को क्रमशः 18.05.2018 और 24.05.2018 को वाणिज्यिक संचालन के तहत घोषित किया गया। 24.05.2018 को अंतिम इकाई के वाणिज्यिक संचालन के साथ, पावर स्टेशन को वाणिज्यिक संचालन के तहत घोषित किया गया है।

7. याचिका नं. 43/जीटी/2018 की दिनांक 22.5.2018 को सुनवाई के दौरान, माननीय आयोग ने परियोजना की वास्तविक सीओडी के लागत के आधार पर संशोधित टैरिफ फॉर्म जमा करने का निर्देश दिया है। चूंकि सीओडी पर वास्तविक लागत की पुष्टि नहीं की गई थी, अतः याचिकाकर्ता ने 31.03.2018 को परियोजना की बैलेंस शीट के अनुसार लागत पर विचार करने का अनुरोध किया है। तदनुसार टैरिफ प्रपत्रों को 31.03.2018 को बैलेंस शीट लागत के आधार पर संशोधित किया गया था और शपथ पत्र दिनांक 14.06.2018 के माध्यम से प्रस्तुत किया गया था।

8. दिनांक 31.03.2018 को परियोजना की बैलेंस शीट लागत के आधार पर, माननीय आयोग ने दिनांक 07.08.2018 के आदेश के माध्यम से अंतरिम टैरिफ की अनुमति दी है।

9. इसके अलावा, याचिका पर दिनांक 06.02.2019 को सुनवाई हुई। माननीय आयोग ने आरओपी में निम्नलिखित दस्तावेज जमा करने का निर्देश दिया है:

   क. वास्तविक सीओडी के आधार पर संशोधित टैरिफ फॉर्म।

   ख. सीईए द्वारा स्वीकृत आरसीई।

   ग. डीआईए द्वारा पुनरीक्षित पूंजी लागत की रिपोर्ट।

10. माननीय आयोग के उपरोक्त निर्देश के अनुपालन में, वास्तविक सीओडी लागत के आधार पर संशोधित टैरिफ फॉर्म दिनांक 29.03.2019 के द्वारा हलफनामे के साथ डीआईए रिपोर्ट और सीईए द्वारा अनुमोदित आरसीई के साथ प्रस्तुत किए गए हैं।

11. उपरोक्त दस्तावेजों के आधार पर, माननीय आयोग ने दिनांक 28.10.2019 के आदेश द्वारा दिनांक 18.05.2018 से 31.03.2019 की अवधि के लिए टैरिफ की अनुमति दी है।

12. दिनांक 28.10.2019 के आदेश में, माननीय आयोग ने **₹ 32454.00** लाख की कटौती करके **₹36805.52** लाख की दावा की गई राशि के विरुद्ध केवल **₹4351.52** लाख के मानक आईडीसी की अनुमति दी है। माननीय आयोग के आदेश से व्यथित होकर याचिकाकर्ता ने याचिका संख्या 43/जीटी/2018 में दिनांक 28.10.2019 के आदेश के विरुध दिनांक 11.12.2019 को पुनरीक्षण याचिका सं. 01/आरपी/2020 दायर किया है।

13. उपरोक्त को ध्यान में रखते हुए, वर्तमान याचिका, समीक्षा याचिका संख्या 01/आरपी/2020 के परिणाम के अधीन है। इसलिए, याचिकाकर्ता ने प्रस्तुत समीक्षा याचिका में याचिका संख्या 43/GT/2018 में मानक आईडीसी की गणना के लिए अपनाई गई समान पद्धति को अपनाया है।

भाग-ए: 2014-19 की अवधि के लिए टैरिफ का तसदीक (ट्रूइंग अप)

14. माननीय आयोग द्वारा अपने आदेश दिनांक 28.10.2019 (अनुबंध-III) द्वारा अनुमत 2018-19 की अवधि के लिए वास्तविक पूंजी लागत और एएफसी का सारांश निम्नानुसार है:

पूंजी लागत

(रुपये लाख में)

	दिनांक 18.05.2018 तक (एक यूनिट के लिए)	स्टेशन के संचालन तिथि (24.05.20218) तक (सभी तीनों यूनिट के लिए)
आरंभिक पूंजी लागत	164678.18	533454.59
अतिरिक्त पूंजी लागत	0.00	0.00
अंतिम पूंजी लागत	**164678.18**	**533454.59**

वार्षिक तय शुल्क (एएफसी) :

(रुपये लाख में)

वर्ष	18.05.2018 से 23.05.2018 तक (एक यूनिट के लिए)	24.05.2018 से 31.03.2019 तक (सभी तीनों यूनिट के लिए)
इक्विटी पर रिटर्न	169.54	28558.00
ऋण पर ब्याज	8.12	4480.14
ह्रास	40.61	6839.91
कार्यशील पूंजी पर ब्याज	7.01	1247.96
संचालन और रख रखाव व्यय	49.76	8437.11
एएफसी	275.04	49563.12

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

*"8.**<u>तस्दीक</u>***

(1) तस्दीक के समय सतर्कता जांच के बाद आयोग द्वारा स्वीकृत 31.03.2019 तक किए गए अतिरिक्त पूंजी व्यय सहित कुल पूंजी व्यय के संदर्भ में तस्दीक प्रक्रिया अगले वर्ष के लिए दाखिल शुल्क आवेदन के साथ पूरी की जाएगी।

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

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

क)नियंत्रण योग्य मानक :

i) स्टेशन हीट रेट;

ii) द्वितियक ईंधन तेल खपत ;

*iii) **सहायक ऊर्जा खपत;** और*

iv)ऋण का का पुनः वित्त पोषण

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

.....”

*“14. **<u>अतिरिक्त पूंजीकरण और गैर-पूंजीकरण :</u>***

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(1) नई परियोजना या मौजूदा परियोजना के संबंध में पूंजीगत व्यय, व्यावसायिक संचालन की तारीख के बाद और कट-ऑफ तिथि तक, कार्य के मूल दायरे के भीतर आयोग द्वारा स्वीकार किया गया अथवा विवेकपूर्ण जाँच के अधीन निम्नलिखित खर्च किया जा सकता है:

(i) भविष्य की तारीख में देय होने के लिए मान्यता प्राप्त गैर-मुक्त देयताएं;

(ii) निष्पादन के लिए आस्थगित कार्य;

(iii) कार्य के मूल दायरे के भीतर प्रारंभिक पूंजी पुर्जों की खरीद, में विनियम 13 के प्रावधानों के अनुसार;

(iv) मध्यस्थता के पुरस्कार को पूरा करने या आदेश के अनुपालन के लिए देयताएं या

अदालत की डिक्री; और

(v) कानून में बदलाव या किसी मौजूदा कानून का अनुपालन:

बशर्ते कि कार्य के मूल दायरे में शामिल आस्ति-वार/कार्य-वार का विवरण, व्यय के अनुमानों के साथ, भविष्य की तारीख में देय होने के लिए मान्यता प्राप्त देनदारियों और निष्पादन के लिए आस्थगित कार्यों को टैरिफ के निर्धारण के लिए आवेदन के साथ प्रस्तुत किया जाएगा। .

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3. मौजूदा उत्पादन स्टेशन या संचार प्रणाली सहित पारेषण प्रणाली के संबंध में पूंजीगत व्यय, कट-ऑफ तिथि के बाद निम्नलिखित मामलों में किए गए या होने का अनुमान, विवेकपूर्ण जांच के अधीन, आयोग द्वारा स्वीकार किया जा सकता है:

मध्यस्थता या आदेश के अनुपालन के लिए या अदालती आदेश के अनुपालन के लिए आवश्यक देयताएं ; आगामी तिथि पर भुगतान की जाने वाली गैर निष्पादित देयताएं ;

(ii) *नियम या किसी मौजूदा नियम के अनुपालन में बदलाव;*

(iii) राष्ट्रीय सुरक्षा/आंतरिक सुरक्षा के लिए उत्तरदायी वैधानिक प्राधिकरणों की समुचित सरकारी एजेंसियों द्वारा निर्देशित या अनुशंसा अनुरूप संयंत्र की अधिक सुरक्षा और संरक्षा की जरूरत पर किया गया व्यय ;

(iv) ----------

(v) निर्धारित तिथि से पूर्व सम्पन्न कार्यों के प्रति कोई शेष देयता, ऐसे गैर-निष्पादित देयताओं के ब्यौरे की सतर्क जांच के बाद पैकेज की कुल अनुमानित लागत, भुगतान रोकने और भुगतान जारी करने के कारण इत्यादि ;

(vi) निर्धारित तिथि के बाद आयोग द्वारा स्वीकृत कार्यों के प्रति कोई देयता, वास्तविक भुगतान द्वारा इन देयताओं को निष्पादित किए जाने की सीमा तक ;

(vii) ----------

(viii) किसी भी बीमा कम्पनी से प्रक्रिया समायोजित किए जाने के बाद ***पनबिजली उत्पादन केंद्रों के मामले में कोई भी ऐसा व्यय, जो*** *प्राकृतिक आपदाओं में (लेकिन उत्पादन कम्पनी की लापरवाही के कारण बिजली घर में पानी भर जाने के कारण हुए नुकसान में नहीं) और भूगर्भीय कारणों से हुए नुकसान के कारण अनिवार्य हो गया हो तथा संयंत्र के सफल और कुशल संचालन के लिए आवश्यक हो गए किसी अतिरिक्त काम को पूरा करने में हुआ व्यय;*

(ix) ----------

(x) ----------

परंतु, उपबंधित है कि निर्धारित तिथि यानी 01.04.2014 के बाद उपकरण और औजार, फर्नीचर, एयर कंडीशनर्स, वोल्टेज स्टैबिलाइजर, रेफ्रिजरेटर, कूलर, कम्प्यूटर, पंखे, वाशिंग मशीन, हीट कन्वेक्टर, गद्दे, कार्पेट आदि जैसी वस्तुएं या परिसम्पत्तियां हासिल करने में हुआ पूंजीगत व्यय शुल्क निर्धारण के लिए अतिरिक्त पूंजीकरण के रूप में विचारणीय नहीं होगा :

.....”

“25. इक्विटी पर रिटर्न पर कर:

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

17. उपरोक्त को ध्यान में रखते हुए, वर्तमान याचिका निम्नलिखित कारणों से दायर की गई है:

क. वर्तमान याचिका सीओडी के अनुसार पूंजीगत व्यय को सही करने के लिए प्रस्तुत की गई है, क्योंकि याचिकाकर्ता ने सीओडी से 31.03.2019 तक कोई अतिरिक्त पूंजीगत व्यय प्रस्तावित नहीं किया है। वर्तमान याचिका में, सीओडी से 31.03.2019 तक वास्तविक अतिरिक्त सीमा का भी दावा किया गया है।

ख. सीईआरसी टैरिफ विनियम, 2014 के विनियम 25(3) के अनुरूप वर्ष 2018-19 की अवधि के लिए एनएचपीसी पर लागू 'प्रभावी कर दर' के आधार पर इक्विटी पर प्रतिफल की सकल दर का ड्रू-अप करना।

ग. सीईआरसी टैरिफ विनियम, 2014 के विनियम 8 (2) (ए) (iii) के अनुसार 2018-19 की अवधि के लिए वास्तविक सहायक ऊर्जा खपत (एयूएक्स) के आधार पर उत्पादन स्टेशन के टैरिफ को सही करने के लिए।

घ. सीईआरसी टैरिफ विनियम, 2014 के विनियम 8 (2) (ए) (iv) के अनुसार ऋण के पुनर्वित्त के आधार पर उत्पादन स्टेशन के टैरिफ को सही करने के लिए।

18. <u>पूंजी लागत</u>

माननीय आयोग के आदेश दिनांक 28.10.2019 के पैरा -20 में याचिका संख्या 43/जीटी/2018 में यूनिट-1 के सीओडी (अर्थात 18.05.2018) और उत्पादन स्टेशन के सीओडी (अर्थात् 24.05.2018) के अनुसार टैरिफ को सही करते समय पूंजी लागत का लेखा परीक्षक प्रमाण पत्र प्रस्तुत करने की स्वतंत्रता प्रदान की है। इस संबंध में, यूनिट-1 (अर्थात 18.05.2018) और उत्पादन स्टेशन (अर्थात 24.05.2018) के सीओडी के अनुसार पूंजीगत लागत का लेखा परीक्षक प्रमाणपत्र **अनुबंध-XV** के रूप में संलग्न है।

टैरिफ के उद्देश्य के लिए दावा किए गए ऑडिटर के प्रमाण पत्र के आधार पर इकाईवार विभाजित पूंजी लागत नीचे सारणीबद्ध है। इसका विवरण प्रपत्र-9ई और 9एफ के अनुलग्नक में दर्शाया गया है। याचिकाकर्ता ने निर्माण के दौरान 30% से अधिक की इक्विटी के लिए सीईआरसी टैरिफ विनियम, 2014 के विनियम 9 (2) (बी) के अनुरूप परियोजना के एक मानक आईडीसी पर विचार किया है। इसकी विस्तृत गणना फॉर्म 14 में दर्शाई गई है।

(रुपये लाख में)

	यूनिट -1 (18.05.2018 को)	**यूनिट -1,2&3** (24.05.2018 को)
पूंजी लागत (ए)	193515.19	581018.81
अन-डिस्चार्ज दायित्व (बी)	6692.43	15090.04
निवल पूंजी लागत (सी=ए-बी)	**186822.76**	**565928.76**
ऊपर 'सी' में आईडीसी	2573.15	7737.44
ऊपर 'सी' में फाइनैनसिंग लागत	6.52	19.56
ऊपर 'सी' में आईईडीसी	30813.84	92345.51
ऊपर 'सी' में मानक	12251.84	36804.52

आईडीसी		

19. सीईआरसी टैरिफ विनियम 2014 के विनियम 9(2)(जी) के अनुसार, राजस्व की राशि अशक्त विद्युत की बिक्री से अर्जित **रु. 365.15 लाख** को उपरोक्त पूंजीगत लागत से काट लिया गया है। इसका प्रभाव आईईडीसी के माध्यम से दिया गया है और इसका विवरण फॉर्म-13डी में दर्शाया गया है।

20. सीडब्ल्यूआईपी से पूंजीगत लागत तक निधि प्रवाह का विवरण टैरिफ फॉर्म 9ई और 9एफ में दर्शाया गया है। पार्टी-वार/परिसंपत्ति-वार गैर-उन्मोचित देनदारियों और इसके वर्षवार निर्वहन का विवरण फॉर्म-16 में दिखाया गया है। मानक ऋण: सीईआरसी टैरिफ विनियम, 2014 के विनियम 19 के अनुसार टैरिफ गणना में 70:30 के इक्विटी अनुपात पर विचार किया गया है।

उपरोक्त के अलावा, परियोजना की आकस्मिक देनदारियां हैं जो नवीनतम लेखापरीक्षित तुलन पत्र के अनुसार न्यायाधीन/मध्यस्थता के अधीन/सांविधिक प्राधिकारियों के पास लंबित हैं। 31.03.2019 को आकस्मिक देनदारियों का सार **अनुबंध-IV** में संलग्न है।

21. सीओडी से 31.03.2019 तक टैरिफ के उद्देश्य के लिए दावा किए जाने वाले शुद्ध अतिरिक्त पूंजीकरण का विवरण नीचे दी गई पुस्तकों के अनुसार वास्तविक पूंजी परिवर्धन से प्राप्त किया गया है और इसका विवरण फॉर्म -9ए, 9बी(i) और फॉर्म-16 में रखा गया है :

(रुपये लाख में)

क्र सं	**विवरण**	18.05.2018 से 23.05.2018	24.05.2018 से 31.03.2019
		यूनिट-1	यूनिट-1,2 एवं 3
क	आरंभिक पूंजी लागत	186822.76	565928.76
ख	जोड़ें - वर्ष/अवधि के दौरान अतिरिक्त व्यय	0.00	5068.56
ग	घटाएं: वर्ष/अवधि के दौरान पूंजी निकाला जाना	0.00	806.91

घ	जोड़ें: वर्ष/अवधि के दौरान डिस्चार्ज	0.00	5309.61
ङ	**निवल जोड़ (क+ख-ग+घ)**	**186822.76**	**575500.02**

22.सीईआरसी टैरिफ विनियम 2014 के नियम-3(13) के अनुसार, किशनगंगा की कटऑफ तिथि 31.03.2021 है। अपरिहार्य परिस्थितियों और याचिकाकर्ता के नियंत्रण से बाहर की स्थिति के कारण, मूल कटऑफ तिथि अर्थात 31.03.2021 के भीतर कार्यों के मूल दायरे में आस्थगित कार्यों को पूरा करना संभव नहीं हो सका। तदनुसार, कटऑफ तिथि को 31.03.2024 तक बढ़ाने के अनुरोध के साथ 31.03.2024 तक कार्यों को स्थगित करने का प्रस्ताव है। इस संबंध में कटऑफ तिथि को मार्च 2021 से मार्च 2024 तक बढ़ाने का विस्तृत प्रस्ताव इस प्रकार है:

<u>कटऑफ तिथि बढ़ाने का प्रस्ताव</u>

वर्तमान प्रस्ताव किशनगंगा परियोजना की कट-ऑफ तिथि को मूल कटऑफ तिथि 31 मार्च, 2021 से से बढ़ाकर 31 मार्च, 2024 करने का है क्योंकि रुपये 181.14 करोड़ के कुछ पूंजीगत कार्यों को कट-ऑफ तिथि तक पूरा नहीं किया जा सकता है जिन्हें कुछ अपरिहार्य कारकों जो नीचे वर्णितहैं के कारण 31 मार्च, 2024 तक पूरा होने की संभावना है:

i) गुरेज बांध स्थल पर डैम टो पावर हाउस का काम शुरू नहीं होना।

ii. राइट बैंक डैम रोड, आंतरिक सड़क कार्य और डीजल स्टोरेज टैंक का निर्माण।

iii. भूमि अधिग्रहण और आर एंड आर भुगतान।

iv. पर्यावरण प्रबंधन योजना के तहत कार्य

v. प्रशासनिक भवन, सुरक्षा भवन, क्षेत्र विकास, भूमि निर्माण और टाउनशिप।

vi. पावर हाउस की बाउंड्री वॉल।

21 मार्च से 24 मार्च तक की कट-ऑफ तिथि के स्पिल ओवर का कारण

इस पर यह जोर दिया जाना है कि किशनगंगा जलविद्युत परियोजना 330 मेगावाट का निर्माण भी 28 महीने और 11 दिनों की देरी से हुआ। किशनगंगा जलविद्युत परियोजना में वास्तविक निष्पादन के दौरान कई कठिनाइयाँ थीं। दूरदर्शिता, खराब

मौसम की स्थिति, लगभग 6 महीने तक बांध स्थल का बर्फ से ढका क्षेत्र, अंतरराष्ट्रीय सीमा से निकटता, प्रतिकूल कानून और व्यवस्था की स्थिति आदि।

संशोधित लागत समिति द्वारा कारणों की जांच की गई है जिसमें विशेष सचिव, भूतल परिवहन मंत्रालय, संयुक्त सचिव, एमओपी, सलाहकार, लागत, एमओएफ शामिल हैं। यह निष्कर्ष निकाला गया कि समय की अधिकता का कारण उचित था। (संदर्भ संख्या 2/7/2016-एनएचपीसी, दिनांक 18.09.2019)। चूंकि जमीनी हकीकत, किशनगंगा जलविद्युत परियोजना (परियोजना के शेष कार्यों की मुख्य और स्थिति) के निर्माण के समय की स्थिति के समान है तथा यह आशंका है कि निर्धारित कार्य कट-ऑफ तिथि के भीतर पूरा नहीं हो सकेगा।

इसके अलावा, आगे के पैराग्राफों में वर्णित अन्य कारण भी हैं जिनके कारण शेष कार्यों को पूरा करने में देरी होने की संभावना है।

ए. डैम टो पावर हाउस का निर्माण- यहां यह उल्लेख किया जाता है कि किशनगंगा जलविद्युत परियोजना सिंधु जल संधि, 1960 के अंतर्गत आती है। तदनुसार, परियोजना के डिजाइन और निर्माण पर पाकिस्तान द्वारा उठाए गए विवादों के मामले पर, अंतर्राष्ट्रीय मध्यस्थता न्यायालय (आईसीए) ने किशनगंगा बांध से नीचे की ओर (4.25 क्यूमेक्स के मूल प्रावधान के विरुद्ध) न्यूनतम 9 क्यूमेक्स पानी जारी करने का निर्देश दिया था। इस प्रकार, 9 क्यूमेक्स डाउनस्ट्रीम का डिस्चार्ज सुनिश्चित करने के लिए और बांध से इस महत्वपूर्ण डाउनस्ट्रीम रिलीज के कारण ऊर्जा उत्पन्न करने के लिए डैम टो पावर हाउस की स्थापना का प्रस्ताव दिया गया है जो विशेष रूप से सर्दियों के दौरान बांध उपकरणों के संचालन के लिए गुरेज में बिजली के अतिरिक्त स्रोत के रूप में कार्य करेगा (जब गुरेज घाटी लगभग 6 महीने के लिए घाटी से कटा होता है)। तदनुसार, डैम टो पावर हाउस के प्रस्ताव को किशनगंगा जलविद्युत परियोजना के संशोधित लागत अनुमान में शामिल किया गया था और यह किशनगंगा जलविद्युत परियोजना का एक अभिन्न अंग है।

डैम टो पावर हाउस का कार्य प्रारंभ करने के लिए दिनांक 24.08.2018 को कार्यों के निष्पादन हेतु निविदा आमंत्रण सूचना (एनआईटी) जारी की गई है। बोलीदाताओं की भागीदारी मध्यम थी। इसके अलावा, निविदाओं के मूल्यांकन के बाद, यह देखा गया है

कि उद्धृत दर असामान्य रूप से अधिक थी। उपरोक्त को ध्यान में रखते हुए दिनांक 09.10.2019 को निविदा रद्द कर दी गई है और पुनः निविदा प्रक्रिया में है। अब तक, अगले 2-3 महीनों के दौरान नए सिरे से एनआईटी जारी किए जाने की संभावना है। बोलियों के मूल्यांकन और ठेके देने की समय-सीमा को ध्यान में रखते हुए, यह उम्मीद की जाती है कि 2021 के कामकाजी मौसम के दौरान काम शुरू किया जा सकता है। चूंकि, डैम टो पावर हाउस के काम को पूरा करने की निर्धारित अवधि 24 महीने है, यह उम्मीद की जाती है कि डैम टो पावर हाउस का काम 23 नवंबर के बाद पूरा कर लिया जाएगा। ऊपर बताए गए तथ्यों को ध्यान में रखते हुए बिजली स्टेशन का अभिन्न हिस्सा 31 मार्च 2021 की कट-ऑफ तिथि से पहले पूरा होने की उम्मीद नहीं है, इसलिए, यह अनुरोध किया जाता है कि कट-ऑफ की तारीख को 31 मार्च 2024 तक बढ़ाया जाए।

बी. प्रतिकूल जलवायु स्थितियां: किशनगंगा हाइड्रोइलेक्ट्रिक प्रोजेक्ट मूल रूप से पूरा हो गया है लेकिन प्रोजेक्ट का अन्य पार्ट यानी डैम टो पावर हाउस, गुरेज में स्थित है। नवंबर के मध्य से मई के मध्य तक की अवधि के दौरान गुरेज़ घाटी में तापमान लगभग माइनस 20 डिग्री सेल्सियस तक चला जाता है और 7-10 फीट की सीमा में बर्फ गिरती है। राजदान दर्रे के माध्यम से केवल उपलब्ध सड़क से संपर्क देश के बाकी हिस्सों से वर्ष के दौरान छह महीने के लिए कट जाता है। ऐसे में गुरेज़ में काम करने का मौसम हर साल मई-अक्टूबर तक सीमित है।

किशनगंगा परियोजना के मुख्य बांध के शेष कार्य हैं, जिन्हें भी पूरा किया जाना है लेकिन प्रतिकूल जलवायु परिस्थितियों के कारण कटऑफ तिथि यानी 31 मार्च 2021 के भीतर शेष कार्य को पूरा करना मुश्किल है।

इसके अलावा, जम्मू-श्रीनगर राजमार्ग, जो कश्मीर घाटी के लिए एकमात्र पंहुचने का मार्ग है , अक्सर भारी बर्फबारी, भूस्खलन, हिमस्खलन आदि के कारण सर्दी/बरसात के मौसम में दिनों के लिए बंद रहता है। गुरेज़/बांदीपोरा की जलवायु परिस्थितियों के बारे में समाचार दिये जाते हैं जिसे संदर्भ के लिए अनुबंध-I से 7 तक बताया गया है।

ऊपर वर्णित दोनों कारक किशनगंगा परियोजना के मुख्य रूप से पूरा होने में देरी के लिए भी जिम्मेदार हैं। यह भी अनुमान लगाया गया है कि वे मूल रूप से किशनगंगा

परियोजना के साथ-साथ डैम टो पावर हाउस के शेष कार्यों को पूरा करने में समय के अतिरेक में भी योगदान देंगे।

सी. 5 अगस्त 2019 से पहले कानून और व्यवस्था की स्थिति: 19 मई 2018 को माननीय प्रधान मंत्री महोदय द्वारा किशनगंगा परियोजना की इकाइयों को राष्ट्र को समर्पित करने के बाद, किशनगंगा परियोजना के शेष कार्यों को पूरा करने और डैम टो पावर हाउस के निर्माण के कार्य में देरी के कारण कश्मीर घाटी में बार-बार बंद, विभिन्न संगठनों द्वारा दिए गए बंद का आह्वान है। इसके अलावा, सीमा पार मोर्टार गोलाबारी के कारण गुरेज बांध स्थल पर काम रोक दिया गया था।

डैम टो पावर हाउस के बोलीदाताओं द्वारा उद्धृत असामान्य उच्च दरें भी गुरेज़ की दुर्गमता और घाटी में मौजूदा कानून व्यवस्था की स्थिति के कारण हैं।

गुरेज/बांदीपोरा की कानून और व्यवस्था की स्थिति के बारे में छपी खबरें संदर्भ के लिए अनुलग्नक-8 से 15 में दी गई हैं।

डी. 5 अगस्त 2019 के बाद कानून और व्यवस्था के मुद्दे: 5 अगस्त, 2019 को अनुच्छेद 370 को निरस्त करने की घोषणा के बाद, परियोजना में काम करने वाले प्रवासी कामगारों ने कार्यस्थलों को छोड़ दिया, जिससे सभी मोर्चों पर काम पूर्ण / आंशिक रूप से रुक गया। इस प्रकार वित्तीय वर्ष 2019-20 के दौरान नियोजित कार्यों की प्रगति गंभीर रूप से प्रभावित हुई। इन कार्यों को अगले वित्तीय वर्ष के लिए विमुद्रीकरण / संसाधन जुटाने में कठिनाइयों के कारण अग्रेषित किए जाने की उम्मीद है और इस तरह कुछ और कार्यों को कट-ऑफ तिथि से आगे बढ़ जायेंगे। चूंकि कार्य केवल ई-निविदा के माध्यम से प्रदान किए जाते हैं और निर्दिष्ट स्थानों पर इंटरनेट सुविधा वापस ले ली जाती है / दे दी जाती है, अतएव अधिकांश स्थानीय ठेकेदारों/विक्रेताओं को bid भरने के लिए पहुंचने/सूचना प्राप्त करने में असमर्थता होती है , बोलीदाताओं से कोई प्रतिक्रिया या अपर्याप्त प्रतिक्रिया के परिणामस्वरूप काम शुरू होने में देरी हो जाती है।, अनुच्छेद 370 को निरस्त करने के बाद कश्मीर घाटी की कानून और व्यवस्था की स्थिति के बारे में समाचार आइटम संदर्भ के लिए अनुलग्नक -16 में रखा गया है।

ऊपर वर्णित कानून-व्यवस्था की स्थिति किशनगंगा परियोजना, मुख्य के पूरा होने में देरी के लिए भी जिम्मेदार रही है। इन कारकों से मुख्य किशनगंगा परियोजना के साथ-साथ डैम टो पावर हाउस के शेष कार्य समय से पूरा नहीं हो सका है।

ई. अन्य मुद्दे: - X-पर्यावरण और पारिस्थितिकी "Head" के तहत विभिन्न कार्यों के साथ-साथ भूमि मुआवजे का भुगतान केंद्र शासित प्रदेश के सरकारी विभागों द्वारा किया जाता है।

विभिन्न मुद्दों के कारण जो ऊपर वर्णित सरकारी एजेंसियों के नियंत्रण से बाहर हैं और कानून की अदालत, कार्यों के निष्पादन में काफी समय लगा है। कार्यों में तेजी लाने के लिए सरकारी एजेंसियों से कई बार पत्राचार करने के बाद भी कोई खास प्रगति नहीं हुई है।

i. किशनगंगा पावर स्टेशन के संबंध में आर एंड आर योजना को जम्मू-कश्मीर सरकार द्वारा रुपये 171 करोड़ के लिए अनुमोदित किया गया है। परियोजना प्रभावित परिवारों को संवितरण के लिए डीसी, बांदीपोरा- आयुक्त (आर एंड आर) को अब तक 130.08 करोड़ रुपये का भुगतान जारी किया गया है। पीएएफ को मुआवजे के संवितरण में देरी हुई है, क्योंकि उनके मुआवजे के विवाद के कारण जम्मू-कश्मीर सरकार द्वारा पीएएफ की सूची को अंतिम रूप दिया जाना था और कानूनी विवाद तथा विभिन्न मामलों में मुकदमेबाजी की गई थी। इस संबंध में, जम्मू-कश्मीर सरकार ने 16.05.2018 को मुख्य सचिव, जम्मू-कश्मीर सरकार की अध्यक्षता में आर एंड आर योजना पर दोबारा गौर किया गया । किशनगंगा जलविद्युत परियोजना के लिए आर एंड आर योजना के कार्यान्वयन की समीक्षा के संबंध में सिविल सचिवालय, श्रीनगर में मुख्य सचिव, जम्मू-कश्मीर सरकार की अध्यक्षता में 16.05.2018 को आयोजित बैठक में मुख्य सचिव की स्वीकृति की कार्यवृत्त को मुख्य सचिव के कार्यालय के पत्र संख्या पीएस/सीएस/63/2018 दिनांक 7.09.2018 के माध्यम से अवगत कराई गई थी। । अब तदनुसार आयुक्त (आर एंड आर) के कार्यालय ने पीएएफ मुआवजे के वितरण की प्रक्रिया शुरू कर दी है। तथापि, विवादित/मुकदमेबाजी के मामले और शामलात और कचहरी भूमि श्रेणी के

मामले में, विवादों के निपटारे के बाद मुआवजा दिया जाना है, इसलिए, सभी प्रभावित पीएएफ को मुआवजे के भुगतान में देरी होगी।

ii. पर्यावरण एवं पर्यावरण मंत्रालय द्वारा किशनगंगा जलविद्युत परियोजना को दी गई पर्यावरणीय मंजूरी के अनुपालन में पर्यावरण प्रबंधन योजना प्रगति पर है। जलग्रहण क्षेत्र उपचार योजना और प्रतिपूरक वनरोपण जैसे ईएमपी कार्य पूरे हो चुके हैं। हालांकि, मत्स्य विकास योजना, निर्माण स्थलों की भूनिर्माण और बहाली, डंपिंग साइटों के पुनर्वास और बहाली और जलाशय के चारों ओर हरित पट्टी के निर्माण जैसे ईएमपी को परियोजना के चालू होने के बाद लिया जा सकता है। परियोजना मार्च, 2018 में चालू हो गई है और इन कार्यों का कार्यान्वयन प्रगति पर है। तथा काम 2022 तक पूरा होने की उम्मीद है।

उपरोक्त तथ्यों के साथ-साथ ऐसे दूरस्थ स्थान पर प्रतिकूल जलवायु परिस्थितियों को ध्यान में रखते हुए, माननीय आयोग से अनुरोध है कि किशनगंगा पावर स्टेशन के संबंध में दिनांक 31.03.2024 तक कटऑफ तिथि बढ़ाने हेतु इसे एक बहुत विशेष मामले समझते हुए छूट दी जाए। सीईआरसी टैरिफ विनियम, 2014 के विनियम 54 (छूट देने की शक्ति) और विनियम -55 (कठिनाई दूर करने की शक्ति) के तहत उपरोक्त दावे के समर्थन में दस्तावेज **अनुलग्नक-V** के रूप में संलग्न हैं।

23. नामित स्वतंत्र एजेंसी (डीआईए) द्वारा संशोधित लागत अनुमान (आरसीई) और पूंजीगत लागत की जांच का अनुमोदन:

सीईए ने किशनगंगा के संशोधित लागत अनुमान (आरसीई) का मूल्यांकन रु. 5755.93 करोड़ किया है जिसे दिनांक 08.10.2018 के पत्र के द्वारा अवगत कराया है तथा संशोधित लागत समिति (जिसे पहले स्थायी समिति के रूप में जाना जाता था) ने भी इसका मूल्यांकन 5658.82 करोड़ रुपये की लागत के लिए किया है जिसे दिनांक 18.09.2019 के पत्र के माध्यम से बताया है। संशोधित लागत समिति की रिपोर्ट की प्रति क्रमशः अनुलग्नक- IV और अनुबंध-VII के रूप में संलग्न हैं।

मैसर्स टाटा कंसल्टिंग इंजीनियर्स, नामित स्वतंत्र एजेंसी (डीआईए), ने जनरेटिंग स्टेशन के सीओडी के अनुसार पूंजीगत लागत पर अपनी सिफारिश प्रस्तुत की है और

सीईआरसी में दिनांक 29.03.2019 को हलफनामा प्रस्तुत किया है। तथापि उसकी प्रति **अनुबंध-VIII** के रूप में संलग्न है।

24.**<u>वार्षिक तय शुल्क की संगणना (एएफसी)</u> :**

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

क. <u>इक्विटी पर रिटर्न (आरओई):</u>

क. किशनगंगा पावर स्टेशन लघु तालाब के साथ एक ROR (ROR with pondage) स्कीम है, सीईआरसी शुल्क विनियम 2014 के नियम 24(2) के अनुसार आरओई की संगणना के लिए आधार दर 16.50 प्रतिशत रखी गई है।

ख. सीईआरसी टैरिफ रेगुलेशन'2014 के विनियम-25(1) के अनुसार वर्ष 2018-19 के लिए एनएचपीसी पर लागू 'प्रभावी कर' दर **(अनुलग्नक-**IX) के साथ आरओई की आधार दर को ग्रॉस अप किया गया है। इसका ब्योरा **अनुलग्नक -**I के फॉर्म-1(**ii**) में दर्शाया गया है।

<u>ख. मूल्यह्रास :</u>

क. किशनगंगा के टैरिफ को मॉडरेट करने के लिए, याचिका सं. 43/जीटी/2018 के माध्यम से मूल्यह्रास दर प्रारंभिक 10 वर्षों में @ 1.5% प्रस्तावित किया गया है और शेष मूल्यह्रास बिजली स्टेशन के उपयोगी जीवन में वसूल करना है।

ख. याचिका संख्या 43/जीटी/2018 में आदेश दिनांक 28.10.2019 के पैरा-33 में, माननीय आयोग ने याचिकाकर्ता द्वारा प्रस्तावित मूल्यह्रास पर विचार किया है। इसलिए इसी तर्ज पर, तत्काल याचिका में, मूल्यह्रास @ 1.5% माना गया है।

<u>ग. ऋण पर ब्याज :</u>

क. ऋण पर भारित औसत ब्याज दर की गणना सीईआरसी टैरिफ विनियम, 2014 के विनियम 26(5) के अनुरूप किशनगंगा के वास्तविक ऋण

चुकौती पोर्टफोलियो के आधार पर फॉर्म 13 में की गई है। इस ब्याज का उपयोग फॉर्म-13ए में मानक ऋण के ब्याज की गणना के लिए विनियम 26(6) के अनुसार किया गया है।

ख. यहां यह उल्लेखनीय है कि गणना की गई ब्याज दर बहुत मामूली (वित्त वर्ष 2018-19 के लिए 1.41%) है क्योंकि इस परियोजना के लिए ऋण का बड़ा हिस्सा भारत सरकार द्वारा अधीनस्थ ऋण के रूप में प्रदान किया गया है, जिसका ब्याज स्टेशन के सीओडी से केवल 1% की दर से होगा। वाणिज्यिक ऋणों/बांडों और अधीनस्थ ऋण के संबंध में ऋण दस्तावेजों का विवरण **अनुबंध-X** में संलग्न है।

घ. <u>संचालन और रख रखाव व्यय:</u>

क. किशनगंगा के टैरिफ को मॉडरेट करने के लिए, याचिका सं. 43/जीटी/2018 में ओ एंड एम खर्च 2.5% के बजाय 2.0% की दर से लिया गया है।

ख. याचिका संख्या 43/जीटी/2018 में आदेश दिनांक 28.10.2019 के पैरा-36 में, माननीय आयोग ने परियोजना लागत (आर एंड आर कार्यों की लागत को छोड़कर) के 2% की दर से ओ एंड एम व्यय पर विचार किया है। इसी तरह, तत्काल याचिका में, ओ एंड एम व्यय @ 2% माना गया है।

ग. 31.03.2024 को परियोजना की पूर्ण लागत रु. 611827.09 लाख को सीईआरसी टैरिफ विनियम, 2014 के विनियम 3(43) के अनुसार मानक आईडीसी सहित ओ एंड एम खर्चों की गणना के लिए माना गया है।

घ. इसलिए संचालन के पहले पूर्ण वर्ष के लिए दावा किए गए ओ एंड एम शुल्क 11894.10 लाख रुपये के रूप में माने गए हैं।

एक अलग याचिका नं286/एमपी/2019, याचिकाकर्ता द्वारा दिनांक 18.05.2018 की अवधि के दौरान (1st यूनिट का सीओडी 31.03.2019 है) किशनगंगा पावर स्टेशन में एनएचपीसी कर्मचारियों और केंद्रीय औद्योगिक सुरक्षा बल (सीआईएसएफ) के प्रतिनियुक्त कर्मचारियों के वेतन संशोधन के प्रभाव की वसूली के लिए पहले ही प्रस्तुत किया जा चुका है।

ङ. कार्यशील पूंजी पर ब्याज

क. याचिकाकर्ता ने सीईआरसी टैरिफ विनियम, 2014 के विनियम 28(1)(सी) के अनुसार कार्यशील पूंजी की गणना की है।

ख. सीईआरसी टैरिफ विनियम, 2014 के विनियम 28(3) के अनुरूप 01.04.2018 को कार्यशील पूंजी पर ब्याज दर को 12.20% (अर्थात बैंक दर (8.70% + 350 बीपी की एसबीआई आधार दर)) माना गया है।

25. उपरोक्त पैरा-21 और पैरा-24 में उल्लिखित पूंजीगत लागत और मानकों के आधार पर, याचिकाकर्ता ने टैरिफ अवधि 2018-19 के लिए संशोधित वार्षिक निश्चित शुल्क (एएफसी) की गणना की है। सीईआरसी द्वारा अपने दिनांक 28.10.2019 के आदेश द्वारा अनुमत एएफसी का विवरण और याचिकाकर्ता द्वारा गणना की गई तत्काल याचिका में दावा किया गया एएफसी निम्न प्रकार है:

(रुपये लाख में)

विवरण	18.05.2018 से 23.05.2018 तक (एक यूनिट के लिए)	24.05.2018 से 31.03.2019 तक (सभी तीनों यूनिट के लिए)
दिनांक 28.10.2019 के आदेश द्वारा अनुमत एएफसी	**275.04**	**49563.12**
तत्काल याचिका में दावा किया गया एएफसी		
ह्रास	46.07	7317.65
ऋण पर ब्याज	167.52	4786.06
इक्विटी पर रिटर्न	195.29	31022.46
कार्यशील पूंजी पर ब्याज	11.73	1401.55
संचालन और रख रखाव व्यय	65.17	10167.01
कुल (एएफसी)	**485.78**	**54694.73**

दिनांक 28.10.2019 के आदेश के अनुसार तत्काल याचिका में दावा किए गए एएफसी और अनुमत एएफसी के बीच के अंतर को सीईआरसी (टैरिफ के नियम और शर्तें) विनियम, 2014 के विनियमन 8 के खंड (11), (12) और (13) के प्रावधानों के अनुसार लाभार्थी से / से वसूल/वापसी की अनुमति दी जा सकती है।

26. **जीएसटी के प्रभाव की वसूली :**

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

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

(ए) केंद्र सरकार, राज्य सरकार/केंद्र शासित प्रदेश या किसी भी सरकारी तंत्र से प्रभावी घरेलू शुल्क, लेवी, उप-कर और कर, जिनसे लागत में परिवर्तन हुआ हो, उन्हें ''नियम में परिवर्तन'' माना जाएगा और पीपीए में जब तक अन्यथा उल्लेख न किया जाए, इसे स्वीकृत माना जाएगा।

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

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

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

इसके अनुसार हमने 26.04.2019 को सीईआरसी में आवेदन, संख्या 133/एमपी/2019 दाखिल की है और माननीय आयोग से जीएसटी के क्रियान्वयन को

नियम में बदलाव मानने और अतिरिक्त व्यय की लाभार्थियों से वसूली की अनुमति देने का अनुरोध किया है।

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

किशनगंगा के संबंध में जीएसटी का अतिरिक्त प्रभाव वित्तीय वर्ष 2018-19 (सीओडी से 31.03.2019) के दौरान रु 627.62 लाख है जो वैधानिक लेखा परीक्षकों (अनुबंध-XI) द्वारा विधिवत प्रमाणित है।

सीईआरसी टैरिफ विनियम, 2014 विशेष रूप से जीएसटी के कार्यान्वयन के कारण अतिरिक्त कर प्रभावों की प्रतिपूर्ति प्रदान नहीं करता है। हालांकि, सीईआरसी टैरिफ विनियम, 2014 के विनियम 55 के प्रावधानों के तहत माननीय आयोग को उक्त विनियमों के प्रावधानों को लागू करने में कठिनाई (यदि कोई हो) को दूर करने की शक्तियां निहित हैं और विनियम 54 के तहत इसे शिथिल करने की शक्तियां हैं। तद्नुसार, याचिकाकर्ता माननीय आयोग से किशनगंगा पावर स्टेशन के संबंध में जीएसटी के कार्यान्वयन के कारण भुगतान किए गए अतिरिक्त कर की प्रतिवादी से प्रतिपूर्ति की अनुमति देने के लिए अनुरोध करता है।

28. परियोजना की विशेष विशेषता (डैम टो पावर हाउस - 2.40 मेगावाट):

इस परियोजना के निर्माण के दौरान पाकिस्तान सरकार के साथ पर्यावरणीय प्रभाव पर एक विवाद हुआ था जिसके लिए मामला अंतर्राष्ट्रीय मध्यस्थता न्यायालय को भेजा गया था। मामले की लंबी सुनवाई के बाद, अंतर्राष्ट्रीय न्यायालय ने याचिकाकर्ता को पाकिस्तान के हितों की रक्षा के लिए किशनगंगा बांध के बहाव में 9 क्यूमेक पानी की न्यूनतम पर्यावरणीय रिहाई सुनिश्चित करने का निर्देश दिया। किशनगंगा एचईपी के डैम टो में लगातार डिस्चार्ज के 9 क्यूमेक की उपलब्धता और लगभग 29 मीटर के सकल शीर्ष के साथ, 2.40 मेगावाट की स्थापित क्षमता और 12.97 एमयू की वार्षिक डिजाइन ऊर्जा वाली एक छोटी जल विद्युत परियोजना की परिकल्पना की गई है। डैम टो पावर हाउस पर सीईए से तकनीकी मंजूरी की प्रति **अनुबंध-VI** के रूप में दी गई है। इन उत्पादन इकाइयों की अनुमानित लागत

32.50 करोड़ रुपये है जो किशनगंगा एचईपी की संशोधित परियोजना लागत का हिस्सा है। तद्नुसार इस कार्य को टैरिफ अवधि 2019-24 के दौरान आस्थगित कार्यों की सूची में दर्शाया गया है।

इन उत्पादन इकाइयों से बांध स्थल पर सहायक खपत आवश्यकताओं के साथ-साथ स्थानीय क्षेत्र को बिजली प्रदान करने की अपेक्षा की जाती है। उल्लेखनीय है कि परियोजना का बांध जम्मू-कश्मीर राज्य की गुरेज घाटी में स्थित है जहां ग्रिड कनेक्टिविटी उपलब्ध नहीं है। सर्दियों के मौसम में घाटी लगभग 6 महीने तक आसपास से कटी रहती है।

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

वर्ष	**राशि (रुपये में)**	**यूटीआर सं.**	
2017-18	2,01,600	SBIN618018576287	2018-19 की अवधि के लिए लागू शुल्क 14,52,000 रुपये है। 2017-18 के दौरान भुगतान किए गए अतिरिक्त शुल्क को 2018-19 के दौरान समायोजित किया गया है।
2018-19	12,50,400	SBIN718116392141	
कुल	**14,52,000**		

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

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

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

32. यह शुल्क प्रस्ताव साझेदारी के तहत पीजीसीआईएल, पोसोको/एनएलडीसी को भुगतान किया जाने वाला पारेषण/संचार/यूएलडीसी प्रभार और सीईआरसी (आरएलडीसी और अन्य संबंधित मामलों के शुल्क और प्रभार) विनियम, 2009 के तहत आरएलडीसी शुल्क और प्रभार के अतिरिक्त है। ये प्रभार, व्यवहार्य होने पर, सीईआरसी शुल्क विनियम 2014 के नियम 43 और 52(2)(क) के अनुसार सीधे लाभार्थी से वसूले जाएंगे।

33. जम्मू और कश्मीर सरकार को जल उपयोग शुल्क की देयता:

जम्मू और कश्मीर राज्य जल संसाधन नियामक प्राधिकरण द्वारा जल संसाधन (विनियमन और प्रबंधन) अधिनियम, 2010 के अनुसरण में दिनांक 22.12.2014 के आदेश संख्या 89/JKSWRRA के तहत अधिसूचित किया गया है कि जलविद्युत संयंत्रों को राज्य जल संसाधन विभाग को जल उपयोग शुल्क का भुगतान करना होगा। सीईआरसी टैरिफ विनियम, 2014 के विनियम 31(8) के अनुरूप महीने दर महीने आधार पर उत्पादन स्टेशनों से बिजली की आपूर्ति के अनुपात में लाभार्थियों द्वारा अतिरिक्त ऊर्जा शुल्क के रूप में शुल्क देय हैं। इसके अलावा, लाइसेंस शुल्क का भुगतान किया जाना है एवं राज्य जल संसाधन विकास प्राधिकरण को भी सीईआरसी टैरिफ विनियम, 2014 के विनियम 52(2)(सी) के अनुसार प्रतिवादियों लाइसेंस शुल्क सीधे वसूली योग्य है। तदनुसार, माननीय आयोग से अनुरोध है कि याचिकाकर्ता को प्रतिवादियों को बिल प्रस्तुत करने की अनुमति दी जाए जो भुगतान राज्य सरकार को किए जाते हैं।

34.इसके अलावा, विनियम 8 (2) (ए) (iii) और (iv) के अनुसार, उत्पादन स्टेशन सहायक ऊर्जा खपत (एयूएक्स) और ऋण के पुनर्वित्त जैसे नियंत्रणीय मानकों के प्रदर्शन के आधार पर टैरिफ को सही करेगा।

क. 2014-19 के लिए वास्तविक सहायक (Auxiliary) **ऊर्जा उपभोग पर आधारित शुल्क की तस्दीक :**

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

मानक	2018-19
मानक सहायक उपभोग (%)	1.2
वास्तविक सहायक उपभोग (%)	0.9
बिक्री योग्य डिजाइन ऊर्जा (एमयू)	1022.77
बिक्री योग्य निर्धारित ऊर्जा (एमयू)	388.70

उपर्युक्त तालिका से स्पष्ट है कि वर्ष 2018-19 की अवधि के दौरान वास्तविक सहायक ऊर्जा उपभोग, मानक सहायक ऊर्जा उपभोग से कम है लेकिन बिक्री योग्य निर्धारित ऊर्जा भी बिक्री योग्य डिजाइन ऊर्जा से कम है। इसलिए, सीईआरसी टैरिफ विनियम, 2014 के विनियम 8(6)(ii) में निर्धारित प्रक्रिया के अनुसार कोई शुद्ध लाभ नहीं हुआ है। वास्तविक सहायक खपत के समर्थन में 2018-19 का वार्षिक ऊर्जा बिल संदर्भ के लिए अनुबंध-XIII में संलग्न है। तदनुसार, सहायक खपत के कारण शुद्ध लाभ शून्य है।

ख. ऋण के पुनर्वित्त के आधार पर शुल्क की तस्दीक:

नियम 8(2)(ए) (iv) के अनुसार उत्पादन केंद्र ऋण के पुनर्वित्त के आधार पर शुल्क की तस्दीक करेगा। चूंकि ऋण का कोई पुनर्वित्त वित्त नहीं किया गया है , इसलिए ऋण पुनर्वित्त के आधार पर निवल लाभ शून्य है।

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

1. सीईआरसी शुल्क विनियम 2019 के नियम 9(2), 10(1) और 12 के अनुसार आवेदक को 2019-24 की अवधि के लिए शुल्क आवेदन और 2018-19 की अवधि के लिए तस्दीक आवेदन सौंपना है। सीईआरसी शुल्क विनियम 2019 के नियम (2) और 12 के संबंधित अंश यहां दिए गए हैं :

"9 शुल्क निर्धारण के लिए आवेदन

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(2)वर्तमान उत्पादन या इसकी इकाई या पारेषण प्रणाली या इसके घटक के मामले में पहले से स्वीकृत अतिरिक्त पूंजी व्यय सहित 31.03.2019 तक की स्वीकृत पूंजी लागत (या तो वास्तविक या अनुमानित अतिरिक्त पूंजी व्यय पर आधारित) और सीईआरसी (शुल्क, शर्त और नियम) विनियम, 2014 के अनुसार 2019-24 की शुल्क अवधि के वर्षों के लिए अनुमानित अतिरिक्त पूंजी व्यय 2014-19 की अवधि के लिए ट्रू अप पिटीशन के साथ के आधार पर उत्पादन कम्पनी या ट्रांसमिशन लाइसेंस धारक या जैसी भी स्थिति हो, द्वारा 31.10.2019 तक आवेदन दिया जाना है।

"12. 2014-19 की अवधि के लिए शुल्क की तस्दीक

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

सीईआरसी शुल्क विनियम 2019 के नियम 10(1) के अनुसार आवेदनकर्ता को 2019-24 की अवधि के लिए अनुमानित अतिरिक्त पूंजी व्यय के साथ संबंधित फार्म (शुल्क नियम के साथ अनुलग्नक - I के साथ संलग्न) (भाग -2) के अनुसार आवेदन देना है।

2. 2018-19 की अवधि के लिए टैरिफ की ट्रू-अप, प्रासंगिक टैरिफ फॉर्मों और अनुलग्नकों के साथ, इस याचिका के साथ भाग-ए के तहत संलग्न हैं।

3. चूंकि किशनगंगा की कट-ऑफ तिथि 31.03.2021 है और पैरा-22 (भाग-ए) में माननीय आयोग से अनुरोध किया गया है कि कटऑफ तिथि को 31.03.2024 तक बढ़ा दी जाए। इसलिए, सीईआरसी टैरिफ विनियम, 2019 के विनियम 24,25 और 26 के प्रावधानों के तहत 2019-24 की अवधि के लिए अनुमानित अतिरिक्त सीमा का दावा किया जा रहा है जो निम्नानुसार है:

"24. मूल दायरे के भीतर और कट-ऑफ तिथि तक अतिरिक्त पूंजीकरण:

(1) एक नई परियोजना या एक मौजूदा परियोजना के संबंध में अतिरिक्त पूंजीगत व्यय, जो काम के मूल दायरे के भीतर, व्यावसायिक संचालन की तारीख के बाद और कट-ऑफ तारीख तक, निम्नलिखित मामलों में हो सकता है विवेकपूर्ण जांच के अधीन आयोग द्वारा स्वीकार किया जाएगा:

(ए) भविष्य की तारीख में देय होने के लिए मान्यता प्राप्त गैर-मुक्त देयताएं;

(बी) निष्पादन के लिए स्थगित कार्य;

(सी) काम के मूल दायरे के भीतर प्रारंभिक पूंजी पुर्जों की खरीद, में इन विनियमों के विनियम 23 के प्रावधानों के अनुसार;

(डी) मध्यस्थता के पुरस्कार को पूरा करने या निर्देशों के अनुपालन के लिए दायित्व या किसी वैधानिक प्राधिकरण का आदेश या किसी न्यायालय का आदेश या डिक्री;

(ई) कानून में बदलाव या किसी मौजूदा कानून का अनुपालन; और

(च) अप्रत्याशित घटनाएँ:

बशर्ते कि परिसंपत्तियों के किसी भी प्रतिस्थापन के मामले में, अतिरिक्त पूंजीकरण की गणना सकल अचल संपत्तियों और डी-कैपिटलाइजेशन के कारण प्रतिस्थापित परिसंपत्तियों के संचयी मूल्यह्रास को समायोजित करने के बाद की जाएगी।

(2) उत्पादन कंपनी या पारेषण अनुज्ञप्तिधारी, जैसा भी मामला हो, कार्य के मूल दायरे में शामिल परिसंपत्तिवार/कार्यवार कार्यों का ब्योरा, व्यय के अनुमानों के साथ, भविष्य की तारीख में देय होने के लिए मान्यता प्राप्त देनदारियों को स्थगित कार्य निष्पादन के साथ रखना ।

"25. मूल दायरे के भीतर और कट-ऑफ तिथि के बाद अतिरिक्त पूंजीकरण:

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(2) कट-ऑफ तिथि के बाद मौजूदा परियोजना के मूल दायरे के तहत तैनात परिसंपत्तियों के प्रतिस्थापन के मामले में, आयोग द्वारा सकल अचल संपत्तियों और संचयी मूल्यह्रास में आवश्यक समायोजन करने के बाद, अतिरिक्त पूंजीकरण को स्वीकार किया जा सकता है, निम्नलिखित आधारों पर विवेक की जाँच:

ए. परिसंपत्तियों का उपयोगी जीवन परियोजना के उपयोगी जीवन के अनुरूप नहीं है और इन विनियमों के प्रावधानों के अनुसार ऐसी संपत्ति का पूरी तरह से मूल्यह्रास किया गया है;

बी. कानून में बदलाव या अप्रत्याशित घटना की स्थिति में संपत्ति या उपकरण का प्रतिस्थापन आवश्यक है;

सी. प्रौद्योगिकी के अप्रचलन के कारण ऐसी संपत्ति या उपकरण का प्रतिस्थापन आवश्यक है; और

डी. ऐसी संपत्ति या उपकरण के प्रतिस्थापन को आयोग द्वारा अन्यथा अनुमति दी गई है। ”

“26. मूल दायरे से परे अतिरिक्त पूंजीकरण:

(1) मौजूदा उत्पादन केंद्र या संचार प्रणाली सहित पारेषण प्रणाली के संदर्भ में मूल दायरे से अलग हट कर निम्नलिखित कारणों से किया गया या किया जाने वाला अनुमानित पूंजीगत व्यय आयोग द्वारा समुचित जांच के आधार पर स्वीकार्य होगा:

ए. मध्यस्थता या वैधानिक अधिकरण के आदेश या निर्देश, या किसी अदालत के निर्णय या आदेश के अनुपालन के लिए देयताएं;

बी. नियम या किसी मौजूदा नियम के अनुपालन में बदलाव;

सी. अप्रत्याशित घटनाएँ;

डी. भारत सरकार के समुचित तंत्र या राष्ट्रीय या आंतरिक सुरक्षा के लिए उत्तरदायी वैधानिक अधिकरणों के निर्देश या परामर्श के अनुसार संयंत्र की अधिक सुरक्षा की आवश्यकता;

ई. अलग अलग स्थितियों में कार्य के मूल दायरे के अतिरिक्त राख निपटान प्रणाली से संबंधित बकाया कार्य:

संचालन और रख रखाव व्यय के अंतर्गत यदि किसी व्यय का दावा जीर्णोद्धार और आधुनिकीकरण या मरम्मत और रख रखाव के तहत किया गया है, तो इस नियम के तहत इसका दावा फिर नहीं किया जा सकता।;

***एफ.** ताप उत्पादन केंद्रों में मल जल उपचार संयंत्र से जल का उपयोग*

(2) उत्पादन कंपनी या ट्रांसमिशन लाइसेंसधारी की संपत्ति के डी-कैपिटलाइज़ेशन के मामले में, जैसा भी मामला हो, डी-कैपिटलाइज़ेशन की तारीख को ऐसी संपत्ति की मूल लागत को सकल अचल संपत्ति और संबंधित ऋण के मूल्य से घटाया जाएगा। साथ ही इक्विटी को बकाया ऋण से घटाया जाएगा और जिस वर्ष इसे पूंजीकृत किया गया था, उस वर्ष को ध्यान में रखते हुए इक्विटी को क्रमशः संचयी मूल्यह्रास और ऋण के संचयी पुनर्भुगतान में समायोजन किया जाएगा।

4. 31.03.2019 को अंतिम पूंजी लागत रु. 575500.02 लाख का ट्रूइंग अप याचिका (पार्ट-ए) के आधार पर दिनांक 01.04.2019 को टैरिफ अवधि 2019-24 के लिए टैरिफ की गणना के लिए प्रारंभिक पूंजी लागत के रूप में किया गया है।

5. जैसा कि पैरा-22 (भाग-ए) में उल्लेख किया गया है कि मूल कार्यक्षेत्र के आस्थगित कार्यों को मूल कटऑफ तिथि अर्थात 31.03.2018 के भीतर पूरा नहीं किया जा सका। इसलिए, पैरा-ए के पैरा-22 में एक विस्तृत प्रस्ताव प्रस्तुत किया गया है। तदनुसार, आस्थगित कार्यों को परियोजना की कटऑफ तिथि 31.03.2024 मानते हुए अनुमानित किया गया है।

6. इस याचिका में विचार की गई टैरिफ अवधि 2019-24 के लिए अनुमानित पूंजीगत व्यय का विवरण **अनुबंध-II के फॉर्म-9ए** में दिया गया है। वही नीचे सारणीबद्ध है:

राशि (रुपये में)

क्र सं	**विवरण**	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**2023-24**
क	वर्ष/अवधि के दौरान योग	1958.18	6237.16	4810.47	7216.48	6239.72
ख	घटाएं: वर्ष/अवधि के	0.00	0.00	0.00	0.00	0.00

	दौरान निकाली गई पूंजी					
ग	जोड़ें: वर्ष/अवधि के दौरान अदायगी	3812.51	6038.15	14.40	0.00	0.00
घ	**निवल योग (ए-बी+सी)**	**5770.69**	**12275.31**	**4824.87**	**7216.48**	**6239.72**

7. <u>पूंजी लागत :</u>

उपरोक्त अनुमानित अतिरिक्त पूंजीकरण और 575500.02 लाख रुपये (01.04.2019 को) की आरंभिक पूंजी लागत पर विचार करते हुए शुल्क की गणना के लिए वर्ष वार पूंजी लागत इस प्रकार है:

राशि (रुपये में)

विवरण	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**2023-24**
आरंभिक पूंजी लागत	575500.02	581270.71	593546.02	598370.89	605587.37
वर्ष के दौरान निवल अतिरिक्त पूंजी	5770.69	12275.31	4824.87	7216.48	6239.72
अंतिम पूंजी लागत	581270.71	593546.02	598370.89	605587.37	611827.09

8. <u>वार्षिक तय शुल्क की संगणना (एएफसी)</u>:

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

<u>क. इक्विटी पर रिटर्न (आरओई):</u>

क. किशनगंगा स्टेशन पूर्ण रूप से एक लघु जलाशय के साथ ROR स्कीम है, इक्विटी पर रिटर्न की गणना के लिए आधार दर, 31.03.2019 तक कुल पूंजी व्यय का 16.5 प्रतिशत रखा गया है, और अतिरिक्त पूंजी व्यय (नियम में परिवर्तन और मदों के बदलाव के कारण, माननीय आयोग से स्वीकृत और सीईआरसी शुल्क विनियम 2019 के नियम 25(2) के तहत दावा किए गए

अतिरिक्त पूंजी को छोड़कर) के लिए संबंधित वर्षों में व्यवहार्य औसत ब्याज दर, शुल्क विनियम 2019 के नियम 30(2) के अनुसार होंगे जो 1.04.2019 से प्रभावी होंगे।

ख. बिंदु 'ए' पर विचार किया गया आरओई की आधार दर सीईआरसी टैरिफ विनियमन'2019 के विनियम-31(1) के अनुरूप 01.04.2019 को प्रचलित मैट दर के साथ जोड़ दी गई है, जिसे बाद में 'प्रभावी कर' के दर के आधार पर तस्दीक (ट्रूअप) किया जाएगा।

<u>ख. मूल्यह्रास :</u>

याचिकाकर्ता ने याचिका संख्या 43/जीटी/2018 में पहली इकाई के सीओडी से शुरुआती 10 वर्षों के दौरान 1.5% की दर से मूल्यह्रास की कम दर को अपनाया है और इसे माननीय आयोग द्वारा दिनांक 28.10.2019 के आदेश द्वारा स्वीकार किया गया है। इसलिए, याचिकाकर्ता ने 2019-24 की अवधि के लिए टैरिफ की गणना के लिए समान मूल्यह्रास दर पर विचार किया है।

<u>ग. ऋण पर ब्याज :</u>

वास्तविक ऋण पोर्टफोलियो के आधार पर भारित औसत ब्याज दरों को सीईआरसी टैरिफ विनियम 2019 के विनियम 32 के अनुरूप 2019-24 की अवधि के दौरान ऋण पर ब्याज की गणना के लिए माना गया है।

<u>घ. संचालन और रख रखाव व्यय:</u>

टैरिफ अवधि 2019-24 हेतु किशनगंगा के लिए लागू ओ एंड एम व्यय को माननीय आयोग द्वारा सीईआरसी (टैरिफ के नियम और शर्तें) विनियम, 2019 के विनियम 35 (2) के तहत पहले ही अधिसूचित किया जा चुका है, जो कि अवधी 18.05.2018 से 31.03.2019 के वास्तविक ओ एंड एम पर आधारित है। सीईआरसी (शुल्क नियम और शर्तें) विनियम 2019 के नियम 35(2) के संबंधित अंश निम्नानुसार हैं;

"35संचालन और रख रखाव व्यय:

(2) पन बिजली उत्पादन केंद्र :

(ए)……..

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

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(बी) 1.4.2019 को तीन साल की अवधि पूरी नहीं करने वाले हाइड्रो उत्पादन स्टेशनों के मामले में, 2019-20 के लिए संचालन और रखरखाव खर्च लागू संचालन और रखरखाव खर्च पर 4.77% की वृद्धि दर लागू करके निकाला जाएगा। 31.03.2019 तक। टैरिफ अवधि के बाद के वर्षों के लिए संचालन और रखरखाव व्यय 4.77% प्रति वर्ष की वृद्धि दर लागू करके निकाला जाएगा।

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

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

2018-19 के दौरान पूरे वर्ष के ओ एंड एम व्यय को परियोजना लागत के @ 2% की दर से अर्थात रु 11894.10 लाख पाया गया है जो कि 2019-24 की अवधि के लिए ओ एंड एम व्यय का निर्धारण करने के लिए प्रयोग किया गया है । सीईआरसी टैरिफ विनियम'2019 के विनियम 35(2)(सी) के अनुसार, 2018-19 की अवधि के लिए पूरे वर्ष के ओ एंड एम व्यय को 2019-24 की अवधि के लिए ओ एंड एम व्यय की गणना के लिए 4.77% प्रति वर्ष की दर से बढ़ा दिया गया है।

राशि (लाख रुपये में)

विवरण	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**2023-24**
संचालन और रख-रखाव व्यय **(क)**	12461.45	13055.86	13678.62	14331.09	15014.69
वेतन संशोधन का असर**-(ख)**	1705.97	1787.34	1872.60	1961.92	2055.50
जीएसटी का असर	769.26	805.96	844.40	884.68	926.88

(ग)					
कुल संचालन और रख रखाव व्यय (क+ख+ग)	**14936.68**	**15649.16**	**16395.62**	**17177.69**	**17997.07**

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

राशि (लाख रुपये में)

वर्ष	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**2023-24**
अनुमानित सुरक्षा व्यय	7177.87	7520.25	7878.97	8254.80	8648.55

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

ड़. कार्यशील पूंजी पर ब्याज

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

9. किशनगंगा के संदर्भ में 01.04.2019 से 31.03.2014 की अवधि के लिए वार्षिक तय शुल्क (एएफसी) की गणना केंद्रीय विद्युत विनियामक आयोग (शुल्क नियम और शर्तें) विनियम 2019 के आधार पर इस प्रकार है : (संदर्भ: **अनुलग्नक -II का फॉर्म-1** देखें)

राशि (रुपये में)

एएफसी घटक	**2019-20**	**2020-21**	**2021-22**	**2022-23**	**2023-24**
ह्रास	8675.78	8811.13	8939.38	9029.69	9130.61
ऋण पर ब्याज	5323.76	4969.19	4869.12	4742.54	4470.54
इक्विटी पर रिटर्न	34690.98	35232.17	35744.99	36106.11	36509.65

कार्यशील पूंजी पर ब्याज	1604.34	1650.27	1701.51	1751.49	1802.21
संचालन और रख रखाव व्यय	14936.68	15649.16	16395.62	17177.69	17997.07
एएफसी	**65231.53**	**66311.91**	**67650.62**	**68807.52**	**69910.07**

10. फाइलिंग शुल्क की वर्ष 2019-20 (टैरिफ अवधि 2019-24 के प्रथम वर्ष) हेतु शुल्क राशि सीईआरसी (शुल्क का भुगतान) विनियम, 2012 की शर्तें के अनुसार रु 12, 49,118/- (2018-19 के दौरान भुगतान की गई 202882/- रुपये की अतिरिक्त राशि को समायोजित करने के बाद) को पहले ही यूटीआर नंबर SBIN के माध्यम से इलेक्ट्रॉनिक रूप से स्थानांतरित कर दिया गया है और इसके बारे में सीईआरसी को पहले ही पत्र दि.29.04.2019 द्वारा सूचित किया जा चुका है(अनुबंध-XII)। इसके अलावा, टैरिफ अवधि 2019-24 के शेष वर्षों के संबंध में फाइलिंग शुल्क याचिकाकर्ता द्वारा संबंधित वर्ष के 30 अप्रैल तक प्रेषित किया जाएगा। तदनुसार, माननीय आयोग से अनुरोध है कि सीईआरसी टैरिफ विनियम'2019 के विनियम 70(1) के अनुरूप लाभार्थी से प्रतिपूर्ति फाइलिंग शुल्क की अनुमति दी जाए।

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

12. उपरोक्त शुल्क प्रस्ताव सहायक उपभोग या पानी, बिजली, पारेषण, पर्यावरण संरक्षण, बिजली/ऊर्जा की बिक्री या आपूर्ति और/या उत्पादन केंद्र और/या पारेषण प्रणाली से जुड़े किसी प्रतिष्ठान सहित किसी अन्य प्रकार के उपभोग के लिए बिजली उत्पादन पर सरकारी (केंद्रीय/राज्य) और/या कोई अन्य स्थानीय निकाय/ प्राधिकरण/नियामक

अधिकरण द्वारा लगाए जाने वाले किसी भी प्रकार के वैधानिक कर, लेवी, शुल्क, उपकर या किसी अन्य प्रभार से मुक्त होगा।

13. एनएचपीसी द्वारा देय करों /शुल्क/उपकर/लेवी इत्यादि की राशि संबंधित अधिकारियों को किसी भी महीने में उल्लिखित करों/शुल्क/उपकर/लेवी की राशि भुगतान योग्य होगी तथा उपरोक्त प्रभारों की राशि प्रतिवादी द्वारा वहन की जाएगी और यह राशि एनएचपीसी को प्रतिवादियों द्वारा अलग से भुगतान की जाएगी।

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

<u>प्रार्थना</u>

<u>भाग-ए: 2014-19 की अवधि के लिए प्रशुल्क का तस्दीक (ट्रुइंग अप)</u>

1. पैरा-12 (भाग-ए) में उल्लिखित समीक्षा याचिका के परिणाम के आधार पर टैरिफ की अनुमति देने की कृपा करें।

2. 18.05.2018 से 31.03.2019 की अवधि के लिए किशनगंगा पावर स्टेशन के टैरिफ को केंद्रीय विद्युत नियामक आयोग (टैरिफ के नियम और शर्तें) विनियम, 2014 के विनियम-8 के अनुसार संशोधित करने की कृपा करें।

3. परियोजना की कटऑफ तिथि को पैरा-22 (भाग-ए) में उल्लिखित मार्च'2024 तक बढ़ाने की कृपा करें।

4. उपरोक्त पैरा-21 (भाग-ए) में दावा किए गए शुद्ध अतिरिक्त पूंजीकरण की अनुमति प्रदान करें।

5. उपरोक्त **पैरा-24 (क) (भाग-ए)** में उल्लिखित अवधि के लिए 2018-19 के लिए 'प्रभावी कर' दर के आधार पर आरओई की सकल आय दर को सही करने की अनुमति प्रदान करें।

6. किशनगंगा पावर स्टेशन के वार्षिक नियत प्रभार (एएफसी) को संशोधित कर दिया गया है जो उपर्युक्त **पैरा -25 (भाग–ए)** में यथा उल्लिखित अवधि 18.05.2018 से 23.05.2018 एवं 24.05.2018 से 31.03.2018 के लिए **485.78 लाख रू., और रू 54694.73 लाख** है। गणना की गई एएफसी और 28.10.2019 के सीईआरसी के आदेश द्वारा अनुमत उसके बीच अंतर को सीईआरसी (प्रशुल्क की निबंधन और शर्तें) विनियमावली,2014 के विनियमन 8 (13) में निर्दिष्ट और उसके बाद संशोधित तरीके से प्रतिवादी से वसूल/उनको वापस करने की अनुमति देने की कृपा करें।

7. 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 -26 (भाग-ए)** में उल्लिखित है, करने की अनुमति देने की कृपा करें।

8. एनएचपीसी को उपर्युक्त **पैरा-30 से 32 (भाग-ए)** में उल्लिखित लैवी, कर, शुल्क, उप-कर, प्रभार, फीस आदि, यदि कोई हों, के बिल प्रतिवादी को प्रस्तुत करने की अनुमति देने की कृपा करें।

9. उपरोक्त **पैरा-34 (क)** (**भाग-ए**) में उल्लिखित, 2014-19 की अवधि के लिए वास्तविक सहायक खपत के आधार पर टैरिफ के तस्दीक (ट्रूइंग अप) करने की अनुमति देने की कृपा करें।

10. उपरोक्त पैरा-34 (ख) (**भाग-ए**) में उल्लिखित, 2014-19 की अवधि के लिए ऋण के पुनर्वित्त और लाभ के बंटवारे के आधार पर टैरिफ के तस्दीक करने (ट्रूइंग अप) की अनुमति देने की कृपा करें।

<u>भाग-बी: 2019-24 की अवधि के लिए टैरिफ याचिका</u>

11. 01.04.2019 से 31.03.2024 तक की अवधि के लिए किशनगंगा स्टेशन का प्रशुल्क 07.03.2019 को जारी केंद्रीय विद्युत विनियामक आयोग (प्रशुल्क की निबंधन और शर्तें), विनियमवाली,2019 के विनियम -9 (2) के साथ पठित विद्युत अधिनियम, 2003 की धारा 62 (1) (क) के तहत निर्धारित करने की कृपा करें।

12. मूल कार्यक्षेत्र के आस्थगित कार्यों जैसा कि **पैरा–5 (भाग–बी)** में उल्लिखित है को 31.03.2024 तक करने की अनुमति दें ।

13. पैरा-6 (भाग-बी) में दावा किए गए 2019-24 तक की अवधि के लिए शुद्ध अतिरिक्त पूंजीकरण की अनुमति देने की कृपा करें ।

14. **पैरा-8- घ** (**भाग-बी**) में उल्लिखित वेतन संशोधन और जीएसटी के कारण किए गए अतिरिक्त ओ एंड एम खर्चों के लिए अनुमति देने की कृपा करें ।

15. 2019-24 के दौरान लाभार्थियों से अनुमानित सुरक्षा व्यय जैसा कि पैरा-7 (घ) (**भाग-बी**) में उल्लिखित है को अलग से वसूल करने की अनुमति देने की कृपा करें ।

16. वित्तीय वर्ष 2019-24 की अवधि के लिए किशनगंगा पावर स्टेशन के वार्षिक नियत प्रभार (एएफसी) की गणना की गई है जो उपर्युक्त **पैरा-9 (भाग-बी**) में यथा उल्लिखित वित्तीय वर्ष 2019-20, 2020-21, 2021-22, 2022-23 और 2023-24 के लिए क्रमश: **65231.53 लाख रू., 66311.91 लाख रू., 67650.62 लाख रू., 68807.52 लाख रू. और 69910.07 लाख रू** है। गणना की गई एएफसी और 28.10.2019 (वित्तीय वर्ष 2018-19 की अवधि के लिए) के सीईआरसी के आदेश द्वारा अनुमत उसके बीच अंतर को सीईआरसी (प्रशुल्क की निबंधन और शर्तें) विनियमावली,2019 के विनियमन 10(7) में निर्दिष्ट और उसके बाद संशोधित तरीके से प्रतिवादी से वसूल/उनको वापस करने की अनुमति देने की कृपा करें।

17. **पैरा-10 (भाग-बी)** में उल्लिखित इस याचिका के दायर करने के शुल्क की प्रतिपूर्ति की अनुमति देने की कृपा करें।

18. **पैरा-11 (भाग-बी**) 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।

19. एनएचपीसी को **पैरा -12 से 14 (भाग-बी)** 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।

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

एनएचपीसी लिमिटेड
के माध्यम से

(एम जी गोखले)
महाप्रबंधक (वाणिज्यक)

स्थान: फरीदाबाद
दिनांक: 24.01.2020



BEFORE THE HON'BLE CENTRAL ELECTRICITY REGULATORY COMMISSION, NEW DELHI.

हरियाणा HARYANA 10AA 039787

Petition No. /GT/ 2019

IN THE MATTER OF:

Petition under 79(1) & 86 of the CERC (Conduct of Business), Regulations, 1999, Section 62(1)(a) of the Electricity Act, 2003 and Regulation 8 & 14, 25(3) of CERC (Terms and Conditions of Tariff) Regulations, 2014 for truing up of tariff for the period 2014-19 in respect of **Kishanganga Power Station.**

AND IN THE MATTER OF:

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, 24, 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 **Kishanganga Power Station**.

PETITIONER

NHPC Limited,
(A Govt. of India Enterprise)
NHPC Office Complex, Sector-33,
Faridabad (Haryana) - 121 003.

NOTARY
JOGINDER PAUL
ADVOCATE
DISTT. FARIDABAD
HARYANA (INDIA)
REGD. No.-2012
APPOINTED BY GOVT. OF INDIA

RESPONDENT:

The Principal Secretary,
Power Development Department,
New Secretariat,
Jammu – 180001 (J&K) & 2 Others

AFFIDAVIT VERIFYING THE PETITION

I, M G Gokhale S/o Late Sh. G D Gokhale aged 53 years working as General Manager (Commercial) in NHPC Limited, the applicant in the above matter do solemnly affirm and state as follows that:-

1. I am working as General Manager (Commercial) in NHPC Limited, and am well acquainted with the facts of the above matter.

2. The statements made in the petition herein are true to my knowledge and belief and are based on documents / records available and / or management's approval.

Solemnly affirmed at Faridabad on the day of ..24.. January, 2020 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed therefrom.

DEPONENT

IDENTIFIED BEFORE ME

IDENTIFIED THE DEPONENT
Executors His / Her Their
Signature / Thumbs / Impresion

NOTARY
JOGINDER PAUL
ADVOCATE
DIST. FARIDABAD
HARYANA (INDIA)
REGD. No.-2012
APPOINTED BY GOVT. OF INDIA

ATTESTED AS IDENTIFIED

Notary Faridabad (Haryana)

40
24 JAN 2020

एनएचपीसी लिमिटेड
(भारत सरकार का उद्यम)
NHPC Limited
(A Government of India Enterprise)

एक कदम स्वच्छता की ओर

फोन/Phone :

संदर्भ सं./Ref. No. NH/Comml./Tariff/315/2019

दिनांक/Date : 31.12.2019

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. Ravinder Raina, General Manager (Comml.)
2. Sh. Milind Ganesh Gokhale, General Manager (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.

NHPC LIMITED FARIDABAD

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Contd. 2/-

एन एच पी सी
NHPC

स्वच्छ भारत
एक कदम स्वच्छता की ओर

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.

(M.K. Mittal)
Director (Finance)
31.12.2019
एम. के. मित्तल / M. K. MITTAL
निदेशक (वित्त) / Director (Finance)
एन एच पी सी लिमिटेड / NHPC Limited
(भारत सरकार का उद्यम / A Govt. of India Enterprise)
सैक्टर–33, फरीदाबाद / Sector - 33, Faridabad

The Specimen signature of

Sh. Ravinder Raina

Sh. Milind Ganesh Gokhale

NHPC LIMITED
NHPC
FARIDABAD

(M.K. Mittal)
Director (Finance)
31.12.2019
एम. के. मित्तल / M. K. MITTAL
निदेशक (वित्त) / Director (Finance)
एन एच पी सी लिमिटेड / NHPC Limited
(भारत सरकार का उद्यम / A Govt. of India Enterprise)
सैक्टर–33, फरीदाबाद / Sector - 33, Faridabad

ANNEX-I

FORM- 1

Summary Sheet

Name of the Petitioner: NHPC Limited
Name of the Generating Station: Kishanganga Power Station
Place (Region/District/State): Bandipora / J&K

(Rs. in lakh)

Sl. No.	Particulars	2018-19	
		18.05.2018 to 23.05.2018	24.05.2018 to 31.03.2019
		1 unit	3 units
	No. of days:	6	312
1	2	3	4
1.1	Depreciation	2802.34	8560.72
1.2	Interest on Loan	10190.85	5599.08
1.3	Return on Equity[2]	11880.25	36292.30
1.4	Interest on Working Capital	713.75	1639.63
1.5	O & M Expenses	3964.70	11894.10
	Total AFC (annualized)	**29551.89**	**63985.82**
	Total AFC (Pro-rata)	**485.78**	**54694.73**
Note			
1. Details of calculation of O&M Expenses are given in **Annexure-I to Form 1.**			
2. Details of calculations, considering equity as per regulation is furnished at Form 1(II).			

For
M/s Arora Vohara & Co.
Chartered Accountants
(FRN No. 009487N)

(Ashwani Aggarwal)
M. No. 013833

UDIN : 20013833AAAAAD6187

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

Summary Sheet

Name of the Petitioner: NHPC Limited
Name of the Generating Station: Kishanganga Power Station
Place (Region/District/State): Bandipora / J&K

FORM- 1 (I) & 1(II)

Form-1(I) -Statement showing claimed capital cost:

Sl. No.	Particulars	2018-19	
		18.05.2018 to 23.05.2018	24.05.2018 to 31.03.2019
		1 unit	3 units
1	2	3	4
1	Opening Capital Cost *	186822.76	565928.76
2	Add: Addition during the year / period	0.00	5068.56
3	Less: Decapitalisation during the year / period	0.00	806.91
4	Less: Reversal during the year / period	0.00	0.00
5	Add: Discharges during the year / period	0.00	5309.61
6	**Closing Capital Cost**	**186822.76**	**575500.02**
7	**Average Capital Cost**	**186822.76**	**570714.39**

* Capital Cost Including Normative IDC

Form-1(II) -Statement showing Return on Equity:

Sl. No.	Particulars	2018-19	
		18.05.2018 to 23.05.2018	24.05.2018 to 31.03.2019
		1 unit	3 units
	No. of days:	6	312
1	2	3	4
1	Opening Equity	56046.83	169778.63
2	Add: Increase due to addition during the year / period	0.00	1520.57
3	Less: Decrease due to de-capitalisation during the year / period	0.00	242.07
4	Less: Decrease due to reversal during the year / period	0.00	0.00
5	Add: Increase due to discharges during the year / period	0.00	1592.88
6	**Closing Equity**	56046.83	172650.01
7	**Average Equity**	56046.83	171214.32
8	Rate of ROE	21.197%	21.197%
9	**Return on Equity (annualized)**	11880.25	36292.30
10	**Return on Equity (pro-rata)**	**195.29**	**31022.46**

For
M/s Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

Annexure-I to Form-1

Calculation of O & M Expenses

Name of the Petitioner: NHPC Limited

Name of the Generating Station: Kishanganga HEP

(Rs. in lakh)

A	**Capital Expenditure incurred on the works covered within original scope**	
(i)	Capital Cost as on COD (i.e. 24.05.2018) (Excluding Un-discharged liability)	565928.76
(ii)	Balance Works of Original Scope from COD to 31.03.2019 (Excluding Un-discharged liability) (after adjusting de-capitalisation)	4261.66
(ii) (a)	Balance Works of Original Scope during 2019-24 (Refer Form-9A for the period 2019-24)	26462.01
(ii) (b)	Discharge of Liability upto 31.03.2024 (Refer Form-16 for the period 2018-19 and 2019-24)	15174.66
	Capital Expenditure within original scope up to Cut-Off date	611827.09
(iv)	Less : R&R Expenses upto Cut off date (Ref Appendix -1)	17122.13
	Capital expenditure up to cut-off date for the purpose of O&M Expenses = (i)+(ii)+(iii)-(iv)	**594704.96**
B	**O&M Expnses as per Regulation 29(3)(d) of CERC Tariff Regulations, 2014**	
	O & M Expenses @ 2.5% p.a for 3 units (First full year)	**14867.62**
C	**O&M Expenses considered by NHPC**	
	O & M Expenses @ 2.0% p.a. for 3 units (First full year) **(N)**	**11894.10**
	Annual escalation (from second year after COD i.e. 2018-19) as per regulation 35(2)(C) of CERC Tariff Regulations'2019 **(Esc)**	4.77%

Sl. No.	Particulars	2018-19	
		18.05.2018 to 23.05.2018	24.05.2018 to 31.03.2019
		1 unit	3 units
	No. of days:	6	312
1	Annual Escalation	N	
2	O&M Expenses (annualized)	3964.70	11894.10
3	O&M Expenses (pro-rata)	65.17	10167.01

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

List of Deferred Works after COD

Name of the Petitioner : NHPC
Name of the Generating Station : Kisnaganga Pwer Station
COD : Unit-1 :- 18.05.2018, Unit-2 & Unit-3 :- 24.05.2018
For Financial Year : From 01.04.19 to 31.03.2021

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3	
1	GL	2	3	4	5=3-4	6	7
		2019-20					
A. Additional Capitalisation within original scope							
1	410301	Reimbursement of additional cost due to enhancement of Royalty	0.58	0.00	0.58	0.00	24 (1) (e)
2	410301	Reimbursement of additional cost due to enhancement of Toll Tax	7.92	0.00	7.92	0.00	24 (1) (e)
3	410301	Reimbursement of additional cost due to enhancement of VAT	8.82	0.00	8.82	0.00	24 (1) (e)
4	410301	Release of withheld amount against finalization of impact of GST on Civil work	10.67	0.00	10.67	0.00	24 (1) (e)
5	410301	Reimbursement of premium paid against CAR policy for the extended period	17.19	0.00	17.19	0.00	24 (1) (e)
6	410301	Balance civil work (including escalation)	63.00	0.00	63.00	0.00	24 (1) (b)
7	410303	Reimbursement of additional cost due to enhancement of Royalty	0.07	0.00	0.07	0.00	24 (1) (e)
8	410303	Reimbursement of additional cost due to enhancement of Toll Tax	0.95	0.00	0.95	0.00	24 (1) (e)
9	410303	Reimbursement of additional cost due to enhancement of VAT	1.06	0.00	1.06	0.00	24 (1) (e)
10	410303	Release of withheld amount against finalization of impact of GST on Civil work	1.29	0.00	1.29	0.00	24 (1) (e)
11	410303	Reimbursement of premium paid against CAR policy for the extended period	2.07	0.00	2.07	0.00	24 (1) (e)
12	410321	construction of permanent field hostel building I/c water supply and sanitary works at nhpc colony Karalpora, Bandipora	2.50	0.00	2.50	0.00	24 (1) (b)
14	410601	Reimbursement of additional cost due to enhancement of Royalty	1.11	0.00	1.11	0.00	24 (1) (e)
15	410601	Reimbursement of additional cost due to enhancement of Toll Tax	15.28	0.00	15.28	0.00	24 (1) (e)
16	410601	Reimbursement of additional cost due to enhancement of VAT	17.00	0.00	17.00	0.00	24 (1) (e)
17	410601	Release of withheld amount against finalization of impact of GST on Civil work	20.57	0.00	20.57	0.00	24 (1) (e)
18	410601	Reimbursement of premium paid against CAR policy for the extended period	33.14	0.00	33.14	0.00	24 (1) (e)
19	410604	Reimbursement of additional cost due to enhancement of Royalty	7.09	0.00	7.09	0.00	24 (1) (e)
20	410604	Release of withheld amount against finalization of impact of GST on Civil work	31.50	0.00	31.50	0.00	24 (1) (e)
21	410604	Reimbursement of additional cost due to enhancement of Toll Tax	47.64	0.00	47.64	0.00	24 (1) (e)
22	410604	Reimbursement of additional cost due to enhancement of VAT	50.00	0.00	50.00	0.00	24 (1) (e)
23	410604	Reimbursement of premium paid against CAR policy for the extended period	100.00	0.00	100.00	0.00	24 (1) (e)
24	410607	Reimbursement of additional cost due to enhancement of Royalty	0.16	0.00	0.16	0.00	24 (1) (e)
25	410607	Reimbursement of additional cost due to enhancement of Toll Tax	2.21	0.00	2.21	0.00	24 (1) (e)
26	410607	Reimbursement of additional cost due to enhancement of VAT	2.46	0.00	2.46	0.00	24 (1) (e)
27	410607	Release of withheld amount against finalization of impact of GST on Civil work	2.97	0.00	2.97	0.00	24 (1) (e)

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3	
1	GL	2	3	4	5=3-4	6	7
28	410607	Reimbursement of premium paid against CAR policy for the extended period	4.79	0.00	4.79	0.00	24 (1) (e)
29	410608	HM Gate Off-Shore Supply	19.13	0.00	19.13	0.00	24 (1) (b)
31	411804	Purchase of Biometric Attendance Machine	0.69	0.00	0.69	0.00	24 (1) (b)
32	411804	EDP Equipment's (servers, routers, switches, fire wall items etc.)	5.00	0.00	5.00	0.00	24 (1) (b)
33	411805	Satellite communication equipment's	15.00	0.00	15.00	0.00	24 (1) (b)
34	411806	Net working devices	10.00	0.00	10.00	0.00	24 (1) (b)
36	412201	Software	5.00	0.00	5.00	0.00	24 (1) (b)
53	410701-410714	Balance E&M Works	1000.00	0.00	1000.00	0.00	24 (1) (b)
		B. Additional Capitalisation beyound original scope					
13	410328	Chain Link Fencing work at Dam site at left bank	40.00	0.00	40.00	0.00	26 (1) (d)
37	412502	Purchase of Flow meter	17.00	0.00	17.00	0.00	26 (1) (a)
35	411903	Walky talky	30.00	0.00	30.00	0.00	26 (1) (d)
30	411502	Bullet proof vehicles	65.00	0.00	65.00	0.00	26 (1) (d)
38	412503	DFMD	2.00	0.00	2.00	0.00	26 (1) (d)
39	412503	CCTV Cameras	2.32	0.00	2.32	0.00	26 (1) (d)
40	412503	Tyre Killer	3.00	0.00	3.00	0.00	26 (1) (d)
41	412503	Boom Barrier	4.00	0.00	4.00	0.00	26 (1) (d)
42	412503	Bomb basket	4.00	0.00	4.00	0.00	26 (1) (d)
43	412503	X-BIS Machine	10.00	0.00	10.00	0.00	26 (1) (d)
44	412503	CCTV	15.00	0.00	15.00	0.00	24 (1) (b)
45	412503	Explosive detector	15.00	0.00	15.00	0.00	26 (1) (d)
46	412503	Day vision Binoculars	15.00	0.00	15.00	0.00	26 (1) (d)
47	412503	Riot drill equipment's	15.00	0.00	15.00	0.00	26 (1) (d)
48	412503	360 PTZ Dome cameras with NVD	20.00	0.00	20.00	0.00	26 (1) (d)
49	412503	BR Helmets	20.00	0.00	20.00	0.00	26 (1) (d)
50	412503	BP Morcha	24.00	0.00	24.00	0.00	26 (1) (d)
51	412503	Night vision Binoculars with thermal imaging.	50.00	0.00	50.00	0.00	26 (1) (d)
52	412503	BR Jackets (Level-IV)	100.00	0.00	100.00	0.00	26 (1) (d)
Total Amount			**1958.18**	**0.00**	**1958.18**		

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3	
1	GL	2	3	4	5=3-4	6	7
	2020-21						
A. Additional Capital Expenditure within original scope							
1	410604.00	Reimbursement of additional cost due to enhancement of VAT	58.66	0.00	58.66	0.00	24 (1) (e)
2	410604.00	Reimbursement of additional cost due to enhancement of Toll Tax	50.00	0.00	50.00	0.00	24 (1) (e)
3	410604.00	Release of withheld amount against finalization of impact of GST on Civil work	100.00	0.00	100.00	0.00	24 (1) (e)
4	410604.00	Reimbursement of premium paid against CAR policy for the extended period	111.81	0.00	111.81	0.00	24 (1) (e)
5	410301.00	Reimbursement of additional cost due to enhancement of Royalty	0.26	0.00	0.26	0.00	24 (1) (e)
6	410303.00	Reimbursement of additional cost due to enhancement of Royalty	0.03	0.00	0.03	0.00	24 (1) (e)
7	410601.00	Reimbursement of additional cost due to enhancement of Royalty	0.49	0.00	0.49	0.00	24 (1) (e.)
8	410604.00	Reimbursement of additional cost due to enhancement of Royalty	3.15	0.00	3.15	0.00	24 (1) (e)
9	410607.00	Reimbursement of additional cost due to enhancement of Royalty	0.07	0.00	0.07	0.00	24 (1) (e)
10	414005.00	Balance work of PDE Contract (Euro converted to INR @Rs.78/-)	700.00	0.00	700.00	0.00	24 (1) (b)
11	410701-410714	Balance E&M Works	1000.00	0.00	1000.00	0.00	24 (1) (b)
12	411112.00	Submersible Dewatering pumps of capacity 7.5 HP, 5 Hp & 3 Hp along with starters and accessories for Power House.	46.00	0.00	46.00	0.00	24(1) (c)
13	412502.00	Purchase of test equipment (Thermo vision camera, Contact resistance measuring equipment, Leakage clamp meter, Standard accessories for Earth testing kit) for maintenance of Switchyard	20.00	0.00	20.00	0.00	24 (1) (b)
14	410710.00	Telecommunication equipment	36.00	0.00	36.00	0.00	24 (1) (d)
15	410712.00	Purchase of Lightening Arrestor (Three Sets)	17.00	0.00	17.00	0.00	24(1) (c)
16	410711.00	Purchase of spare current transformer	29.00	0.00	29.00	0.00	24 (1) (C)
17	410713.00	Brake Jack cylinder	3.00	0.00	3.00	0.00	Clause 24 (1) (C)
18	410714.00	Cooling water pump set	40.00	0.00	40.00	0.00	24 (1) (C)
19	410714.00	Purchase of NGR & NGT	7.00	0.00	7.00	0.00	24 (1) (C)
20	410714.00	Governor OPU pump motor sets for Power House.	25.00	0.00	25.00	0.00	Clause 24 (1) (C)
21	410714.00	Thyristor Bridge	15.00	0.00	15.00	0.00	Clause 24 (1) (C)
22	410713.00	Brake-jet assembly	9.60	0.00	9.60	0.00	24 (1) (C)
23	410713.00	Decompression valve	2.40	0.00	2.40	0.00	24 (1) (C)
24	410714.00	Purchase of Unit Auxiliary Transformer	20.00	0.00	20.00	0.00	Clause 24 (1) (C)
25	410608.00	Gate Erection	112.04	0.00	112.04	0.00	Clause 24 (1) (b)
26	410608.00	Gate Erection	83.74	0.00	83.74	0.00	Clause 24 (1) (b)
27	410608.00	Price variation	114.50	0.00	114.50	0.00	Clause 24 (1) (b)

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3	
1	GL	2	3	4	5=3-4	6	7
28	410608.00	SETC of Intake bulkhead Gate Dam toe Power house	15.87	0.00	15.87	0.00	Clause 24 (1) (b)
29	411002.00	SETC of 2 Nos. 625 KVA DG sets at Dam site, Gurez	110.00	0.00	110.00	0.00	Clause 24 (1) (b)
30	411118.00	Fork Lift 5T	26.00	0.00	26.00	0.00	Clause 24 (1) (b)
31	411109.00	Truck mounted crane 25T	55.00	0.00	55.00	0.00	Clause 24 (1) (b)
32	411101.00	Excavator(Hydraulic excavator/Loader cum excavator)	58.00	0.00	58.00	0.00	Clause 24 (1) (b)
33	411115.00	Compressors	5.00	0.00	5.00	0.00	Clause 24 (1) (b)
34.00	411109.00	Mobile (Hydra)	45.00	0.00	45.00	0.00	Clause 24 (1) (b)
35.00	411112.00	Dewatering Pumps - Dam	36.00	0.00	36.00	0.00	Clause 24 (1) (b)
36.00	411130.00	Snow Blower with cutter & Grinder	45.00	0.00	45.00	0.00	Clause 24 (1) (b)
37.00	411506.00	Ambulance	22.00	0.00	22.00	0.00	Clause 24 (1) (b)
38.00	411104.00	Tipper	43.00	0.00	43.00	0.00	Clause 24 (1) (b)
39.00	411508.00	Diesel Tanker / Water Tanker	35.00	0.00	35.00	0.00	Clause 24 (1) (b)
40.00	411109.00	Pick n carry crane 14T	51.00	0.00	51.00	0.00	Clause 24 (1) (b)
41.00	410201.00	Alternate road on right bank of the river at Dam site by BRO	300.00	0.00	300.00	0.00	Clause 24 (1) (b)
42.00	410201.00	Construction of internal road with side drains at nhpc colony Karalpora, Bandipora	100.00	0.00	100.00	0.00	Clause 24 (1) (b)
43.00	410328.00	Construction of permanent Boundary wall of Powerhouse area & gates.	150.00	0.00	150.00	0.00	Clause 24 (1) (b)
44.00	410325.00	Construction of block no. 1 to 6 (48 nos. qtrs.) permanent b-type residential accommodation i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	200.00	0.00	200.00	0.00	Clause 24 (1) (b)
45.00	410325.00	construction of permanent 24 nos. c-type residential quarters i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	66.00	0.00	66.00	0.00	Clause 24 (1) (b)
46.00	410325.00	construction of permanent 1 nos. E-spl-type residential quarters i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	120.00	0.00	120.00	0.00	Clause 24 (1) (b)
47.00	410421.00	Internal electrification for C/o Permanent residential buildings at township complex at Dawar. (Electrification)	20.00	0.00	20.00	0.00	Clause 24 (1) (b)
48.00	410325.00	**Construction of block no. 1 to 6 (48 nos. qtrs.) permanent b-type residential accommodation i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.**	**200.00**	**0.00**	**200.00**	0	Clause 24 (1) (b)
49.00	410305.00	**Acquisition and upgradation of E&M, HM & general stores at powerhouse area.**	**300.00**	**0.00**	**300.00**	0	**Clause 24 (1) (b)**
50.00	410326.00	Construction of barrack, offices/ shops / stores/ sewerage/ water system/ architecture/ land scrapping etc. for CISF, Project and others at Power House Area / surge shaft area for CISF unit at Kishanganga project	50.00	0.00	50.00	0.00	Clause 24 (1) (b)
51.00	410326.00	Construction of offices, barracks, sentry posts, strong room, guard room etc. for CISF & JKAP at Powerhouse, switchyard, TBM & surge shaft areas & STP.	25.00	0.00	25.00	0.00	Clause 24 (1) (b)
52.00	410305.00	Watch Tower at Dam site	22.00	0.00	22.00	0.00	Clause 24 (1) (b)
53.00	410305.00	Acquiring of structures from M/s HCC	16.63	0.00	16.63	0.00	Clause 24 (1) (b)

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ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3	
1	GL	2	3	4	5=3-4	6	7
54.00	410904.00	Electrification (works of Distribution of Power Supply from 33/0.4 KV Sub Station to office cum Residential Complex through cable trench, underground table and Feeder Pillar)	141.00	0.00	141.00	0.00	Clause 24 (1) (b)
55.00	410905.00	Electrification (like Post Lamp, Park light, Street & Road Light, Cable, cable trenches & feeder pillars etc.	50.00	0.00	50.00	0.00	Clause 24 (1) (b)
57.00	411805.00	Satellite communication equipment's	10.00	0.00	10.00	0.00	24 (1) (b)
58.00	411804.00	EDP Equipment's (servers, routers, switches, fire wall items etc.)	5.00	0.00	5.00	0.00	Clause 24 (1) (b)
59.00	411806.00	Net working devices	5.00	0.00	5.00	0.00	Clause 24 (1) (b)
60.00	412503.00	CCTV	85.00	0.00	85.00	0.00	Clause 24 (1) (b)
61.00	412201.00	Software	5.00	0.00	5.00	0	Clause 24 (1) (b)
62.00	412005.00	Providing Hospital equipment's	20.00	0.00	20.00	0.00	Clause 24 (1) (b)
63.00	411202.00	Construction of external sewerage lines for residential & non - residential buildings at nhpc colony Karalpora,	30.00	0.00	30.00	0.00	Clause 24 1) (b)
64.00	411202.00	Sewage treatment plant including construction of civil works at nhpc colony Karalpora, Bandipora .	50.00	0.00	50.00	0.00	Clause 24 (1) (b)
65.00	412008.00	Air Conditioners	40.00	0.00	40.00	0.00	Clause 24 (1) (b)
66.00	412007.00	Transit Hostel/ Guest House Equipment's	25.00	0.00	25.00	0.00	Clause 24 (1) (b)
67.00	411707.00	Furnishing and equipping or rest houses and field hostels of officers and staff	100.00	0.00	100.00	0.00	Clause 24 (1) (b)
68.00	411701.00	Office Furniture	50.00	0.00	50.00	0.00	Clause 24 (1) (b)
69.00	411705.00	Purchase of furniture and other articles for labour welfare centers, and clubs	30.00	0.00	30.00	0.00	Clause 24 (1) (b)
70.00	412003.00	Photo copier	8.00	0.00	8.00	0.00	Clause 24 (1) (b)
71.00	411801.00	Computer	45.00	0.00	45.00	0.00	Clause 24 (1) (b)
72.00	411903.00	Interior communication equipment's	39.00	0.00	39.00	0.00	Clause 24 (1) (b)
73.00	412501.00	Miscellaneous Sound system/Projector	10.00	0.00	10.00	0.00	Clause 24 (1) (b)
74.00	411803.00	Printer	15.00	0.00	15.00	0.00	Clause 24 (1) (b)
75.00	923901.00	Catchment Area Treatment Plan	40.00	0.00	40.00	0.00	Clause 24 (1) (b)
76.00	923901.00	Provision of Free fuel Wood & Energy Conservation Measures	63.80	0.00	63.80	0.00	Clause 24 (1) (b)
77.00	923901.00	Relocation and Re-habitation of Dumping material	300.00	0.00	300.00	0.00	Clause 24 (1) (b)
B. Additional Capital Expenditure beyound original scope							
56.00	411903.00	Walky talky	20.00	0.00	20.00	0.00	26 (1) (d)
78.00	0.00	Construction retaining walls and taking up of other protection works around Dam	25.00	0.00	25.00	0.00	26(1)(d)
79.00	412503.00	Boom Barrier	4.00	0.00	4.00	0.00	26 (1) (d)
80.00	412503.00	DFMD	2.00	0.00	2.00	0.00	26 (1) (d)
81.00	412503.00	Tyre Killer	1.50	0.00	1.50	0.00	26 (1) (d)
82.00	412503.00	BP Morcha	16.00	0.00	16.00	0.00	26 (1) (d)
83.00	412503.00	Explosive detector	10.00	0.00	10.00	0.00	26 (1) (d)
84.00	412503.00	X-BIS Machine	10.00	0.00	10.00	0.00	26 (1) (d)
85.00	412503.00	Day vision Binoculars	5.47	0.00	5.47	0.00	26 (1) (d)
86.00	412503.00	Night vision Binoculars with thermal imaging.	50.00	0.00	50.00	0.00	26 (1) (d)
87.00	412503.00	360 PTZ Dome cameras with NVD	15.40	0.00	15.40	0.00	26 (1) (d)
88.00	412503.00	CCTV Cameras	2.00	0.00	2.00	0.00	26 (1) (d)
89.00	412503.00	Riot drill equipment's	11.52	0.00	11.52	0.00	26 (1) (d)

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3	
1	GL	2	3	4	5=3-4	6	7
90.00	412503.00	Bomb basket	2.23	0.00	2.23	0.00	26 (1) (d)
91.00	412503.00	BR Jackets (Level-IV)	100.00	0.00	100.00	0.00	26 (1) (d)
92.00	412503.00	BR Helmets	19.00	0.00	19.00	0.00	26 (1) (d)
93.00	411502.00	Bullet proof vehicles	55.00	0.00	55.00	0.00	26 (1) (d)
TOTAL			6237.16	0.00	6237.16		
2021-22							
A. Additional Capital Expenditure within original scope							
1	414005	Balance work of PDE Contract (Euro converted to INR @Rs.78/-)	364	0	364	0.00	Clause 25 (1)
2	410701-410714	Balance E&M Works	710	0	710	0.00	Clause 25 (1)
3	410201	Alternate road on right bank of the river at Dam site by BRO	600	0	600	0.00	Clause 25 (1)
4	410201	Construction of internal road with side drains at nhpc colony Karalpora, Bandipora	200	0	200	0.00	Clause 25 (1)
5	410328	Construction of permanent Boundary wall of Powerhouse area & gates.	150	0	150	0.00	Clause 25 (1)
6	410325	Construction of block no. 1 to 6 (48 nos. qtrs.) permanent b-type residential accommodation i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	300	0	300	0.00	Clause 25 (1)
7	410425	D-Type residential Quarters at NHPC Colony, Karalpora (Electrification)	40	0	40	0.00	Clause 25 (1)
8	410325	construction of permanent10 nos. d-type residential quarters i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	150	0	150	0.00	Clause 25 (1)
9	410425	E-Special Type residential Quarters at NHPC Colony, Karalpora (Electrification)	26	0	26	0.00	Clause 25 (1)
10	410421	Internal electrification for C/o Permanent residential buildings at township complex at Dawar. (Electrification)	40	0	40	0.00	Clause 25 (1)
11	410325	C/o Permanent residential buildings at township complex at Dawar.	300	0	300	0.00	Clause 25 (1)
12	410328	construction of permanent security office building i/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora.	300	0	300	0.00	Clause 25 (1)
13	410326	Construction of barrack, offices/ shops / stores/ sewerage/ water system/ architecture/ land scrapping etc. for CISF, Project and others at Power House Area / surge shaft area for CISF unit at Kishanganga project	50	0	50	0.00	Clause 25 (1)
14	410326	Construction of offices, barracks, sentry posts, strong room, guard room etc. for CISF & JKAP at Powerhouse, switchyard, TBM & surge shaft areas & STP.	40	0	40	0.00	Clause 25 (1)
15	410328	C/o Permanent Non residential buildings (Office, bunker) at township complex at Dawar.	150	0	150	0.00	Clause 25 (1)
16	410328	C/o Non residential buildings (Electrical shed, Diesel shed, Civil Store, club) at township complex at Dawar.	50	0	50	0.00	Clause 25 (1)
17	410905	Electrification (like Post Lamp, Park light, Street & Road Light, Cable, cable trenches & feeder pillars etc.	100	0	100	0.00	Clause 25 (1)
18	412503	Construction of fire hydrant system for residential & non - residential buildings at nhpc colony Karalpora, Bandipora .	50	0	50	0.00	Clause 25 (1)
19	411201	Construction of external water supply system including overhead water tank for residential & non - residential buildings at nhpc colony Karalpora, Bandipora and the adjoining areas. .	200	0	200	0.00	Clause 25 (1)
20	411202	Construction of external sewerage lines for residential & non - residential buildings at nhpc colony Karalpora, Bandipora .	50	0	50	0.00	Clause 25 (1)

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3	
1	GL	2	3	4	5=3-4	6	7
21	411201	Construction of storm water drainage system for residential & non - residential buildings at nhpc colony Karalpora, Bandipora .	20	0	20	0.00	Clause 25 (1)
22	923901	Catchment Area Treatment Plan	85	0	85	0.00	Clause 25 (1)
23	923901	Public Health Delivery System	62	0	62	0.00	Clause 25 (1)
24	923901	Relocation and Re-habitation of Dumping material	500	0	500	0.00	Clause 25 (1)
25	923901	Creation of Green Belt along the reservoir	30	0	30	0.00	Clause 25 (1)
26	923901	Landscaping and restoration of Construction Areas	83	0	83	0.00	Clause 25 (1)
B. Additional Capital Expenditure beyound original scope							
27	410326	Construction retaining walls and taking up of other protection works around Dam	25	0	25	0.00	26(1)(d)
28	412503	Explosive detector	10	0	10	0.00	26 (1) (d)
29	412503	X-BIS Machine	5	0	5	0.00	26 (1) (d)
30	412503	Night vision Binoculars with thermal Imaging.	31	0	31	0.00	26 (1) (d)
31	412503	BR Jackets (Level-IV)	89	0	89	0.00	26 (1) (d)
Total Amount			4810	0	4810		
A. Additional Capital Expenditure within original scope							
1	410201	Alternate road on right bank of the river at Dam site by BRO	800.00	-	800.00	-	Clause 25 (1)
2	410201	Construction of internal road with side drains at nhpc colony Karalpora, Bandipora	100.00	-	100.00	-	Clause 25 (1)
3	410328	Construction of permanent Boundary wall of Powerhouse area & gates.	126.00	-	126.00	-	Clause 25 (1)
4	410325	Construction of block no. 1 to 6 (48 nos. qtrs.) permanent b-type residential accommodation l/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	300.00	-	300.00	-	Clause 25 (1)
5	410325	construction of permanent10 nos. d-type residential quarters l/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	150.00	-	150.00	-	Clause 25 (1)
6	410421	Internal electrification for C/o Permanent residential buildings at township complex at Dawar. (Electrification)	40.00	-	40.00	-	Clause 25 (1)
7	410325	C/o Permanent residential buildings at township complex at Dawar.	300.00	-	300.00	-	Clause 25 (1)
8	410304	construction of permanent administrative / office building l/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora	293.00	-	293.00	-	Clause 25 (1)
9	410323	construction of hospital building l/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora	220.00	-	220.00	-	Clause 25 (1)
10	410328	construction of permanent check post building l/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora.	44.00	-	44.00	-	Clause 25 (1)
11	410328	construction of permanent telephone exchange building l/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	50.00	-	50.00	-	Clause 25 (1)
12	410328	construction of permanent fire station building l/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora.	105.00	-	105.00	-	Clause 25 (1)

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3	
1	GL	2	3	4	5=3-4	6	7
13	410326	Construction of barrack, offices/ shops / stores/ sewerage/ water system/ architecture/ land scrapping etc. for CISF, Project and others at Power House Area / surge shaft area for CISF unit at Kishanganga project	50.00	-	50.00	-	Clause 25 (1)
14	410326	Construction of offices, barracks, sentry posts, strong room, guard room etc. for CISF & JKAP at Powerhouse, switchyard, TBM & surge shaft areas & STP.	35.00	-	35.00	-	Clause 25 (1)
15	410328	C/o Permanent Non residential buildings (Office, bunker) at township complex at Dawar.	50.00	-	50.00	-	Clause 25 (1)
16	410328	C/o Non residential buildings (Electrical shed, Diesel shed, Civil Store, club) at township complex at Dawar.	50.00	-	50.00	-	Clause 25 (1)
17	412503	Construction of fire hydrant system for residential & non - residential buildings at nhpc colony Karalpora, Bandipora .	30.00	-	30.00	-	Clause 25 (1)
18	412005	Providing Hospital equipment's	42.00	-	42.00	-	Clause 25 (1)
19	411201	Construction of external water supply system including overhead water tank for residential & non - residential buildings at nhpc colony Karalpora, Bandipora and the adjoining areas. .	150.00	-	150.00	-	Clause 25 (1)
20	411201	Construction of storm water drainage system for residential & non - residential buildings at nhpc colony Karalpora, Bandipora .	50.00	-	50.00	-	Clause 25 (1)
21	923901	Fisheries Management Plan	200.00	-	200.00	-	Clause 25 (1)
22	923901	Public Health Delivery System	62.00	-	62.00	-	Clause 25 (1)
23	923901	Solid Waste Management	40.00	-	40.00	-	Clause 25 (1)
24	923901	Relocation and Re-habitation of Dumping material	500.00	-	500.00	-	Clause 25 (1)
25	923901	Creation of Green Belt along the reservoir	30.00	-	30.00	-	Clause 25 (1)
26	923901	Landscaping and restoration of Construction Areas	100.00	-	100.00	-	Clause 25 (1)
27	923901	Impact area treatment (Streamlining and Training works of Bonar and Madhumati Nallah including flood protection works)	1987.00	-	1987.00	-	Clause 25 (1)
28	410111	Land Acquisition	300.00	-	300.00	-	Clause 25 (1)
29	0	Construction of Dam toe Power House	1000.00	-	1000.00	-	Clause 25 (1)
B. Additional Capital Expenditure beyound original scope							
30	412503	Explosive detector	7.48	-	7.48	-	Clause 26 (1) (d)
31	412503	X-BIS Machine	5.00	-	5.00	-	Clause 26 (1) (d)
Total Amount			**7216.48**	**0.00**	**7216.48**		

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3	
1	GL	2	3	4	5=3-4	6	7
A. Additional Capital Expenditure within original scope							
1	412503	SETC of HSD Storage Tank 400KL at Dam site, Gurez	300	0	300	0	Clause 25 (1)
2	410201	Alternate road on right bank of the river at Dam site by BRO	600	0	600	0	Clause 25 (1)
3	410201	Construction of internal road with side drains at nhpc colony Karalpora, Bandipora	100	0	100	0	Clause 25 (1)
4	410425	B-Type residential Quarters at NHPC Colony, Karalpora (Electrification)	60.5	0	60.5	0	Clause 25 (1)
5	410325	Construction of block no. 1 to 6 (48 nos. qtrs.) permanent b-type residential accommodation i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	300	0	300	0	Clause 25 (1)
6	410325	construction of permanent10 nos. d-type residential quarters i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	100	0	100	0	Clause 25 (1)
7	410325	C/o Permanent residential buildings at township complex at Dawar.	100	0	100	0	Clause 25 (1)
8	410322	construction of school building i/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora.	290	0	290	0	Clause 25 (1)
9	410328	construction of permanent community center building i/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora.	122	0	122	0	Clause 25 (1)
10	410328	construction of permanent telephone exchange building i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	13	0	13	0	Clause 25 (1)
11	410328	construction of permanent shopping center building i/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora.	300	0	300	0	Clause 25 (1)
12	410328	construction of permanent co-operative store building i/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora.	200	0	200	0	Clause 25 (1)
13	410329	Landscape works (Construction of children park and welfare centre) at nhpc colony Karalpora, Bandipora .	150	0	150	0	Clause 25 (1)
14	411201	Construction of storm water drainage system for residential & non - residential buildings at nhpc colony Karalpora, Bandipora .	50	0	50	0	Clause 25 (1)
15	923901	Biodiversity Conservation Plan	75	0	75	0	Clause 25 (1)
16	923901	Fisheries Management Plan	255	0	255	0	Clause 25 (1)
17	923901	Public Health Delivery System	62	0	62	0	Clause 25 (1)
18	923901	Solid Waste Management	50	0	50	0	Clause 25 (1)
19	923901	Relocation and Re-habitation of Dumping material	468	0	468	0	Clause 25 (1)
20	410111	Land Acquisition	390	0	390	0	Clause 25 (1)
21	0	Construction of Dam toe Power House	2250	0	2250	0	Clause 25 (1)
B. Additional Capital Expenditure beyound original scope							
22	412503	X-BIS Machine	4.22	0	4.22	0	Clause 26 (1) (d)
Total Amount			6239.72	0	6239.72		

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

Appendix-2

Name of the Generating Station: Kishanganga Power Station

Payment Made under R&R Plan upto COD (24.05.2018)							
S No	Major Head	Nature of Expenditure	Name of the Village/Area	Amount In INR (Lakhs)	Voucher No	Date	Remarks
1	Local Area Development Plan (Development of infrastructure and basic amenities around the project area)	Repair of HT/LT network in District. Bandipora	Bandipora	423.00	NB-2012000321	13-07-12	
2		Construction of 50 bedded Maternity / Gynae Hospital	Bandipora	400.00	NB-2012000321	13-07-12	
3		Development of Infrastructure in terms of roads/lanes /drains/parks/ street lights and revision of extension of PHE network etc.	District Bandipora	258.58	NB-2013000489	30-07-13	
4		Development of Water Supply Scheme for the villages adjoining the Power House Area (Kralpora)	Bandipora	50.00	NB-2010000511	03-12-10	
5		Development of sports stadium at Gurez	Gurez Bandipora	200.00	NB-2013000489	30-07-13	
		Sub Total (A)		**1331.58**			
6	Released for disbursement under R&R Plan	Released for disbursement under R&R Plan Payment I	District Bandipora	4500.00	NB-2011001376	28-03-12	
7		Released for disbursement under R&R Plan Payment II		600.00	NB-2013000938	01-11-13	
		Released for disbursement under R&R Plan Payment II		60.00	NB-2013000981	13-11-13	
8		Released for disbursement under R&R Plan Payment III		1.50	NB-2013001493	22-02-14	
9		Released for disbursement under R&R Plan Payment IV		3700.00	NB-2017000372	21-06-17	
10		Released for disbursement under R&R Plan Payment V		6.54	CVP-2017000441	15-02-18	
		Sub Total (B)		**8868.04**			
11	Cost of Establishment for land acquisition and rehabilitation	Purchase of tools for dismantling of Structures coming under submergence - R&R Works Payment I	District Bandipora	1.19	NB-2017000240	31-05-17	
12		Purchase of tools for dismantling of Structures coming under submergence - R&R Works Payment II	District Bandipora	0.14	NB-2017000742	14-09-17	
13		Purchase of chain saw cutter for cutting of trees coming under submergence- R&R Works	District Bandipora	0.76	NB-2017000178 and NB-2017000451	15-05-2017 and 06-07-2017	
14	Cost of Establishment for land acquisition and rehabilitation	Removal/shifting of felled saplings from the island coming under submergence area of KGHEP to stocking site of Rev. Deptt. at Gurez- R&R Works	District Bandipora	2.10	NB-2017000710	07-09-17	
15		Hiring of boat charges for work of shifting of felled saplings from the island coming under submergence area of KGHEP to stocking site of Rev. Deptt. at Gurez- R&R Works (Including GST)	District Bandipora	3.42	NB-2017000897	12-10-17	
16		Execution of the work of extraction of saplings from island- R&R Works (Repair of chain saw cutter ,purchase of chains/blade & Petrol for running the cutter,Transportatio	District Bandipora	0.50	NB-2017000405 and NC-2017000011	29-06-17	
		Sub Total (C)		**8.10**			
		Total Expenditure Made under R&R D = (A+B+C) till COD		**10207.72**			
Payment Made under R&R Plan after COD							
17	Released for disbursement under R&R Plan	Released for disbursement under R&R Plan Payment VI	District Bandipora	2886.88	21.02.2019		
		Total Expenditure Made under R&R (E) after COD 24.05.2018		**2886.88**			
Balance Payment to be Made under R&R Plan							
18	Release for disbursement under R&R Plan	Release for disbursement under R&R Plan Payment VII (In Plan)	District Bandipora	2500.00	Expected to be released in year 2019-20		
19		Release for disbursement under R&R Plan Payment VIII (In Plan)	District Bandipora	1400.00	Expected to be released in year 2020-21		
20		Final Payment to be Released for disbursement under R&R Plan Payment IX (In Plan)	District Bandipora	127.53	Expected to be released in year 2021-22		
		Total Ependiture to be Made to DC Bandipora Under R&R Plan		**4027.525100**			
21		**TOTAL R&R EXPENDITURE**		**17122.130000**			

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

Form-2

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: Kishanganga Power Station

Year Ending March

	Particulars	Unit	2017-18	2018-19	
	1	2	3	4	5
1	Installed Capacity	MW	330 MW		
2	Free power to home state*	%	13% (including 1% Local Area Development fund)		
3	Date of commercial operation (actual/anticipated)				
	Unit-1		18.05.2018		
	Unit-2		24.05.2018		
	Unit-3		24.05.2018		
4	Type of Station				
	a) Surface/underground		Underground		
	b) Purely ROR/ Pondage/Storage		ROR with pondage		
	c) Peaking/non-peaking		Peaking		
	d) No. of hours of peaking		Min. 3 Hrs. peaking (except few 10 daily periods in Dec & Jan).		
	e) Overload capacity(MW) & period		110% of rated output (363 MW), continous		
5	Type of excitation				
	a) Rotating exciters on generator				
	b) Static excitation		Static (Digital)		
6	Design Energy (Annual)[1]	GWh	1712.96 MU **		
7	Auxiliary Consumption including Transformation losses		1.20%		
8	Normative Plant Availability Factor (NAPAF)		90%**		
9.1	Maintenance 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%		
9.4	Tax Rate[2] (FY2017-18)	%	21.55%		
9.5	Effective Tax Rate[4]		22.16%		
9.6	SBI Base Rate + 350 basis points as on (01.04.2018)[3]	%	12.20%		

Note:

1. Month wise 10-day Design energy figures to be given separately with the petition. - Data furnished at Form-15A
2. Tax rate applicable to the company for the year FY 2013-14 should also be furnished.
3. Mention relevant date
4. Effective tax rate is to be computed in accordance with Regulation 25 i.e. actual tax (or advance tax)/gross income, where gross income refers the profit before tax.

** As per CERC order dtd. 07.08.2018 in petition no. 43/GT/2018

For
M/s Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM- 3

Salient Features of Hydroelectric Project

Name of the Petitioner: NHPC Limited
Name of the Generating Station: Kishanganga HEP

1. Location	
State/Distt.	Jammu & Kashmir, Distt.-Baramulla
River	Kishanganga
2. Diversion Tunnel	
Size, shape	9.5 m dia. Horseshoe
Length (M)	569m
3. Dam	
Type	CFRD
Maximum dam height (M)	37m
4. Spillway	
Type	Chute spillway
Crest level of spillway (M)	EL 2370.00
5. Reservoir	
Full Reservoir Level (FRL) (M)	EL 2390 m
Minimum Draw Down Level (MDDL) (M)	EL 2384.5 m
Live storage (MCM)	7.55 MCM
6. De-silting Chamber	
Type	Not provided
Number and Size	
Particle size to be removed (mm)	
7. Head Race Tunnel	
Size and type	6.24 m Horseshoe shape (DBM) (length 8490m) / 5.2 m dia, Circular (TBM) (length 14730 m)
Length (M)	23242 m
Design discharge (Cumecs)	58.40 Cum
8. Surge Shaft	
Type	Restricted orifice
Diameter (M)	17.75m
Height (M)	109.7m
9. Penstock/Pressure shafts	
Type	Steel lined partly inclined & partly horizontal
Diameter & Length (M)	Dia-4m circular, length - 1055 m
10. Power House	
Installed capacity (No of units x MW)	3x110
Type of turbine	Pelton Wheel
Rated Head (M)	646
Rated Discharge (Cumecs)	58.4
Head at Full Reservoir Level (M)	670.82
Head at Minimum Draw down Level (M)	665.32
MW Capability at FRL	330
MW Capability at MDDL	330
11. Tail Race Tunnel/Channel	
Diameter (M) , shape	5m Horse shoe shape
Length (M)	939 m
Minimum tail water level (M)	EL 1709.2 m
12. Switchyard	
Type of Switch gear	Outdoor, AIS
No. of generator bays	3
No. of Bus coupler bays	1
No. of line bays	4

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

For
M/s Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

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FORM- 4

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: Kishanganga HE Project

Exchange Rate at COD

Exchange Rate as on 31.3.2014

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

Not applicable. There are no foreign loans

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

For
M/s Arora Vohara & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM- 4A

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: Kishanganga HEP

Exchange Rate on date/s if infusion :

Sl.	Financial Year	Year 1				Year 2				Year 3 and so on			
	1	2	3	4	5	6	7	8	9	10	11	12	13
		Date	Amount (Foregin Currency)	Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin Currency)	Exchange Rate	Amount (Rs. Lakh)	Date	Amount (Foregin Currency)	Exchange Rate	Amount (Rs. Lakh)
	Currency1 [1]												
A 1	At the date of infusion [2]												
2													
3													
			Not applicable. No foreign equity deployed										
	Currency2 [1]												
A 1	At the date of infusion [2]												
2													
3													
	Currency3 [1]												
A 1	At the date of infusion [2]												
2													
3													
	Currency4 [1] & so on												
A 1	At the date of infusion [2]												
2													
3													

1. Name of the currency to be mentioned e.g. US$, DM, etc.
2. In case of equity infusion more than once during the year, Exchange rate at the date of each infusion to be given.

For
M/s Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

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For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM- 5

Abstract of Admitted Capital Cost for the existing Projects

Name of the Petitioner: NHPC Limited

Name of the Generating Station: Kishanganga Power Station

	Capital Cost as admitted by CERC	Rs. 533454.59 lakh
a)	**Capital cost admitted as on 24.05.2018**	As per order dated 28.10.2019 in petition no.43/GT/2018
	(Give reference of the relevant CERC Order with Petition No. & Date)	Not Applicable
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.)	
f)	Hedging cost, if any, considered for the admitted Capital cost (Rs Lakh)	
	Total Capital cost admitted (Rs. Lakh) (d+e+f)	**Rs. 533454.59 lakh**

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Limited

(M G Gokhale)
GM (Comml.)

FORM- 5A

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

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishangnaga Power Station
New Projects
Capital Cost Estimates (₹ in lakh)

Board of Director/ Agency approving the Capital cost estimates:	CCEA	
Date of approval of the Capital cost estimates:	14.01.2009	
	Present Day Cost	**Completed Cost**
Price level of approved estimates	September'2007 PL	May'18
Foreign Exchange rate considered for the Capital cost estimates		
Capital Cost excluding IDC, IEDC & FC		
Foreign Component, if any (In Million US $ or the relevant currency)		
Domestic Component (Rs. Lakh)	311764.00	429021.72
Capital cost excluding IDC, IEDC, FC, FERV & Hedging Cost (Rs. Lakh)	**311764**	**429021.72**
IDC, IEDC, FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US $ or the relevant currency)		
Domestic Component (Rs. Lakh)	52441.00	136907.04
Total IDC, IEDC, FC, FERV & Hedging Cost (Rs. Lakh)	**52441.00**	**136907.04**
Rate of taxes & duties considered		
Capital cost including IDC, IEDC, FC, FERV & Hedging Cost (Rs. Lakh)		
Foreign Component, if any (In Million US $ or the relevant currency)		
Domestic Component (Rs. lakh)	364205.00	565928.76
Capital cost including IDC, IEDC & FC (Rs. Lakh)	**364205.00**	**565928.76**
Schedule of Commissioning	**as per investment approval**	**Actual**
Scheduled COD of Unit-I	Nov"2015	18th May 2018
Scheduled COD of Unit-II	Dec'2015	24th May 2018
Scheduled COD of Unit-III	Jan'2016	24th May 2018
Scheduled COD of last Unit/Station	Jan'2016	24th May 2018

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
M/s Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM- 5B

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

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

(Amount in Lakh)

Sl. No.	Break Down	Original cost as approved by Authority / Investment Approval	Actual Capital Expenditure as on actual COD (24.05.2018)	Liabilities/ Provisions	Variation	Reason for Variation
1	2	3	4	5	6=3-(4+5)	7
1.0	**Infrastructure Works**					
1.1	Preliminary including Development	1113.00	1837.25	0.00	-724.25	
1.2	Land *	22563.00	39937.69	6809.26	-24183.95	
1.3	R&R Expenditure					
1.4	Buildings	6948.00	1738.70	121.87	5087.44	
1.5	Township (O-Mis)	4783.00	5073.87	239.96	-530.83	
1.6	Maintenance	276.00	347.17	0.00	-71.17	
1.7	Tools & Plants	753.00	299.23	2.47	451.30	
1.8	Communication	8007.00	3862.87	0.00	4144.13	
1.9	Environment & Ecology	4977.00	12619.20	117.39	-7759.59	
1.10	Losses on stock	324.00	0.00	0.00	324.00	
1.11	Receipt & Recoveries	-684.00	-1101.64	0.00	417.64	
1.12	**Total (Infrastructure works)**	**49060.00**	**64614.34**	**7290.94**	**-22845.28**	
2.0	**Major Civil Works**					
2.1	Dam, Intake & Desilting Chambers	192856.00	282538.42	964.48	-90646.90	**Explained in enclosed DIA report.**
2.2	HRT, TRT, Surge Shaft & Pressure shafts					
2.3	Power Plant civil works					
2.4	Other civil works switchyard					
2.5	**Total (Major Civil Works)**	**192856.00**	**282538.42**	**964.48**	**-90646.90**	
3.0	**Hydro Mechanical equipments**	**19976.00**	**26809.88**	**2018.21**	**-8852.09**	
4.0	**Plant & Equipment**	**48714.00**	**57752.02**	**4111.76**	**-13149.78**	
4.1	Initial spares of Plant & Equipment (included in above)		**2284.67**			
4.2	**Total (Plant & Equipment)**	**48714.00**	**60036.69**	**4111.76**	**-13149.78**	
5.0	**Taxes and Duties**					
5.1	Custom Duty					
5.2	Other taxes & Duties					
5.3	**Total Taxes & Duties**					
6.0	**Construction & Pre-commissioning expenses**					
6.1	Erection, testing & commissioning					
6.2	Construction Insurance					
6.3	Site supervision					
6.4	**Total (Const. & Pre-commissioning)**					
7.0	**Overheads**					
7.1	Establishment	14587.00	70154.88	203.87	-54097.76	
7.2	Audit & Accounts	1674.00				
7.3	Design & Engineering	11375.00	11720.04		-345.04	
7.4	capitalised value abatement of land revenue	697.00			697.00	
7.5	Contingency**	19258.00			19258.00	**Explained in enclosed DIA**
7.7	Misc.works (Security Charges)	5157.00	5492.97	500.79	-836.76	

ARORA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Sl. No.	Break Down	Original cost as approved by Authority / Investment Approval	Actual Capital Expenditure as on actual COD (24.05.2018)	Liabilities/ Provisions	Variation	Reason for Variation
1	2	3	4	5	6=3-(4+5)	7
7.8	**Total (Overheads)**	**52748.00**	**87367.90**	**704.67**	**-35324.56**	report.
8.0	**Capital Cost without IDC, FC, FERV & Hedging Cost**					
9.0	**IDC, FC, FERV & Hedging Cost**					
9.1	Interest During Construction (IDC)*	717.00	7737.44 #		-7020.44	
9.2	Financing Charges (FC)	135.00	19.56		115.44	
	Normative IDC		36804.52			
9.3	Foreign Exchange Rate Variation (FERV)	0.00			0.00	
9.4	Hedging Cost	0.00			0.00	
9.5	**Total of IDC, FC, FERV & Hedging Cost**	**852.00**	**44561.53**	**0.00**	**-6905.01**	
10.0	**Capital cost including IDC, FC, FERV & Hedging Cost#**	**364206.00**	**565928.76**	**15090.05**	**-177723.62**	

IDC figure **excludes** Rs. 2198.33 Lakh, which was capitalized in Books of Account as primarily notional impact of Ind AS on account of interest on Subordinate debt and effective interest on Security Deposit/Retention Money.

*Interest During Construction (IDC) as on COD includes Normative IDC (Refer Form-14).

Note:

1. 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.
2. 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.
3. 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.
4. 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.
5. A list of balance work assets/work wise including initial spare on original scope of works along with estimate shall be furnished positively.

For
M/s. Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM- 5C

Break-up of Capital Cost for Plant Equipment (New Project)

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

(Amount in Lakh)

Sl. No.	Break Down	Original cost as approved by Authority/ Investment Approval [1]	Cost on Actual/anticipated COD [1]	Variation	Reason for Variation *
1	2	3	4	5	6
1	Generator,Turbine & Accessories				
1.1	Generator package	8887.60	12135.74	3248.15	
1.2	Turbine package	11695.37	16248.65	4553.29	
1.3	Unit control Board	711.25	894.64	183.39	
1.4	C&I package	1548.25	2130.79	582.54	
1.5	Bus Duct of GT connection	1218.88	1749.65	530.77	
1.6	**Total (Generator, turbine & Accessories)**	24061.35	33159.48	9098.13	
2	Auxiliary Electrical Equipment				
2.1	Step up transformer	3987.80	4609.17	621.36	
2.2	Unit Auxiliary Transformer	0.00	0.00	0.00	
2.3	Local supply transformer	406.70	494.97	88.28	
2.4	Station transformer (Inc in 1.3)	0.00	0.00	0.00	
2.5	SCADA	3028.19	4266.69	1238.49	
2.6	Switchgear, Batteries, DC dist. Board	655.70	866.93	211.23	
2.7	Telecommunication equipment	149.07	177.28	28.21	
2.8	Illumination of Dam, PH and Switchyard	677.38	440.66	-236.72	
2.9	Cables & cable facilities, grounding	7665.49	10469.51	2804.02	
2.1	Diesel generating sets	511.75	609.34	97.59	
2.11	**Total (Auxiliary Elect. Equipment)**	17082.09	21934.55	4852.46	
3	Auxiliary equipment & services for power station				
3.1	EOT crane	1278.56	1571.62	293.06	
3.2	Other cranes	0.00	0.00	0.00	
3.3	Electric lifts & elevators	116.44	167.31	50.87	
3.4	Cooling water system	627.92	706.07	78.15	
3.5	Drainage & dewatering system (Inc. in 3.4)	0.00	0.00	0.00	Explained in Enclosed DIA Report
3.6	Fire fighting equipment	403.64	375.26	-28.37	
3.7	Air conditioning, ventilation and heating	958.22	1062.35	104.12	
3.8	Water supply system	0.00	0.00	0.00	
3.9	Oil handling equipment	220.85	228.64	7.79	
3.1	Workshop machines & equipment	655.54	908.11	252.56	
3.11	**Total (Auxiliary equipt. & services for PS)**	4261.17	5019.36	758.20	
4	**Switchyard package**	3093.40	4035.05	941.65	
5	**Hydro Mechanical equipments**	19976.00	28828.09	8852.09	
6	**Insurance**	216.00	Included in above		
7	**Initial spares for all above equipments (Included in above)**		2284.67		
8	**Total Cost (Plant & Equipment) excluding IDC, FC, FERV & Hedging Cost**	68690.00	92976.54	24502.53	
9	IDC, FC, FERV & Hedging Cost				
9.1	Interest During Construction (IDC)				
9.2	Financing Charges (FC)				
9.3	Foreign Exchange Rate Variation (FERV)				
9.4	Hedging Cost				
9.5	Total of IDC, FC, FERV & Hedging Cost				
10	**Total Cost (Plant & Equipment) including IDC, FC, FERV & Hedging Cost**	68690.00	92976.54	24502.53	

Note:

1. In case of cost variation, a detailed note giving reasons of such variation should be submitted clearly indicating whether such cost

For
M/s. Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM- 5D

Break-up of Construction/Supply/Service packages

Name of the Petitioner : NHPC
Name of the Generating Station : Kishanganga H.E. Project

1	Name/No. of Construction / Supply / Service Package	Package A	Package B	Package C	Package D	Total Cost of all packages
2	Scope of works[1] (in line with head of cost break-ups as applicable)	Planning, Design & Engineering	Civil Works including 10% Contingency	Supply of Hydro-Mechanical Plant & Machinery and Transportation, Storage, Erection, Testing & Commissioning of Hydro-Mechanical Plant & Machinery	Supply of Electro-Mechanical Plant & Machinery and Transportation, Storage, Erection, Testing & Commissioning of Electro-Mechanical Plant & Machinery	
3	Whether awarded through ICB/DCB/ Departmentally/Deposit Work	ICB	ICB	ICB	ICB	
4	No. of bids received	4	4	4	4	
5	Date of Award	22.01.2009	22.01.2009	22.01.2009	22.01.2009	
6	Date of Start of work	22.01.2009	22.01.2009	22.01.2009	22.01.2009	
7	Date of Completion of Work/Expected date of completion of work (COD)*	24-05-18	24-05-18	24-05-18	24-05-18	
8	Value of Award [2] in (Rs. Lakhs)	11,375.24	211,841.71	19,975.80	48,713.97	**291,906.72**
9	Firm or With Escalation in prices	With Escalation	With Escalation	With Escalation	With Escalation	
10	Actual capital expenditure till the completion or up to COD whichever is earlier(Rs. In Lakhs)	11800.82 #	294,627.15	29,440.76	64,564.34	**388,632.25**
11(a)	Taxes & Duties (Included in above)**					-
11(b)	IEDC (Rs. Lakh)		81,179.01	8,061.68	16,682.01	**105,922.70**
12	IDC, FC, FERV & Hedging cost (Rs. Lakh)		5,926.25	588.52	1,242.23	**7,757.00**
13	Sub -total (10+11+12) (Rs. Lakh)		**381,732.41**	**38,090.96**	**82,488.57**	**502,311.95**
		3.90	72.57	6.84	16.69	

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

* Date of Commerial operation of last unit has been considered date of completion of work for furnishing data in this sheet.

** Taxes and duties are included in Sl. No. 10.

\# Planning, Designing & Engineering charges has been allocated on Major assets though EDC

Ind AS interest amounting to Rs.2198.33 lacs has not been included in IDC above

For
M/s. Arora Vohara & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM- 5E (I)

In case there is cost over run

Name of the Petitioner : NHPC Limited

Name of the Generating Station : Kishanganga H.E project

(Amount in Lakh)

Sl. No.	Break Down	Original cost as approved by Board Members (Rs in Lakhs) (CCEA approved)	Actual /Estimated Cost as incurred/to be incurred (Rs Lakh)*	Difference	Reason for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost
1.0	**Cost of Land & Site Development**					
1.1	Land*	22563.00	47253.00	24690.00		NA
1.2	Rehabilitation & Resettlement (R&R)					
1.3	Preliminary Investigation & Site Development	1113.00	1871.00	758.00		
1.4	K-Buildings	6948.00	11593.00	4645.00		
1.5	M-Plantation	0.00	0.00	0.00		
1.6	O-Misc.	4783.00	7521.00	2738.00		
1.7	P- Maintenence	276.00	347.00	71.00		
1.8	Q-Tools and Plants	595.00	606.00	11.00		
1.9	R-Communication	8007.00	9036.00	1029.00		
2.0	X-Environment & Ecology	4977.00	19082.00	14105.00		
2.1	Y-Losses on stocks	324.00	0.00	-324.00		
	Sub Total	**49586.00**	**97309.00**	**47723.00**		
2.0	**Power Plant**					
2.1	Steam Generator Island	NA			NA	
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					
	Total BOP Mechanical					
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					
	Total BOP Electrical					
2.5	**Control & Instrumentation (C & I) Package**					
	Total Plant & Equipment excluding taxes & Duties					
3	**Initial Spares**					
4	**Generator, Turbine & accesries**					
4.1	Generator package	24061.35	34423.65	10362.30		
4.2	Turbine package					
4.3	C&I package					
4.4	Bus Duct of GT connection					

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Sl. No.	Break Down	Original cost as approved by Board Members (Rs in Lakhs) (CCEA approved)	Actual /Estimated Cost as Incurred/to be Incurred (Rs Lakh)*	Difference	Reason for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost
5	**Auxiliary Electrical Equipment**					
5.1	Step up transformer	17082.09	23953.28	6871.19		
5.2	Unit Auxiliary Transformer					
5.3	Station transformer					
5.4	SCADA					
5.5	Switchgear, Batteries, DC dist. Board					
5.6	Telecommunication equipment					
5.7	Illumination of Dam, PH and Switchyard					
5.8	Cables & cable facilities, grounding					
5.9	Diesel generating sets					
6.0	**Auxiliary equipment & services for power station**					
6.1	EOT crane	4261.17	6042.72	1781.55		
6.2	Electric lifts & elevators					
6.3	Cooling water system					
6.4	Drainage & dewatering system					
6.5	Fire fighting equipment					
6.6	Air conditioning, ventilation and heating					
6.7	Oil handling equipment					
6.8	Workshop machines & equipment					
7.0	**Switchyard package**	3309.40	4334.35	1024.95		
	Total Electrical Works	**48714.00**	**68754.00**	**20040.00**		
8	**Civil Works**					
8.1	Main plant/Adm. Building	NA				
8.2	CW system					
8.3	Cooling Towers					
8.4	DM water Plant					
8.5	Clarification plant					
8.6	Chlorination plant					
8.7	Fuel handling & Storage system					
8.8	Coal Handling Plant					
8.9	MGR &Marshalling Yard					
8.10	Ash Handling System					
8.11	Ash disposal area development					
8.12	Fire fighting System					
8.13	Township & Colony					
8.14	Temp. construction & enabling works					
8.15	Road & Drainage					
8.17	C-Power Dam and associated works	178137.23	283988.00	105850.77		
8.18	C-RCC Dam, Spillway, River diversion and associated works					
8.19	J-Power House and associated works	14718.67	426.00	-14292.67		
8.20	J-TRC and associated works					
8.21	J-Switchyard and associated works					
	Total Civil works	**192855.90**	**284414.00**	**91558.10**		

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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Sl. No.	Break Down	Original cost as approved by Board Members (Rs In Lakhs) (CCEA approved)	Actual /Estimated Cost as incurred/to be incurred (Rs Lakh)*	Difference	Reason for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost
9	**Hydro Mechanical Works**					
9.1	C-HM works	19976.00	29609.00	9633.00		
9.2	J-HM works			0.00		
	Total HM works	**19976.00**	**29609.00**	**9633.00**		
10	**Construction & Pre- Commissioning Expenses**	NA				
10.1	Erection Testing and commissioning					
10.2	Site supervision					
10.3	Operator's Training					
10.4	Construction Insurance					
10.5	Tools & Plant					
10.6	Start up fuel					
	Total Construction & Pre-Commissioning Expenses					
11	**Overheads**					
11.1	II-Establishment	14587.00	69351.00	54764.00		
11.2	III-Tools & Plants	158.00	0.00	-158.00		
11.3	IV-Suspense	0.00	0.00	0.00		
11.4	V-Reciept and recoveries (-)	-684	-1102	-418.00		
11.5	Design & Engineering	11375.24	13507.00	2131.76		
11.6	Audit & Accounts	1674.00	0.00	-1674.00		
11.7	Contingency	19258.39	0.00	-19258.39		
11.8	Misc.works (Securily Charges)	5157.00	5994.00	837.00		
11.9	capitalisedvlaue abatement of land revenue	697.00	0.00	-697.00		
	Total Overheads	**52222.63**	**87750.00**	**35527.37**		
12.0	**Capital cost excluding IDC & FC**	**363354.53**	**567836.00**	**204481.47**		
13.0	**IDC, FC, FERV &Hedging Cost**					
13.1	Interest During Construction (IDC)	717.00	7737.44 #	7020.44		
13.2	Financing Charges (FC)	135.00	19.56	-115.44		
13.3	Foreign Exchange Rate Variation (FERV)	NA				
13.4	Hedging Cost	NA				
	Total of IDC, FC,FERV & Hedging Cost	**852.00**	**7757.00**	**6905.00**		
9.0	**Capital cost including IDC, FC, FERV & Hedging Cost**	**364204.00**	**575593.00**	**211386.04**		

* Data is based on RCE at Completion cost of Rs. 5755.93 Crs duly vetted by CEA vide Letter No. NR/203/10/2019/HPA/212 to 215 dtd. 08.02.2019. The indicated figures are exclusive of Cost of Dam Toe PH amounting to Rs. 25.56 Crs, which was vetted by CEA but yet to be excuted by NHPC.

IDC figure excludes Rs. 2198.33 Lakh (which was capitalized in Books of Account as primarily notional impact of Ind AS on account of interest on Subordinate debt).

Note:Impact on account of each reason for Cost overrun is quantified and substantiated with necessary documents and supporting workings is explained in DIA report.

For
M/s. Arora Vohara & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM- 5E (ii)

In case there is time over run

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

S. No.	Description of Activity/Works/Service	Original Schedule (As per CCEA Approval / 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	Start Date	Completion Date	Days		
1	Diversion Arrangement							
i	Diversion tunnel works including river diversion	13-Aug-2009	12-Aug-2011	13-Sep-2009	21-Jun-2012	314		1 (ii) , 2, 3
ii	Coffer Dam U/s & D/s	13-Aug-2011	14-May-2012	31-Jul-2012	15-Oct-2013	519		2, 3
2	Cut-off wall	13-Sep-2011	10-Jun-2013	12-Nov-2013	10-Jan-2016	944		
3	CFRD							
	CFRD - Main Dam	18-Apr-2011	7-May-2015	1-Jun-2012	9-Oct-2016	521		
4	Spillway							
i	Excavation & concreting	18-Apr-2011	13-Oct-2013	18-Jun-2010	31-Oct-2017	1479		4 (ii) , 12
ii	Erection of stop log & radial gates	14-Oct-2013	14-Nov-2014	3-Nov-2014	12-Sep-2017	1033		12
5	Intake structure							
	Excavation & lining	18-Apr-2011	11-Jul-2013	10-Mar-2011	9-Jul-2017	1459		12
6	HRT - DBM reach							
i	Excavation	16-Sep-2010	20-Aug-2013	16-Apr-2010	16-Mar-2014	208		
ii	Lining	12-Sep-2014	28-Apr-2015	14-Oct-2013	15-Feb-2018	1024		
7	HRT - TBM reach							
	Boring & Lining incl. initial mobilization	23-Jun-2009	14-Jan-2015	21-May-2009	10-Jun-2014	-218		None
8	Surge Shaft							
i	Excavation & lining	16-Oct-2010	28-Apr-2014	16-Oct-2010	30-Nov-2015	581		
ii	Gate erection	29-Apr-2014	25-Oct-2014	30-Jun-2015	11-Dec-2017	1143		
9	Pressure Shaft							
i	Excavation	12-Aug-2010	23-Sep-2013	26-Mar-2011	31-Aug-2015	707		
ii	Liner erection & backfill	3-Apr-2012	5-Nov-2014	2-Feb-2015	20-Feb-2018	1203		
10	Power House						Explained in enclosed DIA Report	
i	Excavation including mobilization.	22-Aug-2009	1-Jun-2012	19-Jan-2010	30-Sep-2013	485.5		
ii	Service bay Concreting & E&M works	6-Feb-2012	14-Dec-2012	13-Apr-2013	30-Jun-2014	562.5		
11	Machine Hall Concreting & E&M works							
i	Unit-I							
	Concreting	2-Jun-2012	7-Jul-2014	17-Jan-2014	31-Aug-2015	419.5		
	E&M erection	10-Jul-2014	11-Mar-2015	31-Jul-2015	25-Jul-2017	866.5		12.0
ii	Unit-II							
	Concreting	2-Jul-2012	8-Aug-2014	10-Jan-2014	8-Jan-2016	517.5		
	E&M erection	9-Aug-2014	11-Apr-2015	15-Dec-2015	12-Dec-2017	975.5		
iii	Unit-III							
	Concreting	31-Jul-2012	9-Sep-2014	1-Mar-2014	31-May-2016	629.5		
	E&M erection	10-Sep-2014	9-May-2015	6-Jan-2016	18-Mar-2018	1043.5		
12	Final commissioning							
	Spinning, testing & commissioning							
i	Unit-I	16-Jul-2015	2-Sep-2015	1-Jun-2016	13-Mar-2018	923		
ii	Unit-II	20-Aug-2015	7-Oct-2015	1-Oct-2016	21-Mar-2018	896		
iii	Unit-III	26-Sep-2015	13-Nov-2015	31-Oct-2016	30-Mar-2018	868		
	Commercial Operation (COD)							
i	Unit-I	2-Sep-2015	21-Nov-2015	13-Mar-2018	18-May-2018	908.5		
ii	Unit-II	8-Oct-2015	21-Dec-2015	21-Mar-2018	24-May-2018	884.5		
iii	Unit-III	14-Nov-2015	21-Jan-2016	30-Mar-2018	24-May-2018	853.5		

Note:- As per Recommendation of DIA, the total time overrun is 862 days (Refer: Appendix 3 of Apprisal report)

For
M/s. Arora Vohara & Co.
Chartered Accountants

ARORA VOHRA & CO. FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

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FORM- 6

Financial Package upto COD (For Construction)

Name of the Company	**NHPC Limited**		
Name of the Power Station	**KISHANGANGA HE PROJECT**		
Project Cost as on COD(Rs.)	**529124** Lac	Debt	370387 Lac
Date of Commercial Operation of the Station	**24.05.2018**	Equity	158737 Lac

(Amount in lac)

	Financial Package as Amount[3]		Financial Package Amount[3]		As Admitted on Currency and	
1	2	3	4	5	6	7
FOREIGN LOAN				0		
CORPORATION BANK			INR	0		
SYNDICATE BANK			INR	0		
State Bank of India - 1000 Crores			INR	0		
State bank of Hyderabad			INR	0		
State Bank of India - 460 Crores			INR	0		
R3-SERIES BONDS			INR	900		
S2-SERIES BONDS			INR	5343		
T-SERIES BONDS			INR	723		
V-SERIES BONDS			INR	578		
V2-SERIES BONDS			INR	4626		
W1-SERIES BONDS			INR	1785		
W2-SERIES BONDS			INR	1447		
Subordinate Debt			INR	267667		
Total Loan				**283069**		
Equity			INR			
Domestic			INR	246055		
TOTAL EQUITY				**246055**		
Debt : Equity Ratio			53	47		

[1] Say Rs. 80 Cr. + US $ 200 m or Rs.1320 Cr. including US $200 m at an exchange rate of US $=Rs.62/-

[3] For example : US $, 200M etc.etc

	(Rs in Crores)
Capital cost excluding IDC,FC & Normative Intt	5364.57
IDC,FC& Hedging cost	77.57
Normative Intt	0.00
ERV on contractual payments	0
Primarily Notional Imapct of Ind AS on account of interest	0.00
Capital cost including IDC &FC	5442.14
Less: Liabilities to be discharged*	150.90
Net Capital Cost as on COD i.e. 24.05.2018	5291.24

For
M/s. Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM- 6

Financial Package upto COD (For O&M)

Name of the Company	**NHPC Limited**			
Name of the Power Station	**KISHANGANGA HE PROJECT**			
Project Cost as on COD(Rs.)	**565929** Lac	Debt	396150 Lac	
Date of Commercial Operation of the Station	**24.05.2018**	Equity	169779 Lac	

(Amount in lac)

	Financial Package as Amount[3]		Financial Package Amount[3]		As Admitted on Currency and	
1	2	3	4	5	6	7
FOREIGN LOAN				0		
CORPORATION BANK			INR	0		
SYNDICATE BANK			INR	0		
State Bank of India - 1000 Crores			INR	0		
State bank of Hyderabad			INR	0		
State Bank of India - 460 Crores			INR	0		
R3-SERIES BONDS			INR	900		
S2-SERIES BONDS			INR	5343		
T-SERIES BONDS			INR	723		
V-SERIES BONDS			INR	578		
V2-SERIES BONDS			INR	4626		
W1-SERIES BONDS			INR	1785		
W2-SERIES BONDS			INR	1447		
Subordinate Debt			INR	267667		
Excess Equity as Normative Loan			INR	113081		
Total Loan				**396150**		
Equity			INR			
Domestic			INR	169779		
TOTAL EQUITY				**169779**		
Debt : Equity Ratio			70	30		

[1] Say Rs. 80 Cr. + US $ 200 m or Rs.1320 Cr. including US $200 m at an exchange rate of US $=Rs.62/-

[3] For example : US $, 200M etc.etc

	(Rs in Crores)
Capital cost excluding IDC,FC & Normative Intt	5364.57
IDC,FC& Hedging cost	77.57
Normative Intt	368.05
ERV on contractual payments	0
Primarily Notional Imapct of Ind AS on account of interest	0.00
Capital cost including IDC &FC	5810.19
Less: Liabilities to be discharged*	150.90
Net Capital Cost as on COD i.e. 24.05.2018	5659.29

***Loan/Equity on 70:30 will be deployed for discharging the deferred liabilities of Rs 150.90 crore (Rs. 105.63 Cr as debt and Rs. 45.27 Cr as equity) after COD i.e. 24.05.2018.**

For
M/s. Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM-7

Details of Project Specific Loans

Name of the Company NHPC Limited
Name of the Power Station KISHANGANGA H E PROJECT

(Amount in lac)

Particulars	Package1	Package2	Package3	Package4	Package5	Package6
1	2	3	4	5	6	7
Source of Loan[1]	Subordinate Debt	*NORMATIVE LOAN				
Currency[2]	INR	INR				
Amount of Loan sanctioned	386016.00	123659.03				
Amount of Gross Loan drawn upto 31.03.2014/COD [3,4,5,13,15]	267667.00	113096.00				
Interest Type[6]	Fixed	Fixed				
Fixed Interest Rate, if applicable	1%	7.88%				
Base Rate, if Floating Interest[7]	N.A.	N.A.				
Margin, if Floating Interest[8]	N.A.	N.A.				
Are there any Caps/Floor[9]	N.A.	N.A.				
If above is yes,specify caps/floor	N.A.	N.A.				
Moratorium Period[10]	10 YEAR	6 MONTHS				
Moratorium effective from	24-05-18	24-05-18				
Repayment Period[11]	10 Years	12 YEARS				
Repayment effective from	24-05-29	24-11-18				
Repayment Frequency[12]	ANNUAL	HALF YEARLY				
Repayment Instalment[13,14]	38601.60	5152.46				
Base Exchange Rate[16]	NA	N.A.				
Are Foreign currency hedged?	NA	N.A.				
If above is yes,specify details.17	NA	N.A.				

*Balancing figure has been considered as Normative Loan w.e.f. 24.05.2018 at weighted average cost of debts of Kishanganga H.E. Project (Annualized rate 7.88%) for a period of 12 years. Further debt portion add cap has been considered to be financed through internal resources.

[1] Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC

[2] Currency refers to currency of loan such as US$, DM, Yen,Indian Rupee etc.

[3] Details are to be submitted as on 31.03.2014 for existing assets and as on COD for the remaining assets.

[4] Where the loan has been refinanced, details in the Form is to be given for the loan refinaced. However, the details of the original loan is to be given seperately in the same form.

[5] 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.

[6] Interest type means whether the interest is fixed or floating.

[7] 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.

[8] Margin means the points over and above the floating rate.

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

[10] Moratorium period refers to the period during which loan servicing liability is not required.

[11] Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

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

[13] Where there is more than one drawal/repayment for a loan, the date & amount of each drawal/repayement may also be given seperately

[14] 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.

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

[16] Base exchange rate means the exchange rate prevailing as on 31.03.2014 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 exhange rate considered on date of each repayment of principal and date of interest

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

20 At the time of truing up provide details of refinance of loan consider earlier. Details such as rate on which refinancing done,amount of refinance loans,terms & conditions of refinance loan,financing and other charhes 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
M/s. Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 013487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM-8

Details of Allocation of corporate loans to various projects

Name of the Company NHPC Limited
Name of the Power Station KISHANGANGA H E PROJECT

(Amount in lacs)

Particulars	Package 1**	Package 2**	Package 3**	Package 4***	Package 5***	Package 6	Package 7	Package 8	Package 9	Package 10	Package 11	Package 12	Package 13	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Source of Loan[1]	Corporation Bank	Syndicate Bank	State Bank of India-1000 Crores	State Bank of Hyderabad	State Bank of India-460 Crores	R-3 SERIES BONDS	S-2 SERIES BONDS	T SERIES BONDS	V SERIES BONDS	V2 SERIES BONDS	W1 SERIES BONDS	W2 SERIES BONDS	X SERIES BONDS	
Currency[2]	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	INR	
Amount of Loan sanctioned	50000	30000	100000	50000	46000	89200	66000	147492	77500	147500	150000	75000	150000	
Amount of Gross Loan drawn upto 31.03.2014/COD [3,4,5,13,15]	50000	30000	100000	50000	46000	89200	66000	147492	77500	147500	150000	75000	150000	
Interest Type[6]	Floating	Floating	Floating	Floating	Floating	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	
Fixed Interest Rate, if applicable	NA	NA	NA	NA	NA	8.78%	8.54%	8.50%	6.84%	7.52%	6.91%	7.35%	8.65%	
Base Rate, if Floating Interest[7]	MCLR with annual Reset 8.75%	Base Rate Present effective rate 9.60%	MCLR with annual Reset 8.00%	Base Rate Present effective rate 9.70%	MCLR with annual Reset 8.00%	NA	NA	NA	NA	NA	NA	NA	NA	
Margin, if Floating Interest[8]	Nil	Nil	Nil	Nil	Nil	NA	NA	NA	NA	NA	NA	NA	NA	
Are there any Caps/Floor[9]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
If above is yes,specify caps/floor	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Moratorium Period[10]	3 Years	2 Years 7 Months	3 Years 3 Months	3 Years	3 Months	6 Years	4 Years	4 Years	1 Years	6 Years	1 Years	6 Years	4 Years	
Moratorium effective from	06-01-12	27-06-12	28-03-13	27-08-13	13-01-17	11-02-13	26-11-14	14-07-15	24-01-17	06-06-17	15-09-17	15-09-17	08-02-19	
Repayment Period[11]	12 Years	12 Years	12 Years	12 Years	9 Years, 7 Months	10 Years	12 Years	12 Years	5 Years	10 Years	5 Years	10 Years	7 Years	
Repayment effective from	05-01-15	02-02-15	27-06-16	28-03-16	30-04-17	11-02-19	26-11-18	14-07-19	24-01-18	06-06-23	15-09-18	15-09-23	08-02-23	
Repayment Frequency[12]	QUARTERLY	QUARTERLY	QUARTERLY	QUARTERLY	QUARTERLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	
Repayment Instalment[13,14]	1041.67	625.00	2083.33	1041.67	37 Instalment of Rs.1211 Lacs each and 38th Instalment of Rs.1192 Lacs	8920.00	5500.00	12291.00	15500.00	29500.00	30000.00	15000.00	21428.57	
Base Exchange Rate[16]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Are Foreign currency hedged?	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
If above is yes,specify details.17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Name of the Projects														**Total**
Sewa-II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7227.50	0.00	0.00	7227.50
TLDP-III	0.00	0.00	17000.00	1925.00	1,764.58	0.00	0.00	0.00	13,083.33	9166.67	19262.42	8888.42	0.00	71090.42
Uri-II	13200.00	0.00	15600.00	6125.00	5,614.58	0.00	0.00	0.00	31,094.63	19251.87	9456.20	9837.77	12943.00	123123.04
Subansiri Lower	0.00	18580.00	8000.00	3025.00	2,772.92	60000.00	0.00	0.00	0.00	26584.16	4793.34	5000.25	0.00	128755.67
Chamera-III	24300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,235.70	11377.80	0.00	0.00	7465	53378.50
Parbati-III	5973.00	2227.00	10000.00	11875.00	10,885.42	0.00	2888.00	0.00	21,926.08	30466.42	9898.08	9372.53	0.00	115511.53
Nimmo-Bazgo	0.00	693.00	0.00	10000.00	9,166.67	0.00	0.00	0.00	259.87	288.75	4826.45	3857.57	6122.00	35214.31
Parbati-II	0.00	8000.00	30400.00	9900.00	9,241.67	28300.00	37745.00	109407.00	0.00	45701.67	78508.44	26181.14	47165.00	430549.91
Chutak	88.00	0.00	358.00	0.00	0.00	0.00	0.00	0.00	33.00	36.67	2949.17	171.54	8758.00	12394.37
Kishanganga	**6439.00**	**500.00**	**142.00**	**3575.00**	**3,277.08**	**900.00**	**5343.00**	**723.00**	**867.38**	**4626.00**	**1784.63**	**1447.12**	**2300.00**	**31924.21**
TLDP-IV	0.00	0.00	18500.00	3575.00	3,277.08	0.00	20024.00	37362.00	0.00	0.00	9433.79	10243.67	22846.00	125261.53
Teesta-V	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1860.00	0.00	5171	7031.00

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

FORM-8

Details of Allocation of corporate loans to various projects

Name of the Company NHPC Limited

Name of the Power Station KISHANGANGA H E PROJECT

Solar Power Project	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14421	14421.00
Wind Power Project	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22809	22809.00
Total	**50000.00**	**30000.00**	**100000.00**	**50000.00**	**46000.00**	**89200.00**	**66000.00**	**147492.00**	**77500.00**	**147500.00**	**150000.00**	**75000.00**	**150000.00**	**1178692.00**

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

** Loan from 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.

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

[2] Currency refers to currency of loan such as US$, DM, Yen,Indian Rupee etc.

[3] Details are to be submitted as on 31.03.2014 for existing assets and as on COD for the remaining assets.

[4] Where the loan has been refinanced, details in the Form is to be given for the loan refinaced. However, the details of the original loan is to be given seperately in the same form.

[5] 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.

[6] Interest type means whether the interest is fixed or floating.

[7] 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.

[8] Margin means the points over and above the floating rate.

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

[10] Moratorium period refers to the period during which loan servicing liability is not required.

[11] Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

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

[13] Where there is more than one drawal/repayment for a loan, the date & amount of each drawal/repayement and its allocation may also be given seperately

[14] 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.

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

[16] Base exchange rate means the exchange rate prevailing as on 31.03.2004 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 exhange rate considered on date of each repayment of principal and date of interest payment.

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

20 At the time of truing up provide details of refinance of loan consider earlier. Details such as rate on which refinancing done,amount of refinance loans,terms & conditions of refinance loan,financing and other charhes 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
M/s. Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

Annexure Form 8

LOAN DISBURSEMENT DETAILS & INTEREST RATE OF KISHANGANGA H E PROJECT

Name of the Company NHPC Limited
Name of the Power Station KISHANGANGA H E PROJECT

Sl. No.	Name of the FI/ Loan	Date of Disbursement	Amount of Drawl (Rs. In Lacs)	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	Rate on Interest on the date of Reset	Date of reset
1	Corporation Bank	06.01.2012	6439.00	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						
			6439.00																			
2	Syndicate Bank	27.06.2012	500.00	10.50%	10.25%	13.02.2013	10.00%	08.06.2015	9.70%	01.10.2015	9.60%	11.07.2016										
			500.00																			
3	State Bank of India - 1000 Crores	28.03.2013	142.00	10.19%	10.29%	19.09.2013	10.49%	07.11.2013	10.25%	01.08.2014	10.10%	10.04.2015	9.95%	08.06.2015	9.70%	24.09.2015	9.30%	05.10.2015	9.15%	20.06.2016	8.00%	20.06.2017
			142.00																			
4	State Bank of India - 450 Crores	13.01.2017	3277.08	8.00%																		
			3277.08																			
5	State Bank of Hydrabad	27.08.2013	3575.00	10.20%	10.05%	01.05.2015	9.95%	16.07.2015	9.75%	08.10.2015	9.70%	01.11.2016										
			3575.00																			
6	R3-Series Bonds	11.02.2013	900.00	8.78%																		
			900.00																			
7	S2-Series Bonds	26.11.2014	5343.00	8.54%																		
			5343.00																			
8	T - Series Bonds	14.07.2015	723.00	8.50%																		
			723.00																			
9	V-SERIES BONDS	24.01.2017	867.38	6.84%																		
			867.38																			
10	V2-SERIES BONDS	06.06.2017	4626.00	7.52%																		
			4626.00																			
11	W1-SERIES BONDS	15.09.2017	1784.63	6.91%																		
			1784.63																			
12	W2-SERIES BONDS	15.09.2017	1447.12	7.35%																		
			1447.12																			
13	X-SERIES BONDS	08.02.2019	2300.00	8.65%																		
			2300.00																			
	TOTAL (1 to 12)		31924.21																			

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Name of the Company NHPC Limited
Name of the Power Station KISHANGANGA H E PROJECT

Repayment Schedule

REPAYMENT SCHEDULE OF CORPORATION BANK TERM LOAN OF Rs 64.39 Crores FOR KISHANGANGA H E PROJECT

			Amount in Rupees
No, of Installments	Date of Payment	Amount of Installment	Principal outstanding
			643900000.00
1	05-01-15	13414583.00	630485417.00
2	05-04-15	13414583.00	617070834.00
3	05-07-15	13414583.00	603656251.00
4	05-10-15	13414583.00	590241668.00
5	05-01-16	13414583.00	576827085.00
6	05-04-16	13414583.00	563412502.00
7	05-07-16	13414583.00	549997919.00
8	05-10-16	13414583.00	536583336.00
9	05-01-17	13414583.00	523168753.00
10	05-04-17	13414583.00	509754170.00
11	06-06-17	509754170.00	0.00

Amount of repayment - Rs 13414583/- quarterly r w.e.f. 05.01.2015 and prepaid on 06.06.2017.

REPAYMENT SCHEDULE OF SYNDICATE BANK TERM LOAN OF Rs 5 Crores FOR FOR KISHANGANGA H E PROJECT

			Amount in Rupees
No, of Installments	Date of Payment	Amount of Installment	Principal outstanding
			50000000.00
1	02-02-15	1041667.00	48958333.00
2	02-05-15	1041667.00	47916666.00
3	02-08-15	1041667.00	46874999.00
4	02-11-15	1041667.00	45833332.00
5	02-02-16	1041667.00	44791665.00
6	02-05-16	1041667.00	43749998.00
7	02-08-16	1041667.00	42708331.00
8	02-11-16	1041667.00	41666664.00
9	02-02-17	1041667.00	40624997.00
10	02-05-17	1041667.00	39583330.00
11	06-06-17	39583330.00	0.00

Amount of repayment - Rs 1041667/- quarterly w.e.f. 02.02.2015 and prepaid on 06.06.2017.

REPAYMENT SCHEDULE OF STATE BANK OF INDIA - 1000 Crores TERM LOAN OF Rs 1.42 Crores FOR KISHANGANGA H E PROJECT

			Amount in Rupees
No, of Installments	Date of Payment	Amount of Installment	Principal outstanding
			14200000.00
1	27-06-16	295833.00	13904167.00
2	27-09-16	295833.00	13608334.00
3	27-12-16	295833.00	13312501.00
4	27-03-17	295833.00	13016668.00
5	27-06-17	295833.00	12720835.00
6	15-09-17	12720835.00	0.00

Amount of repayment - Rs 295833/- quarterly w.e.f. 27.06.2016 and prepaid on 15.09.2017.

REPAYMENT SCHEDULE OF STATE BANK OF HYDERABAD TERM LOAN OF Rs 35.75 Crores FOR KISHANGANGA H E PROJECT

			Amount in Rupees
No, of Installments	Date of Payment	Amount of Installment	Principal outstanding
			357500000.00
1	28-03-16	7447917.00	350052083.00
2	28-06-16	7447917.00	342604166.00
3	28-09-16	7447917.00	335156249.00
4	28-12-16	7447917.00	327708332.00
5	28-03-17	327708332.00	0.00

Amount of redemption Rs 7447917/- yearly w.e.f. 28.03.2016 and prepaid on 13.01.2017.

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

Name of the Company NHPC Limited
Name of the Power Station KISHANGANGA H E PROJECT
Repayment Schedule

REPAYMENT SCHEDULE OF STATE BANK OF INDIA - 460 Crores TERM LOAN OF Rs 32.77 Crores FOR KISHANGANGA H E PROJECT			
			Amount in Rupees
No, of Installments	Date of Payment	Amount of Installment	Principal outstanding
			327708332.00
1	30-04-17	8627278	319081054
2	31-07-17	8627278	310453776
3	15-09-16	310453776	0.00

Amount of redemption Rs 8627278/- yearly w.e.f. 28.03.2016 and prepaid on 15.09.2017.

REDEMPTION SCHEDULE OF R3-SERIES BONDS OF Rs 9.00 Crore FOR KISHANGANGA H E PROJECT			
			Amount in Rupees
No, of Installments	Date of Payment	Redemption amount	Principal outstanding
			90000000.00
1	11-02-19	9000000.00	81000000.00
2	11-02-20	9000000.00	72000000.00
3	11-02-21	9000000.00	63000000.00
4	11-02-22	9000000.00	54000000.00
5	11-02-23	9000000.00	45000000.00
6	11-02-24	9000000.00	36000000.00
7	11-02-25	9000000.00	27000000.00
8	11-02-26	9000000.00	18000000.00
9	11-02-27	9000000.00	9000000.00
10	11-02-28	9000000.00	0.00

Amount of redemption Rs 9000000/- yearly w.e.f. 11.02.2019.

REDEMPTION SCHEDULE OF S-2 SERIES BONDS OF Rs 53.43 Crore FOR KISHANGANGA H E PROJECT			
			Amount in Rupees
No, of Installments	Date of Payment	Redemption amount	Principal outstanding
			534300000.00
1	26-11-18	44525000.00	489775000.00
2	26-11-19	44525000.00	445250000.00
3	26-11-20	44525000.00	400725000.00
4	26-11-21	44525000.00	356200000.00
5	26-11-22	44525000.00	311675000.00
6	26-11-23	44525000.00	267150000.00
7	26-11-24	44525000.00	222625000.00
8	26-11-25	44525000.00	178100000.00
9	26-11-26	44525000.00	133575000.00
10	26-11-27	44525000.00	89050000.00
11	26-11-28	44525000.00	44525000.00
12	26-11-29	44525000.00	0.00

Amount of redemption every year Rs 44525000/- w.e.f. 26.11.2018.

REDEMPTION SCHEDULE OF T-SERIES BONDS OF Rs 7.23 Crore FOR KISHANGANGA H E PROJECT			
			Amount in Rupees
No, of Installments	Date of Payment	Redemption amount	Principal outstanding
			72300000.00
1	14-07-19	6025000.00	66275000.00
2	14-07-20	6025000.00	60250000.00
3	14-07-21	6025000.00	54225000.00
4	14-07-22	6025000.00	48200000.00
5	14-07-23	6025000.00	42175000.00
6	14-07-24	6025000.00	36150000.00
7	14-07-25	6025000.00	30125000.00
8	14-07-26	6025000.00	24100000.00
9	14-07-27	6025000.00	18075000.00
10	14-07-28	6025000.00	12050000.00
11	14-07-29	6025000.00	6025000.00
12	14-07-30	6025000.00	0.00

Amount of redemption every year Rs 6025000/- w.e.f. 14.07.2019.

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Name of the Company NHPC Limited
Name of the Power Station KISHANGANGA H E PROJECT

Repayment Schedule

REDEMPTION SCHEDULE OF V-SERIES BONDS OF Rs 8.67 Crore FOR KISHANGANGA H E PROJECT			
			Amount in Rupees
No, of Installments	Date of Payment	Redemption amount	Principal outstanding
			86737535.00
1	24-01-18	28912460.00	57825075.00
2	24-01-19	57825075.00	0.00

Amount of redemption in year 1 Rs 28912460/- and in Year 2 Rs. 57825075/-.

REDEMPTION SCHEDULE OF V2-SERIES BONDS OF Rs 46.26 Crore FOR KISHANGANGA H E PROJECT			
			Amount in Rupees
No, of Installments	Date of Payment	Redemption amount	Principal outstanding
			462600120.00
1	06-06-23	231300060.00	231300060.00
2	06-06-24	57825015.00	173475045.00
3	06-06-25	57825015.00	115650030.00
4	06-06-26	57825015.00	57825015.00
5	06-06-27	57825015.00	0.00

Amount of redemption first year Rs 231300060 then annually Rs 57825015/- from second to fifth year.

REDEMPTION SCHEDULE OF W1-SERIES BONDS OF Rs 17.846 Crore FOR KISHANGANGA H E PROJECT			
			Amount in Rupees
No, of Installments	Date of Payment	Redemption amount	Principal outstanding
			178462500.00
1	15-09-18	35692500.00	142770000.00
2	15-09-19	35692500.00	107077500.00
3	15-09-20	35692500.00	71385000.00
4	15-09-21	35692500.00	35692500.00
5	15-09-22	35692500.00	0.00

Amount of redemption every year Rs 35692500/- w.e.f. 15.09.2018.

REDEMPTION SCHEDULE OF W2-SERIES BONDS OF Rs 14.47 Crore FOR KISHANGANGA H E PROJECT			
			Amount in Rupees
No, of Installments	Date of Payment	Redemption amount	Principal outstanding
			144712050.00
1	15-09-23	35692350.00	109019700.00
2	15-09-24	35692350.00	73327350.00
3	15-09-25	35692350.00	37635000.00
4	15-09-26	35564250.00	2070750.00
5	15-09-27	2070750.00	0.00

Amount of redemption in First to Third year Rs 35692350/- w.e.f. 15.09.2018 and un Fourth year Rs35564250/- and in 5th Year Rs.2070750/-.

REDEMPTION SCHEDULE OF SUBORDINATE DEBTS OF Rs.3155.01 Crore FOR KISHANGANGA H E PROJECT			
			Amount in Rupees
No, of Installments	Date of Payment	Redemption amount	Principal outstanding
			31550100000.00
1	24-05-29	3155010000.00	28395090000.00
2	24-05-30	3155010000.00	25240080000.00
3	24-05-31	3155010000.00	22085070000.00
4	24-05-32	3155010000.00	18930060000.00
5	24-05-33	3155010000.00	15775050000.00
6	24-05-34	3155010000.00	12620040000.00
7	24-05-35	3155010000.00	9465030000.00
8	24-05-36	3155010000.00	6310020000.00
9	24-05-37	3155010000.00	3155010000.00
10	24-05-38	3155010000.00	0.00

Amount of redemption Rs 3155010000/- yearly w.e.f. 24.05.2029.

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Name of the Company NHPC Limited
Name of the Power Station KISHANGANGA H E PROJECT

Repayment Schedule

REDEMPTION SCHEDULE OF X-SERIES BONDS OF Rs.23.00 Crore FOR KISHANGANGA H E PROJECT			
			Amount in Rupees
No, of Installments	Date of Payment	Redemption amount	Principal outstanding
			230000000.00
1	08-02-23	32857143.00	197142857.00
2	08-02-24	32857143.00	164285714.00
3	08-02-25	32857143.00	131428571.00
4	08-02-26	32857143.00	98571428.00
5	08-02-27	32857143.00	65714285.00
6	08-02-28	32857143.00	32857142.00
7	08-02-29	32857142.00	0.00

Amount of redemption Rs 32857143/- yearly w.e.f. 08.02.2023.

REPAYMENT SCHEDULE OF NORMATIVE LOAN / FRESH BORROWINGS (Rs. 1251.8385 Crore) OF KISHANGANGA H E PROJECT			
			Amount in Rupees
No, of Installments	Date of Payment	Amount of Installment	Principal outstanding
			12365902800.00
1	25.05.2018	4729400000.00	7636502800.00
2	24-11-18	515245950.00	7121256850.00
3	08.02.2019	230000000.00	6891256850.00
4	07.03.2019	54000000.00	6837256850.00
5	24-05-19	515245950.00	6322010900.00
6	24-11-19	515245950.00	5806764950.00
7	24-05-20	515245950.00	5291519000.00
8	24-11-20	515245950.00	4776273050.00
9	24-05-21	515245950.00	4261027100.00
10	24-11-21	515245950.00	3745781150.00
11	24-05-22	515245950.00	3230535200.00
12	24-11-22	515245950.00	2715289250.00
13	24-05-23	515245950.00	2200043300.00
14	24-11-23	515245950.00	1684797350.00
15	24-05-24	515245950.00	1169551400.00
16	24-11-24	515245950.00	654305450.00
17	24-05-25	515245950.00	139059500.00
18	24-11-25	139059500.00	0.00

Amount of repayment - Rs.521599363/- half yearly w.e.f. 31.08.2018.

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

Form 9A

Year wise Statement of Additional Capitalisation

Name of the Petitioner : NHPC Limited
Name of the Generating Station : **Kishanganga Power Station**
COD : **24.05.2018**
For Financial Year : **2018-19 (COD i.e. 24.05.2018 to 31.03.2019)** (Amount in Rs.)

Sl. No.	GL - Budget Head	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	GL	2	3	4	5=3-4	6	7	8	9
1	410111	Land Purchased From Jameed Ahmed Akhoon Near Colony Main Gate, Kralpora	225000	0	225000	0	14(1)(ii)	Deferred works of original scope	
2	410201	Two Lane Internal Road With Side Drain At Nhpc Colony, Kralpora	15521354	1150480	14370874	0	14(1)(ii)	Deferred works of original scope	
3	410301	Building Containing Hydro Electric Generating Plant	25263425	1095755	24167670	0	14(1)(ii)	Deferred works of original scope	
4	410303	Building Containing Transmission Plant-Equipment	8605729	300225	8305504	0	14(1)(ii)	Deferred works of original scope	
5	410325	Permanent C-Type Residential Quarter Including Water Supply And Sanitary Works-24 Quarters	72284367	8404974	63879393	0	14(1)(ii)	Deferred works of original scope	
6	410326	Portable Toilet Cabin 20'×10'×8' With 5 Toilet Seats And 5 Bath Showers	595900	50500	545400	0	14(1)(ii)	Deferred works of original scope	
7	410326	Temporary Shed For Cisf Near Main Gate-Kralpora	2469000	0	2469000	0	14(1)(ii)	Deferred works of original scope	
8	410326	Temporary Shed For Cisf Back Side Of Admin Office Bldg-Kralpora	5400260	0	5400260	0	14(1)(ii)	Deferred works of original scope	
9	410326	Temporary Toilet Shed For Cisf Near Substation-Kralpora	3798679	0	3798679	0	14(1)(ii)	Deferred works of original scope	
10	410326	Temporary Structure Barrack/Accomodation For Cisf At Dam Site Gurej	331721	74832	256889	0	14(1)(ii)	Deferred works of original scope	
11	410326	Temporary Barrack For Cisf Internal Electrification At Kralpora	569878	24185	545693	0	14(1)(ii)	Deferred works of original scope	
12	410326	Temporary Barrack For Cisf At Residential Complex Dawar (Pkg-135)	7469946	628097	6841849	0	14(1)(ii)	Deferred works of original scope	

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Sl. No.	GL - Budget Head	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	GL	2	3	4	5=3-4	6	7	8	9
13	410326	Temporary Shed Toilet/Bathroom For Cisf At Gurej	362216	15352	346864	0	14(1)(ii)	Deferred works of original scope	
14	410328	Building Acquire From Jameed Ahmad Akhoon At Main Gate Colony Karalpora	1911000	0	1911000	0	14(1)(ii)	Deferred works of original scope	
15	410328	Construction Of Two No. Watch Tower At Power House	597240	597240	0	0	14(1)(ii)	Deferred works of original scope	
16	410328	Permanent Bank & Post Office Building With Water Supply And Sanitary Works-Kralpora	7247641	2175859	5071782	0	14(1)(ii)	Deferred works of original scope	
17	410425	Internal Electrification Of Permanent C-Tpe Residential Building At Kralpora	6090990	1202806	4888184	0	14(1)(ii)	Deferred works of original scope	
18	410428	Internal Electrification Of Permanent Guest House Building At Kralpora	1001068	1001068	0	0	14(1)(ii)	Deferred works of original scope	
19	410428	Internal Electrification Of Bank & Post Office Building At Kralpora	268387	263428	4959	0	14(1)(ii)	Deferred works of original scope	
20	410601	Dams And Barrages	57764736	1381156	56383580	0	14(1)(ii)	Deferred works of original scope	
21	410604	Power Tunnels And Pipelines	205573667	12638502	192935165	0	14(1)(ii)	Deferred works of original scope	
22	410607	Tailrace Tunnels	2663681	0	2663681	0	14(1)(ii)	Deferred works of original scope	
23	410608	HYDROMECHANICAL WORKS-DAMS AND BARRAGES	20275213	10290660	9984553	0	14(1)(ii)	Deferred works of original scope	
24	410610	Hydromechanical Works-Tunnels And Canals	5807892	0	5807892	0	14(1)(ii)	Deferred works of original scope	
25	410611	HYDROMECHANICAL WORKS-TAIL RACE INCLUDING DRAFT TUBE GATES	1250737	0	1250737	0	14(1)(ii)	Deferred works of original scope	
26	410701	Main Generating Equipment : Unit-I	12772686	377910	12394776	0	14(1)(ii)	Deferred works of original scope	
27	410701	Main Generating Equipment : Unit-Ii	12772686	377910	12394776	0	14(1)(ii)	Deferred works of original scope	
28	410701	Main Generating Equipment : Unit-Iii	12772686	377910	12394776	0	14(1)(ii)	Deferred works of original scope	
29	410702	Generator Step Up Transformer : Unit-I	408529	0	408529	0	14(1)(ii)	Deferred works of original scope	
30	410702	Generator Step Up Transformer : Unit-Ii	408529	0	408529	0	14(1)(ii)	Deferred works of original scope	
31	410702	Generator Step Up Transformer : Unit-Iii	408529	0	408529	0	14(1)(ii)	Deferred works of original scope	
32	410703	Other Power Plant Transformer	1071359	0	1071359	0	14(1)(ii)	Deferred works of original scope	
33	410704	Cooling Water Systems : Unit-I	177880	0	177880	0	14(1)(ii)	Deferred works of original scope	
34	410704	Cooling Water Systems : Unit-Ii	177880	0	177880	0	14(1)(ii)	Deferred works of original scope	
35	410704	Cooling Water Systems : Unit-Iii	177880	0	177880	0	14(1)(ii)	Deferred works of original scope	
36	410705	Ehv Switchgear Systems	50358598	27220010	23138588	0	14(1)(ii)	Deferred works of original scope	
37	410707	Dc Systems/Battery Systems	572302	0	572302	0	14(1)(ii)	Deferred works of original scope	
38	410708	Power And Control Cables : Unit-I	310431	0	310431	0	14(1)(ii)	Deferred works of original scope	

FRN. 009487N CHARTERED ACCOUNTANTS

Sl. No.	GL - Budget Head	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	GL	2	3	4	5=3-4	6	7	8	9
39	410708	Power And Control Cables : Unit-Ii	310431	0	310431	0	14(1)(ii)	Deferred works of original scope	
40	410708	Power And Control Cables : Unit-Iii	310431	0	310431	0	14(1)(ii)	Deferred works of original scope	
41	410709	Air Conditioning And Ventilation Systems	5057679	0	5057679	0	14(1)(ii)	Deferred works of original scope	
42	410711	Control, Metering And Protection System : Unit-I	865736	0	865736	0	14(1)(ii)	Deferred works of original scope	
43	410711	Control, Metering And Protection System : Unit-Ii	865736	0	865736	0	14(1)(ii)	Deferred works of original scope	
44	410711	Control, Metering And Protection System : Unit-Iii	865736	0	865736	0	14(1)(ii)	Deferred works of original scope	
45	410712	Auxilliary And Ancilliary Systems	11828388	0	11828388	0	14(1)(ii)	Deferred works of original scope	
46	410713	Miscellaneous Power Plant Equipments	5940412	0	5940412	0	14(1)(ii)	Deferred works of original scope	
47	410714	Miv Service Seal	407454	0	407454	0	14(1)(ii)	Deferred works of original scope	
48	411112	Monoblock Water Pump With Motor 1.5 Hp-2 Nos	17198	0	17198	0	14(1)(ii)	Deferred works of original scope	
49	411112	Kirloskar Pump Set 2 Hp Cap. 2" Suction & 1.5" Delivery, Model-Kds-235+,230V-3 Nos	43500	0	43500	0	14(1)(ii)	Deferred works of original scope	
50	411201	Drinking Water Supply System From Trt Outlet To Nhpc Colony	306091	68994	237097	0	14(1)(ii)	Deferred works of original scope	
51	411701	Three Seater Chair-(1820(L)X690(D)X790(H)-Steel-2 Nos	15576	0	15576	0	14(1)(ii)	Deferred works of original scope	
52	411701	Bed Side Locker-3 Nos	36108	0	36108	0	14(1)(ii)	Deferred works of original scope	
53	411707	Wooden Dining Table Set (3' 5X 3' 5X 30) With Four Chairs-2 Nos	75520	0	75520	0	14(1)(ii)	Deferred works of original scope	
54	411707	Double Bed (Box Type) Teak Ply 6 X 6 Ft.-18 Nos	311400	0	311400	0	14(1)(ii)	Deferred works of original scope	
55	411801	Laptop -3 Nos	231399	0	231399	0	14(1)(ii)	Deferred works of original scope	
56	411801	Hp Desktop Computer Mt 280 G4 , With Colour Monitor Hp 18.5 Led (I7,8Gb,2666Mhz Ddr4 Ram, Win 10P8 -2 Nos	147600	147600	0	0	14(1)(ii)	Deferred works of original scope	
57	411803	Printer -3 Nos	50251	22250	28001	0	14(1)(ii)	Deferred works of original scope	
58	411804	Solar Module Pannel (5X300W), Make: Sova Model No. 6Lmsi120L	92235	0	92235	0	14(1)(ii)	Deferred works of original scope	
59	411804	Ups Double Battery, Make Zebronics, Model: Zeb-U1200-14 Nos	68558	0	68558	0	14(1)(ii)	Deferred works of original scope	
60	411804	Ups Double Battery, Make Zebronics, Model: Zeb-U1200-3 Nos	14100	0	14100		14(1)(ii)	Deferred works of original scope	

ARORA NICHANI & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Sl. No.	GL - Budget Head	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	GL	2	3	4	5=3-4	6	7	8	9
61	411804	8 Port Giga Switch-Make: D-Link, Model:Dgs-1008-14 Nos	33866	0	33866	0	14(1)(ii)	Deferred works of original scope	
62	411804	Switch 24 Port Gigabit-Make: D-Link, Model:Dgs-1025	9428	0	9428	0	14(1)(ii)	Deferred works of original scope	
63	411804	Cisco Router Model 1941 Sec K9 With All Accessories	66800	0	66800	0	14(1)(ii)	Deferred works of original scope	
64	411804	9U Rack With Power Supply-Make: Dynamic, Model No. Dr-Wm-9U-400	7258	0	7258	0	14(1)(ii)	Deferred works of original scope	
65	411804	Radio P2P, 5Ghz To 5.5 Ghz Unlicensed-Make-Cambium, Model: Force 180-13 Nos	348985	56085	292900	0	14(1)(ii)	Deferred works of original scope	
66	411804	6U Rack With Power Supply-Make: Dynamic, Model No. Dr-Wm-6U-400-13 Nos	50310	0	50310	0	14(1)(ii)	Deferred works of original scope	
67	411903	40Kva,3Phase Stabilizer,I/P Vol.260-470V,O/P Volt. 415 +/- 1% Oil Filled, Make:Power, Model:Servo	136672	0	136672	0	14(1)(ii)	Deferred works of original scope	
68	411903	Tri Band Mobile Booster 900+1800+2100Mhz With Indoor Outdoor Antenna-4 Nos	711776	0	711776	0	14(1)(ii)	Deferred works of original scope	
69	411903	6- Port Fiber Sc-Style Liu , Sm, Patch Panel, 1U, Fully Loaded, Digilink Make Model-Dfbox06Rxxxx-2 Nos	11600	0	11600	0	14(1)(ii)	Deferred works of original scope	
70	411903	Rack 12U With Power Unit, D-Link Nwr-12U-5045-Gr With Accessories-2 Nos	15700	0	15700	0	14(1)(ii)	Deferred works of original scope	
71	412005	Emergency Medicine Trolly	7392	0	7392	0	14(1)(ii)	Deferred works of original scope	
72	412005	Movable Dressing Trolly,Ss-2 Nos	12042	0	12042	0	14(1)(ii)	Deferred works of original scope	
73	412007	Kent Ace Ro+Uv+Uf+T.D.S Control 15Ltr Capacity-7 Nos	128800	128800	0	0	14(1)(ii)	Deferred works of original scope	
74	412007	Washing Machine (Fully Automatic), Make-Lg/Model-T8077Nedlj-5 Nos	137450	0	137450	0	14(1)(ii)	Deferred works of original scope	
75	412014	32 Led Tv-Make: Samsung,, Model No. Ua32N4003Arxxl-3 Nos	81408	0	81408	0	14(1)(ii)	Deferred works of original scope	
76	412014	Nvr 32 Channel-Make-Vintron And Model No.Vin-Nvr-8432-5	19766	0	19766	0	14(1)(ii)	Deferred works of original scope	
77	412014	Nvr 8 Channel-Make-Vintron And Model No.Vin-Nvr-8108-5-2 Nos	31624	0	31624	0	14(1)(ii)	Deferred works of original scope	
78	412020	Inverter 24V, 2000Va Luminous Pro Ups 2250	8900	0	8900	0	14(1)(ii)	Deferred works of original scope	

ARUN K. VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Sl. No.	GL - Budget Head	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	GL	2	3	4	5=3-4	6	7	8	9
79	412020	Coffee Vending Machine - Atlantis , 4 Lane	20549	0	20549	0	14(1)(ii)	Deferred works of original scope	
80	412020	Water Purifier - Kent Elite Ro 25 Ltr	32500	0	32500	0	14(1)(ii)	Deferred works of original scope	
81	412501	Led Tv 32 - Make- Lg, Model No. 32Lk526Bpta-28 Nos	462000	0	462000	0	14(1)(ii)	Deferred works of original scope	
82	412503	Bio Digester Tank Of 2000 Ltrs.-2 Nos	151040	0	151040	0	14(1)(ii)	Deferred works of original scope	
83	412503	Iron Stand Truss Type For Module Panel,Dimensions (21' X 6'6" X 7') X 5	11000	0	11000	0	14(1)(ii)	Deferred works of original scope	
84	412503	Ip Fixed Camera, Bullet 4 Mp, Vintron, Vin-Ip-L14-408Ar-A6-20 Nos	183980	0	183980	0	14(1)(ii)	Deferred works of original scope	
85	412503	Poe Adapter Tplink-Tendapoe15F-30 Nos	73620	0	73620	0	14(1)(ii)	Deferred works of original scope	
86	412503	Inverter 2.2Kva (Hybrid 24 Volt) - Exide, Model No. 5Hpst	17200	0	17200	0	14(1)(ii)	Deferred works of original scope	
87	412503	Gas Heater-5 Nos	39920	39920	0	0	14(1)(ii)	Deferred works of original scope	
88	412503	Juicer Cum Grinder, Make-Havells, Model No-Rigo	5201	5201	0	0	14(1)(ii)	Deferred works of original scope	

AGGRWAL VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

Sl. No.	GL - Budget Head	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	GL	2	3	4	5=3-4	6	7	8	9
89	412503	Fiber Glass Model Of Size 6Ftx3.5 Ft With Base As Teak & Water Proof Ply,River As Running Film Sys.	481254	0	481254	0	14(1)(ii)	Deferred works of original scope	
90	412801	Single Battery Trolly, Luminious-2 Nos	2360	0	2360	0	14(1)(ii)	Deferred works of original scope	
91	412801	Heat Convector-15 Nos	42000	42000	0	0	14(1)(ii)	Deferred works of original scope	
92	412801	Ups Double Battery, Make Zebronics, Model: Zeb-U1200-2 Nos	9500	0	9500	0	14(1)(ii)	Deferred works of original scope	
93	412801	Ups Double Battery, Make Zebronics, Model: Zeb-U1200-5 Nos	24500	0	24500		14(1)(ii)	Deferred works of original scope	
94	412801	Media Converter, D-Link Dfe-855S-15I- 2 Nos	9400	0	9400	0	14(1)(ii)	Deferred works of original scope	
95	412801	Monoblock Pump,Single Phase,0.5 Hp- 2 Nos	5600	0	5600	0	14(1)(ii)	Deferred works of original scope	
96	412801	Diesel Lifting Pump Hand Operated Type - Make-Prima Model-R201/202	1500	0	1500	0	14(1)(ii)	Deferred works of original scope	
97	412801	Water Storage Tank 100 Ltr.	3450	0	3450	0	14(1)(ii)	Deferred works of original scope	
98	412801	Induction Cooker, Bajaj/Icx 8	4544	0	4544	0	14(1)(ii)	Deferred works of original scope	
99	412801	Pillar Heater Double Rod Make Gopi (Sunfire)-15 Nos	62850	62850	0	0	14(1)(ii)	Deferred works of original scope	
100	412801	Revolving Stool Steel	1613	0	1613	0	14(1)(ii)	Deferred works of original scope	
101	412801	Bed Side Screen With Four Folding With Curtains With Coasters.Make: Medilite.- 2 Nos	8968	0	8968	0	14(1)(ii)	Deferred works of original scope	
102	412801	Drip Stand/ I/V Stand- 2 Nos	3226	0	3226	0	14(1)(ii)	Deferred works of original scope	
		Total	577078793	70222559	506856234				

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
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
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
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 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
M/s. Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM-9B

Statement of Additional Capitalisation during fag end of the Project

Name of the Petitioner : NHPC Limited
Name of the Generating S Kishanganga Power Station
COD : 24.05.2018

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	Not Applicable				
2					
3					
4					

Note:
1. Cost Benefit analysis for capital additions done should be submitted along with petition for
2. Justification for additional capital expenditure claim for each asset should be relevant to

For
M/s Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM-9B (i)

Details of Assets De-capitalized during the period

Name of the Petitioner :NHPC Limited
Name of the Generating Station :Kishanganga Power Station
Region: Northern State:J&K District: Bandipura

Sl. No.	GL head	Name of the Asset	Nature of de-capitlization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de- capitalization	Remarks/Justification
1	2		3	4	5	6	
A	Deletion of Assets for Claim						
1	410701	Runner	Claimed	80255581	2018	0	
2	410701	MIV Seel (Unit-III)	Claimed	407454	2018	0	
3	411801	LAPTOP COMPUTER ACER TRAVEL MATE	Claimed	1995	2017	0	
4	411801	LAPTOP	Claimed	2185	2013	0	
5	411805	INMARSAT NERA MAKE SR NO. 76EB51A 3040D	Claimed	8998	2007	0	
6	411805	INMARSAT NERA MAKE SR NO. 76EB512 BF624)	Claimed	8998	2008	0	
7	410714	COMPLETE COMPRESSOR WITH MOTOR - HPLP SPARE – KISHANGANGA	Claimed	5370	2018	0	
		Sub Total		80690581			
B	Deletion of Assets due to reversal of Liability*						
1	430301	BUILDING CONTAINING HYDRO ELECTRIC GENERATING PLANT	Exclusion	1526560			Reversal of Liability Ref Sl.No.39 of Form 16
2	430303	BUILDING CONTAINING TRANSMISSION PLANT-EQUIPMENT	Exclusion	183951			Reversal of Liability Ref Sl.No.39 of Form 16
3	430601	DAMS AND BARRAGES	Exclusion	2943228			Reversal of Liability Ref Sl.No.39 of form 16
4	430604	POWER TUNNELS AND PIPELINES	Exclusion	18810853			Reversal of Liability Ref Sl.No.39 of form 16
5	430607	TAILRACE TUNNELS	Exclusion	425240			Reversal of Liability Ref Sl.No.39 of form 16
12	410328	PERMANENT GUEST HOUSE BLDG WITH INTERNAL WATER SUPPLY AND SANITARY-KRALPORA	Exclusion	88398			Reversal of Liability Ref Sl.No.23 of form 16
13	410328	BOUNDARY WALL OF COLONY LAND OF DAM COMPLEX AT MASTAN, DAWAR IN GUREJ VALLEY	Exclusion	252874			Reversal of Liability Ref Sl,No.25 of form 16
14	410608	HYDROMECHANICAL WORKS-DAMS AND BARRAGES	Exclusion	28434104			Reversal of Liability Ref Sl.No.30 of form 16
15	410610	HYDROMECHANICAL WORKS-TUNNELS AND CANALS	Exclusion	2765196			Reversal of Liability Ref Sl.No.31 of form 16
16	410611	HYDROMECHANICAL WORKS-TAIL RACE INCLUDING DRAFT TUBE GATES	Exclusion	1851423			Reversal of Liability Ref Sl.No.32 of form 16
		Sub Total		57281827			
		Grand Total		137972408			

Note:
Year wise detail need to be submitted.
As Reversal of Liability in Form-16 not considered in tariff in Form-1, Therefore Deletion of asset effected in books of account due to the reversal of liability kept under exclusion catergory for tariff. This is due to Opening Capital Expenditure considered in Form-1 is Gross block minus liablity.

For
M/s Arora Vohra & Co.
Chartered Accountants



For NHPC LTD.

M G Gokhale
GM (Comml.)

Form-9C

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

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga Power Station
COD :24.05.2018

(Rs. In Lakh)

Sl. No.	Particulars	2018-19
		24.05.2018 to 31.03.2019
1	2	3
	Closing Gross Block	550803.67
	Less: Opening Gross Block	546412.61
	Total Additions as per books	4391.06
	Less: Additions pertaining to other Stages (give Stage wise breakup)	0.00
	Net Additions pertaining to instant project/Unit/Stage	4391.06
	Less: Exclusions (items not allowable / not claimed)	0.00
	Net Additional Capital Expenditure Claimed	4391.06

Note:
For
M/s Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM-9D

Statement showing items/assets/works claimed under Exclusions

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga Power Station
COD : 24.05.2018

Sl. No.	GL head	Head of Work / Equipment	ACE Claimed under Exclusion				Justification
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3	
1		2	3	4	5=3-4	6	7
NIL							
		Total	0				

Note:
1. Exclusions claimed on assets not allowed in Tariff should be supported by the specific reference of Commission Order date, Petition No.,
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

For
M/s Arora Vohra & Co.
Chartered Accountants

For NHPC LTD.

M G Gokhale
GM (Comml.)

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

Form-9E

Statement of Capital Cost

(To be given for relevant dates and year wise)

Name of the Petitioner : NHPC Ltd.
Name of the Generating Station : Kishanganga Power Station

(Amount in Lakh)

Sl. No.		Particulars	17.05.2018	18.05.2018 to 23.05.2018	24.05.2018
				COD of 1st Unit on 18.05.2018	COD of 2nd & 3rd Unit on 24.05.2018
				For One Unit	For three Units
A	a)	Opening Gross Block amount As per books	-	181,263.35	544,214.28
	b)	Amount of Capital liabilities in A(a) above	-	6,692.43	15,090.04
	c)	Amount of IDC in A(a) above	-	2,573.15	7,737.44
	d)	Amount of FC in A(a) above	-	6.52	19.56
	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	-	30,813.84	92,345.51
B	a)	Addition in Gross Block amount during the period (Direct	-	0.00	-
	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 HRS for next day)#***	181263.35	362,967.19	-
	b)	Amount of Capital liabilities in C(a) above	6692.43	8,397.61	-
	c)	Amount of IDC in C(a) above	2573.15	5,164.29	-
	d)	Amount of FC in C(a) above	6.52	13.04	-
	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	30813.84	61,531.67	-
					-
D	a)	Deletion in Gross Block Amount during the period			-
	b)	Amount of Capital liabilities in D(a) above			-
	c)	Amount of IDC in D(a) above			-
	d)	Amount of FC in D(a) above			-
	e)	Amount of FERV in D(a) above			-
	f)	Amount of Hedging Cost in D(a) above			-
	g)	Amount of IEDC in D(a) above			-
					-
E	a)	Closing Gross Block amount As per books	181,263.35	544,214.28	-
	b)	Amount of Capital liabilities in E(a) above	6,692.43	15,090.04	-
	c)	Amount of IDC in E(a) above	2,573.15	7,737.44	-
	d)	Amount of FC in E(a) above	6.52	19.56	-
	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	30,813.84	92,345.51	-

Note:

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

An amount of one third of gross block of common asset as on 18.05.2018 and gross block pertaning to unit specific has been considered for capital cost of first unit. This has been taken in line with clause 6 (2) of CERC Tariff Regulations'2014.

For
M/s. Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

Form-9F

Statement of Capital Woks in Progress

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

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

(Amount in Lakh)

Sl. No.		Particulars	17.05.2018	18.05.2018 to 23.05.2018
			COD of 1st Unit on 18.05.2018	COD of 2nd & 3rd Unit on 24.05.2018
A	a)	Opening CWIP As per books	543269.49	362,006.14
	b)	Amount of Capital liabilities in A(a) above	15375.37	8,682.93
	c)	Amount of IDC in A(a) above	7724.14	5,150.99
	d)	Amount of FC in A(a) above	19.56	13.04
	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	92497.57	61,683.73
B	a)	Addition in CWIP during the period	-	(117.14)
	b)	Amount of Capital liabilities in B(a) above		-
	c)	Amount of IDC in B(a) above		34.92
	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		(152.06)
C	a)	Transferred to Gross Block Amount during the period **(at 00:00 hrs for next day)**	181,263.35	360,790.47
	b)	Amount of Capital liabilities in C(a) above	6,692.43	8,397.61
	c)	Amount of IDC in C(a) above	2,573.15	5,185.91
	d)	Amount of FC in C(a) above	6.52	13.04
	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	30,813.84	61,531.67
D	a)	Deletion in CWIP during the period		
	b)	Amount of Capital liabilities in D(a) above		
	c)	Amount of IDC in D(a) above		
	d)	Amount of FC in D(a) above		
	e)	Amount of FERV in D(a) above		
	f)	Amount of Hedging Cost in D(a) above		
	g)	Amount of IEDC in D(a) above		
E	a)	Closing CWIP as per books	362,006.14	1,098.53
		###		(2,198.33)
	b)	Amount of Capital liabilities in E(a) above	8,682.93	-
	c)	Amount of IDC in E(a) above	5,150.99	-
	d)	Amount of FC in E(a) above	13.04	-
	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	61,683.73	(2,137.44)

Note:

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

Interest on Loans From Central Government-Adjustment on Account of Effective Interest (Rs.2173.13 Lacs) and Interest on Security Deposit/ Retention Money-Adjustment on Account of Effeclive Interest (Rs.25.20 Lacs) has not been considered as capital cost for the purpose of tariff. However, the same has been capitalised in Books of Accounts

For
M/s Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

Annex to Form-9E & 9F

Property, Plant and Equipment as on 1st 05.2018, 24.05.2018 and 31.03.2019

Sl. No.	PARTICULARS	Unique	Unique		As per Balance Sheet	As per Balance Sheet	As per Balance Sheet								As per Balance Sheet	As per Balance Sheet	As per Balance Sheet	Addition of asset between 18.05.2018 to 23.05.2018	Addition of asset between 18.05.2018 to 23.05.2018	Addition of asset between 24.05.2018 to 31.03.2019	Deletion of asset between 24.05.2018 to 31.03.2019	Audited Balance Sheet	Audited Balance Sheet	Audited Balance Sheet
				As on 17.05.2018	Asset As on 18.05.2018	CWIP As on 18.05.2018	Liabilities pertaining to Assets (Col-1)	Common Assets as on 18.05.2018 (For 3 units)	Liability pertaining to Column (4)	Unit-I Specific Assets	Liability pertaining to Column (6)	Capital cost for Tariff for one unit (Unit-I)	Liability pertaining to Column (8)	CWIP for Tariff for Rest two units (Unit-II and III)	Asset As on 24.05.2018	CWIP As on 24.05.2018	Liabilities pertaining to Assets (Col-11)	Addition due to purchase of asset	Addition through CWIP	Addition of asset	Deletion of asset	Asset As on 31.03.2019	CWIP As on 31.03.2019	Liabilities pertaining to Assets
		IAsset	CWIP		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=[(4)/3]+(6)	(9)=[(5)/3]+(7)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
i)	Land – Freehold	410101	430101		0	0	0	0	0	0	0	0	0	0	0	0	0			0		0	0	
ii)	Land – Leasehold	410111	430111		2268864790	0	0	2268864790	0	0	0	756288263	0	1512576527	2268864790	0	0			220000		2269089790	0	0
i)	Land– Right to Use	410121	430121		1839316312	0	680127561	1839316312	680127561	0	0	613105437	226709187	1226210875	1839316312	0	680127561			0		1839316312	0	0
iii)	Roads and Bridges	4102	4302		0	11063064		0	0	0	0	0	0	11063064	0	11063064				15521354		15521354	0	0
iv)	Buildings	4103	4303		2805679468	92700151	26534589	2805679468	26534589	0	0	935226489	8844863	1963153130	2805679468	92700151	24990224			142215664		2955852879	71671220	-11957747
v)	Railway sidings	4105	4305		0	0		0	0	0	0	0	0	0	0	0				0		0	0	0
vi)	Hydraulic Works(Dams, Water Conductor system, Hydro mechanical gates, tunnels)	4106	4306		39230821999	0	391102850	39230821999	391102850	0	0	13076940666	130367617	26153881333	39230821999	0	368648898			238105878		39640547734	0	-171615857
vii)	Generating Plant and machinery	4107	4307		3908548958	3312896720	432037722	1781862045	196940821	2127086913	235096901	2721040928	300743841	4500774750	8205544544	0	427503217			118836608	80663035	8279973712	0	-36255595
viii)	Plant and machinery Sub station	4108	4308		22523748	0	3578615	22523748	3578615	0	0	7507916	1192872	15015832	22523748	0	3578615			0		22523748	0	0
ix)	Plant and machinery Transmission lines	4109	4309		1122924	0		1122924	0	0	0	374308	0	748616	1122924	0				0		1122924	0	0
x)	Plant and machinery Others	4110	4310		6871479	0		6871479	0	0	0	2290493	0	4580986	6871479	0				0		6871479	0	0
xi)	Construction Equipment	4111	4311		2969840	0	200000	2969840	200000	0	0	989947	66667	1979893	2969840	0	200000			60598		3030438	0	0
xii)	Water Supply System/Drainage and Sewerage	4112	4312		5491496	0	1234577	5491496	1234577	0	0	1830499	411526	3660997	5491496	0	1234577			306091		5797587	0	0
xiii)	Electrical installations	4114	4314		0	0		0	0	0	0	0	0	0	0	0				0		0	0	0
xiv)	Vehicles	4115	4315		9512982	0		9512982	0	0	0	3170994	0	6341988	9512982	0				0		9512982	0	0
xv)	Aircraft/ Boats	4116	4316		0	0		0	0	0	0	0	0	0	0	0				0		0	0	0
xvi)	Furniture and fixture	4117	4317		6182382	0		6182382	0	0	0	2060794	0	4121588	6182382	0				438604		6620986	0	0
xvii)	Computers	4118	4318		2488765	0		2488765	0	0	0	829588	0	1659177	2488765	0				1120790	27176	3587379	0	0
xviii)	Communication Equipment	4119	4319		1402101	0	922509	1402101	922509	0	0	467367	307503	934734	1402101	0	922509			875748		2277849	0	0
xix)	Office Equipments	4120	4320		4249361	0		4249361	0	0	0	1416454	0	2832907	4249361	0				0		0	0	0
xx)	Research and Development	4121	4321		0	0		0	0	0	0	0	0	0	0	0				0		0	0	0
xi)	Computer Software	4122	4322		54470	0		54470	0	0	0	18157	0	36313	54470	0				0		54470	0	0
xxi)	Other assets	4125	4325		8328933	0	1798247	8328933	1798247	0	0	2776311	599416	5552622	8328933	0	1798247			1425215		9754148	0	0
xxii)	Tangible Assets of minor value >750 and < Rs 5000	4128	4328		2254	0		2254	0	0	0	751	0	1503	2254	0				179511		181765	0	0
	IEDC and S&I (Part of Capital Cost)		4375			785486902		0				0		785486902	0	-213743755						0	0	
	IEDC		4380					0				0		0								0		
	IEDC		4381					0				0		0								0		
	S&I		4300																			0		
	Total (A)				50124832262	4202116457	1537536670	47957745349	1302439769	2127086913	235096901	18126335362	669243492	36200613737	54421427848	-109980544	1509004348	0	-13875662	519791592	80685211	55080367428	71671220	-219833199
	IDC in (A) above			772414162	705527042	66887120		672317713		33203939		257315233		515098929	772744418	0				1320176			0	
	FC in (A) above			1956144	1786752	169392		1702645		84103		651653		1304491	1956144	0				0			0	
	IEDC in (A) above			9249757051	8449302664	800454387		805187835		397424089		3081383614		6168373437	9234551113	-213743755				-15205938			0	
	S&I			1363807682	1246320230	117287452		1187846721		58674009		454622749		909184933	1363807682	0				0			0	



FORM-10

Financing of Additional Capitalisation

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga Power
Date of Commercial Operation : 24.05.2018

(Amount in Rs. Lakhs)

Financial Year (Starting from COD) [1]	Actual / projected	Admitted
	2018-19	2018-19
1	2	7
Amount capitalised in Work / Equipment	9,571.27	
Financing Details		
Loan-1		
Loan-2		
Loan-3 and so on		
Total Loan[2]		
Equity		
Internal Resources	9,571.27	
Others (Pl. specify)		
Total	9,571.27	

Note:

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

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

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

Form-11

Calculation of Depreciation

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

(Amount in Rs. Lakhs)

Sl. No.	Name of the Assets[1]	Linkage	Gross block	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation amount
1	Land – Freehold*	410101	Not Applicable as lower rate of depreciation @1.5% for initial 10 years has been adopted.		
2	Land – Leasehold	410111			
3	Land – Right to use	410121			
4	Roads and Bridges	4102			
5	Buildings	4103			
6	Railway sidings	4105			
7	Hydraulic Works(Dams, Water Conductor system, Hydro mechanical gates, tunnels)	4106			
8	Generating Plant and machinery	4107			
9	Plant and machinery Sub station	4108			
10	Plant and machinery Transmission lines	4109			
11	Plant and machinery Others	4110			
12	Construction Equipment	4111			
13	Water Supply System/Drainage and Sewerage	4112			
14	Electrical installations	4114			
15	Vehicles	4115			
16	Aircraft/ Boats	4116			
17	Furniture and fixture	4117			
18	Computers	4118			
19	Communication Equipment	4119			
20	Office Equipments	4120			
21	Computer Software	4122			
22	Other assets	4125			
23	Tangible Assets of minor value >750 and < Rs.5000	4128			
	TOTAL (Rs. In lakh)				
	Weighted Average Depreciation Rate (%) of depreciation				

* 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
M/s Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

For NHPC

M G Gokhale
GM (Comml.)

FORM-12

Statement of Depreciation

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

(₹ in lakh)

Sl. No.	Particulars	2018-19	
		18.05.2018 to 23.05.2018	24.05.2018 to 31.03.2019
		1 unit	3 units
	No. of days:	6	312
1	2	3	4
	Opening Capital Cost	186,822.76	565,928.76
	Closing Capital Cost	186,822.76	575,500.02
	Average Capital Cost	**186822.76**	**570714.39**
	Freehold land*	0.00	0.00
	Rate of depreciation	1.50%	1.50%
	Depreciable value	168140.48	513642.95
	Balance useful life at the beginning of the period	35	35
	Remaining depreciable value	168140.48	513596.89
	Depreciation (for the period)	**46.07**	**7317.65**
	Depreciation (annualised)	**2802.34**	**8560.72**
	Cumulative depreciation at the end of the period	46.07	7363.72
	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009 / Station COD, whichever is later.	0.00	10.32
	Less: Cumulative depreciation adjustment on account of de-capitalisation	0.00	0.00
	Net Cumulative depreciation at the end of the period	46.07	7353.39

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

For
M/s. Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. FRN. 005487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM-13

Name of the Company: NHPC Limited
Name of the Power Station: KISHANGANGA H E PROJECT

Calculation of Weighted Average Rate of Interest on Actual Loans[1]

(Rs in Lac)

Sl. no.	Particulars	2018-19			
		Upto 17.05.2018 All 3 Units are Construction	During the period from 18.05.2018 to 23.05.2018 2 unit are Construction	During the period from 18.05.2018 to 23.05.2018 1 unit is O&M	During the period from 24.05.2018 to 31.03.2019 all 3 units are O&M
1	2	3	4	5	6
1	**R3-SERIES BONDS**				
	Gross loan - Opening	900.00	603.08	296.92	900.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00
	Net loan - Opening	900.00	603.08	296.92	900.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	90.00
	Net loan - Closing	900.00	603.08	296.92	810.00
	Average Net Loan	900.00	603.08	296.92	855.00
	Rate of Interest on Loan	8.78%	8.78%	8.78%	8.78%
	Interest on loan	10.18	0.87	0.43	66.49
2	**S2-SERIES BONDS**				
	Gross loan - Opening	5343.00	3580.29	1762.71	5343.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00
	Net loan - Opening	5343.00	3580.29	1762.71	5343.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	445.25
	Net loan - Closing	5343.00	3580.29	1762.71	4897.75
	Average Net Loan	5343.00	3580.29	1762.71	5120.38
	Rate of Interest on Loan	8.54%	8.54%	8.54%	8.54%
	Interest on loan	58.76	5.03	2.47	376.91
3	**T-SERIES BONDS**				
	Gross loan - Opening	723.00	484.47	238.53	723.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00
	Net loan - Opening	723.00	484.47	238.53	723.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00
	Net loan - Closing	723.00	484.47	238.53	723.00
	Average Net Loan	723.00	484.47	238.53	723.00
	Rate of Interest on Loan	8.50%	8.50%	8.50%	8.50%
	Interest on loan	7.91	0.68	0.33	52.53
4	**V-Series Bonds**				
	Gross loan - Opening	578.26	387.48	190.77	578.26
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00
	Net loan - Opening	578.26	387.48	190.77	578.26
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	578.26
	Net loan - Closing	578.26	387.48	190.77	0.00
	Average Net Loan	578.26	387.48	190.77	289.13
	Rate of Interest on Loan	6.84%	6.84%	6.84%	6.84%
	Interest on loan	5.09	0.44	0.21	26.66
5	**V2-SERIES BONDS**				
	Gross loan - Opening	4626.00	3099.83	1526.17	4626.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00
	Net loan - Opening	4626.00	3099.83	1526.17	4626.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00
	Net loan - Closing	4626.00	3099.83	1526.17	4626.00
	Average Net Loan	4626.00	3099.83	1526.17	4626.00
	Rate of Interest on Loan	7.52%	7.52%	7.52%	7.52%
	Interest on loan	44.79	3.83	1.89	297.36
6	**W1-SERIES BONDS**				
	Gross loan - Opening	1784.63	1195.86	588.77	1784.63
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00
	Net loan - Opening	1784.63	1195.86	588.77	1784.63
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	356.93
	Net loan - Closing	1784.63	1195.86	588.77	1427.70
	Average Net Loan	1784.63	1195.86	588.77	1606.17
	Rate of Interest on Loan	6.91%	6.91%	6.91%	6.91%
	Interest on loan	15.88	1.36	0.67	92.03
7	**W2-SERIES BONDS**				
	Gross loan - Opening	1447.12	969.70	477.42	1447.12
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00
	Net loan - Opening	1447.12	969.70	477.42	1447.12
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00
	Net loan - Closing	1447.12	969.70	477.42	1447.12
	Average Net Loan	1447.12	969.70	477.42	1447.12
	Rate of Interest on Loan	7.35%	7.35%	7.35%	7.35%
	Interest on loan	13.70	1.17	0.58	90.92
8	**SUB-ORDINATE DEBTS**				
	Gross loan - Opening	0.00	0.00	0.00	267667.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	267667.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	47834.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	315501.00
	Average Net Loan	0.00	0.00	0.00	291584.00
	Rate of Interest on Loan	0.00%	0.00%	0.00%	1.00%
	Interest on loan	0.00	0.00	0.00	2691.34
9	**X-Series Bonds**				
	Gross loan - Opening	0.00	0.00	0.00	0.00

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

FORM-13

Name of the Company: NHPC Limited
Name of the Power Station: KISHANGANGA H E PROJECT

Calculation of Weighted Average Rate of Interest on Actual Loans[1]

(Rs in Lac)

Sl. no.	Particulars	2018-19			
		Upto 17.05.2018 All 3 Units are Construction	During the period from 18.05.2018 to 23.05.2018 2 unit are Construction	During the period from 18.05.2018 to 23.05.2018 1 unit is O&M	During the period from 24.05.2018 to 31.03.2019 all 3 units are O&M
1	2	3	4	5	6
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	0.00	0.00	0.00
	Add: Drawal(s) during the Year	0.00	0.00	0.00	2300.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00
	Net loan - Closing	0.00	0.00	0.00	2300.00
	Average Net Loan	0.00	0.00	0.00	1150.00
	Rate of Interest on Loan	0.00%	0.00%	0.00%	8.65%
	Interest on loan	0.00	0.00	0.00	28.34
	TOTAL LOANS				
	Gross loan - Opening	15402.01	10320.71	5081.29	283069.01
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00
	Net loan - Opening	15402.01	10320.71	5081.29	283069.01
	Add: Drawal(s) during the Year	0.00	0.00	0.00	50134.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	1470.44
	Net loan - Closing	15402.01	10320.71	5081.29	331732.57
	Average Net Loan	15402.01	10320.71	5081.29	307400.79
	Interest on loan	156.31	13.38	6.58	3722.58
	Weighted average Rate of Interest on Loans**	7.88%	7.89%	7.88%	1.42%

[1] In case of Foreign Loans, the calculations in Indian Rupees is to be furnished. However, the calculations in Orginal currency is also to be furnished seperately in the same form.

** Weighted average rate of interest on loan= Interest on loan/Average Net Loan*365/Actual No. of Days.

For
M/s Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

Annexure to Form -13

Name of the Company NHPC Limited
Name of the Power Station KISHANGANGA H E PROJECT

Calculation of Interest taken in Form 13

Figures in lacs

Sl. No.	Pricipal	Date of Repayment	Amount of Installment	From	To	Days	Interest Rate (%)	Interest	Intt. in form 13	
									Construction	O&M*
1	R3-SERIES BONDS									
	900.00			01-Apr-18	17-May-18	47	8.78%	10.18	10.18	0.00
	900.00			18-May-18	23-May-18	6	8.78%	1.30	0.87	0.43
	900.00			24-May-18	10-Feb-19	263	8.78%	56.94	0.00	56.94
	810.00	11-Feb-19	90.00	11-Feb-19	31-Mar-19	49	8.78%	9.55	0.00	9.55
			90.00			**365**		**77.96**	**11.05**	**66.92**
2	S2-SERIES BONDS									
	5343.00			01-Apr-18	17-May-18	47	8.54%	58.76	58.76	0.00
	5343.00			18-May-18	23-May-18	6	8.54%	7.50	5.03	2.47
	5343.00			24-May-18	25-Nov-18	186	8.54%	232.52	0.00	232.52
	4897.75	26-Nov-18	445.25	26-Nov-18	31-Mar-19	126	8.54%	144.39	0.00	144.39
			445.25			**365**		**443.17**	**63.79**	**379.38**
3	T-SERIES BONDS									
	723.00			01-Apr-18	17-May-18	47	8.50%	7.91	7.91	0.00
	723.00			18-May-18	23-May-18	6	8.50%	1.01	0.68	0.33
	723.00			24-May-18	31-Mar-19	312	8.50%	52.53	0.00	52.53
			0.00			**47**		**61.46**	**8.59**	**52.86**
4	V-Series Bonds									
	578.26			01-Apr-18	17-May-18	47	6.84%	5.09	5.09	0.00
	578.26			18-May-18	23-May-18	6	6.84%	0.65	0.44	0.21
	578.26	24-Jan-19	578.26	24-May-18	24-Jan-19	246	6.84%	26.66	0.00	26.66
			578.26			**299**		**32.40**	**5.53**	**26.87**
5	V2-SERIES BONDS									
	4626.00			01-Apr-18	17-May-18	47	7.52%	44.79	44.79	0.00
	4626.00			18-May-18	23-May-18	6	7.52%	5.72	3.83	1.89
	4626.00			24-May-18	31-Mar-19	312	7.52%	297.36	0.00	297.36
			0.00			**365**		**347.88**	**48.62**	**299.25**
6	W1-SERIES BONDS									
	1784.63			01-Apr-18	17-May-18	47	6.91%	15.88	15.88	0.00
	1784.63			18-May-18	23-May-18	6	6.91%	2.03	1.36	0.67
	1784.63			24-May-18	14-Sep-18	114	6.91%	38.52	0.00	38.52
	1427.70	15-Sep-18	356.93	15-Sep-18	31-Mar-19	198	6.91%	53.52	0.00	53.52
			356.93			**365**		**109.94**	**17.24**	**92.70**
7	W2-SERIES BONDS									
	1447.12			01-Apr-18	17-May-18	47	7.35%	13.70	13.70	0.00
	1447.12			18-May-18	23-May-18	6	7.35%	1.75	1.17	0.58
	1447.12			24-May-18	31-Mar-19	312	7.35%	90.92	0.00	90.92
			0.00			**365**		**106.36**	**14.87**	**91.50**
8	SUB-ORDINATE DEBTS									
	267667.00			24-May-18	24-May-18	1	1.00%	7.33	0.00	7.33
	314961.00			25-May-18	06-Mar-19	286	1.00%	2467.91	0.00	2467.91
	315501.00			07-Mar-19	31-Mar-19	25	1.00%	216.10	0.00	216.10
			0.00			**312**		**2691.34**	**0.00**	**2691.34**
9	X-Series Bonds									
	2300.00			08-Feb-19	31-Mar-19	52	8.65%	28.34	0.00	28.34
			0.00			**52**		**28.34**	**0.00**	**28.34**
	GRAND TOTAL							**3898.85**	**169.69**	**3729.16**

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

FORM-13A

Calculation of Interest on Normative Loan

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga HEP

(Amount in Lakhs)

Sl. No.	Particulars	2018-19	
		18.05.2018 to 23.05.2018	24.05.2018 to 31.03.2019
		1 unit	3 units
	No. of days:	6	312
1	2	3	4
	Gross Normative loan - Opening	130775.93	396150.13
	Cumulative repayment of Normative loan upto previous year	0.00	0.00
	Net Normative loan - Opening	130775.93	396150.13
	Add: Increase due to addition during the year / period	0.00	3547.99
	Less: Decrease due to de-capitalisation during the year / period	0.00	564.83
	Less: Decrease due to reversal during the year / period	0.00	0.00
	Add: Increase due to discharges during the year / period	0.00	3716.73
	Less: Repayment of loan during the year	2802.34	8560.72
	Net Normative loan - Closing	**127973.59**	**394289.30**
	Average Normative loan	**129374.76**	**395219.72**
	Weighted average rate of interest (annual)	**7.88%**	**1.42%**
	Interest on Loan (annualized)	**10190.85**	**5599.08**
	Interest on Loan (pro-rata)	**167.52**	**4786.06**

For
M/s Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM-13B

Calculation of Interest on Working Capital

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga HEP

(Amount in Rs. Lakhs)

Sl. No.	Particulars	2018-19	
		18.05.2018 to 23.05.2018	24.05.2018 to 31.03.2019
		1 unit	3 units
	No. of days:	6	312
1	2	3	4
1	O & M Expenses	330.39	991.17
2	Maintenance Spares	594.70	1784.11
3	Receivables	4925.31	10664.30
4	Total Working Capital	5850.41	13439.59
5	Rate of Interest	12.20%	12.20%
6	**Interest on Working Capital (annualized)**	**713.75**	**1639.63**
7	**Interest on Working Capital (pro-rata)**	**11.73**	**1401.55**

For
M/s Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

For NHPC LTD.

M G Gokhale
GM (Comml.)

PART-II

FORM-13-C

Other Income as on actual COD

Name of the Petitioner : NHPC Limited

Name of the Generating Station : Kishanganga Power station

(Amount in Lakhs)

Sl. No.	Particulars	HOA	24.05.2018
1	2	3	4
1	Income from generation of electricity – Pre commisioning	437570	365.15
2	Interest on loans and advances	437571	11124.24
3	Miscellaneous receipts	437572	641.69
4	Profit on sale of assets	437573	2.51
5	Provision/Liability not required written back	437574	4381.90
6	Hire charges/ outturn on plant and machinery	437575	92.29
...	**Total**		**16607.79**
...	...		

For
M/s Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

PART-II
FORM-13D

Incidental Expenditure during Construction

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga Power station

(Amount in Lakhs)

Sl. No.	Particulars	Up to Schedule COD(Jan-16)	Upto actulal COD(24.05.2018)
1	2	7	8
A	**Expenses:**		
1	Employees' Benefits Expenses	17800.44	26417.80
2	Repair and Maintenance	12279.77	30944.40
2	Finance Costs	4507.85	7757.01
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 Expensces	included in above sl no.2	
7	Others (Please Specify Details)		
7(a)	Provisions	2.19	2.19
7(b)	Depreication	5019.90	7234.94
7(c)	Prior Period Exp.	193.16	193.16
7(d)	Corp. Office Exp.	40109.16	44160.81
8	Other pre-Operating Expenses		
	Total Expenses (A)	**79912.48**	**116710.31**
B	**Total Expenses**		
	Less: Income from generation of electricity – Pre commisioning (**Infirm Power**)		365.15
	Less: Interest on loans and advances	10794.98	11124.24
	Less:Miscellaneous receipts	348.58	641.69
	Less:Profit on sale of assets	2.51	2.51
	Less: Provision/Liability not required written back	4254.28	4381.90
	Less:Hire charges/ outturn on plant and machinery	12.99	92.29
	Sub-Total (B)	**15413.33**	**16607.79**
	Total (A - B)	**64499.14**	**100102.52**
Note:-	**Reconcilation With Form-9E**		
	IEDC without IDC & FC as per Form-13D		**92345.51**
	IEDC as per Form-9E		**92345.51**

For
M/s Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM-14

Name of the Company NHPC LTD.

Name of the Power Station KISHANGANGA HE PROJECT

(Rs in Lac)

NHPC LTD.
KISHANGANGA HE PROJECT

Draw Down Schedule for Calculation of IDC & Financing Charges

KGHEP 14-19-Truing up

Sl. No.	Particulars	2001-02					2002-03					2003-04					2004-05					2005-06					2006-07					
	Draw Down	Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL	Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL	Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL	Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL	Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL	Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL	Qtr1
Sl. No.	Particulars	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR
1	Loans																															
1.2	Indian Loans																															
1.2.1	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	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	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	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	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	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	0.00	0.00	0.00	0.00
1.2.2	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	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	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	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	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	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	0.00	0.00	0.00	0.00
1.2.3	STATE BANK OF INDIA - 1000 Crores																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.4	STATE BANK OF HYDERABAD																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.5	STATE BANK OF INDIA - 400 Crores																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.6	Normative Loan(IR Deployed)																															
	Draw down Amount	0.00	0.00	0.00	200.00	200.00	0.00	0.00	0.00	149.00	149.00	0.00	0.00	0.00	177.00	177.00	0.00	0.00	0.00	421.00	421.00	0.00	0.00	0.00	414.00	414.00	0.00	0.00	0.00	464.00	464.00	0.00
	IDC	0.00	0.00	0.00	12.52	12.52	0.00	0.00	0.00	32.00	32.00	0.00	0.00	0.00	46.00	46.00	0.00	0.00	0.00	67.00	67.00	0.00	0.00	0.00	93.00	93.00	0.00	0.00	0.00	127.00	127.00	0.00
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
	TOTAL																															
	Draw down Amount	0.00	0.00	0.00	200.00	200.00	0.00	0.00	0.00	149.00	149.00	0.00	0.00	0.00	177.00	177.00	0.00	0.00	0.00	421.00	421.00	0.00	0.00	0.00	414.00	414.00	0.00	0.00	0.00	464.00	464.00	0.00
	IDC	0.00	0.00	0.00	12.52	12.52	0.00	0.00	0.00	32.00	32.00	0.00	0.00	0.00	46.00	46.00	0.00	0.00	0.00	67.00	67.00	0.00	0.00	0.00	93.00	93.00	0.00	0.00	0.00	127.00	127.00	0.00
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
1.2.7	R3-SERIES BONDS																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.8	S2-SERIES BONDS																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.9	T-SERIES BONDS																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.10	V-SERIES BONDS																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.11	V2-SERIES BONDS																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.12	W1-SERIES BONDS																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.13	W2-SERIES BONDS																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.14	GOVT. OF INDIA LOANS																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2	Total Indian Loans																															
	Draw down Amount	0.00	0.00	0.00	200.00	200.00	0.00	0.00	0.00	149.00	149.00	0.00	0.00	0.00	177.00	177.00	0.00	0.00	0.00	421.00	421.00	0.00	0.00	0.00	414.00	414.00	0.00	0.00	0.00	464.00	464.00	0.00
	IDC	0.00	0.00	0.00	12.52	12.52	0.00	0.00	0.00	32.00	32.00	0.00	0.00	0.00	46.00	46.00	0.00	0.00	0.00	67.00	67.00	0.00	0.00	0.00	93.00	93.00	0.00	0.00	0.00	127.00	127.00	0.00
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
3.1	Foreign equity drawn	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	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
3.2	Indian equity drawn	0.00	0.00	0.00	85.00	85.00	0.00	0.00	0.00	64.00	64.00	0.00	0.00	0.00	77.00	77.00	0.00	0.00	0.00	180.00	180.00	0.00	0.00	0.00	178.00	178.00	0.00	0.00	0.00	198.00	198.00	0.00
	Total equity deployed	0.00	0.00	0.00	85.00	85.00	0.00	0.00	0.00	64.00	64.00	0.00	0.00	0.00	77.00	77.00	0.00	0.00	0.00	180.00	180.00	0.00	0.00	0.00	178.00	178.00	0.00	0.00	0.00	198.00	198.00	0.00

For
M/s. Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

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FORM-14
Name of the Company
Name of the Power Station

(Rs In Lacs)

NHPC LTD.
KISHANGANGA HE PROJECT

(Rs In Lacs)

Draw Down Schedule for Calculation of I

Sl. No.	Particulars	2007-08 Amount in INR	2007-08 Amount in INR	2007-08 Amount in INR	2007-08 Amount in INR	2008-09 Amount in INR	2008-09 Amount in INR	2008-09 Amount in INR	2008-09 Amount in INR	2008-09 Amount in INR	2009-10 Amount in INR	2009-10 Amount in INR	2009-10 Amount in INR	KGHEP 14-15-Tming up Amount in INR	KGHEP 14-15-Tming up Amount in INR	2010-11 Amount in INR	2010-11 Amount in INR	2010-11 Amount in INR	2010-11 Amount in INR	2010-11 Amount in INR	2011-12 Amount in INR	2011-12 Amount in INR	2011-12 Amount in INR	2011-12 Amount in INR	2011-12 Amount in INR	2012-13 Amount in INR	2012-13 Amount in INR	2012-13 Amount in INR	2012-13 Amount in INR	2012-13 Amount in INR	2012-13 Amount in INR	2012-13 Amount in INR
	Draw Down	Qtr. 2	Qtr.3	Qtr.4	TOTAL	Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL	Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL	Qtr1	Qtr. 2	Qtr.3	Qtr.4	TOTAL	Qtr1	Qtr. 2	Qtr. 3	Qtr. 4	TOTAL	Qtr1	Qtr. 2	Qtr. 3	Qtr. 4	TOTAL	Qtr1	Qtr. 2
1	Loans																															
1.2	Indian Loans																															
1.2.1	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6439.00	6439.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	161.57	161.57	169.35	170.41	170.41	164.32	674.49	164.51	166.36
	Financing charges	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	0.00	0.00	0.00	0.00	0.00	2.00	2.00	2.50	2.50	2.50	2.50	10.00	2.50	0.40
1.2.2	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	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	500.00	0.00	0.00	0.00	500.00	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	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	0.58	12.23	13.23	12.78	38.82	12.78	12.92
	Financing charges	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00	0.09	0.18	0.11	0.00
1.2.3	STATE BANK OF INDIA - 108																															
	Draw down Amount	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.00	142.00	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	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	0.16	0.16	3.61	3.65
	Financing charges	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.74	0.01	0.00
1.2.4	STATE BANK OF HYDERAB																															
	Draw down Amount	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	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	3575.00
	IDC	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	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	34.97
	Financing charges	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	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	0.80
1.2.5	STATE BANK OF INDIA - 465																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.6	Normative Loan (IR Disclosed)																															
	Draw down Amount	0.00	0.00	1621.00	1621.00	0.00	0.00	0.00	8958.00	8958.00	167.00	426.00	2201.00	5154.00	7948.00	2366.00	-10516.00	-9419.00	8167.00	-9402.00	-11134.00	12886.00	-11647.00	13381.00	3486.00	7312.00	-14826.00	17256.00	16552.00	26084.00	-24113.00	30299.00
	IDC	0.00	0.00	216.00	216.00	0.00	0.00	0.00	675.00	675.00	272.00	276.00	296.00	381.00	1225.00	475.00	466.00	252.00	137.00	1330.00	346.00	172.00	132.00	53.00	703.00	525.00	299.00	473.00	937.00	2234.00	708.00	674.00
	Financing charges	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	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
	TOTAL																															
	Draw down Amount	0.00	0.00	1621.00	1621.00	0.00	0.00	0.00	8958.00	8958.00	167.00	426.00	2201.00	5154.00	7948.00	2366.00	-10516.00	-9419.00	8167.00	-9402.00	-11134.00	12886.00	-11647.00	19820.00	9925.00	7312.00	-14826.00	17256.00	16552.00	26084.00	-24113.00	30299.00
	IDC	0.00	0.00	216.00	216.00	0.00	0.00	0.00	675.00	675.00	272.00	276.00	296.00	381.00	1225.00	475.00	466.00	252.00	137.00	1330.00	346.00	172.00	132.00	214.57	764.57	694.93	482.64	656.64	1104.28	2938.47	889.94	891.90
	Financing charges	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	0.00	0.00	0.00	0.00	0.00	3.59	3.59	0.49	0.35	0.35	1.15	2.33	0.64	1.20
1.2.7	R3-SERIES BONDS																															
	Draw down Amount	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	900.00	900.00	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	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	10.81	10.81	19.70	19.92
	Financing charges	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35	1.35	0.15	0.00
1.2.8	S2-SERIES BONDS																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.9	T-SERIES BONDS																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.10	V-SERIES BONDS																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.11	V2-SERIES BONDS																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.12	W1-SERIES BONDS																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.13	W2-SERIES BONDS																															
	Draw down Amount	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	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
	IDC	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	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
	Financing charges	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	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
1.2.14	GOVT. OF INDIA LOANS																															
	Draw down Amount	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	21000.00	11800.00	3800.00	36600.00	15573.00	0.00	21716.00	3555.00	39844.00	0.00	27037.00	0.00	0.00	27037.00	36327.00	0.00
	IDC	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.05	0.00	0.00	6.05	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	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	0.00	0.00	0.00	0.00
1.2	Total Indian Loans	0.00	0.00	1621.00	1621.00	0.00	0.00	0.00	8958.00	8958.00	167.00	426.00	2201.00	5154.00	7948.00	2366.00	10466.00	2381.00	12967.00	28198.00	4439.00	12886.00	10069.00	22375.00	49769.00	7812.00	12311.00	17256.00	17394.00	54673.00	14314.00	30388.00
	Draw down Amount	0.00	0.00	1621.00	1621.00	0.00	0.00	0.00	8958.00	8958.00	167.00	426.00	2201.00	5154.00	7948.00	2366.00	10466.00	2381.00	12967.00	28198.00	4439.00	12886.00	10069.00	22375.00	49769.00	7812.00	12311.00	17256.00	17394.00	54673.00	14314.00	30388.00
	IDC	0.00	0.00	216.00	216.00	0.00	0.00	0.00	675.00	675.00	272.00	276.00	296.00	381.00	1225.00	475.00	466.00	252.00	137.00	1330.00	346.00	172.00	132.00	214.57	764.57	694.93	482.64	656.64	1104.28	2938.47	889.94	891.90
	Financing charges	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	0.00	0.00	0.00	0.00	0.00	3.59	3.59	0.49	0.35	0.35	1.15	2.33	0.64	1.20
3.1	Foreign equity drawn	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	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
3.2	Indian equity drawn	0.00	0.00	694.00	694.00	0.00	0.00	0.00	3797.00	3797.00	72.00	182.00	944.00	2209.00	3407.00	1013.00	4484.00	1020.00	5557.00	12084.00	1903.00	5522.00	4315.00	9590.00	21330.00	3348.00	5233.00	7396.00	7454.00	23431.00	6092.00	8705.00
	Total equity deployed	0.00	0.00	694.00	694.00	0.00	0.00	0.00	3797.00	3797.00	72.00	182.00	944.00	2209.00	3407.00	1013.00	4484.00	1020.00	5557.00	12084.00	1903.00	5522.00	4315.00	9590.00	21330.00	3348.00	5233.00	7396.00	7454.00	23431.00	6092.00	8705.00

For
M/s. Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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FORM-14
Name of the Company NHPC LTD.
Name of the Power Station KISHANGANGA HE PROJECT

(Rs in Lac)

Draw Down Schedule for Calculation of I

KGHEP 14-19-Truing up

Sl. No.	Particulars	2013-14 Qtr. 3	2013-14 Qtr. 4	2013-14 TOTAL	2014-15 Qtr1	2014-15 Qtr. 2	2014-15 Qtr. 3	2014-15 Qtr. 4	2014-15 TOTAL	2015-16 Qtr1	2015-16 Qtr. 2	2015-16 Qtr. 3	2015-16 Qtr. 4	2015-16 TOTAL	2016-17 Qtr1	2016-17 Qtr2	2016-17 Qtr. 3	2016-17 Qtr. 4	2016-17 TOTAL	2017-18 Qtr1	2017-18 Qtr2	2017-18 Qtr. 3	2017-18 Qtr. 4	2017-18 TOTAL	2018-19 Q1 (Upto 17.05.2018 all 3 Units Cost.)	2018-19 Q1 (From 18.05.2018 to 23.05.2018 1 Unit O&M and 2 Units ...)	TOTAL UPTO COD	Cumulative Total
	Drew Down	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR	Amount in INR		Amount in INR
1	Loans																											
1.2	Indian Loans																											
1.2.1	Corporation Bank																											
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	-134.15	-134.15	-134.15	-134.15	-134.15	-134.15	-536.58	-134.15	-134.15	-134.15	-134.15	-536.58	-5231.69	0.00	0.00	0.00	-5231.69	0.00	0.00	0.00	0.00
	IDC	166.36	162.74	660.01	164.59	166.36	166.30	159.50	656.77	156.63	151.51	143.99	138.54	590.67	135.22	133.55	130.30	124.61	523.78	80.77	0.00	0.00	0.00	80.77	0.00	0.00	0.00	3347.96
	Financing charges	0.40	0.52	1.82	0.30	0.30	0.30	0.32	1.22	0.15	0.15	0.15	0.20	0.65	0.15	0.15	0.15	0.21	0.66	0.05	0.05	0.05	0.04	0.19	0.00	0.00	0.00	9.44
1.2.2	SYNDICATE BANK																											
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	-10.42	-10.42	-10.42	-10.42	-10.42	-10.42	-41.67	-10.42	-10.42	-10.42	-10.42	-41.67	-406.25	0.00	0.00	0.00	-406.25	0.00	0.00	0.00	0.00
	IDC	12.92	12.64	51.26	12.78	12.92	12.92	12.46	51.08	12.26	11.81	11.30	10.99	46.36	10.64	10.40	10.14	9.70	40.88	6.95	0.00	0.00	0.00	6.95	0.00	0.00	0.00	238.35
	Financing charges	0.00	0.04	0.14	0.05	0.00	0.00	0.05	0.10	0.00	0.00	0.00	0.05	0.05	0.05	0.00	0.00	0.00	0.05	0.02	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.47
1.2.3	STATE BANK OF INDIA - 100																											
	Draw down Amount	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	-2.96	-2.96	-2.96	-2.96	-11.83	-2.96	-127.21	0.00	0.00	-130.17	0.00	0.00	0.00	0.00
	IDC	3.72	3.67	14.65	3.71	3.70	3.67	3.59	14.67	3.67	3.55	3.33	3.29	13.74	3.28	3.21	3.14	3.00	12.63	2.91	2.12	0.00	0.00	5.03	0.00	0.00	0.00	60.88
	Financing charges	0.00	0.00	0.08	0.03	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84
1.2.4	STATE BANK OF HYDERABA																											
	Draw down Amount	0.00	0.00	3575.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-74.48	-74.48	-74.48	-74.48	-74.48	-3277.08	-3500.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	IDC	91.91	89.91	216.79	90.91	91.91	91.90	89.85	364.58	90.02	89.81	87.99	86.55	354.36	84.80	83.91	81.77	10.45	260.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1196.66
	Financing charges	0.10	0.11	1.01	0.20	0.15	0.15	0.18	0.68	0.10	0.08	0.08	0.10	0.36	0.10	0.09	0.09	0.09	0.37	0.05	0.00	0.00	0.06	0.11	0.00	0.00	0.00	2.53
1.2.5	STATE BANK OF INDIA - 460																											
	Draw down Amount	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	3277.08	3277.08	-86.27	-3190.81	0.00	0.00	-3277.08	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	0.00	0.00	0.00	0.00	0.00	0.00	56.02	56.02	64.19	52.28	0.00	0.00	116.47	0.00	0.00	0.00	172.50
	Financing charges	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1.2.6	Normative Loan (IR Deployed)																											
	Draw down Amount	-692.00	18375.00	10294.00	14713.00	-32989.00	5538.00	8066.00	-4332.00	6001.00	10761.00	-6377.00	908.00	11293.00	10114.00	5795.00	5921.00	2979.00	24809.00	10469.00	6153.00	-20184.00	8947.00	5395.00	26557.00	-2145.00	24412.00	113081.00
	IDC	702.00	1125.00	3209.00	1536.00	1690.00	973.00	1133.00	5332.00	1227.00	1450.00	1331.00	1442.00	5450.00	1475.00	1695.00	1833.00	1938.00	6941.00	1968.00	2184.00	2225.00	1981.00	8358.00	915.00	49.00	964.00	26864.52
	Financing charges	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL																											
	Draw down Amount	-692.00	18375.00	13869.00	14713.00	-32989.00	5538.00	7921.44	-4696.56	5856.44	10616.44	-6521.56	688.96	10640.27	9892.00	5573.00	5699.00	2831.48	22995.48	4741.83	2844.98	-20184.00	8947.00	-3650.19	26557.00	-2145.00	24412.00	113081.00
	IDC	976.91	1393.96	4151.71	1807.95	1964.99	1247.85	1398.40	6419.10	1489.38	1706.78	1577.61	1681.27	6455.03	1709.04	1926.07	2058.35	2141.79	7835.24	2123.82	2238.40	2225.00	1881.00	8467.22	915.00	49.00	964.00	41818.87
	Financing charges	0.50	0.67	3.02	0.58	0.45	0.45	0.55	2.03	0.26	0.23	0.23	0.35	1.07	0.31	0.24	0.24	0.30	1.09	0.12	0.05	0.05	0.10	0.32	0.00	0.00	0.00	13.28
1.2.7	R3-SERIES BONDS																											
	Draw down Amount	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	900.00
	IDC	19.92	19.48	79.02	19.70	19.92	19.92	19.48	79.02	19.70	19.92	19.92	19.68	79.22	19.65	19.86	19.86	19.46	78.83	19.70	19.92	19.92	19.48	79.02	10.17	0.87	11.04	416.76
	Financing charges	0.10	0.15	0.40	0.04	0.10	0.07	0.00	0.21	0.05	0.00	0.00	0.05	0.10	0.10	0.00	0.00	0.00	0.10	0.03	0.01	0.00	0.00	0.04	0.00	0.00	0.00	2.20
1.2.8	S2-SERIES BONDS																											
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	5343.00	0.00	5343.00	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	5343.00
	IDC	0.00	0.00	0.00	0.00	0.00	45.00	112.51	157.51	113.76	115.01	114.89	113.45	457.11	113.45	114.70	114.81	112.51	455.47	113.76	115.01	115.01	112.51	456.29	58.75	5.03	63.78	1590.16
	Financing charges	0.00	0.00	0.00	0.00	0.00	1.05	1.00	2.05	0.25	0.05	0.15	0.10	0.55	0.25	0.10	0.10	0.10	0.55	0.10	0.02	0.00	0.06	0.18	0.00	0.00	0.00	3.33
1.2.9	T-SERIES BONDS																											
	Draw down Amount	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	723.00	0.00	0.00	723.00	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	723.00
	IDC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.26	15.45	15.28	43.99	15.28	15.48	15.49	15.15	61.40	15.32	15.49	15.49	15.15	61.45	7.91	0.68	8.59	175.43
	Financing charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.07	0.00	0.19	0.05	0.02	0.00	0.00	0.07	0.02	0.01	0.00	0.00	0.03	0.00	0.00	0.00	0.29
1.2.10	V-SERIES BONDS																											
	Draw down Amount	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	0.00	867.38	0.00	0.00	-289.12	578.26	0.00	0.00	0.00	578.26
	IDC	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	0.00	4.06	14.95	14.95	11.00	44.96	5.09	0.44	5.53	50.49
	Financing charges	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	0.00	0.05	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.05
1.2.11	V2-SERIES BONDS																											
	Draw down Amount	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	0.00	4626.00	0.00	0.00	0.00	4626.00	0.00	0.00	0.00	4626.00
	IDC	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	0.00	23.83	87.68	87.68	85.77	284.96	44.79	3.83	48.62	333.58000
	Financing charges	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	0.00	0.25	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.250
1.2.12	W1-SERIES BONDS																											
	Draw down Amount	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	0.00	0.00	1784.63	0.00	0.00	1784.63	0.00	0.00	0.00	1784.63
	IDC	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	0.00	0.00	5.41	31.08	30.41	66.90	15.88	1.36	17.24	84.14
	Financing charges	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	0.00	0.00	0.09	0.00	0.00	0.09	0.00	0.00	0.00	0.09
1.2.13	W2-SERIES BONDS																											
	Draw down Amount	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	0.00	0.00	1447.12	0.00	0.00	1447.12	0.00	0.00	0.00	1447.12
	IDC	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	0.00	0.00	4.66	26.81	26.22	57.69	13.67	1.17	14.84	72.53
	Financing charges	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	0.00	0.00	0.07	0.00	0.00	0.07	0.00	0.00	0.00	0.07
1.2.14	GOVT. OF INDIA LOANS																											
	Draw down Amount	24474.00	0.00	82801.00	0.00	43698.00	0.00	0.00	43698.00	0.00	0.00	20000.00	8064.00	28064.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29623.00	0.00	29623.00	0.00	0.00	0.00	257667.00
	IDC	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	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	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
1.2	Total Indian Loans																											
	Draw down Amount	23782.00	18375.00	76670.00	14713.00	10829.00	10881.00	7921.44	44344.44	8856.44	11339.44	12478.44	8782.86	28427.27	8882.00	5573.00	5699.00	2831.48	23995.48	10235.21	6076.73	9419.00	8657.88	34408.82	26557.00	-2145.00	24412.00	398150.01
	IDC	996.83	1413.44	4230.73	1827.65	1984.81	1312.77	1530.39	6655.62	1922.84	1854.97	1727.87	1829.68	7035.35	1857.42	2076.11	2208.51	2288.91	8430.94	2299.49	2501.32	2335.94	2181.34	9318.49	1071.26	62.38	1133.64	44541.98
	Financing charges	0.60	0.82	3.42	0.62	0.55	1.57	1.55	4.29	0.56	0.46	0.45	0.50	1.91	0.71	0.36	0.34	0.40	1.81	0.57	0.25	0.05	0.16	1.03	0.00	0.00	0.00	19.56
3.1	Foreign equity drawn	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3.2	Indian equity drawn	10192.00	7875.00	32839.00	6305.00	4641.00	4664.00	3395.00	19005.00	2509.00	4860.00	5777.00	3751.00	16897.00	4229.00	2389.00	2442.00	1214.00	10264.00	4388.00	2605.00	4045.00	3711.00	14747.00	11381.00	-919.00	10462.00	169779.00
	Total equity deployed	10192.00	7875.00	32839.00	6305.00	4641.00	4664.00	3395.00	19005.00	2509.00	4860.00	5777.00	3751.00	16897.00	4238.00	2389.00	2442.00	1214.00	10264.00	4388.00	2605.00	4045.00	3711.00	14747.00	11381.00	-919.00	10462.00	169779.00

For
M/s. Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For
M/s. Arora Vohra & Co.
Chartered Accountants

For NHPC LTD.
M G Gokhale
GM (Comml.)

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KISHANGANGA HEP PROJECT

Annexure-I to Form -14

Calculation of Interest taken in Form 14

Figures in lacs

Sl. No.	Pricipal	Repayment	Amount of Installment	From	to	Days	Interest Rate (%)	Interest			
								Periodic Interest	Intt. in form 14 (Construction)	Intt. in form 14 (Construction)	O&M*
1	Corporation Bank										
	6439.00			06-Jan-12	31-Mar-12	86	10.65%	161.57	161.57	161.57	0.00
	6439.00			01-Apr-12	30-Apr-12	30	10.65%	56.36			
	6439.00			01-May-12	30-Jun-12	61	10.50%	112.99	169.35	169.35	0.00
	6439.00			01-Jul-12	30-Sep-12	92	10.50%	170.41	170.41	170.41	0.00
	6439.00			01-Oct-12	31-Dec-12	92	10.50%	170.41	170.41	170.41	0.00
	6439.00			01-Jan-13	05-Feb-13	36	10.50%	66.68			
	6439.00			06-Feb-13	31-Mar-13	54	10.25%	97.64	164.32	164.32	0.00
	6439.00			01-Apr-13	30-Jun-13	91	10.25%	164.55	164.55	164.55	0.00
	6439.00			01-Jul-13	30-Sep-13	92	10.25%	166.36	166.36	166.36	0.00
	6439.00			01-Oct-13	31-Dec-13	92	10.25%	166.36	166.36	166.36	0.00
	6439.00			01-Jan-14	23-Mar-14	82	10.25%	148.27			
	6439.00			24-Mar-14	29-Mar-14	6	10.25%	10.85			
	6439.00			30-Mar-14	31-Mar-14	2	10.25%	3.62	162.74	162.74	0.00
	6439.00			01-Apr-14	30-Jun-14	91	10.25%	164.55	164.55	164.55	0.00
	6439.00			01-Jul-14	30-Sep-14	92	10.25%	166.36	166.36	166.36	0.00
	6439.00			01-Oct-14	31-Dec-14	92	10.25%	166.36	166.36	166.36	0.00
	6439.00			01-Jan-15	04-Jan-15	4	10.25%	7.23			
	6304.85	05-Jan-15	134.15	05-Jan-15	31-Mar-15	86	10.25%	152.27	159.50	159.50	0.00
	6304.85			01-Apr-15	04-Apr-15	4	10.25%	7.08			
	6170.71	05-Apr-15	134.15	05-Apr-15	31-May-15	57	10.25%	98.73			
	6170.71			01-Jun-15	30-Jun-15	30	10.00%	50.72	156.53	156.53	0.00
	6170.71			01-Jul-15	04-Jul-15	4	10.00%	6.76			
134.14583	6036.56	05-Jul-15	134.15	05-Jul-15	23-Aug-15	50	10.00%	82.53			
	6036.56			24-Aug-15	30-Sep-15	38	9.90%	62.22	151.51	151.51	0.00
	6036.56			01-Oct-15	04-Oct-15	4	9.90%	6.55			
	5902.42	05-Oct-15	134.15	05-Oct-15	07-Oct-15	3	9.90%	4.80			
	5902.42			08-Oct-15	31-Dec-15	85	9.65%	132.64	143.99	143.99	0.00
	5902.42			01-Jan-16	04-Jan-16	4	9.65%	6.22			
	5768.27	05-Jan-16	134.15	05-Jan-16	31-Mar-16	87	9.65%	132.32	138.54	138.54	0.00
	5768.27			01-Apr-16	04-Apr-16	4	9.65%	6.08			
	5634.13	05-Apr-16	134.15	05-Apr-16	30-Jun-16	87	9.65%	129.24	135.32	135.32	0.00
	5634.13			01-Jul-16	04-Jul-16	4	9.65%	5.94			
	5499.98	05-Jul-16	134.15	05-Jul-16	30-Sep-16	88	9.65%	127.61	133.55	133.55	0.00
	5499.98			01-Oct-16	04-Oct-16	4	9.65%	5.80			
	5365.83	05-Oct-16	134.15	05-Oct-16	31-Dec-16	88	9.65%	124.50	130.30	130.30	0.00
	5365.83			01-Jan-17	04-Jan-17	4	9.65%	5.67			
	5231.69	05-Jan-17	134.15	05-Jan-17	31-Mar-17	86	9.65%	118.94	124.61	124.61	0.00
	5231.69			01-Apr-17	04-Apr-17	4	8.75%	5.02			
	5097.54	05-Apr-17	134.15	05-Apr-17	05-Jun-17	62	8.75%	75.75	80.77	80.77	0.00
			1341.46					3347.96	3347.96	3347.96	0.00
2	Syndicate Bank										
	500.00			27-Jun-12	30-Jun-12	4	10.50%	0.58	0.58	0.58	0.00
	500.00			01-Jul-12	30-Sep-12	92	10.50%	13.23	13.23	13.23	0.00
	500.00			01-Oct-12	31-Dec-12	92	10.50%	13.23	13.23	13.23	0.00
	500.00			01-Jan-13	12-Feb-13	43	10.50%	6.18			
	500.00			13-Feb-13	31-Mar-13	47	10.25%	6.60	12.78	12.78	0.00
	500.00			01-Apr-13	30-Jun-13	91	10.25%	12.78	12.78	12.78	0.00
	500.00			01-Jul-13	30-Sep-13	92	10.25%	12.92	12.92	12.92	0.00
	500.00			01-Oct-13	31-Dec-13	92	10.25%	12.92	12.92	12.92	0.00
	500.00			01-Jan-14	31-Mar-14	90	10.25%	12.64	12.64	12.64	0.00
	500.00			01-Apr-14	30-Jun-14	91	10.25%	12.78	12.78	12.78	0.00
	500.00			01-Jul-14	30-Sep-14	92	10.25%	12.92	12.92	12.92	0.00
	500.00			01-Oct-14	31-Dec-14	92	10.25%	12.92	12.92	12.92	0.00
	500.00			01-Jan-15	01-Feb-15	32	10.25%	4.49			
10.41667	489.58	02-Feb-15	10.42	02-Feb-15	31-Mar-15	58	10.25%	7.97	12.46	12.46	0.00
	489.58			01-Apr-15	01-May-15	31	10.25%	4.26			
	479.17	02-May-15	10.42	02-May-15	07-Jun-15	37	10.25%	4.98			
	479.17			08-Jun-15	30-Jun-15	23	10.00%	3.02	12.26	12.26	0.00
	479.17			01-Jul-15	01-Aug-15	32	10.00%	4.20			
	468.75	02-Aug-15	10.42	02-Aug-15	30-Sep-15	60	10.00%	7.71	11.91	11.91	0.00
	468.75			01-Oct-15	01-Nov-15	32	9.70%	3.99			
	458.33	02-Nov-15	10.42	02-Nov-15	31-Dec-15	60	9.70%	7.31	11.30	11.30	0.00
	458.33			01-Jan-16	01-Feb-16	32	9.70%	3.89			
	447.92	02-Feb-16	10.42	02-Feb-16	31-Mar-16	59	9.70%	7.00	10.89	10.89	0.00
	447.92			01-Apr-16	01-May-16	31	9.70%	3.68			
	437.50	02-May-16	10.42	02-May-16	30-Jun-16	60	9.70%	6.96	10.64	10.64	0.00
	437.50			01-Jul-16	10-Jul-16	10	9.70%	1.16			
	437.50			11-Jul-16	01-Aug-16	22	9.60%	2.52			
	427.08	02-Aug-16	10.42	02-Aug-16	30-Sep-16	60	9.60%	6.72	10.40	10.40	0.00
	427.08			01-Oct-16	12-Oct-16	12	9.60%	1.34			
	427.08			13-Oct-16	01-Nov-16	20	9.60%	2.24			
	416.67	02-Nov-16	10.42	02-Nov-16	31-Dec-16	60	9.60%	6.56	10.14	10.14	0.00
	416.67			01-Jan-17	01-Feb-17	32	9.60%	3.51			
	406.25	02-Feb-17	10.42	02-Feb-17	31-Mar-17	58	9.60%	6.19	9.70	9.70	0.00
	406.25			01-Apr-17	01-May-17	31	9.60%	3.31			
	395.83	02-May-17	10.42	02-May-17	05-Jun-17	35	9.60%	3.64	6.95	6.95	0.00
			104.17					236.35	236.35	236.35	0.00

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

KISHANGANGA HEP PROJECT

Annexure-I to Form -14

Calculation of Interest taken in Form 14

Figures in lacs

Sl. No.	Pricipal	Repayment	Amount of Installment	From	to	Days	Interest Rate (%)	Interest			
								Periodic Interest	Intt. in form 14 (Construction)	Intt. in form 14 (Construction)	O&M*
3	State Bank of India-1000 Crores										
	142.00			28-Mar-13	31-Mar-13	4	10.19%	0.16	0.16	0.16	0.00
	142.00			01-Apr-13	30-Jun-13	91	10.19%	3.61	3.61	3.61	0.00
	142.00			01-Jul-13	18-Sep-13	80	10.19%	3.17			
	142.00			19-Sep-13	30-Sep-13	12	10.29%	0.48	3.65	3.65	0.00
	142.00			01-Oct-13	06-Nov-13	37	10.29%	1.48			
	142.00			07-Nov-13	31-Dec-13	55	10.49%	2.24	3.72	3.72	0.00
	142.00			01-Jan-14	31-Mar-14	90	10.49%	3.67	3.67	3.67	0.00
	142.00			01-Apr-14	30-Jun-14	91	10.49%	3.71	3.71	3.71	0.00
	142.00			01-Jul-14	31-Jul-14	31	10.49%	1.27			
	142.00			01-Aug-14	30-Sep-14	61	10.25%	2.43	3.70	3.70	0.00
	142.00			01-Oct-14	31-Dec-14	92	10.25%	3.67	3.67	3.67	0.00
	142.00			01-Jan-15	31-Mar-15	90	10.25%	3.59	3.59	3.59	0.00
	142.00			01-Apr-15	09-Apr-15	9	10.25%	0.36			
	142.00			10-Apr-15	07-Jun-15	59	10.10%	2.32			
	142.00			08-Jun-15	30-Jun-15	23	9.95%	0.89	3.57	3.57	0.00
	142.00			01-Jul-15	23-Sep-15	85	9.95%	3.29			
	142.00			24-Sep-15	30-Sep-15	7	9.70%	0.26	3.55	3.55	0.00
	142.00			01-Oct-15	04-Oct-15	4	9.70%	0.15			
	142.00			05-Oct-15	31-Dec-15	88	9.30%	3.18	3.33	3.33	0.00
	142.00			01-Jan-16	31-Mar-16	91	9.30%	3.29	3.29	3.29	0.00
	142.00			01-Apr-16	19-Jun-16	80	9.30%	2.89			
	142.00			20-Jun-16	26-Jun-16	7	9.15%	0.25			
2.95833	139.04	27-Jun-16	2.96	27-Jun-16	30-Jun-16	4	9.15%	0.14	3.28	3.28	0.00
	139.04			01-Jul-16	26-Sep-16	88	9.15%	3.07			
	136.08	27-Sep-16	2.96	27-Sep-16	30-Sep-16	4	9.15%	0.14	3.21	3.21	0.00
	136.08			01-Oct-16	12-Oct-16	12	9.15%	0.41			
	136.08			13-Oct-16	11-Nov-16	30	9.15%	1.02			
	136.08			12-Nov-16	26-Dec-16	45	9.15%	1.54			
	133.13	27-Dec-16	2.96	27-Dec-16	31-Dec-16	5	9.15%	0.17	3.14	3.14	0.00
	133.13			01-Jan-17	26-Mar-17	85	9.15%	2.84			
	130.17	27-Mar-17	2.96	27-Mar-17	31-Mar-17	5	9.15%	0.16	3.00	3.00	0.00
	130.17			01-Apr-17	19-Jun-17	80	9.15%	2.60			
	130.17			20-Jun-17	26-Jun-17	7	8.00%	0.20			
	127.21	27-Jun-17	2.96	27-Jun-17	30-Jun-17	4	8.00%	0.11	2.91	2.91	0.00
	127.21			01-Jul-17	14-Sep-17	76	8.00%	2.12	2.12	2.12	0.00
			14.79					60.88	60.88	60.88	0.00
4	State Bank of Hyderabad										
	3575.00			27-Aug-13	30-Sep-13	35	10.20%	34.97	34.97	34.97	0.00
	3575.00			01-Oct-13	31-Dec-13	92	10.20%	91.91	91.91	91.91	0.00
	3575.00			01-Jan-14	31-Mar-14	90	10.20%	89.91	89.91	89.91	0.00
	3575.00			01-Apr-14	30-Jun-14	91	10.20%	90.91	90.91	90.91	0.00
	3575.00			01-Jul-14	30-Sep-14	92	10.20%	91.91	91.91	91.91	0.00
	3575.00			01-Oct-14	31-Dec-14	92	10.20%	91.90	91.90	91.90	0.00
	3575.00			01-Jan-15	31-Mar-15	90	10.20%	89.85	89.85	89.85	0.00
	3575.00			01-Apr-15	30-Apr-15	30	10.20%	29.97			
	3575.00			01-May-15	30-Jun-15	61	10.05%	60.05	90.02	90.02	0.00
	3575.00			01-Jul-15	15-Jul-15	15	10.05%	14.77			
	3575.00			16-Jul-15	30-Sep-15	77	9.95%	75.04	89.81	89.81	0.00
	3575.00			01-Oct-15	07-Oct-15	7	9.95%	6.82			
	3575.00			08-Oct-15	31-Dec-15	85	9.75%	81.17	87.99	87.99	0.00
	3575.00			01-Jan-16	27-Mar-16	87	9.75%	82.82			
	3500.52	28-Mar-16	74.48	28-Mar-16	31-Mar-16	4	9.75%	3.73	86.55	86.55	0.00
	3500.52			01-Apr-16	27-Jun-16	88	9.75%	82.06			
74.47917	3426.04	28-Jun-16	74.48	28-Jun-16	30-Jun-16	3	9.75%	2.74	84.80	84.80	0.00
	3426.04			01-Jul-16	27-Sep-16	89	9.75%	81.23			
	3351.56	28-Sep-16	74.48	28-Sep-16	30-Sep-16	3	9.75%	2.68	83.91	83.91	0.00
	3351.56			01-Oct-16	31-Oct-16	31	9.75%	27.68			
	3351.56			01-Nov-16	27-Dec-16	57	9.70%	50.62			
	3277.08	28-Dec-16	74.48	28-Dec-16	31-Dec-16	4	9.70%	3.47	81.77	81.77	0.00
	3277.08			01-Jan-17	12-Jan-17	12	9.70%	10.45	10.45	10.45	0.00
			297.92					1196.66	1196.66	1196.66	0.00
5	State Bank of India-460 Crores										
	3277.08			13-Jan-17	31-Mar-17	78	8.00%	56.02	56.02	56.02	0.00
	3277.08			01-Apr-17	29-Apr-17	29	8.00%	20.83			
86.27332	3190.81	30-Apr-17	86.27	30-Apr-17	30-Jun-17	62	8.00%	43.36	64.19	64.19	0.00
	3190.81			01-Jul-17	30-Jul-17	30	8.00%	20.98			
	3104.54	31-Jul-17	86.27	31-Jul-17	14-Sep-17	46	8.00%	31.30	52.28	52.28	0.00
			172.54					172.50	172.50	172.50	0.00

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Calculation of Interest taken in Form 14

Figures in lacs

Sl. No.	Pricipal	Repayment	Amount of Installment	From	to	Days	Interest Rate (%)	Interest			
								Periodic Interest	Intt. in form 14 (Construction)	Intt. in form 14 (Construction)	O&M*
6	R3-SERIES BONDS										
	900.00			11-Feb-13	31-Mar-13	49	8.78%	10.61	10.61	10.61	0.00
	900.00			01-Apr-13	30-Jun-13	91	8.78%	19.70	19.70	19.70	0.00
	900.00			01-Jul-13	30-Sep-13	92	8.78%	19.92	19.92	19.92	0.00
	900.00			01-Oct-13	31-Dec-13	92	8.78%	19.92	19.92	19.92	0.00
	900.00			01-Jan-14	31-Mar-14	90	8.78%	19.48	19.48	19.48	0.00
	900.00			01-Apr-14	30-Jun-14	91	8.78%	19.70	19.70	19.70	0.00
	900.00			01-Jul-14	30-Sep-14	92	8.78%	19.92	19.92	19.92	0.00
	900.00			01-Oct-14	31-Dec-14	92	8.78%	19.92	19.92	19.92	0.00
	900.00			01-Jan-15	31-Mar-15	90	8.78%	19.48	19.48	19.48	0.00
	900.00			01-Apr-15	30-Jun-15	91	8.78%	19.70	19.70	19.70	0.00
	900.00			01-Jul-15	30-Sep-15	92	8.78%	19.92	19.92	19.92	0.00
	900.00			01-Oct-15	31-Dec-15	92	8.78%	19.92	19.92	19.92	0.00
	900.00			01-Jan-16	10-Feb-16	41	8.78%	8.88			
	900.00			11-Feb-16	31-Mar-16	50	8.78%	10.80	19.68	19.68	0.00
	900.00			01-Apr-16	30-Jun-16	91	8.78%	19.65	19.65	19.65	0.00
	900.00			01-Jul-16	30-Sep-16	92	8.78%	19.86	19.86	19.86	0.00
	900.00			01-Oct-16	31-Dec-16	92	8.78%	19.86	19.86	19.86	0.00
	900.00			01-Jan-17	09-Feb-17	40	8.78%	8.64			
	900.00			10-Feb-17	31-Mar-17	50	8.78%	10.82	19.46	19.46	0.00
	900.00			01-Apr-17	30-Jun-17	91	8.78%	19.70	19.70	19.70	0.00
	900.00			01-Jul-17	30-Sep-17	92	8.78%	19.92	19.92	19.92	0.00
	900.00			01-Oct-17	31-Dec-17	92	8.78%	19.92	19.92	19.92	0.00
	900.00			01-Jan-18	31-Mar-18	90	8.78%	19.48	19.48	19.48	0.00
	900.00			01-Apr-18	30-Apr-18	30	8.78%	6.49	6.49	6.49	0.00
	900.00			01-May-18	17-May-18	17	8.78%	3.68	3.68	3.68	0.00
	900.00			18-May-18	23-May-18	6	8.78%	1.30	1.30	0.87	0.43
			0.00					417.19	417.19	416.76	0.43
7	S2-SERIES BONDS										
	5343.00			26-Nov-14	31-Dec-14	36	8.54%	45.00	45.00	45.00	0.00
	5343.00			01-Jan-15	31-Mar-15	90	8.54%	112.51	112.51	112.51	0.00
	5343.00			01-Apr-15	30-Jun-15	91	8.54%	113.76	113.76	113.76	0.00
	5343.00			01-Jul-15	30-Sep-15	92	8.54%	115.01	115.01	115.01	0.00
	5343.00			01-Oct-15	25-Nov-15	56	8.54%	70.01			
	5343.00			26-Nov-15	31-Dec-15	36	8.54%	44.88	114.89	114.89	0.00
	5343.00			01-Jan-16	31-Mar-16	91	8.54%	113.45	113.45	113.45	0.00
	5343.00			01-Apr-16	30-Jun-16	91	8.54%	113.45	113.45	113.45	0.00
	5343.00			01-Jul-16	30-Sep-16	92	8.54%	114.70	114.70	114.70	0.00
	5343.00			01-Oct-16	12-Oct-16	12	8.54%	14.96			
	5343.00			13-Oct-16	27-Nov-16	46	8.54%	57.35			
	5343.00			28-Nov-16	31-Dec-16	34	8.54%	42.50	114.81	114.81	0.00
	5343.00			01-Jan-17	31-Mar-17	90	8.54%	112.51	112.51	112.51	0.00
	5343.00			01-Apr-17	30-Jun-17	91	8.54%	113.76	113.76	113.76	0.00
	5343.00			01-Jul-17	30-Sep-17	92	8.54%	115.01	115.01	115.01	0.00
	5343.00			01-Oct-17	31-Dec-17	92	8.54%	115.01	115.01	115.01	0.00
	5343.00			01-Jan-18	31-Mar-18	90	8.54%	112.51	112.51	112.51	0.00
	5343.00			01-Apr-18	30-Apr-18	30	8.54%	37.50	37.50	37.50	0.00
	5343.00			01-May-18	17-May-18	17	8.54%	21.25	21.25	21.25	0.00
	5343.00			18-May-18	23-May-18	6	8.54%	7.50	7.50	5.03	2.47
			0.00					1592.63	1592.63	1590.16	2.47
8	T-SERIES BONDS										
	723.00			14-Jul-15	30-Sep-15	79	8.50%	13.26	13.26	13.26	0.00
	723.00			01-Oct-15	31-Dec-15	92	8.50%	15.45	15.45	15.45	0.00
	723.00			01-Jan-16	31-Mar-16	91	8.50%	15.28	15.28	15.28	0.00
	723.00			01-Apr-16	30-Jun-16	91	8.50%	15.28	15.28	15.28	0.00
	723.00			01-Jul-16	13-Jul-16	13	8.50%	2.18			
	723.00			14-Jul-16	30-Sep-16	79	8.50%	13.30	15.48	15.48	0.00
	723.00			01-Oct-16	31-Dec-16	92	8.50%	15.49	15.49	15.49	0.00
	723.00			01-Jan-17	31-Mar-17	90	8.50%	15.15	15.15	15.15	0.00
	723.00			01-Apr-17	30-Jun-17	91	8.50%	15.32	15.32	15.32	0.00
	723.00			01-Jul-17	30-Sep-17	92	8.50%	15.49	15.49	15.49	0.00
	723.00			01-Oct-17	31-Dec-17	92	8.50%	15.49	15.49	15.49	0.00
	723.00			01-Jan-18	31-Mar-18	90	8.50%	15.15	15.15	15.15	0.00
	723.00			01-Apr-18	30-Apr-18	30	8.50%	5.05	5.05	5.05	0.00
	723.00			01-May-18	17-May-18	17	8.50%	2.86	2.86	2.86	0.00
	723.00			18-May-18	23-May-18	6	8.50%	1.01	1.01	0.68	0.33
			0.00					175.76	175.76	175.43	0.33
9	V-SERIES BONDS										
	867.38			06-Jun-17	30-Jun-17	25	6.84%	4.06	4.06	4.06	0.00
	867.38			01-Jul-17	30-Sep-17	92	6.84%	14.95	14.95	14.95	0.00
	867.38			01-Oct-17	31-Dec-17	92	6.84%	14.95	14.95	14.95	0.00
	867.38			01-Jan-18	23-Jan-18	23	6.84%	3.74			
	578.26	24-Jan-18	289.12	24-Jan-18	31-Mar-18	67	6.84%	7.26	11.00	11.00	0.00
	578.26			01-Apr-18	30-Apr-18	30	6.84%	3.25	3.25	3.25	0.00
	578.26			01-May-18	17-May-18	17	6.84%	1.84	1.84	1.84	0.00
	578.26			18-May-18	23-May-18	6	6.84%	0.65	0.65	0.44	0.21
			289.12					50.70	50.70	50.49	0.21

FRN. 009487N CHARTERED ACCOUNTANTS

KISHANGANGA HEP PROJECT

Annexure-I to Form -14

Calculation of Interest taken in Form 14

Figures in lacs

Sl. No.	Pricipal	Repayment	Amount of Installment	From	to	Days	Interest Rate (%)	Interest			
								Periodic Interest	Intt. in form 14 (Construction)	Intt. in form 14 (Construction)	O&M*
10	V2-SERIES BONDS										
	4626.00			06-Jun-17	30-Jun-17	25	7.52%	23.83	23.83	23.83	0.00
	4626.00			01-Jul-17	30-Sep-17	92	7.52%	87.68	87.68	87.68	0.00
	4626.00			01-Oct-17	31-Dec-17	92	7.52%	87.68	87.68	87.68	0.00
	4626.00			01-Jan-18	30-Jan-18	30	7.52%	28.59			
	4626.00			31-Jan-18	31-Mar-18	60	7.52%	57.18	85.77	85.77	0.00
	4626.00			01-Apr-18	30-Apr-18	30	7.52%	28.59	28.59	28.59	0.00
	4626.00			01-May-18	17-May-18	17	7.52%	16.20	16.20	16.20	0.00
	4626.00			18-May-18	23-May-18	6	7.52%	5.72	5.72	3.83	1.89
			0.00					335.47	335.47	333.58	1.89
11	W1-SERIES BONDS										
	1784.63			15-Sep-17	30-Sep-17	16	6.91%	5.41	5.41	5.41	0.00
	1784.63			01-Oct-17	31-Dec-17	92	6.91%	31.08	31.08	31.08	0.00
	1784.63			01-Jan-18	30-Jan-18	30	6.91%	10.14			
	1784.63			31-Jan-18	31-Mar-18	60	6.91%	20.27	30.41	30.41	0.00
	1784.63			01-Apr-18	30-Apr-18	30	6.91%	10.14	10.14	10.14	0.00
	1784.63			01-May-18	17-May-18	17	6.91%	5.74	5.74	5.74	0.00
	1784.63			18-May-18	23-May-18	6	6.91%	2.03	2.03	1.36	0.67
			0.00					84.81	84.81	84.14	0.67
12	W2-SERIES BONDS										
	1,447.12			15-Sep-17	30-Sep-17	16	7.35%	4.66	4.66	4.66	0.00
	1,447.12			01-Oct-17	31-Dec-17	92	7.35%	26.81	26.81	26.81	0.00
	1,447.12			01-Jan-18	30-Jan-18	30	7.35%	8.74			
	1,447.12			31-Jan-18	31-Mar-18	60	7.35%	17.48	26.22	26.22	0.00
	1,447.12			01-Apr-18	30-Apr-18	30	7.35%	8.74	8.74	8.74	0.00
	1,447.12			01-May-18	17-May-18	17	7.35%	4.93	4.93	4.93	0.00
	1,447.12			18-May-18	23-May-18	6	7.35%	1.75	1.75	1.17	0.58
			0.00					73.11	73.11	72.53	0.58
	GRAND TOTAL							7744.02	7744.02	7737.44	6.58

KORA VOHRA & CO CA FRN. 009487N CHARTERED ACCOUNTANTS

Annexure-II to Form 14

NHPC LTD.

KISHANGANGA POWER STATION

(Rs. in Lakh)

Details of Finance Charges

Finance Charges claimed as per Tariff Petition (Refer Form 14)		Details of Actual Expendeture				
PARTICULARS	AMOUNT	BOND ISSUE EXPENSES	LISTING FEES	COMMITMENT FEE	OTHER FINANCE CHARGES	TOTAL
CORPORATION BANK	9.44	0.00	0.00	0.00	9.44	9.44
SYNDICATE BANK	0.47	0.00	0.00	0.00	0.47	0.47
STATE BANK OF INDIA - 1000 Crores	0.84	0.00	0.00	0.71	0.13	0.84
STATE BANK OF HYDERABAD	2.53	0.00	0.00	0.00	2.53	2.53
STATE BANK OF INDIA - 460 Crores	0.00	0.00	0.00	0.00	0.00	0.00
R3-SERIES BONDS	2.20	1.49	0.05	0.00	0.66	2.20
S2-SERIES BONDS	3.33	1.06	0.08	0.00	2.19	3.33
T-SERIES BONDS	0.29	0.09	0.01	0.00	0.19	0.29
V-SERIES BONDS	0.05	0.05	0.00	0.00	0.00	0.05
V2-SERIES BONDS	0.25	0.25	0.00	0.00	0.00	0.25
W1-SERIES BONDS	0.09	0.09	0.00	0.00	0.00	0.09
W2-SERIES BONDS	0.07	0.07	0.00	0.00	0.00	0.07
TOTAL	**19.56**	**3.10**	**0.14**	**0.71**	**15.61**	**19.56**

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

CALCULATION OF NORMATIVE LOAN AND INTEREST

KISHANGANGA H E PROJECT

(Rs. in Crores)

Year / Month	Cummulative Exp	DEBT		Sources			Interest	
		Commercial Loan	Sub. Debts	Equity	Commercial Loan Including Sub. Debt	Normative Loan	Weighted rate	Amount
				30%	70%			
2001-02	2.85	0.00	0.00	0.85	0.00	2.00	12.52%	0.13
2002-03	4.98	0.00	0.00	1.49	0.00	3.49	11.59%	0.32
2003-04	7.52	0.00	0.00	2.26	0.00	5.26	10.54%	0.46
2004-05	13.53	0.00	0.00	4.06	0.00	9.47	9.11%	0.67
2005-06	19.45	0.00	0.00	5.84	0.00	13.61	8.09%	0.93
2006-07	26.07	0.00	0.00	7.82	0.00	18.25	7.97%	1.27
2007-08	49.22	0.00	0.00	14.76	0.00	34.46	8.18%	2.16
2008-09	175.77	0.00	0.00	52.73	0.00	123.04	8.58%	6.75
2009-10	289.32	0.00	0.00	86.80	0.00	202.52	8.77%	
2010-11	692.14	0.00	366.00	207.64	366.00	118.50	8.75%	
2011-12	1403.13	64.39	764.44	420.94	828.83	153.36	8.73%	
2012-13	2184.17	79.81	1034.81	655.25	1114.62	414.30	11.22%	
2013-14	3279.46	115.56	1662.82	983.84	1778.38	517.24	10.47%	
2014-15	3912.95	167.54	2099.80	1173.89	2267.34	471.72	10.54%	
2015-16	4476.20	168.25	2380.44	1342.86	2548.69	584.65	9.90%	
2016-17	4818.99	160.11	2380.44	1445.70	2540.55	832.74	9.45%	
2017-18	5310.55	154.02	2676.67	1593.17	2830.69	886.70	9.04%	
2018-19 (Upto COD-24.05.2018)	5347.04	154.02	2676.67	1604.11	2830.69	912.24	7.88%	
								12.69
Upto Mar-09	**175.77**	**0.00**	**0.00**	52.73	**0.00**	**123.04**		
Apr-09	176.48	0.00	0.00	52.94	0.00	123.54	8.77%	0.90
May-09	177.53	0.00	0.00	53.26	0.00	124.27	8.77%	0.91
Jun-09	178.15	0.00	0.00	53.45	0.00	124.71	8.77%	0.91
Jul-09	179.19	0.00	0.00	53.76	0.00	125.43	8.77%	0.91
Aug-09	180.64	0.00	0.00	54.19	0.00	126.45	8.77%	0.92
Sep-09	184.25	0.00	0.00	55.27	0.00	128.97	8.77%	0.93
Oct-09	189.03	0.00	0.00	56.71	0.00	132.32	8.77%	0.95
Nov-09	190.46	0.00	0.00	57.14	0.00	133.32	8.77%	0.97
Dec-09	215.69	0.00	0.00	64.71	0.00	150.98	8.77%	1.04
Jan-10	245.03	0.00	0.00	73.51	0.00	171.52	8.77%	1.18
Feb-10	246.85	0.00	0.00	74.06	0.00	172.80	8.77%	1.26
Mar-10	289.32	0.00	0.00	86.80	0.00	202.52	8.77%	1.37
TOTAL								12.25
Upto Mar-10	**289.32**	**0.00**	**0.00**	86.80	**0.00**	**202.52**		
Apr-10	309.06	0.00	0.00	92.72	0.00	216.34	8.75%	1.53
May-10	315.66	0.00	0.00	94.70	0.00	220.96	8.75%	1.59
Jun-10	323.11	0.00	0.00	96.93	0.00	226.18	8.75%	1.63
Jul-10	332.60	0.00	0.00	99.78	0.00	232.82	8.75%	1.67
Aug-10	334.63	0.00	0.00	100.39	0.00	234.24	8.75%	1.70
Sep-10	472.88	0.00	210.00	141.87	210.00	121.02	8.75%	1.29
Oct-10	487.22	0.00	210.00	146.16	210.00	131.05	8.75%	0.92
Nov-10	501.57	0.00	210.00	150.47	210.00	141.10	8.75%	0.99
Dec-10	506.90	0.00	328.00	152.07	328.00	26.83	8.75%	0.61
Jan-11	540.01	0.00	328.00	162.00	328.00	50.00	8.75%	0.28
Feb-11	560.56	0.00	328.00	168.17	328.00	64.39	8.75%	0.42
Mar-11	692.14	0.00	366.00	207.64	366.00	118.50	8.75%	0.67
TOTAL								13.30

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

CALCULATION OF NORMATIVE LOAN AND INTEREST

KISHANGANGA H E PROJECT

(Rs. in Crores)

Year / Month	Cummulative Exp	DEBT		Sources			Interest	
		Commercial Loan	Sub. Debts	Equity	Commercial Loan Including Sub. Debt	Normative Loan	Weighted rate	Amount
Upto Mar-11	**692.14**	**0.00**	**366.00**	207.64	**366.00**	**118.50**		
Apr-11	707.10	0.00	366.00	212.13	366.00	128.97	8.73%	0.90
May-11	731.24	0.00	366.00	219.37	366.00	145.87	8.73%	1.00
Jun-11	755.56	0.00	521.73	226.67	521.73	7.16	8.73%	0.56
Jul-11	801.63	0.00	521.73	240.49	521.73	39.41	8.73%	0.17
Aug-11	923.91	0.00	521.73	277.17	521.73	125.01	8.73%	0.60
Sep-11	939.65	0.00	521.73	281.89	521.73	136.02	8.73%	0.95
Oct-11	993.75	0.00	657.73	298.12	657.73	37.89	8.73%	0.63
Nov-11	1034.24	0.00	657.73	310.27	657.73	66.24	8.73%	0.38
Dec-11	1083.48	0.00	738.89	325.04	738.89	19.55	8.73%	0.31
Jan-12	1131.52	64.39	738.89	339.46	803.28	-11.22	8.73%	0.03
Feb-12	1145.55	64.39	738.89	343.66	803.28	-1.40	8.73%	-0.05
Mar-12	1403.13	64.39	764.44	420.94	828.83	153.36	8.73%	0.55
TOTAL								6.03
Upto Mar-12	**1403.13**	**64.39**	**764.44**	420.94	**828.83**	**153.36**		
Apr-12	1424.36	64.39	764.44	427.31	828.83	168.22	11.22%	1.50
May-12	1474.81	64.39	764.44	442.44	828.83	203.54	11.22%	1.74
Jun-12	1514.73	69.39	764.44	454.42	833.83	226.48	11.22%	2.01
Jul-12	1593.45	69.39	975.57	478.03	1044.96	70.45	11.22%	1.39
Aug-12	1630.50	69.39	975.57	489.15	1044.96	96.39	11.22%	0.78
Sep-12	1689.17	69.39	1034.81	506.75	1104.20	78.22	11.22%	0.82
Oct-12	1791.05	69.39	1034.81	537.31	1104.20	149.53	11.22%	1.06
Nov-12	1852.09	69.39	1034.81	555.63	1104.20	192.26	11.22%	1.60
Dec-12	1935.69	69.39	1034.81	580.71	1104.20	250.78	11.22%	2.07
Jan-13	2012.53	69.39	1034.81	603.76	1104.20	304.57	11.22%	2.60
Feb-13	2095.31	78.39	1034.81	628.59	1113.20	353.52	11.22%	3.08
Mar-13	2184.17	79.81	1034.81	655.25	1114.62	414.30	11.22%	3.59
								22.24
Upto Mar-13	**2184.17**	**79.81**	**1034.81**	655.25	**1114.62**	**414.30**		
Apr-13	2193.17	79.81	1034.81	657.95	1114.62	420.60	10.47%	3.64
May-13	2278.98	79.81	1418.08	683.69	1497.89	97.40	10.47%	2.26
Jun-13	2387.23	79.81	1418.08	716.17	1497.89	173.17	10.47%	1.18
Jul-13	2487.15	79.81	1418.08	746.15	1497.89	243.12	10.47%	1.82
Aug-13	2579.51	115.56	1418.08	773.85	1533.64	272.02	10.47%	2.25
Sep-13	2677.22	115.56	1418.08	803.17	1533.64	340.41	10.47%	2.67
Oct-13	2817.16	115.56	1662.82	845.15	1778.38	193.63	10.47%	2.33
Nov-13	2931.14	115.56	1662.82	879.34	1778.38	273.42	10.47%	2.04
Dec-13	3016.95	115.56	1662.82	905.09	1778.38	333.49	10.47%	2.65
Jan-14	3118.93	115.56	1662.82	935.68	1778.38	404.87	10.47%	3.22
Feb-14	3194.57	115.56	1662.82	958.37	1778.38	457.82	10.47%	3.77
Mar-14	3279.46	115.56	1662.82	983.84	1778.38	517.24	10.47%	4.26
								32.09

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

CALCULATION OF NORMATIVE LOAN AND INTEREST

KISHANGANGA H E PROJECT

(Rs. in Crores)

Year / Month	Cummulative Exp	DEBT		Sources			Interest	
		Commercial Loan	Sub. Debts	Equity	Commercial Loan Including Sub. Debt	Normative Loan	Weighted rate	Amount
Upto Mar-14	**3279.46**	**115.56**	**1662.82**	983.84	**1778.38**	**517.24**		
Apr-14	3331.00	115.56	1662.82	999.30	1778.38	553.32	10.54%	4.70
May-14	3403.83	115.56	1662.82	1021.15	1778.38	604.30	10.54%	5.09
Jun-14	3489.64	115.56	1662.82	1046.89	1778.38	664.37	10.54%	5.57
Jul-14	3535.50	115.56	1662.82	1060.65	1778.38	696.47	10.54%	5.98
Aug-14	3578.56	115.56	1662.82	1073.57	1778.38	726.61	10.54%	6.25
Sep-14	3644.34	115.56	2099.80	1093.30	2215.36	335.68	10.54%	4.67
Oct-14	3712.35	115.56	2099.80	1113.71	2215.36	383.29	10.54%	3.16
Nov-14	3755.33	168.99	2099.80	1126.60	2268.79	359.94	10.54%	3.27
Dec-14	3799.79	168.99	2099.80	1139.94	2268.79	391.06	10.54%	3.30
Jan-15	3841.20	167.65	2099.80	1152.36	2267.45	421.39	10.54%	3.57
Feb-15	3864.04	167.54	2099.80	1159.21	2267.34	437.48	10.54%	3.77
Mar-15	3912.95	167.54	2099.80	1173.89	2267.34	471.72	10.54%	3.99
								53.32
Upto Mar-15	**3912.95**	**167.54**	**2099.80**	1173.89	**2267.34**	**471.72**		
Apr-15	3932.56	166.20	2099.80	1179.77	2266.00	486.79	9.90%	3.95
May-15	3949.79	166.10	2099.80	1184.94	2265.90	498.95	9.90%	4.07
Jun-15	3996.61	166.10	2099.80	1198.98	2265.90	531.73	9.90%	4.25
Jul-15	4056.08	171.99	2099.80	1216.82	2271.79	567.47	9.90%	4.54
Aug-15	4107.18	171.88	2099.80	1232.15	2271.68	603.34	9.90%	4.83
Sep-15	4158.61	171.88	2099.80	1247.58	2271.68	639.34	9.90%	5.13
Oct-15	4218.24	170.54	2299.80	1265.47	2470.34	482.43	9.90%	4.63
Nov-15	4276.75	170.44	2299.80	1283.03	2470.24	523.49	9.90%	4.15
Dec-15	4351.15	170.44	2299.80	1305.35	2470.24	575.57	9.90%	4.53
Jan-16	4402.95	169.10	2299.80	1320.89	2468.90	613.17	9.90%	4.90
Feb-16	4433.49	168.99	2380.44	1330.05	2549.43	554.01	9.90%	4.82
Mar-16	4476.20	168.25	2380.44	1342.86	2548.69	584.65	9.90%	4.70
								54.50
Upto Mar-16	**4476.20**	**168.25**	**2380.44**	1342.86	**2548.69**	**584.65**		
Apr-16	4501.25	166.91	2380.44	1350.38	2547.35	603.53	9.45%	4.68
May-16	4544.38	166.80	2380.44	1363.31	2547.24	633.82	9.45%	4.87
Jun-16	4617.51	166.03	2380.44	1385.25	2546.47	685.79	9.45%	5.20
Jul-16	4646.60	164.69	2380.44	1393.98	2545.13	707.49	9.45%	5.49
Aug-16	4676.44	164.58	2380.44	1402.93	2545.02	728.49	9.45%	5.66
Sep-16	4697.12	163.81	2380.44	1409.14	2544.25	743.74	9.45%	5.80
Oct-16	4726.74	162.47	2380.44	1418.02	2542.91	765.81	9.45%	5.95
Nov-16	4756.59	162.36	2380.44	1426.98	2542.80	786.81	9.45%	6.12
Dec-16	4778.54	161.59	2380.44	1433.56	2542.03	802.95	9.45%	6.26
Jan-17	4800.42	160.25	2380.44	1440.13	2540.69	819.61	9.45%	6.39
Feb-17	4806.09	160.14	2380.44	1441.83	2540.58	823.68	9.45%	6.47
Mar-17	4818.99	160.11	2380.44	1445.70	2540.55	832.74	9.45%	6.52
								69.41

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

CALCULATION OF NORMATIVE LOAN AND INTEREST

KISHANGANGA H E PROJECT

(Rs. in Crores)

Year / Month	Cummulative Exp	DEBT		Sources			Interest	
		Commercial Loan	Sub. Debts	Equity	Commercial Loan Including Sub. Debt	Normative Loan	Weighted rate	Amount
Upto Mar-17	4818.99	160.11	2380.44	1445.70	2540.55	832.74		
Apr-17	4826.69	157.91	2380.44	1448.01	2538.35	840.34	9.04%	6.30
May-17	4892.47	157.80	2380.44	1467.74	2538.24	886.49	9.04%	6.51
Jun-17	4965.21	157.77	2380.44	1489.56	2538.21	937.43	9.04%	6.87
Jul-17	4985.18	156.91	2380.44	1495.55	2537.35	952.27	9.04%	7.12
Aug-17	5021.45	156.91	2380.44	1506.44	2537.35	977.66	9.04%	7.27
Sep-17	5052.02	156.91	2380.44	1515.61	2537.35	999.06	9.04%	7.45
Oct-17	5073.99	156.91	2380.44	1522.20	2537.35	1014.44	9.04%	7.59
Nov-17	5108.83	156.91	2380.44	1532.65	2537.35	1038.83	9.04%	7.74
Dec-17	5186.86	156.91	2676.67	1556.06	2833.58	797.22	9.04%	6.92
Jan-18	5216.14	154.02	2676.67	1564.84	2830.69	820.61	9.04%	6.10
Feb-18	5233.88	154.02	2676.67	1570.16	2830.69	833.03	9.04%	6.23
Mar-18	5310.55	154.02	2676.67	1593.17	2830.69	886.69	9.04%	6.48
								82.58
Upto Mar-18	5310.55	154.02	2676.67	1593.17	2830.69	886.69		
Apr-18	5328.56	154.02	2676.67	1598.57	2830.69	899.30	7.88%	5.86
17.05.2018	5322.37	154.02	2676.67	1596.71	2830.69	894.97	7.88%	3.29
								367.56
Total Cash Cost of all 3 Units as on 17.05.2018	5689.93	154.02	2676.67	1706.98	2830.69	1152.26		
Total Cash Cost of 1 Unit Capitalised on 18.05.2018	1866.97							
Total Cash Cash Cost of Remaining 2 Units as on 18.05.2018	3822.95							
Total Cash Cost of Remaining 2 Units as on 23.05.2018	3791.82	103.21	1793.57	1137.55	1896.78	757.50	7.88%	0.49
Total Cost of 2 Units Capitalised on 24.05.2018	3792.31							
Total Cash Cost of all 3 units as on 24.05.2018	5659.29	154.02	2676.67	1697.79	2830.69	1130.81		368.05
Liability as on 24.05.2018	150.90							
Total Cost of all 3 units as on 24.05.2018	5810.19							

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

ANNEX-IV to FORM-14

Weighted Av. Cost of Capital on 31/3/2001			
Bank/FI	**Principal**	**Rate**	**Interest**
SBI	200.00	12.00%	24.00
UTI	50.00	16.50%	8.25
IOB NP	50.00	12.25%	6.13
HDFC	5.20	13.25%	0.69
CORPN BANK	100.00	12.25%	12.25
ICICI	100.00	12.75%	12.75
ICICI	300.00	12.50%	37.50
IDBI	200.00	12.50%	25.00
IDBI	100.00	11.50%	11.50
CANARA BANK	107.20	12.00%	12.86
CANARA BANK	100.00	12.00%	12.00
CENTRAL BANK	40.00	12.50%	5.00
OBC	100.00	12.00%	12.00
BOM	100.00	12.00%	12.00
SBP	50.00	12.00%	6.00
LIC	400.00	12.50%	50.00
INDIAN BANK	100.00	12.50%	12.50
INDORE	40.00	12.00%	4.80
VAISYA BANK	75.00	11.25%	8.44
	2217.40		**273.67**

BONDS			
G	7.00	0.09	0.63
I	0.80	0.14	0.11
J-1	50.00	0.13	6.50
J-1	155.00	0.13	20.54
J-1	100.00	0.09	9.25
J-2	25.00	0.17	4.13
K-2	30.01	0.18	5.25
K-3	50.00	0.18	8.75
L-2	63.30	0.16	10.13
	51.00	0.11	5.36
M			
	532.11		**70.64**

Weighted Av. Rate (TL+Bonds) as on 31.03.2001	**2749.51**		**344.31**	**12.52%**

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Weighted Av. Cost of Capital on 31/3/2002	Weighted Av. Cost of Capital on 31/3/02		
Bank/FI	Principal	Rate	Interest
SBI	200.00	12.00%	24.00
IOB NP	50.00	11.75%	5.88
IOB FBD	50.00	11.25%	5.63
HDFC	3.57	13.00%	0.46
CORPN BANK	100.00	12.25%	12.25
ICICI	100.00	13.25%	13.25
ICICI	300.00	12.50%	37.50
IDBI	200.00	12.50%	25.00
IDBI	100.00	11.50%	11.50
CANARA BANK	85.71	12.00%	10.29
CANARA BANK	100.00	12.00%	12.00
CANARA BANK	100.00	11.25%	11.25
CENTRAL BANK	30.00	12.00%	3.60
OBC	100.00	12.00%	12.00
BOM	100.00	12.00%	12.00
BOM	50.00	11.50%	5.75
SBP	50.00	12.00%	6.00
SBP	40.00	11.00%	4.40
LIC	400.00	12.50%	50.00
INDIAN BANK	100.00	12.50%	12.50
INDORE	40.00	12.00%	4.80
SBH	60.00	11.45%	6.87
SBS	50.00	11.25%	5.63
PNB	100.00	11.45%	11.45
BOI	50.00	11.25%	5.63
SBS	25.00	9.60%	2.40
SBM	50.00	9.25%	4.63
SBOP	40.00	9.25%	3.70
SBS	25.00	9.25%	2.31
SB OF INDORE	50.00	9.25%	4.63
CORPN BANK	50.00	9.10%	4.55
INDIAN BANK	40.00	9.10%	3.64
BOI	50.00	9.15%	4.58
	2889.28		**340.05**

BONDS			
J-2	25.00	0.17	4.13
L-2	63.30	0.16	10.13
	51.00	0.11	5.36
M	430.00	0.10	41.07
	569.30		**60.67**

Weighted Av. Rate (TL+Bonds) as on 31.03.2002	**3458.58**		**400.72**	**11.59%**

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Weighted Av. Cost of Capital on 31/3/2003			
Bank/FI	Principal	Rate	Interest
SBI	400.00	9.00%	36.00
IOB NP	50.00	11.75%	5.88
FBD	50.00	11.00%	5.50
CORPN BANK	100.00	11.00%	11.00
ICICI	50.00	13.00%	6.50
ICICI	50.00	12.00%	6.00
ICICI	100.00	12.50%	12.50
ICICI	100.00	12.50%	12.50
IDBI	200.00	12.50%	25.00
CANARA BANK	64.29	11.75%	7.55
CANARA BANK	100.00	11.75%	11.75
CANARA BANK	100.00	11.00%	11.00
CANARA BANK	50.00	9.50%	4.75
CENTRAL BANK	20.00	11.50%	2.30
OBC	100.00	11.00%	11.00
BOM	100.00	9.50%	9.50
BOM	50.00	9.50%	4.75
SBP	33.33	11.25%	3.75
SBP	40.00	10.25%	4.10
LIC	400.00	12.50%	50.00
INDIAN BANK	100.00	10.50%	10.50
INDORE	40.00	11.75%	4.70
SBH	60.00	10.85%	6.51
SBS	50.00	11.15%	5.58
PNB	100.00	11.20%	11.20
BOI	50.00	10.75%	5.38
LIC	100.00	9.25%	9.25
	2657.62		**294.44**
CHEP-II			
SBI	120.00	11.10%	13.32
PNB	120.00	11.75%	14.10
PSB	70.00	11.50%	8.05
CBI	81.00	11.50%	9.32
BOI	81.00	11.50%	9.32
SBH	40.00	11.39%	4.56
SBP	40.00	11.25%	4.50
HDFC	91.00	11.25%	10.24
	643.00		**73.39**

BONDS			
L-2	63.30	16.00%	10.13
	51.00	10.50%	5.36
M	430.00	9.55%	41.07
N	70.00	6.50%	4.55
O	570.00	7.70%	43.89
	1184.30		**104.99**

Weighted Av. Rate (TL+Bonds) as on 31.03.2003	4484.92		472.82	10.54%

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Weighted Av. Cost of Capital on 31/3/2004				
Bank/FI	Principal	Rate	Interest	
STATE BANK OF INDIA	400.00	8.50%	34.00	
CBI	10.00	11.39%	1.14	
SBP - TERM LOAN 1	16.66	6.22%	1.04	
INDIAN BANK	100.00	7.95%	7.95	
S B HYDERABAD	60.00	8.00%	4.80	
S B SAURASHTRA	50.00	10.00%	5.00	
IOB FARIDABAD BR	50.00	8.00%	4.00	
SBP - TERM LOAN 2	40.00	7.95%	3.18	
BANK OF INDIA	50.00	9.75%	4.88	
P N B	100.00	8.00%	8.00	
ICICI BANK LTD				
TERM LOAN 1	50.00	10.50%	5.25	
TERM LOAN 2	50.00	10.50%	5.25	
CANARA BANK				
TERM LOAN - 1	42.86	0.12	4.93	
OBC	100.00	0.07	7.00	
BANK OF MAHARASHTRA				
T L -1, FBD	100.00	0.09	8.50	
T L -1, SAKET	50.00	0.09	4.25	
S B INDORE	26.66	0.07	1.87	
CANARA BANK				
TERM LOAN - 2	80.00	0.09	7.40	
TERM LOAN - 3	100.00	0.09	9.25	
TERM LOAN - 4	50.00	0.09	4.63	
LIC OF INDIA				
TRANCHE-I	100.00	0.13	12.50	
TRANCHE-2	150.00	0.13	18.75	
TRANCHE-3	150.00	0.13	18.75	
TOTAL A	**1926.18**		**182.30**	
CHAMERA-II				
SB OF INDIA	150.00	10.60%	15.90	
SB OF HYDERABAD	50.00	8.00%	4.00	
CENTRAL BANK OF INDIA	100.00	10.60%	10.60	
BANK OF INDIA	100.00	10.50%	10.50	
SB OF PATIALA	50.00	8.93%	4.47	
PUNJAB NATIONAL BANK	150.00	8.00%	12.00	
HDFC LTD	100.00	10.75%	10.75	
PUNJAB & SIND BANK	100.00	11.50%	11.50	
TOTAL B	**800.00**		**79.72**	
INDIAN BANK	100.00	6.22%	6.22	
LIC 2500 LOC	100.00	9.25%	9.25	
	132.00	8.00%	10.56	
CANARA BANK	85.00	6.75%	5.74	
TOTAL C	**417.00**		**31.77**	
BONDS				
M Series	430.00	9.55%	41.07	
N Series	56.00	6.50%	3.64	
O Series	570.00	7.70%	43.89	
TOTAL D	**1056.00**		**88.60**	
Weighted Av. Rate (TL+Bonds) as on 31.03.2004	**4199.18**		**382.38**	9.11%

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009467N

Weighted Av. Cost of Domestic Borrowing on 31/03/2005				
Bank/FI	**Principal**	**Rate**	**Interest**	
SBI	400.00	8.50%	34.00	
IOB FBD	50.00	7.50%	3.75	
CANARA BANK	21.42	8.25%	1.77	
CANARA BANK	60.00	8.25%	4.95	
CANARA BANK	100.00	8.25%	8.25	
CANARA BANK	50.00	8.50%	4.25	
BANK OF MAHARASHTRA	50.00	7.25%	3.63	
STATE BANK OF PATIALA	40.00	7.95%	3.18	
LIC	150.00	10.00%	15.00	
INDIAN BANK	100.00	7.95%	7.95	
STATE BANK OF INDORE	13.34	7.00%	0.93	
SBH	48.00	8.00%	3.84	
SBS	50.00	8.00%	4.00	
PNB	100.00	8.00%	8.00	
BOI	50.00	8.50%	4.25	
TOTAL A	**1282.76**		**107.75**	
LIC (2500 Line of Credit)	100.00	9.25%	9.25	
	132.00	8.00%	10.56	
LIC (6500 Line of Credit)	11.00	8.00%	0.88	
CANARA BANK	85.00	6.75%	5.74	
INDIAN BANK	100.00	6.22%	6.22	
SYNDICATE BANK	183.00	6.90%	12.63	
OBC	200.00	6.90%	13.80	
CANARA BANK	200.00	6.90%	13.80	
TOTAL B	**1011.00**		**72.87**	
CHEP-II				
SBI	150.00	8.50%	12.75	
PNB	142.50	8.00%	11.40	
PSB	100.00	8.00%	8.00	
CBI	90.00	8.00%	7.20	
BOI	100.00	8.50%	8.50	
SBH	50.00	8.00%	4.00	
SBP	50.00	8.50%	4.25	
HDFC	100.00	8.50%	8.50	
TOTAL C	**782.50**		**64.60**	
M Series	430.00	9.55%	41.07	
N Series	28.00	6.50%	1.82	
O Series	570.00	7.70%	43.89	
TOTAL D	**1028.00**		**86.78**	
Weighted Av. Rate (TL+Bonds) as on 31.03.2005	**4104.26**		**332.00**	**8.09%**

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Weighted Av. Cost of Domestic Borrowing on 31/03/2006				
Bank/FI	**Principal**	**Rate**	**Interest**	
SBI	200.00	8.50%	17.00	
IOB FBD	50.00	7.50%	3.75	
CANARA BANK	50.00	8.50%	4.25	
BANK OF MAHARASHTRA	50.00	7.25%	3.63	
STATE BANK OF PATIALA	40.00	7.95%	3.18	
PNB	100.00	8.00%	8.00	
TOTAL A	**490.00**		**39.81**	
LIC (2500 Line of Credit)	100.00	9.25%	9.25	
	132.00	8.01%	10.57	
	630.00	8.01%	50.44	
LIC (6500 Line of Credit)	11.00	8.01%	0.88	
	85.00	8.44%	7.17	
OBC	100.00	6.86%	6.86	
CANARA BANK	85.00	6.75%	5.74	
INDIAN BANK	100.00	6.22%	6.22	
SYNDICATE BANK	183.00	6.86%	12.55	
OBC	200.00	6.86%	13.72	
CANARA BANK	200.00	6.86%	13.72	
TOTAL B	**1826.00**		**137.13**	
CHEP-II				
SBI	150.00	8.50%	12.75	
PNB	127.50	8.00%	10.20	
PSB	100.00	8.00%	8.00	
CBI	80.00	8.00%	6.40	
BOI	100.00	8.50%	8.50	
SBH	50.00	8.00%	4.00	
SBP	50.00	8.50%	4.25	
HDFC	100.00	8.50%	8.50	
TOTAL C	**757.50**		**62.60**	
M Series	430.00	9.55%	41.07	
O Series	570.00	7.70%	43.89	
TOTAL D	**1000.00**		**84.96**	
Weighted Av. Rate (TL+Bonds) as on 31.03.2006	**4073.50**		**324.49**	**7.97%**

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Weighted Av. Cost of Domestic Borrowing on 31/03/2007				
Bank/FI	**Principal**	**Rate**	**Interest**	
IOB FBD	50.00	9.50%	4.75	
CANARA BANK	50.00	10.25%	5.13	
STATE BANK OF PATIALA	40.00	6.90%	2.76	
TOTAL A	**140.00**		**12.64**	
LIC (2500 Line of Credit)	100.00	9.25%	9.25	
	132.00	8.00%	10.56	
	630.00	8.00%	50.40	
	1200.00	8.00%	96.00	
LIC (6500 Line of Credit)	11.00	8.00%	0.88	
	85.00	8.44%	7.17	
	50.00	8.65%	4.33	
	35.00	9.53%	3.34	
	115.00	9.11%	10.48	
OBC	100.00	6.86%	6.86	
CANARA BANK	85.00	6.75%	5.74	
INDIAN BANK	100.00	7.70%	7.70	
SYNDICATE BANK	183.00	6.86%	12.55	
OBC	200.00	6.86%	13.72	
CANARA BANK	200.00	6.86%	13.72	
TOTAL B	**3226.00**		**252.69**	
CHEP-II				
SBI	128.57	10.50%	13.50	
PNB	112.50	9.50%	10.69	
PSB	95.00	9.75%	9.26	
CBI	70.00	9.50%	6.65	
BOI	95.00	10.20%	9.69	
SBH	46.43	9.50%	4.41	
SBP	46.43	10.50%	4.88	
HDFC	92.86	10.50%	9.75	
TOTAL C	**686.79**		**68.83**	
O Series	570.00	7.70%	43.89	
TOTAL D	**570.00**		**43.89**	
Weighted Av. Rate (TL+Bonds) as on 31.03.2007	**4622.79**		**378.04**	**8.18%**

Weighted Av. Cost of Domestic Borrowing on 31/03/2008			
Bank/FI	**Principal**	**Rate**	**Interest**
IOB FBD	50.00	11.00%	5.50
CANARA BANK	50.00	10.50%	5.25
STATE BANK OF PATIALA	36.00	8.32%	3.00
TOTAL A	**136.00**		**13.75**
LIC (2500 Line of Credit)	100.00	9.25%	9.25
	132.00	8.00%	10.56
	630.00	8.00%	50.40
	1200.00	8.00%	96.00
	438.00	8.00%	35.04
LIC (6500 Line of Credit)	11.00	8.00%	0.88
	85.00	8.44%	7.17
	50.00	8.65%	4.33
	35.00	9.53%	3.34
	115.00	9.11%	10.48
	50.00	9.15%	4.58
	467.00	9.11%	42.54
	483.00	8.88%	42.89

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	200.00	8.78%	17.56	
PFC				
PFC-750	50.00	9.85%	4.93	
PFC-186	120.00	9.90%	11.88	
PFC-70	70.00	9.90%	6.93	
PFC-1457	100.00	9.85%	9.85	
PFC-1457	50.00	9.70%	4.85	
PFC-1457	40.00	9.90%	3.96	
PFC-413	180.00	9.85%	17.73	
PFC-413	20.00	9.70%	1.94	
PFC-413	60.00	9.90%	5.94	
PFC-500	117.00	9.85%	11.52	
PFC-500	3.00	9.83%	0.29	
PFC-500	30.00	9.70%	2.91	
PFC-500	60.00	9.90%	5.94	
OBC	100.00	6.86%	6.86	
CANARA BANK	85.00	6.75%	5.74	
INDIAN BANK	100.00	7.70%	7.70	
SYNDICATE BANK	164.70	7.21%	11.87	
OBC	180.00	7.21%	12.97	
CANARA BANK	180.00	6.86%	12.35	
TOTAL B	**5705.70**		**481.17**	
CHEP-II				
SBI	107.14	10.50%	11.25	
PNB	97.50	10.25%	9.99	
PSB	85.00	10.50%	8.93	
CBI	60.00	10.00%	6.00	
BOI	85.00	11.00%	9.35	
SBH	39.29	9.50%	3.73	
SBP	39.29	11.00%	4.32	
HDFC	78.57	10.50%	8.25	
TOTAL C	**591.79**		**61.82**	
O Series	570.00	7.70%	43.89	
TOTAL D	**570.00**		**43.89**	
Weighted Av. Rate (TL+Bonds) as on 31.03.2008	**7003.49**		**600.63**	**8.58%**

Weighted Av. Cost of Domestic Borrowing on 31/03/2009			
Bank/FI	**Principal**	**Rate**	**Interest**
IOB FBD	37.50	9.50%	3.56
CANARA BANK	40.00	10.25%	4.10
STATE BANK OF PATIALA	32.00	8.32%	2.66
TOTAL A	**109.50**		**10.33**
LIC (2500 Line of Credit)	100.00	9.25%	9.25
	132.00	8.00%	10.56
	630.00	8.00%	50.40
	1200.00	8.00%	96.00
	438.00	8.00%	35.04
LIC (6500 Line of Credit)	11.00	8.00%	0.88
	85.00	8.44%	7.17
	50.00	8.65%	4.33
	35.00	9.53%	3.34
	115.00	9.11%	10.48
	50.00	9.15%	4.58
	467.00	9.11%	42.54
	483.00	8.88%	42.89
	200.00	8.78%	17.56

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	400.00	9.78%	39.12	
PFC				
PFC-750	50.00	9.85%	4.93	
PFC-750	52.00	10.36%	5.39	
PFC-750	44.00	11.71%	5.15	
PFC-750	150.00	8.82%	13.23	
PFC-186	120.00	9.90%	11.88	
PFC-186	30.00	10.36%	3.11	
PFC-186	36.00	11.71%	4.22	
PFC-70	70.00	9.90%	6.93	
PFC-1457	100.00	9.85%	9.85	
PFC-1457	50.00	9.70%	4.85	
PFC-1457	40.00	9.90%	3.96	
PFC-1457	125.00	10.36%	12.95	
PFC-1457	4.00	11.70%	0.47	
PFC-1457	188.00	8.82%	16.58	
PFC-413	180.00	9.85%	17.73	
PFC-413	20.00	9.70%	1.94	
PFC-413	60.00	9.90%	5.94	
PFC-413	50.00	10.36%	5.18	
PFC-413	103.00	8.82%	9.08	
PFC-500	117.00	9.85%	11.52	
PFC-500	3.00	9.83%	0.29	
PFC-500	30.00	9.70%	2.91	
PFC-500	60.00	9.90%	5.94	
PFC-500	115.00	10.36%	11.91	
PFC-500	8.00	11.71%	0.94	
PFC-500	58.00	11.75%	6.82	
PFC-500	22.00	11.75%	2.59	
PFC-500	87.00	8.83%	7.68	
OBC	100.00	7.21%	7.21	
CANARA BANK	68.00	6.75%	4.59	
INDIAN BANK	100.00	7.70%	7.70	
SYNDICATE BANK	146.40	7.21%	10.55	
OBC	160.00	7.21%	11.53	
CANARA BANK	160.00	6.86%	10.98	
TOTAL B	**7102.40**		**620.65**	
CHEP-II				
SBI	85.71	10.50%	9.00	
PNB	82.50	8.75%	7.22	
PSB	75.00	11.00%	8.25	
CBI	50.00	9.50%	4.75	
BOI	75.00	10.25%	7.69	
SBH	32.14	9.50%	3.05	
SBP	32.14	10.75%	3.46	
HDFC	64.29	10.50%	6.75	
TOTAL C	**496.78**		**50.16**	
O Series	513.00	7.70%	39.50	
TOTAL D	**513.00**		**39.50**	
Weighted Av. Rate (TL+Bonds) as on 31.03.2009	**8221.68**		**720.64**	**8.77%**
	56.70			

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Weighted Average Rate of Interest on debts for the Corporation as on 31.03.2010			
	(Figures in Rupees)		
Particulars of redemption & repayment	31st March, 2010	Bench Mark rate as on 31.03.2010	
(A). BONDS (Non-convertible and Non-cumulative)			
BONDS-P SERIES *5 , 7 &10	20000000000	9.000	1800000000.00
BONDS-O SERIES *2	4560000000	7.700	351120000.00
TOTAL BONDS (A)	**24,560,000,000**		**2,151,120,000**
(B). TERM LOANS -Secured (Banks)			
STATE BANK OF PATIALA *1	280000000	8.322	23301600.00
CANARA BANK	510000000	6.750	34425000.00
INDIAN OVERSEAS BANK	250000000	9.000	22500000.00
CANARA BANK	300000000	9.750	29250000.00
BANK OF INDIA	650000000	9.750	63375000.00
CENTRAL BANK OF INDIA	400000000	9.000	36000000.00
HDFC BANK LTD.	500000000	10.000	50000000.00
PUNJAB & SIND BANK	650000000	10.500	68250000.00
PUNJAB NATIONAL BANK	675000000	8.250	55687500.00
STATE BANK OF PATIALA *1	250000000	10.250	25625000.00
STATE BANK OF HYDERABAD *1&6	250000000	10.250	25625000.00
STATE BANK OF INDIA *3&6	642900000	10.000	64290000.00
CANARA BANK *2	1400000000	6.860	96040000.00
SYNDICATE BANK *2	1281000000	7.207	92321670.00
ORIENTAL BANK OF COMMERCE *2	1400000000	7.207	100898000.00
ORIENTAL BANK OF COMMERCE *2	1000000000	7.207	72070000.00
INDIAN BANK *1	1000000000	7.210	72100000.00
INDIAN BANK *4&9	550000000	8.750	48125000.00
UCO BANK *8	6000000000	8.600	516000000.00
Total Term Loan- Banks (Secured)	**17,988,900,000**		**1,495,883,770**
(C)Term Loans -From Other Parties (Secured)			
LIFE INSURANCE CORPORATION OF INDIA *5 & 7	916666666	9.250	84791666.57
LIFE INSURANCE CORPORATION OF INDIA *5 & 7	22000000000	8.000	1760000000.00
LIFE INSURANCE CORPORATION OF INDIA *6	110000000	8.002	8802200.00
LIFE INSURANCE CORPORATION OF INDIA *6	850000000	8.440	71735750.00
LIFE INSURANCE CORPORATION OF INDIA *6	500000000	8.650	43250000.00
LIFE INSURANCE CORPORATION OF INDIA *6	350000000	9.530	33355000.00
LIFE INSURANCE CORPORATION OF INDIA *6	1150000000	9.110	104765000.00
LIFE INSURANCE CORPORATION OF INDIA *6	500000000	9.150	45750000.00
LIFE INSURANCE CORPORATION OF INDIA *6	4670000000	9.110	425437000.00
LIFE INSURANCE CORPORATION OF INDIA *6	4830000000	8.880	428904000.00
LIFE INSURANCE CORPORATION OF INDIA *6	2000000000	8.780	175600000.00
LIFE INSURANCE CORPORATION OF INDIA *6	4000000000	9.780	391200000.00
POWER FINANCE CORPORATION LIMITED *8	500000000	9.900	49500000.00
POWER FINANCE CORPORATION LIMITED *8	520000000	10.360	53872000.00
POWER FINANCE CORPORATION LIMITED *8	440000000	11.710	51524000.00
POWER FINANCE CORPORATION LIMITED *8	1500000000	8.820	132300000.00
POWER FINANCE CORPORATION LIMITED *8	500000000	7.780	38900000.00
POWER FINANCE CORPORATION LIMITED *8	550000000	7.730	42515000.00
POWER FINANCE CORPORATION LIMITED *8	400000000	8.820	35280000.00
POWER FINANCE CORPORATION LIMITED *8	50000000	7.980	3990000.00
POWER FINANCE CORPORATION LIMITED *8	550000000	8.270	45485000.00

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POWER FINANCE CORPORATION LIMITED	*8	921000000	9.900	91179000.00	
POWER FINANCE CORPORATION LIMITED	*8	300000000	10.360	31080000.00	
POWER FINANCE CORPORATION LIMITED	*8	360000000	11.710	42156000.00	
POWER FINANCE CORPORATION LIMITED	*8	700000000	9.900	69300000.00	
POWER FINANCE CORPORATION LIMITED	*2&3	1000000000	9.850	98500000.00	
POWER FINANCE CORPORATION LIMITED	*2&3	500000000	9.700	48500000.00	
POWER FINANCE CORPORATION LIMITED	*2&3	400000000	9.900	39600000.00	
POWER FINANCE CORPORATION LIMITED	*2&3	1250000000	10.360	129500000.00	
POWER FINANCE CORPORATION LIMITED	*2&3	40000000	11.700	4680000.00	
POWER FINANCE CORPORATION LIMITED	*2&3	1880000000	8.820	165816000.00	
POWER FINANCE CORPORATION LIMITED	*2&3	1000000000	7.800	78000000.00	
POWER FINANCE CORPORATION LIMITED	*2&3	850000000	7.730	65705000.00	
POWER FINANCE CORPORATION LIMITED	*2&3	200000000	8.280	16560000.00	
POWER FINANCE CORPORATION LIMITED	*2&3	850000000	7.980	67830000.00	
POWER FINANCE CORPORATION LIMITED	*2&3	1150000000	8.270	95105000.00	
POWER FINANCE CORPORATION LIMITED	*1	1490250000	9.850	146789625.00	
POWER FINANCE CORPORATION LIMITED	*1	200000000	9.700	19400000.00	
POWER FINANCE CORPORATION LIMITED	*1	600000000	9.900	59400000.00	
POWER FINANCE CORPORATION LIMITED	*1	500000000	10.360	51800000.00	
POWER FINANCE CORPORATION LIMITED	*1	1030000000	8.820	90846000.00	
POWER FINANCE CORPORATION LIMITED	*1	1045000000	9.850	102932500.00	
POWER FINANCE CORPORATION LIMITED	*1	30000000	9.830	2949000.00	
POWER FINANCE CORPORATION LIMITED	*1	300000000	9.700	29100000.00	
POWER FINANCE CORPORATION LIMITED	*1	600000000	9.900	59400000.00	
POWER FINANCE CORPORATION LIMITED	*1	1150000000	10.360	119140000.00	
POWER FINANCE CORPORATION LIMITED	*1	80000000	11.710	9368000.00	
POWER FINANCE CORPORATION LIMITED	*1	580000000	11.750	68150000.00	
POWER FINANCE CORPORATION LIMITED	*1	220000000	11.700	25740000.00	
POWER FINANCE CORPORATION LIMITED	*1	870000000	8.820	76734000.00	
Total Term Loan- Other Parties (Secured)		**66,982,916,666**		**5,932,216,742**	
Grand Total (A+B+C)		**109,531,816,666**		**9,579,220,512**	
Weighted Average Rate of Interest on debts for the Corporation as on 31.03.2010					**8.75%**

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Weighted Average Rate of Interest on debts for the Corporation as on 31.03.2011			
	(Figures in Rupees)		
Particulars of redemption & repayment	31st March, 2011	Bench Mark rate as on 31.03.2011	
(A). BONDS (Non-convertible and Non-cumulative)			
BONDS-P SERIES *5 , 7 &10	20000000000	9.000	1800000000.00
BONDS-O SERIES *2	3990000000	7.700	307230000.00
TOTAL BONDS (A)	**23,990,000,000**		**2,107,230,000**
(B). TERM LOANS -Secured (Banks)			
STATE BANK OF PATIALA *1	240000000	8.360	20064000.00
CANARA BANK	340000000	6.750	22950000.00
INDIAN OVERSEAS BANK	125000000	10.750	13437500.00
CANARA BANK	200000000	11.500	23000000.00
CANARA BANK *2	1200000000	6.860	82320000.00
SYNDICATE BANK *2	1098000000	7.207	79132860.00
ORIENTAL BANK OF COMMERCE *2	1200000000	7.207	86484000.00
ORIENTAL BANK OF COMMERCE *2	1000000000	7.207	72070000.00
INDIAN BANK *1	1000000000	8.930	89300000.00
INDIAN BANK *4&9	750000000	10.500	78750000.00
UCO BANK *8	10000000000	9.350	935000000.00
Total Term Loan- Banks (Secured)	**17,153,000,000**		**1,502,508,360**
(C)Term Loans -From Other Parties (Secured)			
LIFE INSURANCE CORPORATION OF INDIA *5 & 7	833333332	9.250	77083333.24
LIFE INSURANCE CORPORATION OF INDIA *5 & 7	20000000000	8.000	1600000000.00
LIFE INSURANCE CORPORATION OF INDIA *6	110000000	8.002	8802200.00
LIFE INSURANCE CORPORATION OF INDIA *6	850000000	8.440	71735750.00
LIFE INSURANCE CORPORATION OF INDIA *6	500000000	8.650	43250000.00
LIFE INSURANCE CORPORATION OF INDIA *6	350000000	9.530	33355000.00
LIFE INSURANCE CORPORATION OF INDIA *6	1150000000	9.110	104765000.00
LIFE INSURANCE CORPORATION OF INDIA *6	500000000	9.150	45750000.00
LIFE INSURANCE CORPORATION OF INDIA *6	4670000000	9.110	425437000.00
LIFE INSURANCE CORPORATION OF INDIA *6	4830000000	8.880	428904000.00
LIFE INSURANCE CORPORATION OF INDIA *6	2000000000	8.780	175600000.00
LIFE INSURANCE CORPORATION OF INDIA *6	4000000000	9.780	391200000.00
POWER FINANCE CORPORATION LIMITED *8	500000000	9.900	49500000.00
POWER FINANCE CORPORATION LIMITED *8	520000000	10.360	53872000.00
POWER FINANCE CORPORATION LIMITED *8	440000000	11.710	51524000.00
POWER FINANCE CORPORATION LIMITED *8	1500000000	8.820	132300000.00
POWER FINANCE CORPORATION LIMITED *8	500000000	7.780	38900000.00
POWER FINANCE CORPORATION LIMITED *8	550000000	7.730	42515000.00
POWER FINANCE CORPORATION LIMITED *8	400000000	8.820	35280000.00
POWER FINANCE CORPORATION LIMITED *8	50000000	7.980	3990000.00
POWER FINANCE CORPORATION LIMITED *8	550000000	8.270	45485000.00
POWER FINANCE CORPORATION LIMITED *8	400000000	7.920	31680000.00
POWER FINANCE CORPORATION LIMITED *8	300000000	9.920	29760000.00
POWER FINANCE CORPORATION LIMITED *8	735000000	9.900	72765000.00
POWER FINANCE CORPORATION LIMITED *8	300000000	10.360	31080000.00
POWER FINANCE CORPORATION LIMITED *8	360000000	11.710	42156000.00
POWER FINANCE CORPORATION LIMITED *8	700000000	9.900	69300000.00
POWER FINANCE CORPORATION LIMITED *2&3	10120000000	8.620	872344000.00

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POWER FINANCE CORPORATION LIMITED *2&3	1800000000	9.480	170640000.00
POWER FINANCE CORPORATION LIMITED *2&3	400000000	9.920	39680000.00
POWER FINANCE CORPORATION LIMITED *1	3407250000	8.620	293704950.00
POWER FINANCE CORPORATION LIMITED *1	4375000000	8.620	377125000.00
Total Term Loan- Other Parties (Secured)	**67,700,583,332**		**5,889,483,233**
Grand Total (A+B+C)	**108,843,583,332**		**9,499,221,593**

Weighted Average Rate of Interest on debts for the Corporation as on 31.03.2011 **8.73%**

Weighted Average Rate of Interest on domestic debts excl. Sub-Debts of the Corporation as on 31.03.2012

	(Figures in Rupees)		
Particulars of redemption & repayment	**31st March, 2012**	**Bench Mark rate as on 31.03.2012**	
(A). BONDS (Non-convertible and Non-cumulative)			
BONDS-P SERIES	20,000,000,000	9.000	1800000000.00
BONDS-O SERIES	2,850,000,000	7.700	219450000.00
BONDS-Q SERIES	12,660,000,000	9.250	1171050000.00
TOTAL BONDS (A)	**35,510,000,000**		**3,190,500,000**
(B). TERM LOANS -Secured (Banks)			
STATE BANK OF PATIALA	160,000,000	8.360	13376000.00
CANARA BANK	800,000,000	6.860	54880000.00
SYNDICATE BANK	732,000,000	7.207	52755240.00
ORIENTAL BANK OF COMMERCE	800,000,000	7.207	57656000.00
ORIENTAL BANK OF COMMERCE	800,000,000	7.207	57656000.00
INDIAN BANK	333,300,000	10.160	33863280.00
INDIAN BANK	750,000,000	11.750	88125000.00
UCO BANK	9,583,300,000	11.350	1087704550.00
CORPORATION BANK	5,000,000,000	10.650	532500000.00
CANARA BANK	1,500,000,000	10.750	161250000.00
IOB	1,500,000,000	10.750	161250000.00
P&SB	1,500,000,000	10.750	161250000.00
INDUSIND BANK	1,000,000,000	10.750	107500000.00
SYNDICATE BANK	1,500,000,000	10.750	161250000.00
UNION BANK OF INDIA	1,500,000,000	10.650	159750000.00
Total Term Loan- Banks (Secured)	**27,458,600,000**		**2,890,766,070**
(C)Term Loans -From Other Parties (Secured)			
LIFE INSURANCE CORPORATION OF INDIA	666,666,666	9.250	61666666.57
LIFE INSURANCE CORPORATION OF INDIA	16,000,000,000	8.000	1280000000.00
LIFE INSURANCE CORPORATION OF INDIA	17,380,000,000	9.120	1585056000.00
POWER FINANCE CORPORATION LIMITED	6,375,000,000	9.910	631762500.00
POWER FINANCE CORPORATION LIMITED	1,023,000,000	9.910	101379300.00
POWER FINANCE CORPORATION LIMITED	595,000,000	9.900	58905000.00
POWER FINANCE CORPORATION LIMITED	12,020,200,000	8.790	1056575580.00
POWER FINANCE CORPORATION LIMITED	2,581,300,000	8.620	222508060.00
POWER FINANCE CORPORATION LIMITED	3,375,000,000	8.620	290925000.00
Total Term Loan- Other Parties (Secured)	**60,016,166,666**		**5,288,778,107**
Grand Total (A+B+C)	**122,984,766,666**		**11,370,044,177**

Weighted Average Rate of Interest on debts for the Corporation as on 31.03.2012 **9.25%**

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

ANNEX-V to Form 14

Calculation Of Effective Rate Of Interest for KISHANGANGA H.E Project

Formula for Effective Rate of Interest =(1+r/m)^m-1
r = rate of ineterst p.a
m = frequency of interest payment

Fig. in Crores

Sl. No.	Name of the Bank/FI	Actual Rate Of Interest	Amount o/s as on 31.03.2012	Bench Mark rate as on 31.03.2012	-ve spread	r	m	r/m	1+r/m	(1+r/m)^m	(1+r/m)^m-1	{(1+r/m)^m-1} X 100 (in %)	INTEREST
	Corporation Bank	Floating	64.39	10.65		0.1065	12	0.0089	1.0089	1.1122	0.1122	11.22	7.22
			64.39										7.22
	Weighted Average Annualized Rate												11.22

Sl. No.	Name of the Bank/FI	Actual Rate Of Interest	Amount o/s as on 31.03.2013	Bench Mark rate as on 31.03.2013	-ve spread	r	m	r/m	1+r/m	(1+r/m)^m	(1+r/m)^m-1	{(1+r/m)^m-1} X 100 (in %)	INTEREST
	Corporation Bank	Floating	64.39	10.25		0.1025	12	0.0085	1.0085	1.1069	0.1069	10.69	6.88
	Syndicate Bank	Floating	5.00	10.25		0.1025	12	0.0085	1.0085	1.1069	0.1069	10.69	0.53
	R3-Series Bonds	FIXED	9.00	8.78		0.0878	1	0.0878	1.0878	1.0878	0.0878	8.78	0.79
	State bank of India 1000 Cr	Floating	1.42	10.19		0.1019	12	0.0085	1.0085	1.1069	0.1069	10.69	0.15
			79.81										8.36
	Weighted Average Annualized Rate												10.47

Sl. No.	Name of the Bank/FI	Actual Rate Of Interest	Amount o/s as on 31.03.2014	Bench Mark rate as on 31.03.2014	-ve spread	r	m	r/m	1+r/m	(1+r/m)^m	(1+r/m)^m-1	{(1+r/m)^m-1} X 100 (in %)	INTEREST
	Corporation Bank	Floating	64.39	10.25		0.1025	12	0.0085	1.0085	1.1069	0.1069	10.69	6.88
	Syndicate Bank	Floating	5.00	10.25		0.1025	12	0.0085	1.0085	1.1069	0.1069	10.69	0.53
	R3-Series Bonds	FIXED	9.00	8.78		0.0878	1	0.0878	1.0878	1.0878	0.0878	8.78	0.79
	State Bank of Hyderabad 500 Cr	Floating	35.75	10.20		0.1020	12	0.0085	1.0085	1.1069	0.1069	10.69	3.82
	State bank of India 1000 Cr	Floating	1.42	10.49		0.1049	12	0.0087	1.0087	1.1095	0.1095	10.95	0.16
			115.56										12.19
	Weighted Average Annualized Rate												10.54



Calculation Of Effective Rate Of Interest for KISHANGANGA H.E Project

Formula for Effective Rate of Interest =(1+r/m)^m-1
r = rate of ineterst p.a
m = frequency of interest payment

Fig. in Crores

Sl. No.	Name of the Bank/FI	Actual Rate Of Interest	Amount o/s as on 31.03.2015	Bench Mark rate as on 31.03.2015	-ve spread	r	m	r/m	1+r/m	(1+r/m)^m	(1+r/m)^m-1	{(1+r/m)^m-1} X 100 (in %)	INTEREST
	Corporation Bank	Floating	63.05	10.25		0.1025	12	0.0085	1.0085	1.1069	0.1069	10.69	6.74
	Syndicate Bank	Floating	4.90	10.25		0.1025	12	0.0085	1.0085	1.1069	0.1069	10.69	0.52
	R3-Series Bonds	FIXED	9.00	8.78		0.0878	1	0.0878	1.0878	1.0878	0.0878	8.78	0.79
	State Bank of Hyderabad 500 Cr	Floating	35.75	10.20		0.1020	12	0.0085	1.0085	1.1069	0.1069	10.69	3.82
	State bank of India 1000 Cr	Floating	1.42	10.25		0.1025	12	0.0085	1.0085	1.1069	0.1069	10.69	0.15
	S-2 Series Bonds	FIXED	53.43	8.54		0.0854	1	0.0854	1.0854	1.0854	0.0854	8.54	4.56
			167.54										16.59
	Weighted Average Annualized Rate												9.90

Sl. No.	Name of the Bank/FI	Actual Rate Of Interest	Amount o/s as on 31.03.2016	Bench Mark rate as on 31.03.2016	-ve spread	r	m	r/m	1+r/m	(1+r/m)^m	(1+r/m)^m-1	{(1+r/m)^m-1} X 100 (in %)	INTEREST
	Corporation Bank	Floating	57.68	9.65		0.0965	12	0.0080	1.0080	1.1003	0.1003	10.03	5.79
	Syndicate Bank	Floating	4.48	9.70		0.0970	12	0.0081	1.0081	1.1016	0.1016	10.16	0.46
	R3-Series Bonds	FIXED	9.00	8.78		0.0878	1	0.0878	1.0878	1.0878	0.0878	8.78	0.79
	State Bank of Hyderabad 500 Cr	Floating	35.01	9.75		0.0975	12	0.0081	1.0081	1.1016	0.1016	10.16	3.56
	State bank of India 1000 Cr	Floating	1.42	9.30		0.0930	12	0.0078	1.0078	1.0977	0.0977	9.77	0.14
	S-2 Series Bonds	FIXED	53.43	8.54		0.0854	1	0.0854	1.0854	1.0854	0.0854	8.54	4.56
	T-Series Bonds	FIXED	7.23	8.50		0.0850	1	0.0850	1.0850	1.0850	0.0850	8.50	0.61
			168.25										15.90
	Weighted Average Annualized Rate												9.45

Sl. No.	Name of the Bank/FI	Actual Rate Of Interest	Amount o/s as on 31.03.2017	Bench Mark rate as on 31.03.2017	-ve spread	r	m	r/m	1+r/m	(1+r/m)^m	(1+r/m)^m-1	{(1+r/m)^m-1} X 100 (in %)	INTEREST
	Corporation Bank	Floating	52.32	9.65		0.0965	12	0.0080	1.0080	1.1003	0.1003	10.03	5.25
	Syndicate Bank	Floating	4.06	9.60		0.0960	12	0.0080	1.0080	1.1003	0.1003	10.03	0.41
	R3-Series Bonds	FIXED	9.00	8.78		0.0878	1	0.0878	1.0878	1.0878	0.0878	8.78	0.79
	State bank of India 460 Cr	Floating	32.77	8.00		0.0800	12	0.0067	1.0067	1.0834	0.0834	8.34	2.73
	State bank of India 1000 Cr	Floating	1.30	9.15		0.0915	12	0.0076	1.0076	1.0951	0.0951	9.51	0.12
	S-2 Series Bonds	FIXED	53.43	8.54		0.0854	1	0.0854	1.0854	1.0854	0.0854	8.54	4.56
	T-Series Bonds	FIXED	7.23	8.50		0.0850	1	0.0850	1.0850	1.0850	0.0850	8.50	0.61
			160.11										14.48
	Weighted Average Annualized Rate												9.04

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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Calculation Of Effective Rate Of Interest for KISHANGANGA H.E Project

Formula for Effective Rate of Interest =(1+r/m)^m-1
r = rate of ineterst p.a
m = frequency of interest payment

Fig. in Crores

Sl. No.	Name of the Bank/FI	Actual Rate Of Interest	Amount o/s as on 31.03.2018	Bench Mark rate as on 31.03.2018	-ve spread	r	m	r/m	1+r/m	(1+r/m)^m	(1+r/m)^m-1	{(1+r/m)^m-1} X 100 (in %)	INTEREST
	R3-Series Bonds	FIXED	9.00	8.78		0.0878	1	0.0878	1.0878	1.0878	0.0878	8.78	0.79
	S-2 Series Bonds	FIXED	53.43	8.54		0.0854	1	0.0854	1.0854	1.0854	0.0854	8.54	4.56
	T-Series Bonds	FIXED	7.23	8.50		0.0850	1	0.0850	1.0850	1.0850	0.0850	8.50	0.61
	V-Series Bonds	FIXED	5.78	6.84		0.0684	1	0.0684	1.0684	1.0684	0.0684	6.84	0.40
	V2-Series Bonds	FIXED	46.26	7.52		0.0752	1	0.0752	1.0752	1.0752	0.0752	7.52	3.48
	W1-Series Bonds	FIXED	17.85	6.91		0.0691	1	0.0691	1.0691	1.0691	0.0691	6.91	1.23
	W2-Series Bonds	FIXED	14.47	7.35		0.0735	1	0.0735	1.0735	1.0735	0.0735	7.35	1.06
			154.02										12.14
	Weighted Average Annualized Rate												7.88

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

FORM-14A

Actual Cash Expenditure

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga HE Project

(Amount in Lakhs)

Year	Quarter-I	Quarter-II	Quarter-III	Quarter-IV `	Yearly Total	Cummulative
2001-02	-	-	-	309.49	309.49	309.49
2002-03	-	-	-	240.81	240.81	550.30
2003-04	-	-	-	286.67	286.67	836.97
2004-05	-	-	-	644.68	644.68	1,481.65
2005-06	-	333.09	-	320.71	653.80	2,135.45
2006-07	-	445.68	-	325.33	771.01	2,906.46
2007-08	-	488.32	-	1,850.76	2,339.08	5,245.54
2008-09	-	2,251.15	-	10,581.51	12,832.66	18,078.20
2009-10	351.86	807.14	3,731.03	6,615.77	11,505.80	29,584.00
2010-11	3,480.68	15,155.13	3,814.66	18,197.54	40,648.01	70,232.01
2011-12	6,625.16	19,838.82	12,574.45	32,306.34	71,344.77	141,576.78
2012-13	12,115.25	19,042.67	22,051.12	24,404.57	77,613.61	219,190.39
2013-14	21,431.50	27,852.71	35,061.46	25,272.47	109,618.14	328,808.53
2014-15	21,047.45	15,543.59	16,223.68	10,778.19	63,592.91	392,401.44
2015-16	8,687.08	16,539.23	19,269.70	11,572.26	56,068.27	448,469.71
2016-17	14,027.99	7,958.58	8,293.97	5,587.03	35,867.57	484,337.28
2017-18	15,431.77	8,905.63	13,534.50	12,675.95	50,547.85	534,885.13
2018-19	2,720.11				2,720.11	537,605.25
Total Fund Deployment						537,605.25
Total audited expenditure upto 24.05.2018						537,605.25

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

For
M/s. Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

For NHPC LTD.
M G Gokhale
GM (Comml.)

FORM-15A

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

Generating Company: NHPC Ltd.

Name of Hydro-electric Generating Station : Kishanganga H. E. Project.
Installed Capacity : No. of units X MW: 3x110MW

Month		Design Energy* (MUs)	Designed Peaking Capability (MW)*
April	I	75.24	330
	II	75.24	330
	III	75.24	330
May	I	75.24	330
	II	75.24	330
	III	82.76	330
June	I	75.24	330
	II	75.24	330
	III	75.24	330
July	I	75.24	330
	II	75.24	330
	III	82.76	330
August	I	69	330
	II	65.39	330
	III	63.16	330
September	I	53.55	330
	II	52.97	330
	III	48.14	330
October	I	47.73	330
	II	49.71	330
	III	47.89	330
November	I	19.64	330
	II	17.36	330
	III	16.73	330
December	I	6.61	330
	II	4.48	330
	III	3.6	330
January	I	8.64	330
	II	8.71	330
	III	9.24	330
February	I	11.85	330
	II	13.22	330
	III	10.51	330
March	I	37.82	330
	II	46.89	330
	III	82.19	330
Total		**1712.96**	

* As per CEA letter dated 23.05.2017

Note:

Specify the number of peaking hours for which station has been designed: **Min. 3 Hrs. peaking (except few 10 daily periods in Dec & Jan).**

For
For Arora Vohra & Co.
Chartered

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

FORM-15B

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

Name of Compa : NHPC Limited
Name of Power : Kishanganga Power station
Installed Capacity : 3 X 110 MW = 330 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 Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Limited

(M G Gokhale)
GM (Comml)

Liability Flow Statement (FY 2018-19)

Form-16

Name of the Petitioner NHPC Limited

Amt in Rs.

Name of the Generating Kishanganga Power Station

GL CODE	Sl.No.	Party code	Party	Asset/Work	Year of actual capitalisation	Party wise detail	Discharges from COD i.e 24.05.2018 to 31.03.2019	Reversal of Provision from COD i.e 24.05.2018 to 31.03.2019	Liability as on 31.03.2019
	A		Liability pertaing to COD /24-05-2018						
351211	1	S014165	DEPUTY COMMISSONER, BANDIPORA	PROVISION CREATED FOR R&R EXP PLAN	COD	680127561	288688000	0	391439561
310101	2	S008080	CIVIL GROUP OF ENGINEERS	BOUNDARY WALL GUREZ	COD	149000	0	0	149000
310101	3	S017624	AALAM CONSTRUCTIONS	Temp Shed for CISF-Gurez	COD	129000	0	0	129000
310101	4	S029988	M/S BUHROO CONSTRUCTIIONS	Building/Morcha	COD	15000	15000	0	0
310201	5	S011937	GHULAM NABI TANTRY	Construction of Temp Security Barracks	COD	20000	0	0	20000
310201	6	S011944	MOHAMMAD AMIN BH	Construction of Field Hostel (Temp. type)	COD	21449	0	0	21449
310201	7	S012176	ESCON ELECTRICALS	Electrification of Officer Club	COD	89083	0	0	89083
310201	8	S012797	MOHD. AMIN BHAT	Consruction of Permanent Field Hostel	COD	2764248	0	0	2764248
310201	9	S029988	M/S BUHROO CONSTRUCTIIONS	Consruction of Club Building	COD	86394	0	0	86394
310301	10	S008080	CIVIL GROUP OF ENGINEERS	Construction of Boundry wall at Dawar.	COD	137031	0	0	137031
310301	11	S011937	GHULAM NABI TANTRY	Construction of 10 Nos. B type Quarters Temp	COD	12429	0	0	12429
310301	12	S011944	MOHAMMAD AMIN BHAT	Construction of Field Hostel (Temp. typ	COD	78531	0	0	78531
310301	13	S012797	MOHD. AMIN BHAT	Consruction of Permanent Field Hostel	COD	720127	720127	0	0
310301	14	S017624	AALAM CONSTRUCTIONS	Construction of barrack for CISF Gurez	COD	223078	0	0	223078
310301	15	S029988	M/S BUHROO CONSTRUCTIIONS	Const. of Officer's club	COD	436249	305978	0	130271
310501	16	S029988	M/S BUHROO CONSTRU	Construction of Permanent Guest House and LINK ROAD JAMA MASJID TO MANTRIGAM	COD	257583	0	0	257583
310501	17	S012176	ESCON ELECTRICALS	Internal Electrification of C-Type Qtrs. 123400, Electrification of Officer Club-43311	COD	166711	0	0	166711
310501	18	S008742	T.Z ENGINEERING WOR	Internal Electrification of Permanent Guest house	COD	23375	0	0	23375
311302	19	S012797	MOHD. AMIN BHAT	Consruction of Permanent Field Hostel	COD	26716	26716	0	0
311302	20	S029988	M/S BUHROO CONSTRUCTIIONS	Construction of Permanent Guest House	COD	16508	16508	0	0
311402	21	S012797	MOHD. AMIN BHAT	Consruction of Permanent Field Hostel	COD	336617	336617	0	0
311407	22	S012797	MOHD. AMIN BHAT	Consruction of Permanent Field Hostel	COD	26713	26713	0	0
312101	23	S029988	M/S BUHROO CONSTRUCTIIONS	Permanent GH Building.	COD	4817268	3868992	88398	859878
312101	24	S029988	M/S BUHROO CONSTRUCTIIONS	Temp Shed for CISF-Kitchen and Shed near Helipad	COD	1172447	1172447		0
312101	25	S008080	M/S CIVIL GROUP OF ENGINEERS	Boundary wall at Mastan, Dawar, Gurej	COD	450000	191213	252874	5913
312101	26	S017624	AALAM CONSTRUCTIONS	Temp. barrack for CISF at Dam SitePkg-134	COD	550000	550000	0	0
310301	27	S000572	HCC Limited	Major works-Civil (PH-Building : Propertionate Amt)	COD	6631629	0	0	6631629
	28		Several Parties-EAC	EAC Liability-Several Parties-Detail Enclosed	COD	5633538	4486644	3798	1143096
350919	29	S000572	HCC Limited	Fair assessment of Contingent Llab.	COD	32520659	0	0	32520659
312101	30	S000572	HCC Limited	HYDROMECHANICAL WORKS-DAMS AND BARRAGES	COD	28434104	0	28434104	0
312101	31	S000572	HCC Limited	HYDROMECHANICAL WORKS-TUNNELS AND CANALS	COD	2765196	0	2765196	0
312101	32	S000572	HCC Limited	HYDROMECHANICAL WORKS-TAIL RACE INCLUDING DRAFT TUBE GATES	COD	1851423	0	1851423	0
311407	33	S000572	HCC Limited	Major Work-Civil	COD	395172	395172	0	0
311404	34	S000572	HCC Limited	Major Work-Civil	COD	97270	97270	0	0
311302	35	S000572	HCC Limited	Major Work-Civil	COD	669783	669783	0	0
310301	36	S000572	HCC Limited	Major Work-Civil	COD	26799132	0	0	26799132
310208	37	S000572	HCC Limited	Major Work-HMO	COD	127332530		3631777	123700753

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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GL CODE	Sl.No.	Party code	Party	Asset/Work	Year of actual capitalisation	Party wise detail	Discharges from COD i.e 24.05.2018 to 31.03.2019	Reversal of Provision from COD i.e 24.05.2018 to 31.03.2019	Liability as on 31.03.2019
310201	38	S000572	HCC Limited	Major Work-HM	COD	41437362	649000	0	40788362
310201	39	S000572	HCC Limited/PES/PARIS Motors	Major Work-Civil	COD	25455552		23889832	1565720
310101	40	S005574	PES ENGINEERS PVT. LTD.	Major Work-Civil (Dam Toe)	COD	40000	0	0	40000
	41		Several Parties-EAC	EAC Liability-Several Parties-Detail Enclosed	COD	80850715	64390874	54508	16405333
312101	42	S000572	HCC Limited	Major Work-EM	COD	36040174	36040174	0	0
310208	43	S000572	HCC Limited	Major Work-EM	COD	27261175		777542	26483633
310201	44	S000572	HCC Limited	Major Work-EM	COD	347874322	112542557	0	235331765
	45		Several Parties-EAC	EAC Liability-Several Parties-Detail Enclosed	COD	16327546	13003533	11008	3313005
310201	46	S027919	CHIEF ENGINEER, EM &	Sub-Station -Residential Complex	COD	3578615	0	0	3578615
310431	47	S041974	JCB INDIA LTD	JCB excavator	COD	200000	0	0	200000
312101	48	S011783	MOHAMMAD YOUNIS K	Water supply system TRT to Colony	COD	797539	797539	0	0
310201	49	S032793	BCC WATER FILTERATIO	BCC water filtration plant	COD	176650	3265	0	173385
310501	50	S011783	MOHAMMAD YOUNIS K	Water supply system TRT to Colony	COD	142028	0	0	142028
310305	51	S012925	AGE BUILDERS	Water Boring	COD	18800	0	0	18800
310301	52	S032793	BCC WATER FILTERATIO	BCC water filtration plant	COD	83560	0	0	83560
310101	53	S032793	BCC WATER FILTERATIO	BCC water filtration plant	COD	16000	0	0	16000
310431	54	S033403	ANTRIKSH TECHNOSYS I	Mobile Booster and Stabilizer and VHF Equip	COD	922509	839979	0	82530
310431	55	S041247	AB SEA CONTAINER PVT	Purchase of Porta Cabin	COD	1692185	1126795	0	565390
310203	56	S016997	VIRTUAL ELECTRONICS (	RADAR BASED WATER LEVEL MEASUREMENT, SENSOR AND REMOTE DISPLAY WITH 4 - 20 MA RETRANSMISSION OUTPUT	COD	98062	0	0	98062
310101	57	S016997	VIRTUAL ELECTRONICS (	RADAR BASED WATER LEVEL MEASUREMENT, SENSOR AND REMOTE DISPLAY WITH 4 - 20 MA RETRANSMISSION OUTPUT	COD	8000	0	0	8000
			Sub-Total (A)			**1509004348**	**530960896**	**61760460**	**916282992**

	B		**Liability pertaing to Add Cap from COD to 31.03.2019**						**Form-9A**
410111	1	S014165	DEPUTY COMMISSONER	Land Purchased From Jameed Ahmed Akhoon Near Colony Main Gate, Kralpora					0
410201	2	S034873	GOUSIA ROAD CONSTRU	Two Lane Internal Road With Side Drain At Nhpc Colony, Kralpora					1150480
410301	3	S000572	HCC/CISF EAC	Building Containing Hydro Electric Generating Plant					1095755
410303	4	S000572	HCC	Building Containing Transmission Plant-Equipment					300225
410325	5	S032343	M/S MOHAMMAD ASRA	Permanent C-Type Residential Quarter Including Water Supply And Sanitary Works-24 Quarters					8404974
410326	6	S041247	AB SEA CONTAINER PVT	Portable Toilet Cabin 20'x10'x8' With 5 Toilet Seats And 5 Bath Showers					50500
410326	7	S032343	M/S MOHAMMAD ASRA	Temporary Shed For Cisf Near Main Gate-Kralpora					0
410326	8	S032343	M/S MOHAMMAD ASRAF GILKAR ENGINEERS & CONTRACTORS	Temporary Shed For Cisf Back Side Of Admin Office Bldg-Kralpora					0
410326	9	S032343	M/S MOHAMMAD ASRA	Temporary Toilet Shed For Cisf Near Substation-Kralpora					0
410326	10	S017624	M/S AALAM CONSTRUC	Temporary Structure Barrack/Accomodation For Cisf At Dam Site Gurej					74832
410326	11	S012960	M/S TARIQ AHMAD BHA	Temporary Barrack For Cisf Internal Electrification At Kralpora					24185
410326	12	S017624	M/S AALAM CONSTRUCTION	Temporary Barrack For Cisf At Residential Complex Dawar (Pkg-135)					628097
410326	13	S017624	M/S AALAM CONSTRUCTION	Temporary Shed Toilet/Bathroom For Cisf At Gurej					15352
410328	14	S014165	DEPUTY COMMISSONER	Building Acquire From Jameed Ahmad Akhoon At Main Gate Colony Karalpora					0

ARORA KOHLI & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

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GL CODE	Sl.No.	Party code	Party	Asset/Work	Year of actual capitalisation	Party wise detail	Discharges from COD i.e 24.05.2018 to 31.03.2019	Reversal of Provision from COD i.e 24.05.2018 to 31.03.2019	Liability as on 31.03.2019
410328	15	S030156	M/s Sikander Gulzar, Srinagar	Construction Of Two No. Watch Tower At Power House					597240
410328	16	S029988	M/S BUHROO CONSTRU	Permanent Bank & Post Office Building With Water Supply And Sanitary Works-Kralpora					2175859
410425	17	S012176	M/S ESCON ELECTRICAL	Internal Electrification Of Permanent C-Tpe Residential Building At Kralpora					1202806
410428	18	S008742	M/S T Z ENGINEERING WORKS, SRINAGAR	Internal Electrification Of Permanent Guest House Building At Kralpora					1001068
410428	19	S012960	M/S TARIQ AHMAD BHATT	Internal Electrification Of Bank & Post Office Building At Kralpora					263428
410601	20	S000572	HCC	Dams And Barrages					1381156
410604	21	S000572	HCC/CISF EAC	Power Tunnels And Pipelines					12638502
410607	22	S000572	HCC	Tailrace Tunnels					0
410608	23	S000572	HCC/PES ENGINEERS PVT. LTD.	HYDROMECHANICAL WORKS-DAMS AND BARRAGES					10290660
410610	24	S000572	HCC	Hydromechanical Works-Tunnels And Canals					0
410611	25	S000572	HCC	HYDROMECHANICAL WORKS-TAIL RACE INCLUDING DRAFT TUBE GATES					0
410701	26	S000572	HCC/CISF EAC	Main Generating Equipment : Unit-I					377910
410701	27	S000572	HCC/CISF EAC	Main Generating Equipment : Unit-Ii					377910
410701	28	S000572	HCC/CISF EAC	Main Generating Equipment : Unit-Iii					377910
410702	29	S000572	HCC	Generator Step Up Transformer : Unit-I					0
410702	30	S000572	HCC	Generator Step Up Transformer : Unit-Ii					0
410702	31	S000572	HCC	Generator Step Up Transformer : Unit-Iii					0
410703	32	S000572	HCC	Other Power Plant Transformer					0
410704	33	S000572	HCC	Cooling Water Systems : Unit-I					0
410704	34	S000572	HCC	Cooling Water Systems : Unit-Ii					0
410704	35	S000572	HCC	Cooling Water Systems : Unit-Iii					0
410705	36	S000572	HCC	Ehv Switchgear Systems					27220010
410707	37	S000572	HCC	Dc Systems/Battery Systems					0
410708	38	S000572	HCC	Power And Control Cables : Unit-I					0
410708	39	S000572	HCC	Power And Control Cables : Unit-Ii					0
410708	40	S000572	HCC	Power And Control Cables : Unit-Iii					0
410709	41	S000572	HCC	Air Conditioning And Ventilation Systems					0
410711	42	S000572	HCC	Control, Metering And Protection System : Unit-I					0
410711	43	S000572	HCC	Control, Metering And Protection System : Unit-Ii					0
410711	44	S000572	HCC	Control, Metering And Protection System : Unit-Iii					0
410712	45	S000572	HCC	Auxilliary And Ancilliary Systems					0
410713	46	S000572	HCC	Miscellaneous Power Plant Equipments					0
410714	47	S000572	HCC	Miv Service Seal					0
411112	48	S045554	Z.H. TRADERS	Monoblock Water Pump With Motor 1.5 Hp-2 Nos					0
411112	49	S040201	V.N.TRADERS	Kirloskar Pump Set 2 Hp Cap. 2" Suction & 1.5" Delivery, Model-Kds-235+,230V-3 Nos					0
411201	50	S011783	M/s Yunis Khan, R/o Badyar Bala,Srinagar	Drinking Water Supply System From Trt Outlet To Nhpc Colony					68994
411701	51	S042570	A S M PHARMA	Three Seater Chair-(1820(L)X690(D)X790(H)-Steel-2 Nos					0
411701	52	S042570	A S M PHARMA	Bed Side Locker-3 Nos					0
411707	53	S034814	SMILING FURNITURE HOUSE (REGD)	Wooden Dining Table Set (3' 5X 3' 5X 30) With Four Chairs-2 Nos					0
411707	54	S009105	NEW LOOK FURNITURE INDUSTRIES	Double Bed (Box Type) Teak Ply 6 X 6 Ft.-18 Nos					0
411801	55			Laptop -3 Nos					0
411801	56	S008136	K.S.ENTERPRISES	Hp Desktop Computer Mt 280 G4 , With Colour Monitor Hp 18.5 Led (I7,8Gb,2666Mhz Ddr4 Ram, Win 10P8 -2 Nos					147600
411803	57	S008136	K.S.ENTERPRISES	Printer -3 Nos					22250
411804	58	S045693	S R ENTERPRISES	Solar Module Pannel (5X300W), Make: Sova Model No. 6Lpm120L					0

ARORA MOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N CA 3 of 5

GL CODE	Sl.No.	Party code	Party	Asset/Work	Year of actual capitalisation	Party wise detail	Discharges from COD i.e 24.05.2018 to 31.03.2019	Reversal of Provision from COD i.e 24.05.2018 to 31.03.2019	Liability as on 31.03.2019
411804	59	S027475	SYSTEM SOFT INCLUSION	Ups Double Battery, Make Zebronics, Model: Zeb-U1200-14 Nos					0
411804	60	S046740	S.M.TECHNOLOGIES	Ups Double Battery, Make Zebronics, Model: Zeb-U1200-3 Nos					0
411804	61	S027475	SYSTEM SOFT INCLUSION	8 Port Giga Switch-Make: D-Link, Model:Dgs-1008-14 Nos					0
411804	62	S027475	SYSTEM SOFT INCLUSION	Switch 24 Port Gigabit-Make: D-Link, Model:Dgs-1025					0
411804	63	S044841	PAHLOO CLASSIC ENTERPRISES	Cisco Router Model 1941 Sec K9 With All Accessories					0
411804	64	S027475	SYSTEM SOFT INCLUSION	9U Rack With Power Supply-Make: Dynamic, Model No. Dr-Wm-9U-400					0
411804	65	S027475	SYSTEM SOFT INCLUSION	Radio P2P, 5Ghz To 5.5 Ghz Unlicensed-Make-Cambium, Model: Force 180-13 Nos					56085
411804	66	S027475	SYSTEM SOFT INCLUSION	6U Rack With Power Supply-Make: Dynamic, Model No. Dr-Wm-6U-400-13 Nos					0
411903	67	S033403	ANTRIKSH TECHNOSYS PVT. LIMITED	40Kva,3Phase Stabilizer,I/P Vol.260-470V,O/P Volt. 415 +/- 1% Oil Filled, Make:Power, Model:Servo					0
411903	68	S033403	ANTRIKSH TECHNOSYS PVT. LIMITED	Tri Band Mobile Booster 900+1800+2100Mhz With Indoor Outdoor Antenna-4 Nos					0
411903	69	S027475	SYSTEM SOFT INCLUSION	6- Port Fiber Sc-Style Liu , Sm, Patch Panel, 1U, Fully Loaded, Digilink Make Model-Dfbox06Rxxxx-2 Nos					0
411903	70	S027475	SYSTEM SOFT INCLUSION	Rack 12U With Power Unit, D-Link Nwr-12U- 5045-Gr With Accessories-2 Nos					0
412005	71	S042570	A S M PHARMA	Emergency Medicine Trolly					0
412005	72	S042570	A S M PHARMA	Movable Dressing Trolly,Ss-2 Nos					0
412007	73	S045917	SAB'S ENTERPRISES	Kent Ace Ro+Uv+Uf+T.D.S Control 15Ltr Capacity-7 Nos					128800
412007	74	S031610	TIME INDIA	Washing Machine (Fully Automatic), Make-Lg/Model-T8077Nedlj-5 Nos					0
412014	75	S027475	SYSTEM SOFT INCLUSION	32 Led Tv-Make: Samsung,, Model No. Ua32N4003Arxxl-3 Nos					0
412014	76	S027475	SYSTEM SOFT INCLUSION	Nvr 32 Channel-Make-Vintron And Model No.Vin-Nvr-8432-5					0
412014	77	S027475	SYSTEM SOFT INCLUSION	Nvr 8 Channel-Make-Vintron And Model No.Vin-Nvr-8108-5-2 Nos					0
412020	78	S044841	PAHLOO CLASSIC ENTERPRISES	Inverter 24V, 2000Va Luminous Pro Ups 2250					0
412020	79	S012773	JAYS ENTERPRISE	Coffee Vending Machine - Atlantis , 4 Lane					0
412020	80	S012773	JAYS ENTERPRISE	Water Purifier - Kent Elite Ro 25 Ltr					0
412501	81	S031610	TIME INDIA	Led Tv 32 - Make- Lg, Model No. 32Lk526Bpta-28 Nos					0
412503	82	S044816	BIOTECH SOLUTIONS	Bio Digester Tank Of 2000 Ltrs.-2 Nos					0
412503	83	S045693	S R ENTERPRISES	Iron Stand Truss Type For Module Panel,Dimensions (21' X 6'6" X 7') X 5					0
412503	84	S027475	SYSTEM SOFT INCLUSION	Ip Fixed Camera, Bullet 4 Mp, Vintron, Vin-Ip-L14-408Ar-A6-20 Nos					0
412503	85	S027475	SYSTEM SOFT INCLUSION	Poe Adapter Tplink-Tendapoe15F-30 Nos					0
412503	86	S045693	S R ENTERPRISES	Inverter 2.2Kva (Hybrid 24 Volt) - Exide, Model No. 5Hpst					0
412503	87	S041509	PATHAN ENTERPRISES	Gas Heater-5 Nos					39920
412503	88	S041628	M. SONS	Juicer Cum Grinder, Make-Havells, Model No- Rigo					5201
412503	89	S043071	UTTAM DAS	Fiber Glass Model Of Size 6Ftx3.5 Ft With Base As Teak & Water Proof Ply,River As Running Film Sys.					0
412801	90	S045693	S R ENTERPRISES	Single Battery Trolly, Luminious-2 Nos					0
412801	91	S012244	AMIN ELECTRICALS	Heat Convector-15 Nos					42000
412801	92	S027475	SYSTEM SOFT INCLUSION	Ups Double Battery, Make Zebronics, Model: Zeb-U1200-2 Nos					0
412801	93	S044841	PAHLOO CLASSIC ENTERPRISES	Ups Double Battery, Make Zebronics, Model: Zeb-U1200-5 Nos					0

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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GL CODE	Sl.No.	Party code	Party	Asset/Work	Year of actual capitalisation	Party wise detail	Discharges from COD i.e 24.05.2018 to 31.03.2019	Reversal of Provision from COD i.e 24.05.2018 to 31.03.2019	Liability as on 31.03.2019
412801	94	S027475	SYSTEM SOFT INCLUSION	Media Converter, D-Link Dfe-855S-15I- 2 Nos					0
412801	95	S045554	Z.H. TRADERS	Monoblock Pump,Single Phase,0.5 Hp- 2 Nos					0
412801	96	S042425	S K BROTHERS	Diesel Lifting Pump Hand Operated Type - Make-Prima Model-R201/202					0
412801	97	S012773	JAYS ENTERPRISE	Water Storage Tank 100 Ltr.					0
412801	98	S012494	ASSOCIATED STORES	Induction Cooker, Bajaj/Icx 8					0
412801	99	S042406	A M ENTERPRISES	Pillar Heater Double Rod Make Gopi (Sunfire)- 15 Nos					62850
412801	100	S042570	A S M PHARMA	Revolving Stool Steel					0
412801	101	S042570	A S M PHARMA	Bed Side Screen With Four Folding With Curtains With Coasters.Make: Medilite.- 2 Nos					0
412801	102	S042570	A S M PHARMA	Drip Stand/ I/V Stand- 2 Nos					0
			Total (B)	Total					70222559
			Grand Total	Grand Total					986505551

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Limited

(M G Gokhale)
GM (Comml)

ANNEX-II

ANNEX-II

FORM- 1

Summary Sheet

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga Power Station
Place (Region/District/State) : Northern/Bandipora/Jammu and Kashmir

(Rs.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	7,363.72	8,675.78	8,811.13	8,939.38	9,029.69	9,130.61
1.2	Interest on Loan	4,953.58	5,323.76	4,969.19	4,869.12	4,742.54	4,470.54
1.3	Return on Equity[1]	31,217.75	34,690.98	35,232.17	35,744.99	36,106.11	36,509.65
1.4	Interest on Working Capital	1,413.28	1,604.34	1,650.27	1,701.51	1,751.49	1,802.21
1.5	O & M Expenses	10,232.18	14,936.68	15,649.16	16,395.62	17,177.69	17,997.07
	Total	**55,180.51**	**65,231.53**	**66,311.91**	**67,650.62**	**68,807.52**	**69,910.07**

* Part year AFC

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 427th board meeting held on 17.09.2019.

For Arora Vohra & Co.
Chartered Accountants
FRN: 009487N

(Ashwani Aggarwal)
M.No. 013833
Partner
UDIN: 20013833AAAAAD6187

ARORA VOHRA & CO. FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

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FORM-1(I)

Name of the Petitioner : NHPC LIMITED
Name of the Generating Station : Kishanganga Power Station
Place (Region / District / State) : Northern/Bandipora/Jammu and Kashmir

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	575500.02	581,270.71	593,546.02	598,370.89	605,587.37
2	Add : Addition during the year / period	1,958.18	6,237.16	4,810.47	7,216.48	6,239.72
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	3,812.51	6,038.15	14.40	0.00	0.00
6	**Closing Capital Cost**	**581,270.71**	**593,546.02**	**598,370.89**	**605,587.37**	**611,827.09**
7	**Average Capital Cost**	**578,385.37**	**587,408.37**	**595,958.46**	**601,979.13**	**608,707.23**

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

Sl.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7
1	Opening Capital Cost	575,500.02	581,270.71	593,546.02	598,370.89	605,587.37
2	Add : Addition during the year / period	1,958.18	6,237.16	4,810.47	7,216.48	6,239.72
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	3,812.51	6,038.15	14.40	0.00	0.00
6	**Closing Capital Cost**	**581,270.71**	**593,546.02**	**598,370.89**	**605,587.37**	**611,827.09**
7	**Average Capital Cost**	**578,385.37**	**587,408.37**	**595,958.46**	**601,979.13**	**608,707.23**

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	0.00	0.00	0.00	0.00
2	Add : Addition during the year / period	0.00	0.00	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**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
7	**Average Capital Cost**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Limited

(M G Gokhale)
GM (Comml.)

FORM-1(II)

Name of the Petitioner : NHPC LIMITED
Name of the Generating Station : Kishanganga Power Station
Place (Region / District / State) : Northern/Bandipora/Jammu and Kashmir

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)	**172,650.01**	174,381.21	178,063.81	179,511.27	181,676.21
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)	172,650.01	174,381.21	178,063.81	179,511.27	181,676.21
5	Add : Increase in equity due to addition during the year/period	587.45	1,871.15	1,443.14	2,164.94	1,871.92
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	1,143.75	1,811.45	4.32	0.00	0.00
9	Net closing Equity(Normal)	**174,381.21**	**178,063.81**	**179,511.27**	**181,676.21**	**183,548.13**
10	Average Equity (Normal)	**173,515.61**	**176,222.51**	**178,787.54**	**180,593.74**	**182,612.17**
11	Rate of ROE	19.993%	19.993%	19.993%	19.993%	19.993%
12	**Total ROE**	**34690.98**	**35232.17**	**35744.99**	**36106.11**	**36509.65**

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	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00
5	Add : Increase in equity due to addition during the year/period	0.00	0.00	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)]	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
10	Average Equity [pertaining to Proviso to Regulation 30(2)]	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
11	Rate of ROE (weighted average rate of interest on actual loan portfolio)	9.597%	9.597%	9.597%	9.597%	9.597%
12	**Total ROE**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Note: 1. Adjustment of equity as per Proviso to Regulation 18(3) of 2019 Tariff Regulations
Note: 2. With respect to Equity infusion, the Generating Company is required to substantiate with supporting documents such as board resolution, balance sheet/ reconciliation statement with balance sheet.

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Limited

(M G Gokhale)
General Manager (Comml.)

FORM-2

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 : Kishanganga 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	330	300				
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		18.05.2018	18.05.2018				
	Unit-2		24.05.2018	24.05.2018				
	Unit-3		24.05.2018	24.05.2018				
5	Type of Station							
	a) Surface / underground		Underground					
	b) Purely ROR / Pondage / Storage		ROR with pondage					
	c) Peaking / non-peaking		Peaking					
	d) No. of hours of peaking		Min. 3 Hrs. peaking (except few 10 daily periods in Dec & Jan).					
	e) Overload capacity (MW) & period		110% of rated output (363 MW), continous					
6	Type of excitation							
	a) Rotating exciters on generator							
	b) Static excitation		Static (Digital)					
7	Design Energy (Annual)[1]	GWh	1712.96 MU					
8	Auxiliary Consumption including Transformation losses	%	1.2	1.2				
8	Normative Plant Availability Factor (NAPAF)		90	90				
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[2]	%	21.549%	17.472%				
9.6	Effective Tax Rate[4]		22.157%	17.472%				
9.7	Bank Rate (MCLR) + base points as on 01.04.2019 [3]	%	12.20%	12.05%				

1. Month wise 10-day Design energy figures to be given separately with the petition.
2. Tax rate applicable to the company for the year FY 2018-19 should also be furnished.
3. Mention relevant date
4. Effective tax rate is to be computed in accordance with Regulation 31 i.e. actual tax (or advance tax) / gross income, where gross income refers the profit before tax.

* 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 forgrossingup of ROE for the period 2019-24.

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

FORM- 3

Salient Features of Hydroelectric Project

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

1. Location	
State/Distt.	Jammu & Kashmir, Distt.-Baramulla
River	Kishanganga
2. Diversion Tunnel	
Size, shape	9.5 m dia. Horseshoe
Length (M)	569m
3. Dam	
Type	CFRD
Maximum dam height (M)	37m
4. Spillway	
Type	Chute spillway
Crest level of spillway (M)	EL 2370.00
5. Reservoir	
Full Reservoir Level (FRL) (M)	EL 2390 m
Minimum Draw Down Level (MDDL) (M)	EL 2384.5 m
Live storage (MCM)	7.55 MCM
6. De-silting Chamber	
Type	Not provided
Number and Size	
Particle size to be removed (mm)	
7. Head Race Tunnel	
Size and type	6.24 m Horseshoe shape (DBM) (length 8490m) / 5.2 m dia, Circular (TBM) (length 14730 m)
Length (M)	23242 m
Design discharge (Cumecs)	58.40 Cum
8. Surge Shaft	
Type	Restricted orifice
Diameter (M)	17.75m
Height (M)	109.7m
9. Penstock/Pressure shafts	
Type	Steel lined partly inclined & partly horizontal
Diameter & Length (M)	Dia-4m circular, length - 1055 m
10. Power House	
Installed capacity (No of units x MW)	3x110
Type of turbine	Pelton Wheel
Rated Head (M)	646
Rated Discharge (Cumecs)	58.4
Head at Full Reservoir Level (M)	670.82
Head at Minimum Draw down Level (M)	665.32
MW Capability at FRL	330
MW Capability at MDDL	330
11. Tail Race Tunnel/Channel	
Diameter (M) , shape	5m Horse shoe shape
Length (M)	939 m
Minimum tail water level (M)	EL 1709.2 m
12. Switchyard	
Type of Switch gear	Outdoor, AIS
No. of generator bays	3
No. of Bus coupler bays	1
No. of line bays	4

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

For
M/s Arora Vohara & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

Form-4

Details of Foreign Loans

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

Nameof the Petitioner NHPC Limited
Nameof the Generating station Kishanganga 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.)
	Currency1 CAD												
A 1	At the date of Drwal[2]												
2	Schedule repayment date of Principal												
3	Schedule payment date of Interest												
4	At the end of Financialyear												
B	In case of Hedging[3]												
1	At the date of hedging												
2	Period of hedging												
3	Cost of hedging												
	Currency2[1] CAD												
A 1	At the date of Drwal[2]												
	ERV												
2	Schedule repayment date of Principal												
3	Schedule payment date of Interest												
4	At the end of Financialyear												
B	In case of Hedging[3]												
1	At the date of hedging												
2	Period of hedging												
3	Cost of hedging												
	Currency3[1] CAD												
A 1	At the date of Drwal[2]												
	ERV												
2	Schedule repayment date of Principal												
3	Schedule payment date of Interest												
4	At the end of Financialyear												
B	In case of Hedging[3]												
1	At the date of hedging												
2	Period of hedging												
3	Cost of hedging												

NOT APPLICABLE

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

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

For NHPC Limited

(M G Gokhale)
GM (Comml.)

Form-4A

Details of Foreign Equity

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

Nameof the Petitioner	**NHPC Limited**
Nameof the Generating station	**Kishanganga 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.)
	Currency1												
A 1	At the date of infusion[2]												
2				NOT APPLICABLE									
3													
4													
	Currency2[1]												
A 1	At the date of infusion[2]												
2													
3													
	Currency3[1]												
A 1	At the date of infusion[2]												
2													
3													
4													
	Currency4[1] & so on												
A 1	At the date of infusion[2]												
2													
3													

[1] Name of the Currency to be mentioned e.g US $,DM,etc.

[2] In case of equity infusion more than once during the year, Exchangr Rate at the date of each infusion to be given.

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

For NHPC Limited

(M G Gokhale)
GM (Comml.)

FORM- 5

Abstract of Admitted Capital Cost for the existing Projects

Name of the Petitioner: **NHPC Limited**

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

	Capital Cost as admitted by CERC	Rs. 533454.59 lakh
a)	**Capital cost admitted as on 24.05.2018**	As per order dated 28.10.2019 in petition no.43/GT/2018
	(Give reference of the relevant CERC Order with Petition No. & Date)	Not Applicable
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.)	
f)	Hedging cost, if any, considered for the admitted Capital cost (Rs Lakh)	
	Total Capital cost admitted (Rs. Lakh) (d+e+f)	**Rs. 533454.59 lakh**

For Arora Vohra & Co.
Chartered Accountants

For NHPC Limited

(M G Gokhale)
GM (Comml.)

ARORA VOHRA & CO. FRN. 009487N CHARTERED ACCOUNTANTS

FORM- 5A

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

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga Power Station
New Projects
Capital Cost Estimates

Board of Director/ Agency approving the Capital cost estimates:		
Date of approval of the Capital cost estimates:		
	Present Day Cost	**Completed Cost**
Price level of approved estimates	As on end of _____ qtr. of the year	As on scheduled COD of the Station
Foreign Exchange rate considered for the Capital cost estimates		
Capital Cost excluding IDC, IEDC & FC		
Foreign Component, if any (In Million US $ or the relevant currency)	**NOT APPLICABLE**	
Domestic Component (Rs. Lakh)		
Capital cost excluding IDC, IEDC, FC, FERV & Hedging Cost (Rs. Lakh)		
IDC, IEDC, FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US $ or the relevant currency)	**NOT APPLICABLE**	
Domestic Component (Rs. Lakh)		
Total IDC, IEDC, FC, FERV & Hedging Cost (Rs. Lakh)		
Rate of taxes & duties considered		
Capital cost including IDC, IEDC, FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US $ or the relevant currency)	**NOT APPLICABLE**	
Domestic Component (Rs. Lakh)		
Capital cost including IDC, IEDC & FC (Rs. Lakh)		
Schedule of Commissioning as per investment approval		
Scheduled COD of Unit-I		
Scheduled COD of Unit-II		
.....		
.....		
Scheduled COD of last Unit/Station		

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

For Arora Vohra & Co.
Chartered Accountants

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

FORM- 5B

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

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga 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	**Infrastructure Works**					
1.1	Preliminary including Development					
1.2	Land *					
1.3	R&R Expenditure					
1.4	Buildings					
1.5	Township					
1.6	Maintenance					
1.7	Tools & Plants					
1.8	Communication					
1.9	Environment & Ecology					
1.10	Losses on stock					
1.11	Receipt & Recoveries					
1.12	**Total (Infrastructure works)**					
2.0	**Major Civil Works**					
2.1	Dam, Intake & Desilting Chambers					
2.2	HRT, TRT, Surge Shaft & Pressure shafts					
2.3	Power Plant civil works					
2.4	Other civil works (to be specified)					
2.5	**Total (Major Civil Works)**					
3.0	**Hydro Mechanical equipments**					
4.0	**Plant & Equipment**					
4.1	Initial spares of Plant & Equipment					
4.2	**Total (Plant & Equipment)**					
5.0	**Taxes and Duties**					
5.1	Custom Duty					
5.2	Other taxes & Duties					
5.3	**Total Taxes & Duties**					
6.0	**Construction & Pre-commissioning expenses**					
6.1	Erection, testing & commissioning					
6.2	Construction Insurance					
6.3	Site supervision					
6.4	**Total (Const. & Pre-commissioning)**					
7.0	**Overheads**					
7.1	Establishment					
7.2	Design & Engineering					
7.3	Audit & Accounts					
7.4	Contingency					
7.5	Rehabilitation & Resettlement					
7.6	**Total (Overheads)**					
8.0	**Capital Cost without IDC, FC, FERV & Hedging Cost**					
9.0	**IDC, FC, FERV & Hedging Cost**					
9.1	Interest During Construction (IDC)					
9.2	Financing Charges (FC)					
9.3	Foreign Exchange Rate Variation (FERV)					
9.4	Hedging Cost					
9.5	**Total of IDC, FC, FERV & Hedging Cost**					
10.0	**Capital cost including IDC, FC, FERV & Hedging Cost**					

Not Applicable

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

Note:

1. 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.

2. 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.

3. 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.

4. **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.**

5. A list of balance work assets/work wise including initial spare on original scope of works along with estimate shall be furnished positively.

For Arora Vohra & Co.
Chartered Accountants

For NHPC LTD.

M G Gokhale
GM (Comml.)

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

FORM- 5C

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

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

(Amount in Lakh)

Sl. No.	Break Down	Original cost as approved by Authority / Investment Approval [1]	Cost on Actual / anticipated COD [1]	Variation	Reason for Variation *
1	2	Total Cost	Total Cost	3	4
1.0	**Generator,turbine & Accessories**				
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	**Total (Generator, turbine & Accessories)**				
2.0	**Auxiliary Electrical Equipment**				
2.1	Step up transformer				
2.2	Unit Auxiliary Transformer				
2.3	Local supply transformer				
2.4	Station transformer				
2.5	SCADA				
2.6	Switchgear, Batteries, DC dist. Board				
2.7	Telecommunication equipment				
2.8	Illumination of Dam, PH and Switchyard				
2.9	Cables & cable facilities, grounding				
2.10	Diesel generating sets				
2.11	**Total (Auxiliary Elect. Equipment)**				
3.0	**Auxiliary equipment & services for power station**				
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	**Total (Auxiliary equipt. & services for PS)**				
4.0	**Switchyard package**				
5.0	**Initial spares for all above equipments**				
6.0	**Total Cost (Plant & Equipment) excluding IDC, FC, FERV & Hedging Cost**				
7.0	**IDC, FC, FERV & Hedging Cost**				
7.1	Interest During Construction (IDC)				
7.2	Financing Charges (FC)				
7.3	Foreign Exchange Rate Variation (FERV)				
7.4	Hedging Cost				
7.5	**Total of IDC, FC, FERV & Hedging Cost**				
8.0	**Total Cost (Plant & Equipment) including IDC, FC, FERV & Hedging cost)**				

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 Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

FORM- 5D

Break-up of Construction/Supply/Service packages

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga 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[1] (in line with head of cost break-ups as applicable)	NOT APPLICABLE				
3	Whether awarded through ICB / DCB / Departmentally / Deposit Work					
4	No. of bids received					
5	Date of Award					
6	Date of Start of work					
7	Date of Completion of Work / Expected date of completion of work					
8	Value of Award [2] 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 Arora Vohra & Co.
Chartered Accountants

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

FORM- 5E (I)

In case there is cost over run

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga 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		NOT APPICABLE			
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					
	Total BOP Mechanical					
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					
	Total BOP Electrical					
2.5	**Control & Instrumentation (C & I) Package**					
	Total Plant & Equipment excluding taxes & Duties					
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					
	Total Civil works					
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					
	Total Construction & Pre- Commissioning Expenses					
6.0	**Overheads**					
6.1	Establishment					
6.2	Design & Engineering					
6.3	Audit & Accounts					
6.4	Contingency					
	Total Overheads					
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					
	Total of IDC, FC, FERV & Hedging Cost					
9.0	**Capital cost including IDC, FC, FERV & Hedging Cost**					

***Submit details of Freehold and Lease hold land**
Note : Impact on account of each reason for Cost overrun should be quantified and substantiated with necessary documents and supporting workings.

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

FORM- 5E (ii)

In case there is time over run

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga 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		NOT APPLICABLE						
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 Arora Vohra & Co.
Chartered Accountants

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

FORM- 6

Financial Package upto COD (For O&M)

Name of the Company	**NHPC Limited**			
Name of the Power Station	**KISHANGANGA HE PROJECT**			
Project Cost as on COD(Rs.)	**565929** Lac	Debt	396150 Lac	
Date of Commercial Operation of the Station	**24.05.2018**	Equity	169779 Lac	

(Amount in lac)

	Financial Package as Amount[3]		Financial Package Amount[3]		As Admitted on COD Currency and	
1	2	3	4	5	6	7
FOREIGN LOAN				0		
CORPORATION BANK			INR	0		
SYNDICATE BANK			INR	0		
State Bank of India - 1000 Crores			INR	0		
State bank of Hyderabad			INR	0		
State Bank of India - 460 Crores			INR	0		
R3-SERIES BONDS			INR	900		
S2-SERIES BONDS			INR	5343		
T-SERIES BONDS			INR	723		
V-SERIES BONDS			INR	578		
V2-SERIES BONDS			INR	4626		
W1-SERIES BONDS			INR	1785		
W2-SERIES BONDS			INR	1447		
Subordinate Debt			INR	267667		
Excess Equity as Normative Loan			INR	113081		
Total Loan				**396150**		
Equity			INR			
Domestic			INR	169779		
TOTAL EQUITY				**169779**		
Debt : Equity Ratio			70	30		

[1] Say Rs. 80 Cr. + US $ 200 m or Rs.1320 Cr. including US $200 m at an exchange rate of US $=Rs.62/-

[3] For example : US $, 200M etc.etc

	(Rs in Crores)
Capital cost excluding IDC,FC & Normative Intt	5364.57
IDC,FC& Hedging cost	77.57
Normative Intt	368.05
ERV on contractual payments	0
Primarily Notional Imapct of Ind AS on account of interest or	0.00
Capital cost including IDC &FC	5810.19
Less: Liabilities to be discharged*	150.90
Net Capital Cost as on COD i.e. 24.05.2018	5659.29

***Loan/Equity on 70:30 will be deployed for discharging the deferred liabilities of Rs 150.90 crore (Rs. 105.63 Cr as debt and Rs. 45.27 Cr as equity) after COD i.e. 24.05.2018.**

For
M/s. Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

M G Gokhale
GM (Comml.)

PART-II
FORM-7

Details of Project Specific Loans

Name of the Company **NHPC Limited**
Name of the Power Station **KISHANGANGA H E PROJECT**

(Amount in lac)

Particulars	Package1	Package2	Package3	Package4	Package5	Package6
1	2	3	4	5	6	7
Source of Loan[1]	Subordinate Debt	NORMATIVE LOAN/FRESH BORROWING				
Currency[2]	INR					
Amount of Loan sanctioned	386016.00					
Amount of Gross Loan drawn upto 31.03.2019	315501.00					
Interest Type[6]	Fixed					
Fixed Interest Rate, if applicable	1%					
Base Rate, if Floating Interest[7]	N.A.					
Margin, if Floating Interest[8]	N.A.					
Are there any Caps/Floor[9]	N.A.					
If above is yes,specify caps/floor	N.A.					
Moratorium Period[10]	10 YEAR					
Moratorium effective from	24-05-18					
Repayment Period[11]	10 Years					
Repayment effective from	24-05-29					
Repayment Frequency[12]	ANNUAL					
Repayment Instalment[13,14]	38601.60					
Base Exchange Rate[16]	NA					
Are Foreign currency hedged?	NA					
If above is yes,specify details.17	NA					

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

[2] Currency refers to currency of loan such as US$, DM, Yen,Indian Rupee etc.

[3] Details are to be submitted as on 31.03.2019 for existing assets and as on COD for the remaining assets.

[4] Where the loan has been refinanced, details in the Form is to be given for the loan refinaced. However, the details of the original loan is to be given seperately in the same form.

[5] 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.

[6] Interest type means whether the interest is fixed or floating.

[7] 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.

[8] Margin means the points over and above the floating rate.

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

[10] Moratorium period refers to the period during which loan servicing liability is not required.

[11] Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

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

[13] Where there is more than one drawal/repayment for a loan, the date & amount of each drawal/repayement may also be given seperately

[14] 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.

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

[16] 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 exhange rate considered on date of each repayment of principal and date of interest payment.

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

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

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

22 Copy of loan agreement.

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Limited

(M G Gokhale)
GM (Comml.)

PART-III
FORM-8

Details of Allocation of corporate loans to various projects

Name of the Company NHPC Limited
Name of the Power Station KISHANGANGA POWER STATION

(Amount in lac)

Particulars	Package 1	Package 2	Package 3	Package 4	Package 5	Package 6	Package 7	Remarks
1	2	3	4	5	6	7	8	9
Source of Loan[1]	R-3 SERIES BONDS	S-2 SERIES BONDS	T SERIES BONDS	V2 SERIES BONDS	W1 SERIES BONDS	W2 SERIES BONDS	X SERIES BONDS	
Currency[2]	INR	INR	INR	INR	INR	INR	INR	
Amount of Loan sanctioned	89200	66000	147492	147500	150000	75000	150000	
Amount of Gross Loan drawn upto 31.03.2014/COD [3,4,5,13,15]	89200	66000	147492	147500	150000	75000	150000	
Interest Type[6]	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	
Fixed Interest Rate, if applicable	8.78%	8.54%	8.50%	7.52%	6.91%	7.35%	8.65%	
Base Rate, if Floating Interest[7]	NA	NA	NA	NA	NA	NA	NA	
Margin, if Floating Interest[8]	NA	NA	NA	NA	NA	NA	NA	
Are there any Caps/Floor[9]	NA	NA	NA	NA	NA	NA	NA	
If above is yes,specify caps/floor	NA	NA	NA	NA	NA	NA	NA	
Moratorium Period[10]	6 Years	4 Years	4 Years	6 Years	1 Years	6 Years	4 Years	
Moratorium effective from	11-02-13	26-11-14	14-07-15	06-06-17	15-09-17	15-09-17	08-02-19	
Repayment Period[11]	10 Years	12 Years	12 Years	10 Years	5 Years	10 Years	7 Years	
Repayment effective from	11-02-19	26-11-18	14-07-19	06-06-23	15-09-18	15-09-23	08-02-23	
Repayment Frequency[12]	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	ANNUALLY	
Repayment Instalment[13,14]	8920.00	5500.00	12291.00	29500.00	30000.00	15000.00	21428.57	
Base Exchange Rate[16]	NA	NA	NA	NA	NA	NA	NA	
Are Foreign currency hedged?	NA	NA	NA	NA	NA	NA	NA	
If above is yes,specify details.17	NA	NA	NA	NA	NA	NA	NA	
Name of the Projects								**Total**
Sewa-II	0.00	0.00	0.00	0.00	7227.50	0.00	0.00	7227.50
TLDP-III	0.00	0.00	0.00	9166.67	19262.42	8888.42	0.00	71090.42
Uri-II	0.00	0.00	0.00	19251.87	9456.20	9837.77	12943.00	123123.04
Subansiri Lower	60000.00	0.00	0.00	26584.16	4793.34	5000.25	0.00	128755.67
Chamera-III	0.00	0.00	0.00	11377.80	0.00	0.00	7465	53378.50
Parbati-III	0.00	2888.00	0.00	30466.42	9898.08	9372.53	0.00	115511.53
Nimmo-Bazgo	0.00	0.00	0.00	288.75	4826.45	3857.57	6122.00	35214.31
Parbati-II	28300.00	37745.00	109407.00	45701.67	78508.44	26181.14	47165.00	430549.91
Chutak	0.00	0.00	0.00	36.67	2949.17	171.54	8758.00	12394.37
Kishanganga	900.00	5343.00	723.00	4626.00	1784.63	1447.12	2300.00	31924.21
TLDP-IV	0.00	20024.00	37362.00	0.00	9433.79	10243.67	22846.00	125261.53
Teesta-V	0.00	0.00	0.00	0.00	1860.00	0.00	5171	7031.00
Solar Power Project	0.00	0.00	0.00	0.00	0.00	0.00	14421	14421.00
Wind Power Project	0.00	0.00	0.00	0.00	0.00	0.00	22809	22809.00
Total	**89200.00**	**66000.00**	**147492.00**	**147500.00**	**150000.00**	**75000.00**	**150000.00**	**1178692.00**

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

[2] Currency refers to currency of loan such as US$, DM, Yen,Indian Rupee etc.

[3] Details are to be submitted as on 31.03.2019 for existing assets and as on COD for the remaining assets.

[4] Where the loan has been refinanced, details in the Form is to be given for the loan refinaced. However, the details of the original loan is to be given seperately in the same form.

[5] 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.

[6] Interest type means whether the interest is fixed or floating.

[7] 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.

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PART-III
FORM-8

Details of Allocation of corporate loans to various projects

Name of the Company **NHPC Limited**
Name of the Power Station **KISHANGANGA POWER STATION**

[8] Margin means the points over and above the floating rate.
[9] At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.
[10] Moratorium period refers to the period during which loan servicing liability is not required.
[11] Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.
[12] Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, annual, etc.
[13] Where there is more than one drawal/repayment for a loan, the date & amount of each drawal/repayement and its allocation may also be given seperately.
[14] 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.
[15] In case of Foreign loan,date of each drawal & repayment alongwith exchange rate at that date may be given with documentary evidence.
[16] 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 exhange rate considered on date of each repayment of principal and date of interest payment.
19 At the time of truing up of rate of interest with relevant reset rate (if any) to be furnished separately.
20 At the time of truing up provide details of refinance of loan consider earlier. Details such as rate on which refinancing done,amount of refinance loans,terms & conditions of refinance loan,financing and other charhes incurred for refinancing etc.
21 Call or put option, if any exercised by the generating company for refinancing of loan.
22 Copy of loan agreement.

For Arora Vohra & Co.
Chartered Accountants

For NHPC Limited

(M G Gokhale)
GM (Comml.)

ARORA VOHRA & CO. FRN. 009487N CHARTERED ACCOUNTANTS

Form 9A

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner : NHPC Limited

Name of the Generating Station :Kishanganga Power Station

COD : 24.05.2018

For Financial Year : 2019-20

(Amount : Rs in Lakh)

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			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	8	9
A. Additional Capitalisation within original scope									
1	410301	Reimbursement of additional cost due to enhancement of Royalty	0.58	-	0.58	-	24 (1) (e)	1. This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No F 2. Subsequent to the award of the work for Turnkey execution of 330 MW Kishanganga Project , Govt. of J&K has increased the rate of Royalty on various items used in concreting. Since , the rates were changes as per statutory requirement Kishanganga consortium has raised the claim under change in law.	
2	410301	Reimbursement of additional cost due to enhancement of Toll Tax	7.92	-	7.92	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head E (iii) " CIVIL WORKS". Subsequent to the award of the work for Turnkey execution of 330 MW Kishanganga Project , Govt. of J&K has increased the rate of toll tax on various items. Since , the rates were changes as per statutory requirement kishanganga consortium has raised the claim under change in law	
3	410301	Reimbursement of additional cost due to enhancement of VAT	8.82	-	8.82	-	24 (1) (e)	1. This work is in the original scope and allowed in the RCE under the head head " CIVIL WORKS" E(iv). Subsequent to the award of the work for Turnkey execution of 330 MW Kishanganga Project , Govt. of J&K has increased the rate of VAT on various items. Since , the rates were changed as per statutory requirement, hence Kishanganga consortium has raised the claim under change in law	

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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
			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	8	9
4	410301	Release of withheld amount against finalization of impact of GST on Civil work	10.67	-	10.67	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under thehead "CIVIL WORKS" Item No. E(ii). With the implementation of the GST from July,2017 in the place of WCT originally used to be in the contract. Since, the rates were changes as per statutory requirement Kishanganga consortium has raised the claim under change in law.	
5	410301	Reimbursement of premium paid against CAR policy for the extended period	17.19	-	17.19	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No. H As per the original scope of the contract work of 330 MW turnkey execution of Kishanganga Project is to be completed by Jan,2016 (84 months). But due to several reasons that are beyond the hands of the contractor extension for completion of works is given (28 months 11 days) and due to this reason Contractor has taken a CAR policy for the extended period which is not in the original scope of the contract.	
6	410301	Balance civil work (Including escalation)	63.00	-	63.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" A 3.1 to 3.7	
7	410303	Reimbursement of additional cost due to enhancement of Royalty	0.07	-	0.07	-	24 (1) (e)	1. This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No F 2. Subsequent to the award of the work for Turnkey execution of 330 MW Kishanganga Project , Govt. of J&K has increased the rate of Royalty on various items used in concreting. Since , the rates were changes as per statutory requirement Kishanganga consortium has raised the claim under change in law.	
8	410303	Reimbursement of additional cost due to enhancement of Toll Tax	0.95	-	0.95	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head E (iii) " CIVIL WORKS". Subsequent to the award of the work for Turnkey execution of 330 MW Kishanganga Project , Govt. of J&K has increased the rate of toll tax on various items. Since , the rates were changes as per statutory requirement kishanganga consortium has raised the claim under change in law	

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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
			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	8	9
9	410303	Reimbursement of additional cost due to enhancement of VAT	1.06	-	1.06	-	24 (1) (e)	1. This work is in the original scope and allowed in the RCE under the head head " CIVIL WORKS" E(iv). Subsequent to the award of the work for Turnkey execution of 330 MW Kishanganga Project , Govt. of J&K has increased the rate of VAT on various items. Since , the rates were changed as per statutory requirement, hence Kishanganga consortium has raised the claim under change in law	
10	410303	Release of withheld amount against finalization of impact of GST on Civil work	1.29	-	1.29	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under thehead "CIVIL WORKS" Item No. E(ii). With the implementation of the GST from July,2017 in the place of WCT originally used to be in the contract. Since, the rates were changes as per statutory requirement Kishanganga consortium has raised the claim under change in law.	
11	410303	Reimbursement of premium paid against CAR policy for the extended period	2.07	-	2.07	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No. H As per the original scope of the contract work of 330 MW turnkey execution of Kishanganga Project is to be completed by Jan,2016 (84 months). But due to several reasons that are beyond the hands of the contractor extension for completion of works is given (28 months 11 days) and due to this reason Contractor has taken a CAR policy for the extended period which is not in the original scope of the contract.	
12	410321	construction of permanent field hostel building i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora	2.50	-	2.50	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
14	410601	Reimbursement of additional cost due to enhancement of Royalty	1.11	-	1.11	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No F	
15	410601	Reimbursement of additional cost due to enhancement of Toll Tax	15.28	-	15.28	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head E (iii) " CIVIL WORKS".	
16	410601	Reimbursement of additional cost due to enhancement of VAT	17.00	-	17.00	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head head " CIVIL WORKS" E(iv).	

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			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	8	9
17	410601	Release of withheld amount against finalization of impact of GST on Civil work	20.57	-	20.57	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under thehead "CIVIL WORKS" Item No. E(ii).	
18	410601	Reimbursement of premium paid against CAR policy for the extended period	33.14	-	33.14	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No. H	
19	410604	Reimbursement of additional cost due to enhancement of Royalty	7.09	-	7.09	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No F	
20	410604	Release of withheld amount against finalization of impact of GST on Civil work	31.50	-	31.50	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under thehead "CIVIL WORKS" Item No. E(ii).	
21	410604	Reimbursement of additional cost due to enhancement of Toll Tax	47.64	-	47.64	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head E (iii) " CIVIL WORKS".	
22	410604	Reimbursement of additional cost due to enhancement of VAT	50.00	-	50.00	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head head " CIVIL WORKS" E(iv).	
23	410604	Reimbursement of premium paid against CAR policy for the extended period	100.00	-	100.00	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No. H	
24	410607	Reimbursement of additional cost due to enhancement of Royalty	0.16	-	0.16	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No F	
25	410607	Reimbursement of additional cost due to enhancement of Toll Tax	2.21	-	2.21	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head E (iii) " CIVIL WORKS".	
26	410607	Reimbursement of additional cost due to enhancement of VAT	2.46	-	2.46	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head head " CIVIL WORKS" E(iv). Subsequent to the award of the work for Turnkey execution of 330 MW Kishanganga Project , Govt. of J&K has increased the rate of VAT on various items. Since , the rates were changed as per statutory requirement, hence Kishanganga consortium has raised the claim under change in law	

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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
			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	8	9
27	410607	Release of withheld amount against finalization of impact of GST on Civil work	2.97	-	2.97	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under thehead "CIVIL WORKS" Item No. E(ii).	
28	410607	Reimbursement of premium paid against CAR policy for the extended period	4.79	-	4.79	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No. H	
29	410608	HM Gate Off-Shore Supply	19.13	-	19.13	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "HYDRO MECHANICAL WORKS (HM)" from item No's 1 (a) to 3 (c)	
31	411804	Purchase of Biometric Attendance Machine	0.69	-	0.69	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.3.	
32	411804	EDP Equipment's (servers, routers, switches, fire wall items etc.)	5.00	-	5.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.3.	
33	411805	Satellite communication equipment's	15.00	-	15.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.3.	
34	411806	Net working devices	10.00	-	10.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.3.	
36	412201	Software	5.00	-	5.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.3.	
53	410701-410714	Balance E&M Works	1000.00	-	1000.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "ELECTRO MECHANICAL WORKS" item No's 1 to 9.	

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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
			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	8	9
B. Additional Capitalisation beyound original scope within cutoff date									
13	410328	Chain Link Fencing work at Dam site at left bank	40.00	-	40.00	-	26 (1) (d)	Since the Dam is located near to international boarder it is required to be protected adequately	
37	412502	Purchase of Flow meter	17.00	-	17.00	-	26 (1) (a)	Flow meter as directed by IWT before the visit of Pakistan team as part of IWT has to arranged. However, the same is not part of the RCE. Hence, In view of the additional capitalization may be sought	
35	411903	Walky talky	30.00	-	30.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
30	411502	Bullet proof vehicles	65.00	-	65.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
38	412503	DFMD	2.00	-	2.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
39	412503	CCTV Cameras	2.32	-	2.32	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
40	412503	Tyre Killer	3.00	-	3.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
41	412503	Boom Barrier	4.00	-	4.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
42	412503	Bomb basket	4.00	-	4.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
43	412503	X-BIS Machine	10.00	-	10.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
44	412503	CCTV	15.00	-	15.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.3. 2.Due to security requirements as desired by Security adviser ,CCTV are required to be installed at all locations which is not foreseen at the time of finalization of RCE provision and as such provision from RCE has exceeded. The amount over the RCE is to be treated as Add. Cap	

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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
			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	8	9
45	412503	Explosive detector	15.00	-	15.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
46	412503	Day vision Binoculars	15.00	-	15.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
47	412503	Riot drill equipment's	15.00	-	15.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
48	412503	360 PTZ Dome cameras with NVD	20.00	-	20.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
49	412503	BR Helmets	20.00	-	20.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
50	412503	BP Morcha	24.00	-	24.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
51	412503	Night vision Binoculars with thermal imaging.	50.00	-	50.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
52	412503	BR Jackets (Level-IV)	100.00	-	100.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
Total Amount			1958.18	0.00	1958.18				

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 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 the necessity and the benefits accruing to the beneficiaries.

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

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Limited

(M G Gokhale)
GM (Comml.)

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Form 9A

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kisnaganga Power Station
COD : 24.05.2018
For Financial Year : FY2020-21

(Amount in Rs)

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
A. Additional Capital Expenditure within original scope									
1	410604	Reimbursement of additional cost due to enhancement of VAT	58.66	-	58.66	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head head " CIVIL WORKS" E(iv). S	
2	410604	Reimbursement of additional cost due to enhancement of Toll Tax	50.00	-	50.00	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head E (iii) " CIVIL WORKS".	
3	410604	Release of withheld amount against finalization of impact of GST on Civil work	100.00	-	100.00	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under thehead "CIVIL WORKS" Item No. E(ii).	
4	410604	Reimbursement of premium paid against CAR policy for the extended period	111.81	-	111.81	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No. H	
5	410301	Reimbursement of additional cost due to enhancement of Royalty	0.26	-	0.26	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No F	
6	410303	Reimbursement of additional cost due to enhancement of Royalty	0.03	-	0.03	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No F	
7	410601	Reimbursement of additional cost due to enhancement of Royalty	0.49	-	0.49	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No F	

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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
8	410604	Reimbursement of additional cost due to enhancement of Royalty	3.15	-	3.15	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No F	
9	410607	Reimbursement of additional cost due to enhancement of Royalty	0.07	-	0.07	-	24 (1) (e)	This work is in the original scope and allowed in the RCE under the head "CIVIL WORKS" Item No F	
10	414005	Balance work of PDE Contract (Euro converted to INR @Rs.78/-)	700.00	-	700.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE und head "PLANNING, DESIGN & ENGINEERING"	
11	410701-410714	Balance E&M Works	1000.00	-	1000.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "ELECTRO MECHANICAL WORKS" item No's 1 to 9.	
12	411112	Submersible Dewatering pumps of capacity 7.5 HP, 5 Hp & 3 Hp along with starters and accessories for Power House.	46.00	-	46.00	-	24(1) (c)	For cleaning of cooling water sump and transformer gallery sump, small capacity submersible pumps are required.	
13	412502	Purchase of test equipment (Thermo vision camera, Contact resistance measuring equipment, Leakage clamp meter, Standard accessories for Earth testing kit) for maintenance of Switchyard	20.00	-	20.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "ELECTRO MECHANICAL WORKS" item No's 17	

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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
14	410710	Telecommunication equipment	36.00	-	36.00	-	24 (1) (d)	This work is in the original scope and allowed in the RCE under the head "ELECTRO MECHANICAL WORKS" item No's 10. OPGW Terminal Equipment at Kishanganga end and Interfacing cards at Wagoora substation needed for flow of telemetry data from Kishanganga to NRLDC. As per rule, data need to be made available to RLDC.	
15	410712	Purchase of Lightening Arrestor (Three Sets)	17.00	-	17.00	-	24(1) (c)	There are 24 sets of lightning arrestor installed in Switchyard. As per E&M contract only one set of LA has been included as spare, which is not sufficient. Therefore three more sets are proposed to be purchased as a spare considering the remoteness of the location.	
16	410711	Purchase of spare current transformer	29.00	-	29.00	-	24 (1) (C)	Current transformer installed in the Switchyard system for which one number of spare has been provided which is not enough considering the remote location of this Power station.	
17	410713	Brake Jack cylinder	3.00	-	3.00	-	Clause 24 (1) (C)	No spare included under the E&M contract. However, these are required/kept as a spare considering remote location of Power Station..	

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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
18	410714	Cooling water pump set	40.00	-	40.00	-	24 (1) (C)	Though two no's spares are provided under E&M Contract but considering the last one year operation of Power station, it is not enough due to high level of trash and other material during peak discharge period. Therefore considering the remote location of Power station and loss of generation due to failure of pumps additional spare pumps is essentially required.	
19	410714	Purchase of NGR & NGT	7.00	-	7.00	-	24 (1) (C)	Neutral Grounding transformer & Resistor is essential for various protections of the machine during its operation. Failure of NGT & NGR will lead to generation and PAF loss . Presently no spare NGT & NGR are supplied under specified spares of main contract. For the smooth operation of generating units and considering the remote location of Power station, it is essential to keep one no. NGT & NGR as a spare to meet out any eventuality in case of failure of the same.	

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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
20	410714	Governor OPU pump motor sets for Power House.	25.00	-	25.00	-	24 (1) (c)	For Governing system one no. Jockey and two nos. main pumps are installed in each unit of Kishanganga Power Station. There are total 6 nos. main pumps are installed in all the three units of Kishanganga Power station. For 6 nos. main pumps one number spare pump is provided in specified spares under the E&M contract , which is not sufficient to cater the needs of the governing system . Hence one no. additional pump motor set of main pump of governing system is essential to kept as spare to meet future requirements in case of failure as these pumps are continuous operation during the running of units.	
21	410714	Thyristor Bridge	15.00	-	15.00	-	24 (1) (c)	No spare included under the E&M contract. However, these are required/kept as a spare considering remote location of Power Station..	
22	410713	Brake-jet assembly	9.60	-	9.60	-	24 (1) (c)	No spare included under the E&M contract. However, these are required/kept as a spare considering remote location of Power Station..	
23	410713	Decompression valve	2.40	-	2.40	-	24 (1) (c)	No spare included under the E&M contract. However, these are required/kept as a spare considering remote location of Power Station..	

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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
24	410714	Purchase of Unit Auxiliary Transformer	20.00	-	20.00	-	24 (1) (c)	Unit auxiliary transformer feeds power to various unit auxiliaries which are essential for running of machine. Failure of any UAT will lead to generation and PAF loss . Presently no spare UAT is supplied under specified spares of main contract. For the smooth operation of generating units and considering the remote location, it is essential to keep one no. UAT as a spare to meet out any eventuality in case of failure of the same.	
25	410608	Gate Erection	112.04	-	112.04	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "HYDRO MECHANICAL WORKS (HM)" from item No's 1 (a) to 3 (c)	
26	410608	Gate Erection	83.74	-	83.74	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "HYDRO MECHANICAL WORKS (HM)" from item No's 1 (a) to 3 (c)	
27	410608	Price variation	114.50	-	114.50	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "HYDRO MECHANICAL WORKS (HM)" from item No's 1 (a) to 3 (c)	
28	410608	SETC of Intake bulkhead Gate Dam toe Power house	15.87	-	15.87	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "HYDRO MECHANICAL WORKS (HM)" from item No's 1 (a) to 3 (c)	
29	411002	SETC of 2 Nos. 625 KVA DG sets at Dam site, Gurez	110.00	-	110.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "C-Works item No.2	

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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
30	411118	Fork Lift 5T	26.00	-	26.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "Q-SPECIAL TOOLS AND PLANTS" item No.1 to 37 2.The items from Sl.No.1 to 9 are required to be purchased as part of sanctioned equipment strength of the Power station and rates mentioned are based on the prevailing market rates. This is causing variation in the amount.	
31	411109	Truck mounted crane 25T	55.00	-	55.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "Q-SPECIAL TOOLS AND PLANTS" item No.1 to 37 2.The items from Sl.No.1 to 9 are required to be purchased as part of sanctioned equipment strength of the Power station and rates mentioned are based on the prevailing market rates. This is causing variation in the amount.	
32	411101	Excavator(Hydraulic excavator/Loader cum excavator)	58.00	-	58.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "Q-SPECIAL TOOLS AND PLANTS" item No.1 to 37 2.The items from Sl.No.1 to 9 are required to be purchased as part of sanctioned equipment strength of the Power station and rates mentioned are based on the prevailing market rates. This is causing variation in the amount.	

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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
33	411115	Compressors	5.00	-	5.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "Q-SPECIAL TOOLS AND PLANTS" item No.1 to 37 2.The items from Sl.No.1 to 9 are required to be purchased as part of sanctioned equipment strength of the Power station and rates mentioned are based on the prevailing market rates. This is causing variation in the amount.	
34	411109	Mobile (Hydra)	45.00	-	45.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "Q-SPECIAL TOOLS AND PLANTS" item No.1 to 37 2.The items from Sl.No.1 to 9 are required to be purchased as part of sanctioned equipment strength of the Power station and rates mentioned are based on the prevailing market rates. This is causing variation in the amount.	
35	411112	Dewatering Pumps - Dam	36.00	-	36.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "Q-SPECIAL TOOLS AND PLANTS" item No.1 to 37 2.The items from Sl.No.1 to 9 are required to be purchased as part of sanctioned equipment strength of the Power station and rates mentioned are based on the prevailing market rates. This is causing variation in the amount.	

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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
36	411130	Snow Blower with cutter & Grinder	45.00	-	45.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "Q-SPECIAL TOOLS AND PLANTS" item No.1 to 37 2.The items from Sl.No.1 to 9 are required to be purchased as part of sanctioned equipment strength of the Power station and rates mentioned are based on the prevailing market rates. This is causing variation in the amount.	
37	411506	Ambulance	22.00	-	22.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "Q-SPECIAL TOOLS AND PLANTS" item No.1 to 37 2.The items from Sl.No.1 to 9 are required to be purchased as part of sanctioned equipment strength of the Power station and rates mentioned are based on the prevailing market rates. This is causing variation in the amount.	
38	411104	Tipper	43.00	-	43.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "Q-SPECIAL TOOLS AND PLANTS" item No.1 to 37 2.The items from Sl.No.1 to 9 are required to be purchased as part of sanctioned equipment strength of the Power station and rates mentioned are based on the prevailing market rates. This is causing variation in the amount.	

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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
39	411508	Diesel Tanker / Water Tanker	35.00	-	35.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "Q-SPECIAL TOOLS AND PLANTS" item No.1 to 37 2.The items from Sl.No.1 to 9 are required to be purchased as part of sanctioned equipment strength of the Power station and rates mentioned are based on the prevailing market rates. This is causing variation in the amount.	
40	411109	Pick n carry crane 14T	51.00	-	51.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "Q-SPECIAL TOOLS AND PLANTS" item No.1 to 37 2.The items from Sl.No.1 to 9 are required to be purchased as part of sanctioned equipment strength of the Power station and rates mentioned are based on the prevailing market rates. This is causing variation in the amount.	
41	410201	Alternate road on right bank of the river at Dam site by BRO	300.00	-	300.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "R-COMMUNICATION" item No.3 2.Expenses incurred for this item required to be allocated to major assets as the item is linked with providing access to the main asset.	
42	410201	Construction of internal road with side drains at nhpc colony Karalpora, Bandipora	100.00	-	100.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "R-COMMUNICATION" item No.4	

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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
43	410328	Construction of permanent Boundary wall of Powerhouse area & gates.	150.00	-	150.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "J-Works" item No.1.	
44	410325	Construction of block no. 1 to 6 (48 nos. qtrs.) permanent b-type residential accommodation i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	200.00	-	200.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
45	410325	construction of permanent 24 nos. c-type residential quarters i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	66.00	-	66.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
46	410325	construction of permanent 1 nos. E-spl-type residential quarters i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	120.00	-	120.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the DPR head "K-BUILDINGS" item No.3 a).	
47	410421	Internal electrification for C/o Permanent residential buildings at township complex at Dawar. (Electrification)	20.00	-	20.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	



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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
48	410325	Construction of block no. 1 to 6 (48 nos. qtrs.) permanent b-type residential accommodation i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	200.00	-	200.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
49	410305	Acquisition and upgradation of E&M, HM & general stores at powerhouse area.	300.00	-	300.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	
50	410326	Construction of barrack, offices/ shops / stores/ sewerage/ water system/ architecture/ land scrapping etc. for CISF, Project and others at Power House Area / surge shaft area for CISF unit at Kishanganga project NHPC colony,	50.00	-	50.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	
51	410326	Construction of offices, barracks, sentry posts, strong room, guard room etc. for CISF & JKAP at Powerhouse, switchyard, TBM & surge shaft areas & STP.	25.00	-	25.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	
52	410305	Watch Tower at Dam site	22.00	-	22.00	-	24 (1) (b)	1. This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	
53	410305	Acquiring of structures from M/s HCC	16.63	-	16.63	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
54	410904	Electrification (works of Distribution of Power Supply from 33/0.4 KV Sub Station to office cum Residential Complex through cable trench, underground table and Feeder Pillar)	141.00	-	141.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the DPR head "O - MISCELLANEOUS" item No.3	
55	410905	Electrification (like Post Lamp, Park light, Street & Road Light, Cable, cable trenches & feeder pillars etc.	50.00	-	50.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.3 Most of the infrastructure works are on verge of completion and for catering the needs of lighting in the Power station colony works are required to be taken up	
57	411805	Satellite communication equipment's	10.00	-	10.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.3.	
58	411804	EDP Equipment's (servers, routers, switches, fire wall items etc.)	5.00	-	5.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.3. 2.Due to security requirements as desired by Security adviser ,CCTV are required to be installed at all locations which is not foreseen at the time of finalization of RCE provision and as such provision from RCE has exceeded. The amount over the RCE is to be treated as Add. Cap	



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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
59	411806	Net working devices	5.00	-	5.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.3. 2.Due to security requirements as desired by Security adviser ,CCTV are required to be installed at all locations which is not foreseen at the time of finalization of RCE provision and as such provision from RCE has exceeded. The amount over the RCE is to be treated as Add. Cap	
60	412503	CCTV	85.00	-	85.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.3. 2.Due to security requirements as desired by Security adviser ,CCTV are required to be installed at all locations which is not foreseen at the time of finalization of RCE provision and as such provision from RCE has exceeded. The amount over the RCE is to be treated as Add. Cap	
61	412201	Software	5.00	-	5.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.3. 2.Due to security requirements as desired by Security adviser ,CCTV are required to be installed at all locations which is not foreseen at the time of finalization of RCE provision and as such provision from RCE has exceeded. The amount over the RCE is to be treated as Add. Cap	

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
62	412005	Providing Hospital equipment's	20.00	-	20.00	-	Clause 24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the DPR head "O - MISCELLANEOUS" item No.4.4.4. 2.Equipping of new hospital building and equipping with different infrastructure like X-ray plant, Patient beds, OT beds etc.	
63	411202	Construction of external sewerage lines for residential & non - residential buildings at nhpc colony Karalpora, Bandipora .	30.00	-	30.00	-	Clause 24 1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.6. 2.The work is part of the regular capital expenditure which is to be taken up for well maintenance of Colony	
64	411202	Sewage treatment plant including construction of civil works at nhpc colony Karalpora, Bandipora .	50.00	-	50.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.7. 2.The work is part of the regular capital expenditure which is to be taken up for well maintenance of Colony	
65	412008	Air Conditioners	40.00	-	40.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.8.. 2.Shall be required for VIP Guest house, Hospital, Field Hostels and Administrative block etc.	
66	412007	Transit Hostel/ Guest House Equipment's	25.00	-	25.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.8. 2.Still various infrastructure works under progress and initial furnishing is required to be made.	

ARORA MOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
67	411707	Furnishing and equipping or rest houses and field hostels of officers and staff	100.00	-	100.00	-	24 (1) (b)	1.1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.8. Furnishing of New VIP Guest house and officer's club	
68	411701	Office Furniture	50.00	-	50.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.9. 2.Office Purpose	
69	411705	Purchase of furniture and other articles for labour welfare centers, and clubs	30.00	-	30.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the DPR head "O - MISCELLANEOUS" item No.4.4.9. 2. Furnishing of labour welfare centers, and clubs	
70	412003	Photo copier	8.00	-	8.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.10.	
71	411801	Computer	45.00	-	45.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.10.	
72	411903	Interior communication equipment's	39.00	-	39.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.10.	
73	412501	Miscellaneous Sound system/Projector	10.00	-	10.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.10.	
74	411803	Printer	15.00	-	15.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.10.	

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
75	923901	Catchment Area Treatment Plan	40.00	-	40.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	
76	923901	Provision of Free fuel Wood & Energy Conservation Measures	63.80	-	63.80	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	

ARORA MOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
77	923901	Relocation and Re-habitation of Dumping material	300.00	-	300.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	
B. Additional Capital Expenditure beyound original scope within cutoff date									
56	411903	Walky talky	20.00	-	20.00	-	26 (1) (d)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.3. 2.Due to security requirements as desired by Security adviser ,CCTV are required to be installed at all locations which is not foreseen at the time of finalization of RCE provision and as such provision from RCE has exceeded. The amount over the RCE is to be treated as Add. Cap	

ARORA, VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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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
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
78		Construction retaining walls and taking up of other protection works around Dam	25.00	-	25.00	-	26(1)(d)	1. Acquisition of land in process. To acquire temp structure of HCC/ construction for CISF Purpose to stay during winter at dam site. 2. Crate works, filling etc. are require to be taken up as part of the protection measures.	
79	412503	Boom Barrier	4.00	-	4.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
80	412503	DFMD	2.00	-	2.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
81	412503	Tyre Killer	1.50	-	1.50	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
82	412503	BP Morcha	16.00	-	16.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
83	412503	Explosive detector	10.00	-	10.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
84	412503	X-BIS Machine	10.00	-	10.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
85	412503	Day vision Binoculars	5.47	-	5.47	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
86	412503	Night vision Binoculars with thermal imaging.	50.00	-	50.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
87	412503	360 PTZ Dome cameras with NVD	15.40	-	15.40	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
88	412503	CCTV Cameras	2.00	-	2.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
89	412503	Riot drill equipment's	11.52	-	11.52	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
90	412503	Bomb basket	2.23	-	2.23	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	

ARORA KUMAR & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6.00	7	8	9
91	412503	BR Jackets (Level-IV)	100.00	-	100.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
92	412503	BR Helmets	19.00	-	19.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
93	411502	Bullet proof vehicles	55.00	-	55.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
TOTAL			6237.16	0.00	6237.16				

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 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 the necessity and the benefits accruing to the beneficiaries.

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

For Arora Vohra & Co.

Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Limited

(M G Gokhale)

GM (Comml.)

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Form 9A

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner : NHPC
Name of the Generating Station : Kisnaganga Power Station
COD : 24.05.2018
For Financial Year : FY2021-22

(Amount in Rs)

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1		2	3	4.00	5=3-4	6.00	7	8	9
A. Additional Capital Expenditure within original scope									
1	414005	Balance work of PDE Contract (Euro converted to INR @Rs.78/-)	364.00	-	364.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE und head "PLANNING, DESIGN & ENGINEERING"	
2	410701-410714	Balance E&M Works	710.00	-	710.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "ELECTRO MECHANICAL WORKS" item No's 1 to 9.	
3	410201	Alternate road on right bank of the river at Dam site by BRO	600.00	-	600.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "R-COMMUNICATION" item No.3 2.Expenses incurred for this item required to be allocated to major assets as the item is linked with providing access to the main asset.	
4	410201	Construction of internal road with side drains at nhpc colony Karalpora, Bandipora	200.00	-	200.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "R-COMMUNICATION" item No.4	
5	410328	Construction of permanent Boundary wall of Powerhouse area & gates.	150.00	-	150.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "J-Works" item No.1.	
6	410325	Construction of block no. 1 to 6 (48 nos. qtrs.) permanent b-type residential accommodation i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	300.00	-	300.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
7	410425	D-Type residential Quarters at NHPC Colony, Karalpora (Electrification)	40.00	-	40.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	

ADORA VOHRA & CO. FRN. 009487N CHARTERED ACCOUNTANTS

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1		2	3	4.00	5=3-4	6.00	7	8	9
8	410325	construction of permanent10 nos. d-type residential quarters i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	150.00	-	150.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
9	410425	E-Special Type residential Quarters at NHPC Colony, Karalpora (Electrification)	26.00	-	26.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the DPR head "K-BUILDINGS" item No.3 a).	
10	410421	Internal electrification for C/o Permanent residential buildings at township complex at Dawar. (Electrification)	40.00	-	40.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
11	410325	C/o Permanent residential buildings at township complex at Dawar.	300.00	-	300.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
12	410328	construction of permanent security office building i/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora.	300.00	-	300.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	
13	410326	Construction of barrack, offices/ shops / stores/ sewerage/ water system/ architecture/ land scrapping etc. for CISF, Project and others at Power House Area / surge shaft area for CISF unit at Kishanganga project NHPC colony.	50.00	-	50.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	
14	410326	Construction of offices, barracks, sentry posts, strong room, guard room etc. for CISF & JKAP at Powerhouse, switchyard, TBM & surge shaft areas & STP.	40.00	-	40.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	
15	410328	C/o Permanent Non residential buildings (Office, bunker) at township complex at Dawar.	150.00	-	150.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "K-BUILDINGS" item No.3 b).	
16	410328	C/o Non residential buildings (Electrical shed, Diesel shed, Civil Store, club) at township complex at Dawar.	50.00	-	50.00	-	24 (1) (b)	1. This work is in the original scope and allowed in the RCE under the head "K-BUILDINGS" item No.3 b).	
17	410905	Electrification (like Post Lamp, Park light, Street & Road Light, Cable, cable trenches & feeder pillars etc.	100.00	-	100.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.3 Most of the infrastructure works are on verge of completion and for catering the needs of lighting in the Power station colony works are required to be taken up.	

ARORA MUNJAL & CO. FRN. 009487N CHARTERED ACCOUNTANTS

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1		2	3	4.00	5=3-4	6.00	7	8	9
18	412503	Construction of fire hydrant system for residential & non - residential buildings at nhpc colony Karalpora, Bandipora .	50.00	-	50.00	-	24 (1) (b)	.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.1	
19	411201	Construction of external water supply system including overhead water tank for residential & non - residential buildings at nhpc colony Karalpora, Bandipora and the adjoining areas. .	200.00	-	200.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.6. 2.The work is part of the regular capital expenditure which is to be taken up for providing Water supply to the occupants of the Colony.	
20	411202	Construction of external sewerage lines for residential & non - residential buildings at nhpc colony Karalpora, Bandipora .	50.00	-	50.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.6. 2.The work is part of the regular capital expenditure which is to be taken up for well maintenance of Colony	
21	411201	Construction of storm water drainage system for residential & non - residential buildings at nhpc colony Karalpora, Bandipora .	20.00	-	20.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.7. 2.The work is part of the regular capital expenditure which is to be taken up for well maintenance of Colony	
22	923901	Catchment Area Treatment Plan	85.00	-	85.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1		2	3	4.00	5=3-4	6.00	7	8	9
23	923901	Public Health Delivery System	62.00	-	62.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	
24	923901	Relocation and Re-habitation of Dumping material	500.00	-	500.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1		2	3	4.00	5=3-4	6.00	7	8	9
25	923901	Creation of Green Belt along the reservoir	30.00	-	30.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	
26	923901	Landscaping and restoration of Construction Areas	83.00	-	83.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	
B. Additional Capital Expenditure beyound original scope within cutoff date									

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			Accural basis	Un-discharged Liability included in col.3	Cash basis	IDC included in col.3			
1		2	3	4.00	5=3-4	6.00	7	8	9
27	410326	Construction retaining walls and taking up of other protection works around Dam	25.00	-	25.00	-	26(1)(d)	1. Acquisition of land in process. To acquire temp structure of HCC/ construction for CISF Purpose to stay during winter at dam site. 2. Crate works, filling etc. are require to be taken up as part of the protection measures.	
28	412503	Explosive detector	10.00	-	10.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
29	412503	X-BIS Machine	5.00	-	5.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
30	412503	Night vision Binoculars with thermal imaging.	31.47	-	31.47	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
31	412503	BR Jackets (Level-IV)	89.00	-	89.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
Total Amount			**4810.47**	**0.00**	**4810.47**				

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)
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
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
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 the necessity and the benefits accruing to the beneficiaries.
2. In case initial spares are Purchased along with any equipment then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

For NHPC Limited

(M G Gokhale)
GM (Comml.)

Form 9A

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kisnaganga Power Station
COD : 24.05.2018
For Financial Year : FY2022-23 (Amount in Rs)

Sl. No.		Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			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	8	9
A. Additional Capital Expenditure within original scope									
1	410201	Alternate road on right bank of the river at Dam site by BRO	800.00	-	800.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "R-COMMUNICATION" item No.3	
2	410201	Construction of internal road with side drains at nhpc colony Karalpora, Bandipora	100.00	-	100.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "R-COMMUNICATION" item No.4	
3	410328	Construction of permanent Boundary wall of Powerhouse area & gates.	126.00	-	126.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "J-Works" item No.1.	
4	410325	Construction of block no. 1 to 6 (48 nos. qtrs.) permanent b-type residential accommodation i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	300.00	-	300.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
5	410325	construction of permanent10 nos. d-type residential quarters i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	150.00	-	150.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
6	410421	Internal electrification for C/o Permanent residential buildings at township complex at Dawar. (Electrification)	40.00	-	40.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
7	410325	C/o Permanent residential buildings at township complex at Dawar.	300.00	-	300.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
8	410304	construction of permanent administrative / office building i/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora	293.00	-	293.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 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
			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	8	9
9	410323	construction of hospital building i/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora	220.00	-	220.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the DPR head "K-BUILDINGS" item No.3 b).	
10	410328	construction of permanent check post building i/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora.	44.00	-	44.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	
11	410328	construction of permanent telephone exchange building i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	50.00	-	50.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	
12	410328	construction of permanent fire station building i/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora.	105.00	-	105.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	
13	410326	Construction of barrack, offices/ shops / stores/ sewerage/ water system/ architecture/ land scrapping etc. for CISF, Project and others at Power House Area / surge shaft area for CISF unit at Kishanganga.	50.00	-	50.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	
14	410326	Construction of offices, barracks, sentry posts, strong room, guard room etc. for CISF & JKAP at Powerhouse, switchyard, TBM & surge shaft areas & STP.	35.00	-	35.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	
15	410328	C/o Permanent Non residential buildings (Office, bunker) at township complex at Dawar.	50.00	-	50.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	
16	410328	C/o Non residential buildings (Electrical shed, Diesel shed, Civil Store, club) at township complex at Dawar.	50.00	-	50.00	-	24 (1) (b)	1. This work is in the original scope and allowed in the RCE under the head "K-BUILDINGS" item No.3 b).	
17	412503	Construction of fire hydrant system for residential & non - residential buildings at nhpc colony Karalpora, Bandipora .	30.00	-	30.00	-	24 (1) (b)	.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.1	
18	412005	Providing Hospital equipment's	42.00	-	42.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the DPR head "O - MISCELLANEOUS" item No.4.4.4. 2.Equipping of new hospital building and equipping with different infrastructure like X-ray plant, Patient beds, OT beds etc.	

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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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
			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	8	9
19	411201	Construction of external water supply system including overhead water tank for residential & non - residential buildings at nhpc colony Karalpora, Bandipora and the adjoining areas. .	150.00	-	150.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.6. 2.The work is part of the regular capital expenditure which is to be taken up for providing Water supply to the occupants of the Colony.	
20	411201	Construction of storm water drainage system for residential & non - residential buildings at nhpc colony Karalpora, Bandipora .	50.00	-	50.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.7. 2.The work is part of the regular capital expenditure which is to be taken up for well maintenance of Colony	
21	923901	Fisheries Management Plan	200.00	-	200.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			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	8	9
22	923901	Public Health Delivery System	62.00	-	62.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	
23	923901	Solid Waste Management	40.00	-	40.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	

ARORA VOHRA & CO. FRN. 009487N CHARTERED ACCOUNTANTS

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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
			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	8	9
24	923901	Relocation and Re-habitation of Dumping material	500.00	-	500.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	
25	923901	Creation of Green Belt along the reservoir	30.00	-	30.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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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
			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	8	9
26	923901	Landscaping and restoration of Construction Areas	100.00	-	100.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	
27	923901	Impact area treatment (Streamlining and Training works of Bonar and Madhumati Nallah including flood protection works)	1987.00	-	1987.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" New Provisions item No. 2. 2. Towards the balance works of Bonar/Madhmathi. However, release of balance amount is subjected to deduction of MOP about reimbursement/recovery of cost from J&K Government to the extent of amount beyond Madhumati Nallah	
28	410111	Land Acquisition	300.00	-	300.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "B-LAND" item No. 3 & 6 to 10. 2.Land being prime requirement for construction of various Components of the project. The land has been acquired through State Government as per J&K Land Acquisition Act 1935	
29	0	Construction of Dam toe Power House	1000.00	-	1000.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the DPR head "Dam Toe works" 2. Awarded value of the work is high as compared to the provision kept in RCE, which is based on the tender check estimate.	
B. Additional Capital Expenditure beyound original scope within cutoff date									

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			Accural basis	Un-discharged Liabillty included in col.3	Cash basis	IDC included in col.3			
1	2		3	4	5=3-4	6	7	8	9
30	412503	Explosive detector	7.48	-	7.48	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
31	412503	X-BIS Machine	5.00	-	5.00	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
Total Amount			**7216.48**	**0.00**	**7216.48**				

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
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
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
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 the necessity and the benefits accruing to the beneficiaries.
2. In case initial spares are Purchased along with any equipment then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Limited

(M G Gokhale)
GM (Comml.)

Form 9A

Year wise Statement of Additional Capitalisation after COD

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kisnaganga Power Station
COD : 24.05.2018
For Financial Year : FY 2023-24

(Amount in Rs)

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			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	8	9
A. Additional Capital Expenditure within original scope									
1	412503	SETC of HSD Storage Tank 400KL at Dam site, Gurez	300.00	-	300.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "C-Works item No.3. Dam site, Gurez is cut away from entire world during the time of winter and it is not connected with grid power most of the time. Therefore, operation of Dam Site, depends on Power generated through DG Set. The construction Storage tank with enough capacity is essential requirement. In view of above, provision has been kept in RCE amounting to Rs. 2 Crs. The Increase in cost due to present market rate and escalation.	
2	410201	Alternate road on right bank of the river at Dam site by BRO	600.00	-	600.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "R-COMMUNICATION" item No.3 2.Expenses incurred for this item required to be allocated to major assets as the item is linked with providing access to the main asset.	
3	410201	Construction of internal road with side drains at nhpc colony Karalpora, Bandipora	100.00	-	100.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "R-COMMUNICATION" item No.4	

ARORA VOHRA & CO. FRN. 009487N CHARTERED ACCOUNTANTS

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			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	8	9
4	410425	B-Type residential Quarters at NHPC Colony, Karalpora (Electrification)	60.50	-	60.50	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
5	410325	Construction of block no. 1 to 6 (48 nos. qtrs.) permanent b-type residential accommodation i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	300.00	-	300.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
6	410325	construction of permanent10 nos. d-type residential quarters i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	100.00	-	100.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
7	410325	C/o Permanent residential buildings at township complex at Dawar.	100.00	-	100.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 a).	
8	410322	construction of school building i/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora.	290.00	-	290.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the DPR head "K-BUILDINGS" item No.3 b).	
9	410328	construction of permanent community center building i/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora.	122.00	-	122.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the DPR head "K-BUILDINGS" item No.3 b).	
10	410328	construction of permanent telephone exchange building i/c water supply and sanitary works at nhpc colony Karalpora, Bandipora.	13.00	-	13.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	
11	410328	construction of permanent shopping center building i/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora.	300.00	-	300.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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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
			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	8	9
12	410328	construction of permanent co-operative store building i/c water supply, sanitary works and electrification at nhpc colony Karalpora, Bandipora.	200.00	-	200.00	-	24 (1) (b)	This work is in the original scope and allowed in the RCE under the head "K- BUILDINGS" item No.3 b).	
13	410329	Landscape works (Construction of children park and welfare centre) at nhpc colony Karalpora, Bandipora .	150.00	-	150.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.5 2.Various infrastructure works are at final stage of completion in Power house colony, Kralpora and the topography of the power house colony area possessing uncomfortable for movement is quite undulated and this requires to taken up landscaping work to brought down to a reasonable level. Further park is also required to be constructed for children.	
14	411201	Construction of storm water drainage system for residential & non - residential buildings at nhpc colony Karalpora, Bandipora .	50.00	-	50.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "O - MISCELLANEOUS" item No.4.4.7. 2.The work is part of the regular capital expenditure which is to be taken up for well maintenance of Colony	

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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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
			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	8	9
15	923901	Biodiversity Conservation Plan	75.00	-	75.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	
16	923901	Fisheries Management Plan	255.00	-	255.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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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
			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	8	9
17	923901	Public Health Delivery System	62.00	-	62.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	
18	923901	Solid Waste Management	50.00	-	50.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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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
			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	8	9
19	923901	Relocation and Re-habitation of Dumping material	468.00	-	468.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "X-ENVIRIONMENT & ECOLOGY" item No's 1 to 14. As a mandatory requirement to safeguard Environment and ecology. Based on Environment Impact Assessment in respect of Kishanganga HE Project Environment Management Plan has been formulated to safeguard the environment aspect of the Project area. The plans are being implemented through various Government Agencies (Like Forest Department Govt of JK, Fisheries Department Government of JK, District Administration)	
20	410111	Land Acquisition	390.00	-	390.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the head "B-LAND" item No. 3 & 6 to 10. 2.Land being prime requirement for construction of various Components of the project. The land has been acquired through State Government as per J&K Land Acquisition Act 1935	
21	0	Construction of Dam toe Power House	2250.00	-	2250.00	-	24 (1) (b)	1.This work is in the original scope and allowed in the RCE under the DPR head "Dam Toe works" 2. Awarded value of the work is high as compared to the provision kept in RCE, which is based on the tender check estimate.	
B. Additional Capital Expenditure beyound original scope within cutoff date									

A. KORA VOHRA & CO. CA FRN: 009487N CHARTERED ACCOUNTANTS

Sl. No.	Head of Work / Equipment		ACE Claimed (Actual / Projected)				Regulation under which claimed	Justification	Admitted Cost by the Commission if any
			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	8	9
22	412503	X-BIS Machine	4.22	-	4.22	-	26 (1) (d)	As per direction of MHA several security gadgets are required to be purchased	
Total Amount			**6239.72**	**0.00**	**6239.72**				

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)
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
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 the necessity and the benefits accruing to the beneficiaries.
2. In case initial spares are Purchased along with any equipment then the cost of such spares should be indicated separately. e.g. Rotor - 50 Crs. Initial spares- 5 Crs.

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Limited

(M G Gokhale)
GM (Comml.)

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FORM-9B

Statement of Additional Capitalisation during fag end of the Project

Name of the Petitioner : NHPC LTD.

Name of the Generating Station :Kishanganga Power Station

COD : 24.05.2018

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	Not Applicable				
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 Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Limited

(M G Gokhale)
GM (Comml.)

FORM-9B (i)

Details of Assets De-capitalized during the period

Name of the Petitioner : NHPC Ltd.

Name of the Generating Station Kishanganga Power station

COD 24.05.2018

(Amount in Rs.)

Sl. No.	Name of the Asset	Head of account	Nature of de-capitlization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of de-capitalization	Year of De-cpitalisation	Remarks
1	2		3	4	5	6		
		Petition is based on projection de-capitalisation details as per books will be submitted at the time of truing up.						

For Arora Vohra & Co.
Chartered Accountants

For NHPC LTD.

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

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

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FORM-9C

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

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga Power Station
COD :24.05.2018

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	Petition is based on projected additional capital expenditure reconciliation will be submitted at the time of truing up of capital expenditure.				
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	**Total Additions as per books (G=3-5)**					
8	Less: Additions pertaining to other Stages (give Stage Wise breakup)					
9	**Net Additions pertaining to instant project/Unit/Stage**					
10	LessExclusions (items not allowable / not claimed)					
11	**Net Additions Capital Expenditure Claimed (on accural basis)**					
12	**Less: Un-discharged Liabilities**					
13	**Add: Discharge of un-discharged liabilities, corresponding to admitted assets/works**					
14	**Net Additional Capital Expenditure Claimed (on cash basis)**					

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

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. * CHARTERED ACCOUNTANTS * FRN. 000487N

For NHPC Limited

(M G Gokhale)
GM (Comml.)

FORM-9D

Statement showing items / assets / works claimed under Exclusions

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

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 Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Limited

(M G Gokhale)
GM(Comml.)

Form-9E

Statement of Capital Cost

(To be given for relevant dates and year wise)

Name of the Petitioner : NHPC Ltd.

Name of the Generating Station : Kishanganga Power Station

(Amount in Lakhs)

Sl. No.		Particulars	As on relevant date [1]
A	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	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	NOT APPLICABLE
	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	
C	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	
D	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	
E	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	

Note:

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

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Ltd

(M G Gokhale)
GM (Comml.)

Form-9F

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 :Kishanganga Power Station

(Amount in Rs. Lakhs)

Sl. No.		Particulars	As on relevant date [1]
A	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	a)	Addition in CWIP during the period	
	b)	Amount of IDC in B(a) above	
	c)	Amount of FC in B(a) above	NOT APPLICABLE
	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	
C	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	
D	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	
E	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	

Note:

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

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Ltd

(M G Gokhale)
GM (Comml.)

FORM-10

Financing of Additional Capitalisation

Name of the Petitioner : NHPC Limited

Name of the Generating Station : Kishanganga Power Station

Date of Commercial Operation : 24.05.2018

(Amount in Rs. Lakhs)

Financial Year (Starting from COD) [1]	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	5,770.69	12,275.31	4,824.87	7,216.48	6,239.72					
Financing Details										
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan[2]										
Equity										
Internal Resources	5,770.69	12,275.31	4,824.87	7,216.48	6,239.72					
Others (Pl. specify)										
Total	5,770.69	12,275.31	4,824.87	7,216.48	6,239.72					

Note:

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

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

For Arora Vohra & Co.
Chartered Accountants

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

Form-11

Calculation of Depreciation

Name of the Petitioner : NHPC Limited
Name of the Generating Station : KishangangaPower Station

(Amount in Rs.)

Sl. No.	Name of the Assets[1]		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			
2	Land– Leasehold	410111			
3	Land– Right to Use	410121			
4	Roads and Bridges	4102			
5	Buildings	410301			
6	Internal Electrification Work-Building	4104			
7	Railway sidings	4105			
8	Hydraulic Works(Dams, Water Conductor system, Hydro mechanical gates, tunnels)	4106			
9	Generating Plant and machinery	4107			
10	Plant and machinery Sub station	4108			
11	Plant and machinery Transmission lines	4109	**Not Applicable as lower rate of depreciation @1.5% for initial 10 years has been adopted.**		
12	Plant and machinery Others	4110			
13	Construction Equipment	4111			
14	Water Supply System /Drainage and Sewerage	4112			
15	Electrical installations	4114			
16	Vehicles	4115			
17	Aircraft/ Boats	4116			
18	Furniture and fixture	4117			
19	Computers	4118			
20	Communication Equipment	4119			
21	Office Equipments	4120			
22	Research and Development	4121			
23	Computer Software	4122			
24	Other assets	4125			
25	Tangible Assets of minor value >750 and < Rs.5000	4128			
	TOTAL		-		-
	Weighted Average Depreciation Rate (%) of depreciation				

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

PART-II
FORM-12

Statement of Depreciation

Name of the Petitioner :
Name of the Generating Station :

(Rs. in Lakh)

Sl. No.	Particulars	2018-19		2019-20	2020-21	2021-22	2022-23	2023-24
		18.05.2018 to 23.05.2018	24.05.2018 to 31.03.2019					
1	2	3		4	5	6	7	8
1	Opening Capital Cost	186822.76	565928.76	575,500.02	581,270.71	593,546.02	598,370.89	605,587.37
2	Closing Capital Cost	186822.76	575500.02	581,270.71	593,546.02	598,370.89	605,587.37	611,827.09
3	Average Capital Cost	186822.76	570714.39	578,385.37	587,408.37	595,958.46	601,979.13	608,707.23
4	Freehold land	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Rate of depreciation*	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
6	Depreciable value (6=3-4)*0.9	168140.48	513642.95	520,546.83	528,667.53	536,362.61	541,781.22	547,836.51
7	Balance useful life at the beginning of the period	35.00	35.00	39.15	38.15	37.15	36.15	35.15
8	Remaining depreciable value	168140.48	513596.89	513,193.44	512,638.35	511,522.31	508,001.54	505,027.14
9	**Depreciation (for the period)**	**46.07**	**7317.65**	**8,675.78**	**8,811.13**	**8,939.38**	**9,029.69**	**9,130.61**
10	Cumulative depreciation at the end of the period	46.07	7363.72	16029.17	24840.30	33779.68	42809.36	51939.97
12	Less : Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009 / Station COD, whichever is later.	0.00	0.00					
11	Less : Cumulative depreciation adjustment on account of de-capitalisation (Refer Form-9B(i))	0.00	10.32	-	-	-	-	-
12	Net Cumulative depreciation at the end of the period	46.07	7353.39	16,029.17	24,840.30	33,779.68	42,809.36	51,939.97

*** Depreciation @1.5% has been considered for intial 10 years**

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

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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For NHPC Limited

(M G Gokhale)
GM (Comml)

FORM-13

Name of the Company NHPC LIMITED

Name of the Power Station KISHANGANGA

Calculation of Weighted Average Rate of Interest on Actual Loans

(Rs in Lac)

Sl. no.	Particulars	2018-19 (Existing)	2019-20	2020-21	2021-22	2022-23	2023-24
		During the period from 24.05.2018 to 31.03.2019 all 3 units are O&M					
1	2	3	4	5	6	7	8
1	**R3-SERIES BONDS**						
	Gross loan - Opening	900.00	900.00	900.00	900.00	900.00	900.00
	Cumulative repayments of Loans upto previous year	0.00	90.00	180.00	270.00	360.00	450.00
	Net loan - Opening	900.00	810.00	720.00	630.00	540.00	450.00
	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	90.00	90.00	90.00	90.00	90.00	90.00
	Net loan - Closing	810.00	720.00	630.00	540.00	450.00	360.00
	Average Net Loan	855.00	765.00	675.00	585.00	495.00	405.00
	Rate of Interest on Loan	8.78%	8.78%	8.78%	8.78%	8.78%	8.78%
	Interest on loan	66.49	70.21	62.01	54.25	46.35	38.53
2	**S2-SERIES BONDS**						
	Gross loan - Opening	5343.00	5343.00	5343.00	5343.00	5343.00	5343.00
	Cumulative repayments of Loans upto previous year	0.00	445.25	890.50	1335.75	1781.00	2226.25
	Net loan - Opening	5343.00	4897.75	4452.50	4007.25	3562.00	3116.75
	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	445.25	445.25	445.25	445.25	445.25	445.25
	Net loan - Closing	4897.75	4452.50	4007.25	3562.00	3116.75	2671.50
	Average Net Loan	5120.38	4675.13	4229.88	3784.63	3339.38	2894.13
	Rate of Interest on Loan	8.54%	8.78%	8.78%	8.78%	8.78%	8.78%
	Interest on loan	376.91	405.82	366.44	329.09	291.07	253.46
3	**T-SERIES BONDS**						
	Gross loan - Opening	723.00	723.00	723.00	723.00	723.00	723.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	60.25	120.50	180.75	241.00
	Net loan - Opening	723.00	723.00	662.75	602.50	542.25	482.00
	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	60.25	60.25	60.25	60.25	60.25
	Net loan - Closing	723.00	662.75	602.50	542.25	482.00	421.75
	Average Net Loan	723.00	692.88	632.63	572.38	512.13	451.88
	Rate of Interest on Loan	8.50%	8.50%	8.50%	8.50%	8.50%	8.50%
	Interest on loan	52.53	57.84	52.63	47.55	42.43	37.33
4	**V2-SERIES BONDS**						
	Gross loan - Opening	4626.00	4626.00	4626.00	4626.00	4626.00	4626.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	4626.00	4626.00	4626.00	4626.00	4626.00	4626.00
	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	2313.00
	Net loan - Closing	4626.00	4626.00	4626.00	4626.00	4626.00	2313.00
	Average Net Loan	4626.00	4626.00	4626.00	4626.00	4626.00	3469.50
	Rate of Interest on Loan	7.52%	7.52%	7.52%	7.52%	7.52%	7.52%
	Interest on loan	297.36	348.04	347.70	347.87	347.87	205.47
5	**W1-SERIES BONDS**						
	Gross loan - Opening	1784.63	1784.63	1784.63	1784.63	1784.63	1784.63
	Cumulative repayments of Loans upto previous year	0.00	356.93	713.86	1070.79	1427.72	1784.63
	Net loan - Opening	1784.63	1427.70	1070.77	713.84	356.91	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	356.93	356.93	356.93	356.93	356.91	0.00
	Net loan - Closing	1427.70	1070.77	713.84	356.91	0.00	0.00

ARORA VOHRA & CO. FRN. 005167N

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FORM-13

Name of the Company NHPC LIMITED

Name of the Power Station KISHANGANGA

Calculation of Weighted Average Rate of Interest on Actual Loans

(Rs In Lac)

Sl. no.	Particulars	2018-19 (Existing)	2019-20	2020-21	2021-22	2022-23	2023-24
		During the period from 24.05.2018 to 31.03.2019 all 3 units are O&M					
1	2	3	4	5	6	7	8
	Average Net Loan	1606.17	1249.24	892.31	535.38	178.46	0.00
	Rate of Interest on Loan	6.91%	6.91%	6.91%	6.91%	6.91%	6.91%
	Interest on loan	92.03	85.37	60.52	35.95	11.28	0.00
6	**W2-SERIES BONDS**						
	Gross loan - Opening	1447.12	1447.12	1447.12	1447.12	1447.12	1447.12
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1447.12	1447.12	1447.12	1447.12	1447.12	1447.12
	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	356.92
	Net loan - Closing	1447.12	1447.12	1447.12	1447.12	1447.12	1090.20
	Average Net Loan	1447.12	1447.12	1447.12	1447.12	1447.12	1268.66
	Rate of Interest on Loan	7.35%	7.35%	7.35%	7.35%	7.35%	7.35%
	Interest on loan	90.92	106.49	106.23	106.36	106.36	92.23
7	**SUB-ORDINATE DEBTS**						
	Gross loan - Opening	267667.00	315501.00	364458.00	364458.00	364458.00	364458.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	267667.00	315501.00	364458.00	364458.00	364458.00	364458.00
	Add: Drawal(s) during the Year	47834.00	48957.00	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	315501.00	364458.00	364458.00	364458.00	364458.00	364458.00
	Average Net Loan	291584.00	339979.50	364458.00	364458.00	364458.00	364458.00
	Rate of Interest on Loan	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
	Interest on loan	2691.34	3558.98	3644.58	3644.58	3644.58	3644.58
8	**X-Series Bonds**						
	Gross loan - Opening	0.00	2300.00	2300.00	2300.00	2300.00	2300.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	328.57
	Net loan - Opening	0.00	2300.00	2300.00	2300.00	2300.00	1971.43
	Add: Drawal(s) during the Year	2300.00	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	328.57	328.57
	Net loan - Closing	2300.00	2300.00	2300.00	2300.00	1971.43	1642.86
	Average Net Loan	1150.00	2300.00	2300.00	2300.00	2135.72	1807.15
	Rate of Interest on Loan	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%
	Interest on loan	28.34	199.42	198.48	198.95	194.90	166.81
	TOTAL LOANS						
	Gross loan - Opening	283069.01	332624.75	381581.75	381581.75	381581.75	381581.75
	Cumulative repayments of Loans upto previous year	0.00	892.18	1844.61	2797.04	3749.47	5030.45
	Net loan - Opening	283069.01	331732.57	379737.14	378784.71	377832.28	376551.30
	Add: Drawal(s) during the Year	50134.00	48957.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	1470.44	952.43	952.43	952.43	1280.98	3593.99
	Net loan - Closing	331732.57	379737.14	378784.71	377832.28	376551.30	372957.31
	Average Net Loan	307400.79	355734.86	379260.93	378308.50	377191.79	374754.31
	Interest on loan	3722.58	4832.17	4838.59	4764.60	4684.84	4438.41
	Weighted average Rate of Interest on Loans**	1.42%	1.36%	1.28%	1.26%	1.24%	1.18%

** Weighted average rate of interest on loan= Interest on loan/Average Net Loan*365/Actual No. of Days.

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

Annexure to Form -13

Name of the Company NHPC Limited
Name of the Power Station KISHANGANGA H E PROJECT

Calculation of Interest taken in Form 13

Figures in lac

Sl. No.	Pricipal	Date of Repayment	Amount of Installment	From	To	Days	Interest Rate (%)	Interest	Intt. in form 13 O&M*
1	R3-SERIES BONDS								
	810.00			01-Apr-19	10-Feb-20	316	8.78%	61.57	
	720.00	11-Feb-20	90.00	11-Feb-20	31-Mar-20	50	8.78%	8.64	70.21
	720.00			01-Apr-20	10-Feb-21	316	8.78%	54.58	
	630.00	11-Feb-21	90.00	11-Feb-21	31-Mar-21	49	8.78%	7.43	62.01
	630.00			01-Apr-21	10-Feb-22	316	8.78%	47.89	
	540.00	11-Feb-22	90.00	11-Feb-22	31-Mar-22	49	8.78%	6.36	54.25
	540.00			01-Apr-22	10-Feb-23	316	8.78%	41.05	
	450.00	11-Feb-23	90.00	11-Feb-23	31-Mar-23	49	8.78%	5.30	46.35
	450.00			01-Apr-23	10-Feb-24	316	8.78%	34.21	
	360.00	11-Feb-24	90.00	11-Feb-24	31-Mar-24	50	8.78%	4.32	38.53
			450.00			1827			271.35
2	S2-SERIES BONDS								
	4897.75			01-Apr-19	25-Nov-19	239	8.54%	273.88	
	4452.50	26-Nov-19	445.25	26-Nov-19	31-Mar-20	127	8.54%	131.94	405.82
	4452.50			01-Apr-20	25-Nov-20	239	8.54%	248.30	
	4007.25	26-Nov-20	445.25	26-Nov-20	31-Mar-21	126	8.54%	118.14	366.44
	4007.25			01-Apr-21	25-Nov-21	239	8.54%	224.08	
	3562.00	26-Nov-21	445.25	26-Nov-21	31-Mar-22	126	8.54%	105.01	329.09
	3562.00			01-Apr-22	25-Nov-22	239	8.54%	199.19	
	3116.75	26-Nov-22	445.25	26-Nov-22	31-Mar-23	126	8.54%	91.88	291.07
	3116.75			01-Apr-23	25-Nov-23	239	8.54%	174.29	
	2671.50	26-Nov-23	445.25	26-Nov-23	31-Mar-24	127	8.54%	79.17	253.46
			2226.25			1827			1645.88
3	T-SERIES BONDS								
	723.00			01-Apr-19	13-Jul-19	104	8.50%	17.51	
	662.75	14-Jul-19	60.25	14-Jul-19	31-Mar-20	262	8.50%	40.33	57.84
	662.75			01-Apr-20	13-Jul-20	104	8.50%	16.01	
	602.50	14-Jul-20	60.25	14-Jul-20	31-Mar-21	261	8.50%	36.62	52.63
	602.50			01-Apr-21	13-Jul-21	104	8.50%	14.59	
	542.25	14-Jul-21	60.25	14-Jul-21	31-Mar-22	261	8.50%	32.96	47.55
	542.25			01-Apr-22	13-Jul-22	104	8.50%	13.13	
	482.00	14-Jul-22	60.25	14-Jul-22	31-Mar-23	261	8.50%	29.30	42.43
	482.00			01-Apr-23	13-Jul-23	104	8.50%	11.67	
	421.75	14-Jul-23	60.25	14-Jul-23	31-Mar-24	262	8.50%	25.66	37.33
			301.25			1827			237.78
4	V2-SERIES BONDS								
	4626.00			01-Apr-19	05-Jun-19	66	7.52%	62.90	
	4626.00			06-Jun-19	31-Mar-20	300	7.52%	285.14	348.04
	4626.00			01-Apr-20	05-Jun-20	66	7.52%	62.73	
	4626.00			06-Jun-20	31-Mar-21	299	7.52%	284.97	347.70
	4626.00			01-Apr-21	05-Jun-21	66	7.52%	62.90	
	4626.00			06-Jun-21	31-Mar-22	299	7.52%	284.97	347.87
	4626.00			01-Apr-22	05-Jun-22	66	7.52%	62.90	
	4626.00			06-Jun-22	31-Mar-23	299	7.52%	284.97	347.87
	4626.00			01-Apr-23	05-Jun-23	66	7.52%	62.90	
	2313.00	06-Jun-23	2313.00	06-Jun-23	31-Mar-24	300	7.52%	142.57	205.47
			2313.00			1827			1596.95

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

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Annexure to Form -13

Name of the Company NHPC Limited
Name of the Power Station KISHANGANGA H E PROJECT

Calculation of Interest taken in Form 13

Figures in lac

Sl. No.	Pricipal	Date of Repayment	Amount of Installment	From	To	Days	Interest Rate (%)	Interest	Intt. in form 13 O&M*
5	W1-SERIES BONDS								
	1427.70			01-Apr-19	14-Sep-19	167	6.91%	45.14	
	1070.77	15-Sep-19	356.93	15-Sep-19	31-Mar-20	199	6.91%	40.23	85.37
	1070.77			01-Apr-20	14-Sep-20	167	6.91%	33.76	
	713.84	15-Sep-20	356.93	15-Sep-20	31-Mar-21	198	6.91%	26.76	60.52
	713.84			01-Apr-21	14-Sep-21	167	6.91%	22.57	
	356.91	15-Sep-21	356.93	15-Sep-21	31-Mar-22	198	6.91%	13.38	35.95
	356.91			01-Apr-22	14-Sep-22	167	6.91%	11.28	
	0.00	15-Sep-22	356.91	15-Sep-22	31-Mar-23	198	6.91%	0.00	11.28
				01-Apr-23	14-Sep-23	167	6.91%	0.00	
				15-Sep-23	31-Mar-24	199	6.91%	0.00	0.00
			1427.70			1827			193.12
6	W2-SERIES BONDS								
	1447.12			01-Apr-19	14-Sep-19	167	7.35%	48.66	
	1447.12			15-Sep-19	31-Mar-20	199	7.35%	57.83	106.49
	1447.12			01-Apr-20	14-Sep-20	167	7.35%	48.53	
	1447.12			15-Sep-20	31-Mar-21	198	7.35%	57.70	106.23
	1447.12			01-Apr-21	14-Sep-21	167	7.35%	48.66	
	1447.12			15-Sep-21	31-Mar-22	198	7.35%	57.70	106.36
	1447.12			01-Apr-22	14-Sep-22	167	7.35%	48.66	
	1447.12			15-Sep-22	31-Mar-23	198	7.35%	57.70	106.36
	1447.12			01-Apr-23	14-Sep-23	167	7.35%	48.66	
	1090.20		356.92	15-Sep-23	31-Mar-24	199	7.35%	43.57	92.23
			356.92			1827			517.67
7	SUB-ORDINATE DEBTS								
	315501.00			01-Apr-19	03-Jun-19	64	1.00%	551.70	
	364458.00			04-Jun-19	31-Mar-20	302	1.00%	3007.28	3558.98
	364458.00			01-Apr-20	31-Mar-21	365	1.00%	3644.58	3644.58
	364458.00			01-Apr-21	31-Mar-22	365	1.00%	3644.58	3644.58
	364458.00			01-Apr-22	31-Mar-23	365	1.00%	3644.58	3644.58
	364458.00			01-Apr-23	31-Mar-24	366	1.00%	3644.58	3644.58
						1827			18137.30
8	X-Series Bonds								
	2300.00			01-Apr-19	07-Feb-20	313	8.65%	170.61	
	2300.00			08-Feb-20	31-Mar-20	53	8.65%	28.81	199.42
	2300.00			01-Apr-20	07-Feb-21	313	8.65%	170.14	
	2300.00			08-Feb-21	31-Mar-21	52	8.65%	28.34	198.48
	2300.00			01-Apr-21	07-Feb-22	313	8.65%	170.61	
	2300.00			08-Feb-22	31-Mar-22	52	8.65%	28.34	198.95
	2300.00			01-Apr-22	07-Feb-23	313	8.65%	170.61	
	1971.43	08-Feb-23	328.57	08-Feb-23	31-Mar-23	52	8.65%	24.29	194.90
	1971.43			01-Apr-23	07-Feb-24	313	8.65%	146.23	
	1642.86	08-Feb-24	328.57	08-Feb-24	31-Mar-24	53	8.65%	20.58	166.81
			657.14			1827			958.56
	GRAND TOTAL								23558.61

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

FORM-13A

Calculation of Interest on Normative Loan

Name of the Petitioner :
Name of the Generating Station :

(Amount in ₹ Lakh)

Sl. No.	Particulars	2018-19		2019-20	2020-21	2021-22	2022-23	2023-24
		18.05.2018 to 23.05.2018	24.05.2018 to 31.03.2019					
(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)
1	Gross Normative loan - Opening	130775.93	396150.13	402,850.02	406,889.50	415,482.22	418,859.62	423,911.16
2	Cumulative repayment of Normative loan upto previous year	0.00	0.00	8,606.79	17,282.57	26,093.69	35,033.07	44,062.76
3	**Net Normative loan - Opening**	**130775.93**	**396150.13**	**394,243.23**	**389,606.93**	**389,388.52**	**383,826.55**	**379,848.40**
4	Add : Increase due to addition during the year / period	0.00	3547.99	1370.72	4366.01	3367.33	5051.54	4367.80
5	Less : Decrease due to de-capitalisation during the year / period	0.00	564.83	0.00	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	0.00
7	Add : Increase due to discharges during the year / period	0.00	3716.73	2668.76	4226.71	10.08	0.00	0.00
	Less : Repayment during the year	46.07	8560.72	8,675.78	8,811.13	8,939.38	9,029.69	9,130.61
8	**Net Normative loan - Closing**	**127973.59**	**394289.30**	**389,606.93**	**389,388.52**	**383,826.55**	**379,848.40**	**375,085.60**
9	**Average Normative loan**	**129374.76**	**395219.72**	**391925.08**	**389497.73**	**386607.54**	**381837.48**	**377467.00**
10	Weighted average rate of interest	**7.88%**	**1.42%**	**1.36%**	**1.28%**	**1.26%**	**1.24%**	**1.18%**
11	**Interest on Loan**	**167.53**	**4786.06**	**5323.76**	**4969.19**	**4869.12**	**4742.54**	**4470.54**

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

FORM-13B

Calculation of Interest on Working Capital

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

(Amount in ₹ Lakh)

Sl. No.	Particulars	2018-19		2019-20	2020-21	2021-22	2022-23	2023-24
		18.05.2018 to 23.05.2018	24.05.2018 to 31.03.2019					
1	2		3	4	5	6	7	8
1	O & M Expenses *	330.84	991.17	1,842.88	1,930.78	2,022.88	2,119.37	2,220.47
2	Maintenance Spares *	595.51	1784.11	3,317.18	3,475.41	3,641.19	3,814.87	3,996.84
3	Receivables	4926.22	10664.30	8,153.94	8,288.99	8,456.33	8,600.94	8,738.76
4	Total Working Capital	5852.57	13439.59	13,314.00	13,695.18	14,120.40	14,535.19	14,956.07
5	Rate of Interest	12.20%	12.20%	12.05%	12.05%	12.05%	12.05%	12.05%
6	**Interest on Working Capital**	**11.74**	**1401.55**	**1,604.34**	**1,650.27**	**1,701.51**	**1,751.49**	**1,802.21**

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

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

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FORM-13C

Other Income as on actual / anticipated COD

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga 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		NOT APPLICABLE				
3	Income from Investment						
4	Income from sale of scrap						
5	Rebate for timely payment						
6	Surcharge on late payment from beneficiaries						
7	Rent from residential building						
8	Misc. receipts (Please Specify details)						
...	...						
...	...						

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

FORM-13D

Incidental Expenditure during Construction

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

(Amount in ₹ Lakh)

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

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

FORM-14

Name of the Petitioner : NHPC Limited
Name of the Generating Station : Kishanganga 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 [1]									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
1.1.2	Foreign Loan [2]									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
1.1.3	Foreign Loan [3]									
	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 [1]									
	Draw down Amount									
	IDC									
	Financing charges									
1.2.2	Indian Loan [2]									
	Draw down Amount									
	IDC									
	Financing charges									
1.2.3	Indian Loan [3]									
	Draw down Amount									
	IDC									
	Financing charges									
1.2.4	.....									
	.....									
	.....									
1.2	Total Indian Loans									
	Draw down Amount									
	IDC									
	Financing charges									
1	Total Loans drawn									
	IDC									
	Financing charges									
	Foreign Exchange Rate Variation									
	Hedging Cost									
2	Equity									
2.1	Foreign equity drawn									
2.2	Indian equity drawn									
	Total equity deployed									

NOT APPLICABLE

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

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

FORM-14A

Actual cash expenditure

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

(Amount in Rs Lakh)

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

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

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

FORM-15A

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

Generating Company: NHPC Ltd.
Name of Hydro-electric Generating Station : Kishanganga H. E. Project.
Installed Capacity : No. of units X MW: 3x110MW

Month		Design Energy* (MUs)	Designed Peaking Capability (MW)*
April	I	75.24	330.00
	II	75.24	330.00
	III	75.24	330.00
May	I	75.24	330.00
	II	75.24	330.00
	III	82.76	330.00
June	I	75.24	330.00
	II	75.24	330.00
	III	75.24	330.00
July	I	75.24	330.00
	II	75.24	330.00
	III	82.76	330.00
August	I	69.00	330.00
	II	65.39	330.00
	III	63.16	330.00
September	I	53.55	330.00
	II	52.97	330.00
	III	48.14	330.00
October	I	47.73	330.00
	II	49.71	330.00
	III	47.89	330.00
November	I	19.64	330.00
	II	17.36	330.00
	III	16.73	330.00
December	I	6.61	330.00
	II	4.48	330.00
	III	3.60	330.00
January	I	8.64	330.00
	II	8.71	330.00
	III	9.24	330.00
February	I	11.85	330.00
	II	13.22	330.00
	III	10.51	330.00
March	I	37.82	330.00
	II	46.89	330.00
	III	82.19	330.00
Total		**1712.96**	

* As per CEA letter dated 23.05.2017

Note:

Specify the number of peaking hours for which station has been designed: **Min. 3 Hrs. peaking (except few 10 daily periods in Dec & Jan).**

For
For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC LTD.

(M G Gokhale)
GM (Comml.)

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FORM-15B

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

Name of Compar : NHPC Limited
Name of Power : Kishanganga Power station
Installed Capacity : 3 X 110 MW = 330 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 Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

For NHPC Limited

(M G Gokhale)
GM (Comml)

Form-16

Liability Flow Statement (FY 2019-24)

Name of the Petitioner : NHPC Limited

Name of the Generating Station : Kishanganga Power Station

(Amount in lakh)

Sl. No.	Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2019	2019-20			2020-21			2021-22			2022-23			2023-24		
					Discharge	Reversal	As on 31.03.20	Discharge	Reversal	As on 31.03.21	Discharge	Reversal	As on 31.03.22	Discharge	Reversal	As on 31.03.23	Discharge	Reversal	As on 31.03.24
A. Liability pertaing to COD (24-05-2018)																			
1	DEPUTY COMMISSONER, BANDIPORA	PROVISION CREATED FOR R&R EXP PLAN	COD	3914.40	2500.00		1414.40	1400.00		14.40	14.40		0.00			0.00			0.00
2	CIVIL GROUP OF ENGINEERS	BOUNDARY WALL GUREZ	COD	1.49	1.49		0.00			0.00			0.00			0.00			0.00
3	AALAM CONSTRUCTIONS	Temp Shed for CISF-Gurez	COD	1.29	1.29		0.00			0.00			0.00			0.00			0.00
4	GHULAM NABI TANTRY	Construction of Temp Security Barracks	COD	0.20	0.20		0.00			0.00			0.00			0.00			0.00
5	MOHAMMAD AMIN BHAT	Construction of Field Hostel (Temp. type)	COD	0.21	0.21		0.00			0.00			0.00			0.00			0.00
6	ESCON ELECTRICALS	Electrification of Officer Club	COD	0.89	0.89		0.00			0.00			0.00			0.00			0.00
7	MOHD. AMIN BHAT	Consruction of Permanent Field Hostel	COD	27.64	27.64		0.00			0.00			0.00			0.00			0.00
8	M/S BUHROO CONSTRUCTIIONS	Consruction of Club Building	COD	0.86	0.86		0.00			0.00			0.00			0.00			0.00
9	CIVIL GROUP OF ENGINEERS	Construction of Boundry wall at Dawar.	COD	1.37	1.37		0.00			0.00			0.00			0.00			0.00
10	GHULAM NABI TANTRY	Construction of 10 Nos. B type Quarters Temp	COD	0.12	0.12		0.00			0.00			0.00			0.00			0.00
11	MOHAMMAD AMIN BHAT	Construction of Field Hostel (Temp. typ	COD	0.79	0.79		0.00			0.00			0.00			0.00			0.00
12	AALAM CONSTRUCTIONS	Construction of barrack for CISF Gurez	COD	2.23	2.23		0.00			0.00			0.00			0.00			0.00
13	M/S BUHROO CONSTRUCTIIONS	Const. of Officer's club	COD	1.30	1.30		0.00			0.00			0.00			0.00			0.00
14	M/S BUHROO CONSTRUCTIIONS	Construction of Permanent Guest House and LINK ROAD JAMA MASJID TO MANTRIGAM	COD	2.58	2.58		0.00			0.00			0.00			0.00			0.00
15	ESCON ELECTRICALS	Internal Electrification of C-Type Qtrs. 123400, Electrification of Officer Club-43311	COD	1.67	1.67		0.00			0.00			0.00			0.00			0.00
16	T.Z ENGINEERING WORKS	Internal Electrification of Permanent Guest house	COD	0.23	0.23		0.00			0.00			0.00			0.00			0.00
17	M/S BUHROO CONSTRUCTIIONS	Permanent GH Building.	COD	8.60	8.60		0.00			0.00			0.00			0.00			0.00
18	M/S CIVIL GROUP OF ENGINEERS	Boundary wall at Mastan, Dawar, Gurej	COD	0.06	0.06		0.00			0.00			0.00			0.00			0.00
19	HCC Limited	Major works-Civil (PH-Building : Propertionate Amt)	COD	66.32	66.32		0.00			0.00			0.00			0.00			0.00
20	Several Parties-EAC	EAC Liability-Several Parties-Detail Enclosed	COD	11.43	11.43		0.00			0.00			0.00			0.00			0.00
21	HCC Limited	Fair assessment of Contingent Liab.	COD	325.21	325.21		0.00			0.00			0.00			0.00			0.00
22	HCC Limited	Major Work-Civil	COD	267.99	267.99		0.00			0.00			0.00			0.00			0.00
23	HCC Limited	Major Work-HM	COD	1237.01	0.00		1237.01	1237.01		0.00			0.00			0.00			0.00
24	HCC Limited	Major Work-HM	COD	407.88	0.00		407.88	408		0.00			0.00			0.00			0.00
25	HCC Limited/PES/PARIS Motors	Major Work-Civil	COD	15.66	15.66		0.00			0.00			0.00			0.00			0.00
26	PES ENGINEERS PVT. LTD.	Major Work-Civil (Dam Toe)	COD	0.40	0.40		0.00			0.00			0.00			0.00			0.00
27	Several Parties-EAC	EAC Liability-Several Parties-Detail Enclosed	COD	164.05	164.05		0.00			0.00			0.00			0.00			0.00
28	HCC Limited	Major Work-EM	COD	264.84			264.84	264.84		0.00			0.00			0.00			0.00
29	HCC Limited	Major Work-EM	COD	2353.32			2353.32	2353.32		0.00			0.00			0.00			0.00
30	Several Parties-EAC	EAC Liability-Several Parties-Detail Enclosed	COD	33.13	33.13		0.00			0.00			0.00			0.00			0.00

SAKHORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 003407N

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Sl. No.	Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2019	Discharge	Reversal	As on 31.03.20	Discharge	Reversal	As on 31.03.21	Discharge	Reversal	As on 31.03.22	Discharge	Reversal	As on 31.03.23	Discharge	Reversal	As on 31.03.24
31	CHIEF ENGINEER, EM & RE WING, KASHMIR	Sub-Station -Residential Complex	COD	35.79	35.79		0.00			0.00			0.00			0.00			0.00
32	JCB INDIA LTD	JCB excavator	COD	2.00	2.00		0.00			0.00			0.00			0.00			0.00
33	BCC WATER FILTERATION SYSTEM	BCC water filtration plant	COD	1.73	1.73		0.00			0.00			0.00			0.00			0.00
34	MOHAMMAD YOUNIS KHAN	Water supply system TRT to Colony	COD	1.42	1.42		0.00			0.00			0.00			0.00			0.00
35	AGE BUILDERS	Water Boring	COD	0.19	0.19		0.00			0.00			0.00			0.00			0.00
36	BCC WATER FILTERATION SYSTEM	BCC water filtration plant	COD	0.84	0.84		0.00			0.00			0.00			0.00			0.00
37	BCC WATER FILTERATION SYSTEM	BCC water filtration plant	COD	0.16	0.16		0.00			0.00			0.00			0.00			0.00
38	ANTRIKSH TECHNOSYS PVT. LIMITED	Mobile Booster and Stabilizer and VHF Equip	COD	0.83	0.83		0.00			0.00			0.00			0.00			0.00
39	AB SEA CONTAINER PVT. LTD.	Purchase of Porta Cabin	COD	5.65	5.65		0.00			0.00			0.00			0.00			0.00
40	VIRTUAL ELECTRONICS COMPANY	RADAR BASED WATER LEVEL MEASUREMENT, SENSOR AND REMOTE DISPLAY WITH 4 - 20 MA RETRANSMISSION OUTPUT	COD	0.98	0.98		0.00			0.00			0.00			0.00			0.00
41	VIRTUAL ELECTRONICS COMPANY	RADAR BASED WATER LEVEL MEASUREMENT, SENSOR AND REMOTE DISPLAY WITH 4 - 20 MA RETRANSMISSION OUTPUT	COD	0.08	0.08		0.00			0.00			0.00			0.00			0.00
	Sub-Total (A)			**9162.83**	**3485.39**	**0.00**	**5677.44**	**5663.05**	**0.00**	**14.40**	**14.40**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
B. Liability pertaing to Add Cap from COD to 31.03.2019																			
1	GOUSIA ROAD CONSTRUCTION COMPANY	Two Lane Internal Road With Side Drain At Nhpc Colony, Kralpora	2018-19	11.50	11.50		0.00			0.00			0.00			0.00			0.00
2	HCC/CISF EAC	Building Containing Hydro Electric Generating Plant	2018-19	10.96	10.96		0.00			0.00			0.00			0.00			0.00
3	HCC	Building Containing Transmission Plant-Equipment	2018-19	3.00	3.00		0.00			0.00			0.00			0.00			0.00
4	M/S MOHAMMAD ASRAF GILKAR ENGINEERS & CONTRACTORS	Permanent C-Type Residential Quarter Including Water Supply And Sanitary Works-24 Quarters	2018-19	84.05	84.05		0.00			0.00			0.00			0.00			0.00
5	AB SEA CONTAINER PVT. LTD.	Portable Toilet Cabin 20'x10'x8' With 5 Toilet Seats And 5 Bath Showers	2018-19	0.51	0.51		0.00			0.00			0.00			0.00			0.00
6	M/S AALAM CONSTRUCTION	Temporary Structure Barrack/Accomodation For Cisf At Dam Site Gurej	2018-19	0.75	0.75		0.00			0.00			0.00			0.00			0.00
7	M/S TARIQ AHMAD BHAT	Temporary Barrack For Cisf Internal Electrification At Kralpora	2018-19	0.24	0.24		0.00			0.00			0.00			0.00			0.00
8	M/S AALAM CONSTRUCTION	Temporary Barrack For Cisf At Residential Comple> Dawar (Pkg-135)	2018-19	6.28	6.28		0.00			0.00			0.00			0.00			0.00
9	M/S AALAM CONSTRUCTION	Temporary Shed Toilet/Bathroom For Cisf At Gurej	2018-19	0.15	0.15		0.00			0.00			0.00			0.00			0.00
10	M/s Sikander Gulzar, Srinagar	Construction Of Two No. Watch Tower At Power House	2018-19	5.97	5.97		0.00			0.00			0.00			0.00			0.00
11	M/S BUHROO CONSTRUCTION	Permanent Bank & Post Office Building With Water Supply And Sanitary Works-Kralpora	2018-19	21.76	21.76		0.00			0.00			0.00			0.00			0.00
12	M/S ESCON ELECTRICALS, SRINAGAR	Internal Electrification Of Permanent C-Tpe Residential Building At Kralpora	2018-19	12.03	12.03		0.00			0.00			0.00			0.00			0.00
13	M/S T Z ENGINEERING WORKS, SRINAGAR	Internal Electrification Of Permanent Guest House Building At Kralpora	2018-19	10.01	10.01		0.00			0.00			0.00			0.00			0.00
14	M/S TARIQ AHMAD BHATT	Internal Electrification Of Bank & Post Office Building At Kralpora	2018-19	2.63	2.63		0.00			0.00			0.00			0.00			0.00
15	HCC	Dams And Barrages	2018-19	13.81	13.81		0.00			0.00			0.00			0.00			0.00
16	HCC/CISF EAC	Power Tunnels And Pipelines	2018-19	126.39	126.39		0.00			0.00			0.00			0.00			0.00

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ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009687N

Sl. No.	Party	Asset/Work	Year of actual capitalisation	Liability as on 31.03.2019	Discharge	Reversal	As on 31.03.20	Discharge	Reversal	As on 31.03.21	Discharge	Reversal	As on 31.03.22	Discharge	Reversal	As on 31.03.23	Discharge	Reversal	As on 31.03.24
17	HCC/PES ENGINEERS PVT. LTD.	HYDROMECHANICAL WORKS-DAMS AND BARRAGES	2018-19	102.91	0.00		102.91	102.91		0.00			0.00			0.00			0.00
18	HCC/CISF EAC	Main Generating Equipment : Unit-I	2018-19	3.78	3.78		0.00			0.00			0.00			0.00			0.00
19	HCC/CISF EAC	Main Generating Equipment : Unit-Ii	2018-19	3.78	3.78		0.00			0.00			0.00			0.00			0.00
20	HCC/CISF EAC	Main Generating Equipment : Unit-Iii	2018-19	3.78	3.78		0.00			0.00			0.00			0.00			0.00
21	HCC	Ehv Switchgear Systems	2018-19	272.20	0.00		272.20	272.20		0.00			0.00			0.00			0.00
22	M/s Yunis Khan, R/o Badyar Bala,Srinagar	Drinking Water Supply System From Trt Outlet To Nhpc Colony	2018-19	0.69	0.69		0.00			0.00			0.00			0.00			0.00
23	K.S.ENTERPRISES	Hp Desktop Computer Mt 280 G4 , With Colour Monitor Hp 18.5 Led (I7,8Gb,2666Mhz Ddr4 Ram, Win 10P8 -2 Nos	2018-19	1.48	1.48		0.00			0.00			0.00			0.00			0.00
24	K.S.ENTERPRISES	Printer -3 Nos	2018-19	0.22	0.22		0.00			0.00			0.00			0.00			0.00
25	SYSTEM SOFT INCLUSION	Radio P2P, 5Ghz To 5.5 Ghz Unlicensed-Make-Cambium, Model: Force 180-13 Nos	2018-19	0.56	0.56		0.00			0.00			0.00			0.00			0.00
26	SAB'S ENTERPRISES	Kent Ace Ro+Uv+Uf+T.D.S Control 15Ltr Capacity-7 Nos	2018-19	1.29	1.29		0.00			0.00			0.00			0.00			0.00
27	PATHAN ENTERPRISES	Gas Heater-5 Nos	2018-19	0.40	0.40		0.00			0.00			0.00			0.00			0.00
28	M. SONS	Juicer Cum Grinder, Make-Havells, Model No- Rigo	2018-19	0.05	0.05		0.00			0.00			0.00			0.00			0.00
29	AMIN ELECTRICALS	Heat Convector-15 Nos	2018-19	0.42	0.42		0.00			0.00			0.00			0.00			0.00
30	A M ENTERPRISES	Pillar Heater Double Rod Make Gopi (Sunfire)- 15 Nos	2018-19	0.63	0.63		0.00			0.00			0.00			0.00			0.00
	Total (B)	**Total**		702.23	327.12	0.00	375.11	375.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grand Total	**Grand Total**		9865.06	3812.51	0.00	6052.55	6038.15	0.00	14.40	14.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

For NHPC Limited

(M G Gokhale)
GM (Comml)

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Form-17

Operation and maintenance Expense

Name of the Generating **NHPC Limited**
Name of the Generating **Kishanganga 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)	**Not Applicable**
R& R Expenditure (b)	
IDC & IEDC (c)	
Capital cost considered for O&M expense (d)=(a)-(b)-(c)	
First year annualize O&M expenses @ 3.5% of above (e)=3.50% of (d)	
O&M expense for next year @ 4.77% of above (f)= 4.77% of (e)	
Additional O&M expenses due to 7th Pay Commission wage Revision	
Additional O&M expenses due to Minimum wage Revision	
Additional O&M expenses due to Goods and Service Tax (GST)	

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

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Limited

(M G Gokhale)
GM(Comml.)

Annex-I -Form-17

Operation and maintenance Expense for Existing Generating Stations

Name of the Petitioner :NHPC Limited

Name of the Generating Station :Kishanganga Power Station

(Amount in Lakh)

Description/Year	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
O&M Expenses considered by NHPC and escalated @ 4.77% pa as regulation 35(2)(a) of CERC Tariff Regulations' 2019	11894.10	12461.45	13055.86	13678.62	14331.09	15014.69
Additional O&M expenses due to 3rd Pay Revision Commission applicable to CPSUs	1628.30	1705.97	1787.34	1872.60	1961.92	2055.50
Additional O&M expenses due to Goods and Service Tax (GST)	734.24	769.26	805.96	844.40	884.68	926.88
Total O&M Expences		**14936.68**	**15649.16**	**16395.62**	**17177.69**	**17997.07**
Security Expences (Estimated)	6851.07	7177.87	7520.25	7878.97	8254.80	8648.55

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Limited

(M G Gokhale)
GM (Comml.)

Annexure-II to Form-17

Calculation of O & M Expenses

Name of the Petitioner: **NHPC Limited**

Name of the Generating Station: **Kishanganga HEP**

(. in lakh)

A	**Capital Expenditure incurred on the works covered within original scope**	
(i)	Capital Cost as on COD (i.e. 24.05.2018) (Excluding Un-discharged liability)	565928.76
(ii)	Balance Works of Original Scope from COD to 31.03.2019 (Excluding Un-discharged liability)(after adjusting de- capitalization)	4261.66
(iii)	De-capitalization from COD to 31.03.2019	26462.01
(iv)	Balance Works of Original Scope during 2019-24 (Refer Form-9A for the period 2019-24)	26462.01
(iv) (a)	Discharge of Liability upto 31.03.2024 (Refer Form-16 for the period 2018-19 and 2019-24)	15174.66
	Capital Expenditure within original scope up to Cut-Off date	611827.09
(v)	Less : R&R Expenses upto Cut off date (Ref Appendix -3)	17122.13
	Capital expenditure up to cut-off date for the purpose of O&M Expenses = (i)+(ii)-(iii)+(iv)-(v)	**594704.96**
B	**O&M Expnses as per Regulation 29(3)(d) of CERC Tariff Regulations, 2014**	
	O & M Expenses @ 2.5% p.a for 3 units (First full year)	**14867.62**
C	**O&M Expenses considered by NHPC**	
	O & M Expenses @ 2.0% p.a. for 3 units (First full year) **(N)**	**11894.10**
	Annual escalation (from second year after COD i.e. 2018-19) **(Esc)**	4.77%

ARORA VOHRA & CO. CHARTERED ACCOUNTANTS FRN. 009487N

Form-18

Details of Statutory Charges (If applicable)

Name of the Generating Company :NHPC Limited
Name of the Generating Stations: Kishanganga Power Station

Particulars	Unit Rate	10520.33	Amount Claimed
1	2	3	4
Electricity Duty	Not Applicable		
Water Cess	As per Jammu & Kashmir State Water Resources Regulatory Authority order no. 39/JKSWRRA of 2019 dated 02.04.2019, the water cess is levied to the projects located in J&K. The same is recovered from the beneficiaries in line with Regulation 44(10) of CERC Tariff Regulations, 2019. The details of the same will be submitted at the time of truing up of tariff.		

For Arora Vohra & Co.
Chartered Accountants

ARORA VOHRA & CO. CA FRN. 009487N CHARTERED ACCOUNTANTS

For NHPC Limited

(M G Gokhale)
GM (Comml.)

Form-19

Summary of Issue Involved in the petition

1	**Petitioner: NHPC Limited**					
2	**Subject:** 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, 24, 26 & 35 (2) of CERC (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for the period 2019-24 in respect of **Kishanganga Power Station**.					
3	**Prayer:** 11. Tariff of Kishanganga 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 & Conditions of Tariff) Regulations, 2019 issued on 07.03.2019. 12. Allow the deferred works of original scope up to 31.03.2024 as mentioned in para-5 (Part-B). 13. Allow the additional capitalization claimed during 2019-24 tariff period as claimed in para-6 (Part-B). 14. To allow the impact of wage revision and GST as additional O&M expenses as mentioned in para-7 (d) (Part-B). 15. To allow the estimated security expenses separately to be recovered from beneficiaries during 2019-24 as mentioned in para-7 (d) (Part-B). 16. The Annual Fixed Charges (AFC) of Kishanganga Power Station for the period 2019-24 has been worked out as ₹65231.53 lakh, ₹66311.91 lakh, ₹67650.62 lakh, ₹68807.52 lakh & ₹ 69910.07 lakh for the FY 2019-20, 2020-21, 2021-22, 2022-23, & 2023-24 respectively, as mentioned in para-9 (Part-B) above. The difference between the claimed AFC and that allowed by CERC vide order dated 28.10.2019 (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 & Conditions of Tariff) Regulations, 2019 and its subsequent amendments. 17. Allow reimbursement of filing fee of this petition as mentioned in para-10 (Part-B). 18. Allow reimbursement of expenses incurred on publication of notices in the application of tariff for the period 2019-24 as mentioned in para-11 (Part-B). 19. NHPC may be allowed to bill the Respondent for levies, taxes, duties, cess, charges, fee etc. if any, as mentioned in para-12 to 14 (Part-B) above. 20. Pass such other and further order / orders as are deemed fit and proper in the facts and circumstances of the case.					
4	**Respondents**					
	Name of Respondents:					
	1	Power Development Department- Jammu & Kashmir				
	2	Uttar Pradesh Power Corporation Ltd				
	3	Chhattisgarh State Power Distribution Co. Ltd.				
5	**Project Scope**	IC	330 MW			
		DE	1712.96 MU			
		FEHS	13%			
		AUX	1.20%			
		NAPAF	90%			
	Cost	Sanction Cost	Rs. 3642.04 Crs			
		Latest RCE	Rs. 5658.82 Crs (RCC recommended cost)			
	Commissioning	Unit/Station COD	24.05.2018			

Claim						
		2019-20	**2020-21**	**2021-22**	**2022-23**	**2023-24**
	AFC (Rs in lakh)	65,231.53	66,311.91	67,650.62	68,807.52	69,910.07
	Capital cost (Rs in lakh)	581,270.71	593,546.02	598,370.89	605,587.37	611,827.09
	Initial Spare	-	-	-	-	-
	NAPAF	90%				
	Design Energy	1712.96 MU				
	Any Specific					

For NHPC Limited

(M G Gokhale)
General Manager (Comml.)

ANNEX-III

ANNEX-III

CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI

Petition No.43/GT/2018

Coram:

Shri P.K.Pujari, Chairperson
Dr. M.K.Iyer, Member
Shri I.S.Jha, Member

Date of Order: 28th October, 2019

In the matter of

Approval of tariff of Kishanganga HE Project (330 MW) for the period from anticipated COD of Units- I & II to 31.3.2019 in terms of the CERC (Terms and Conditions of Tariff) Regulations, 2014

And

In the matter of

NHPC Limited
NHPC Office Complex,
Sector-33, Faridabad - 121003 **...Petitioner**

Vs

1. Power Development Department,
New Secretariat, Jammu - 180001 (J&K)

2. Uttar Pradesh Power Corporation Ltd.
Shakti Bhavan, 14 - Ashok Marg,
Lucknow - 226001 (Uttar Pradesh)

3. Chhattisgarh State Power Distribution Co. Ltd.
Vidyut Seva Bhavan, Danganiya
Raipur - 492013 (Chhattisgarh) **...Respondents**

Parties present:

Shri Piyush Kumar, NHPC
Shri A.K. Pandey, NHPC
Shri Jitendra Kumar Jha, NHPC
Ms. Seema, NHPC

ORDER

Kishanganaga Hydroelectric project, which comprises of 3 units of 110 MW each (hereinafter called 'the generating station') is located in the Bandipora District of Jammu & Kashmir and is a run of the river with pondage scheme envisaging diversion of water of Kishanganga (a tributary of river Jhelum) into an underground power house and discharging the tail race water into Wular Lake. The generating station was handed over to the Petitioner for execution by the State Government through MOU signed between the Government of J&K and MOP, GOI in July, 2000. Thereafter, on 20.7.2007, the Ministry of Power conveyed the sanction of Government of India for construction of the generating station at the cost of ₹2238.67 crore (including IDC & FC of ₹165.12 crore) at November 2005 price level. Subsequent to sanction of the Project, major works were awarded to HCC-Halcrow on turnkey basis through International Competitive Bidding at an award price of ₹2919.07 crore. However, due to variation between the sanctioned cost and the award cost, a fresh proposal for revised CCEA approval was processed. Accordingly, the revised CCEA approval was accorded on 14.1.2009 for a total cost of ₹3642.04 crore including IDC & FC of ₹8.52 crore at September, 2007 price level. The revised construction schedule was 84 months and the station was scheduled for commissioning in January, 2016.

2. The Petitioner has filed this petition for determination of tariff of the generating station for the period from the anticipated date of commercial operation of Units-I & II (31.1.2018) and Unit-III (28.2.2018) till 31.3.2019, in terms of the provisions of the CERC (Terms & Conditions of Tariff) Regulations, 2014 (hereinafter called 'the 2014 Tariff Regulations'). Thereafter, the Petitioner vide affidavit dated 14.6.2018 submitted that the actual date of COD of Unit-I was

18.5.2018 and of Units- II & III, it is 24.5.2018. It also submitted that the allocation of power from the project was notified by the MOP, GOI on 31.5.2018. The Petitioner further submitted that as per audited books of accounts, the actual expenditure upto 31.3.2018 is ₹5345.73 crore (excluding liabilities of ₹152.24 crore). The Petitioner, however, prayed that the Commission may consider the project cost of ₹5704.23 crore (audited project cost of ₹5345.73 crore and normative IDC of ₹358.50 crore upto 31.3.2018) for grant of interim tariff. Accordingly, the Commission vide para no. 13 of its order dated 7.8.2018 had granted interim tariff (based on 85% of cash expenditure of ₹534573.73 lakh as per balance sheet as on 31.3.2018) as under:

(₹ in lakh)

	18.5.2018 to 23.5.2018	**24.5.2018 to 31.3.2019**
	COD of Unit-I	**COD of Units-II & III/Station COD)**
Capital cost as on actual COD based on audited balance sheet as on 31.3.2018	178191.24	534573.73
85% of the above capital cost	151462.56	454387.67
Closing capital cost	**151462.56**	**454387.67**

3. The fixed charges allowed for the interim period by the said order dated 7.8.2018 was subject to adjustment after determination of final tariff of the generating station. The Petitioner was, however, directed to revise the petition based on the actual expenditure till actual COD of the units/station and to furnish at least one of the following documents prior to the determination of final tariff of the generating station:

a) DIA report on vetting of capital cost

b) RCE approved by CEA/MOP/PIB/CCEA

4. In terms of the above directions, the Petitioner has filed revised tariff filing forms based on the actual capital expenditure upto the actual COD of the

generating station. The DIA has also submitted its recommendations on the capital cost of the generating station as on COD and the Petitioner vide its affidavit dated 29.3.2019 has furnished the same along with Revised Cost Estimate (RCE) approved by CEA. Copies of the same have been served on the beneficiaries.

5. In compliance with the directions of the Commission, the Petitioner has filed the additional information and has served copies of the same on the Respondents. Replies to the Petition have been filed by the Respondent, UPPCL by affidavit dated 2.4.2018 and Respondent, CSPDCL vide its affidavits 5.4.2019. The Petitioner has filed its rejoinder to the said reply of UPPCL. The annual fixed charges claimed by the Petitioner vide affidavit dated 18.1.2018 has been revised by the Petitioner in terms of its affidavit dated 29.3.2019. Based on the submissions of the parties and the documents available on record, we proceed to determine the tariff of the generating station for the period 2014-19, on prudence check, 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 (2) of Regulation 9 provides as under:

> *"9(2) The Capital Cost of a new project shall include the following:*
>
> *(a) the expenditure incurred or projected to be incurred up to the date of commercial operation of the project;*
>
> *(b) Interest during construction and financing charges, on the loans (i) being equal to 70% of the funds deployed, in the event of the actual equity in excess of 30% of the funds deployed, by treating the excess equity as normative loan, or (ii) being equal to the actual amount of loan in the event of the actual equity less than 30% of the funds deployed;*

(c) Increase in cost in contract packages as approved by the Commission;

(d) Interest during construction and incidental expenditure during construction as computed in accordance with Regulation 11 of these regulations;

(e) capitalised Initial spares subject to the ceiling rates specified in Regulation 13 of these regulations;

(f) expenditure on account of additional capitalization and de-capitalisation determined in accordance with Regulation 14 of these regulations;

7. As stated, the generating station was handed over to the Petitioner for execution by the State Government through MOU signed between Govt. of J&K and MOP, GOI in July 2000. The MOP vide its letter dated 20.7.2007 had conveyed the sanction of GOI for construction of the generating station at the cost of ₹2238.67 crore (including IDC & FC of ₹165.12 crore) at November, 2005 price level. Subsequent to this, major works were awarded to M/s Kishanganga Consortium (HCC-Halcrow) on turnkey basis through ICB. Though the award price was ₹2919.07 crore, a fresh proposal for revised CCEA approval was processed due to variation between the sanctioned cost and the award cost. Accordingly, the RCE of ₹3642.04 crore including IDC & FC of ₹8.52 crore was approved by CCEA on 14.1.2009 at September, 2007 Price Level. The DIA M/s Tata Consulting Engineers Limited in its report on vetting of capital cost has recommended capital cost of ₹5840.97 crore (including cost of Dam Toe Power house & IDC) in which ₹ 5347.04 crore has been incurred upto the COD of the generating station. Further, RCE-II with completion cost of ₹584097 lakh has been examined by CEA on 8.2.2019 and has allowed the completion cost of ₹575593 lakh, including the hard cost of ₹567836 lakh and IDC & FC of ₹7757 lakh, but excluding cost of ₹2556 lakh towards Dam Toe Power House. Accordingly, the capital cost claimed by the Petitioner as on the COD of unit and the generating station, excluding un-discharged liabilities is as under:

(₹ in lakh)

Capital cost	As on 18.5.2018 (COD of Unit-I)	As on 24.5.2018 (COD of Units- II & III /Station COD)
Hard Cost	167354.29	536457.28
IDC	2573.14	7737.44
Normative IDC	12244.42	36805.52
Financial Charges	6.52	19.56
Total Capital Cost	**182178.37**	**581019.80**
Less: Undischarged liability	6706.28	15111.21
Capital cost for the purpose of tariff	**175472.09**	**565908.59**

8. The IDC amount shown above includes the normative IDC of Rs 36805.52 lakh minus Rs. 2198.33 lakh, which was capitalized in the book of accounts as primarily notional impact.

Time and cost overrun

9. The scheduled COD of the generating station is 14.1.2016 i.e. 84 months from date of revised sanction cost of 14.1.2009. Thus, there is time over run of 28 months as on actual COD of the generating station (24.5.2018) from the scheduled COD. The Petitioner has furnished reasons/ justification for the time and cost overrun involved in the commissioning of the project along with PERT chart showing critical path of the project. The main factors responsible for time overrun as considered by DIA in its report are as under:

Sl. No.	Description	Total months
1.	Filling of reservoir as per Indus water treaty	6.5
2.	Intermittent bandhs in Kashmir valley in the year 2010	2.5
3.	Uncertainty in the decision of International court of arbitration during 2012-13	8

10. As stated, the project cost sanctioned by MOP, GOI in January 2009 is ₹3642.04 crore at September 2007 Price level. The revised capital expenditure and cost incurred up to 24.5.2018 (COD) is ₹5840.97 crore (including Dam Toe

powerhouse of ₹27.46 crore) and ₹5347.04 crore respectively. Thus, there is a cost overrun of ₹2198.92 crore in the completion of the project. The main contributing factor for upward revision of the cost, as stated by the Petitioner, is on account of the increase in the cost of Civil Works by ₹1920.11 crore, E & M works by ₹208.45 crore and IDC & FC by ₹70.35 crore.

11. Regulation 10(2) of the 2014 Tariff Regulations inter alia provides that the Commission may issue guidelines for vetting of the capital cost of the hydroelectric projects by an independent agency or experts and in that event, the capital cost as vetted by the said agency or expert may be considered by the Commission while determining tariff. In pursuance of the above, the Commission has notified the guidelines for vetting of capital cost on 2.8.2010 as amended from time to time. The Petitioner had appointed M/s Tata Consulting Engineers Limited as DIA for vetting of capital cost and the DIA has submitted its report on time and cost overrun during December, 2018. After considering the submissions of the Petitioner, the DIA in the said report had observed as under:

> *"It is observed that there is a major delay in almost all the works except the HRT excavation by TBM reach which has been completed before 06 month of the schedule planned. These delays are majorly due to international court of arbitration interference, social and environmental disturbances in the project.*
>
> *The project was commissioned in May 2018 and hence there is a total time overrun of 28 months 11 days vis-a-vis the scheduled commissioning i.e., commercial production of energy. Major delays are due to delay in filling of reservoir as per Indus water treaty (6.5 Months), intermittent bandhs in Kashmir valley (2.5 Months delay) in the year 2010, due to the uncertainty in the decision of International court of arbitration during 2012-13 (8 months delay), due to the unrest in the valley (12 months delay), remaining other minor delays occurred due to the labour strikes, landslides, heavy rains, strikes from the locals for employment.*
>
> *It may not be out of place to mention that Kishanganga HEP is the Major Hydro project to be developed in the Gurez valley near to line of control under very treacherous terrain and hostile climatic conditions with poor logistics."*

12. After analysing the reasons for time and cost overrun, the DIA in its report has made the following conclusions:

"i) The project cost of Kishanganga HEP including IDC & FC sanctioned by GOI in January 2009 was Rs. 3642.04 Crores at September 2007 Price level. The project was started in January 2009 and was scheduled to be commissioned in January 2016 i.e., with an originally envisaged construction period of 84 months (about 7 years). Project was commissioned in May 2018, with a delay of 28 months and 11days. Project cost has been revised to Rs. 5840.97 Crores (including dam toe powerhouse) at May 2018 PL submitted for the approval of CEA/GOI.

ii) The major works of the project viz., Civil, Hydro-mechanical and Electrical works were carried out through Turnkey execution. The combined contract value of the all the packages was Rs. 2919.07 Crores at the time of award of contract as sanctioned by GOI as 1st RCE which was revised to Rs. 3952.51 Crores in the revised 2nd RCE at May 2018 PL out of which Rs. 3822.50 Crores works have been completed and balance amount of Rs. 130.01 Crores contribute to the works which are pending as on COD. Thus, the contract value is actually higher than the sanctioned estimates in 1st RCE by Rs. 1033.44 Crores (35.40%).

iii) The maximum variation in contract value vis-a-vis the sanctioned estimate is under civil works amounting to Rs. 715.40 Crores. The increase in contract value is mainly due to price escalations, exchange rate variations, increase in land costs, addition of new items which were not included during the estimation stage and other minor changes due to remoteness of the location and inhospitable climate and terrain.

iv) The revised completion cost of Kishanganga HEP (May 2018PL) is Rs. 5840.97 Crores (including the cost of dam toe power house amounting to Rs 27.46 Crores). Out of Rs. 5840.97 Crores, works for Rs.5347.04 Crores have been completed as on COD and a balance works of Rs. 493.93 Crores is estimated to be completed. Thus, there is a cost overrun of Rs. 2198.92 Crores for this project. The major increases are due to Price escalation in civil works, inadequate price estimations & over expenditure in Establishments works, increase in the land cost and R & R package, price escalations and exchange rate variation in Power plant equipment's, additional works carried out in environment and ecology than sanctioned amount and increase in IDC & FC due to delay in commissioning of the project.

v) The overall abstract of cost under various head are shown below:

Sl. No.	Description of works	Sanctioned amount	Works Completed as on COD	Works Pending on COD	Total 2nd RCE as on COD
a)	Civil works	2121.14	2822.20	38.05	2860.25
b)	Establishment	145.87	693.51	11.73	705.24
c)	Land costs	225.63	399.39	105.86	505.24
d)	Power Plant-E & M Equipment	487.14	608.69	86.90	695.59
e)	Environment & Ecology	49.77	126.19	64.68	190.87
f)	H & M works	199.76	269.90	26.19	296.09
g)	IDC&FC	8.52	77.57	1.30	78.87
h)	Others	404.23	349.59	159.23	508.82
	Total	**3642.06**	**5347.04**	**493.93**	**5840.97**

vi) The project was commissioned in May 2018 with a time overrun of 28 months 11 days. The delay in the commissioning is attributable mainly due to intermittent bandhs/ unrest in Kashmir valley and uncertainties in the decision of International court of arbitration (Year 2012-13). Minor delays occurred due to the labour strikes, landslides, heavy rains and strikes from the locals for employment at

various times during construction. The time overrun of 28 months 11 days has resulted in cost overrun of the project.

vii) The overall cost per MW for Kishanganga HEP (3 X 110 MW) and Dam toe Power house (2.4 MW) amounts to Rs. 17.62 Crores and Rs. 11.44 Crores respectively. The cost per MW for Kishanganga HEP (3 X 110 MW) including the dam toe powerhouse (2.4 MW) amounts to Rs. 17.57 Crores. The amount of expenditure incurred on the completed works per MW as on COD for Kishanganga HEP (3X110 MW) amounts to Rs. 16.20 Crores.

viii) From the review of available data and comparing the cost with the similar other executed projects in the J&K, capital cost of the project (Rs. 5840.9 Crores) and the cost incurred as on COD (Rs. 5347.04 Crores) appears to be reasonable especially keeping in view of remoteness of the project site, inclement weather conditions, snow covered dam site (almost 6 months), proximity to international border, adverse law & order situations and due to the international water disputes."

13. We have examined the matter. As stated, the provisions of Regulation 10(2) of the 2014 Tariff Regulations and the guidelines for vetting of capital cost issued by the Commission provide that the Commission may consider the capital cost as vetted by the DIA, while determining the tariff of the hydro generating companies. It is noticed that DIA has vetted the capital cost as on COD for ₹534704 lakh (excluding Normative IDC). The Petitioner has claimed capital cost of ₹565908.59 lakh (including Normative IDC of ₹36805.52 lakh as on COD of the generating station). The RCE of ₹584097 lakh as submitted by the Petitioner to MOP, GOI was examined in detail and vetted by CEA and CWC. CEA has vetted capital expenditure of ₹533579 lakh as on COD and the completion cost of ₹575593 lakh excluding cost of ₹2556 lakh for Dam Toe Power House. After considering the CEA recommended cost and on detailed scrutiny of the report of DIA and on prudence check, we are of the considered view that the time overrun of 28 months and 11 days and the cost overrun involved in the generating station is not attributable to the Petitioner. Accordingly, the time & cost overrun has been condoned and the CEA recommended cost of ₹533579 lakh (as on 24.5.2018) and the completion cost of ₹575593 lakh, excluding the cost of ₹2556 lakh for Dam Toe

Power House is allowed for the purpose of tariff, subject to approval of RCE from MOP, GOI. In case of RCE is approved by MOP GOI, the same shall be brought to the notice of the Commission.

14. It is noticed that the capital cost of ₹565908.59 lakh claimed by the Petitioner as on COD of the station includes ₹44562.53 lakh of Soft cost (including Normative IDC of ₹36805.52 lakh and Financing Charges of ₹19.56 lakh). The same is being dealt in the following para.

IDC and Normative IDC

15. The Petitioner has furnished the details of the amount, date of drawl, rate of interest etc. in respect of loans. In addition to above and in terms of Regulation 9 (2) (b) (ii) of the 2014 Tariff Regulations, the Normative IDC (up to SCOD) over and above the actual IDC has been worked out, considering the quarterly debt-equity position corresponding to actual cash expenditure as per Form-14A. It is pertinent to mention that the Petitioner has drawn subordinate debt amounting to ₹267667 lakh up to the COD. However, there is no interest on the subordinate debt during construction and the interest which accrues shall be paid annually after commissioning. Accordingly, IDC and normative IDC have been allowed as under:

(₹ in lakh)

	As on 18.5.2018 (Unit-I)	As on COD of the station (24.5.2018) - (all units)
IDC	2573.14	7737.44
Normative IDC	1450.51	4351.52
Total	**4023.65**	**12088.96**

Financial Charges

16. The Petitioner has claimed financial charges for ₹19.56 lakh as on COD of the generating station and the same has been considered in the capital cost.

Capital Cost considered for tariff

17. Based on the above, the capital cost as on COD of unit/station worked out as under:

(₹ in lakh)

	As on 18.5.2018 (Unit-I)	As on COD of the station (24.5.2018) (all units)
Hard Cost	167354.29	536457.28
IDC	2573.14	7737.44
Normative IDC	1450.51	4351.52
FC	6.52	19.56
Total Capital cost	**171384.46**	**548565.80**
Liabilities	6706.28	15111.21
Net Capital Cost	**164678.18**	**533454.59**

18. After accounting for the allowed normative IDC of ₹4351.52 lakh, the completion cost of the project works out to ₹579944.52 lakh (i.e. CEA recommended completion cost of ₹575593 lakh and allowed Normative IDC of ₹4351.52 lakh). As such, the above capital cost as on CODs of unit/station as worked out at para 17 above is well within the completion cost of ₹579944.52 lakh. Accordingly, the same is allowed for the purpose of tariff.

Additional Capital Expenditure

19. The Petitioner has not claimed any additional capital expenditure for the period from 24.5.2018 to 31.3.2019.

20. The Petitioner has submitted the audited balance sheet of ₹529505.54 lakh as on 30.6.2018. However, the Petitioner has not furnished the audited capital cost as on COD of the Unit-I (18.5.2018) and COD of the generating station (24.5.2018). The Petitioner is granted liberty to submit the auditor certificate of capital cost as on COD of Unit-I and of the generating station at the time of truing up of tariff in terms of Regulation 8 of the 2014 Tariff Regulations.

Capital Cost for 2014-19

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

(₹ in lakh)

	18.5.2018 to 23.5.2018 (Unit-I)	24.5.2018 to 31.3.2019 (Units I, II & III)
Opening Capital Cost	164678.18	533454.59
Additional Capitalization	0.00	0.00
Closing Capital Cost	164678.18	533454.59

22. The Petitioner has not indicated expenditure for initial spares in revised Form 5 B of the Petition. The Petitioner is directed to furnish the details of initial spares at the time of truing up.

Debt-Equity Ratio

23. 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."*

24. Accordingly, the debt equity ratio of 70:30 has been considered in terms of the above regulations.

Return on Equity

25. 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.

26. 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."

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

(₹ in lakh)

	18.5.2018 to 23.5.2018 (Unit-I)	24.5.2018 to 31.3.2019 (Unit I, II & III)
Opening Equity	49403.45	160036.38
Addition due to Add Cap	0.00	0.00
Closing Equity	49403.45	160036.38
Average Equity	49403.45	160036.38
Return on Equity (Base Rate)	16.500%	16.500%
Tax rate for the year	20.961%	20.961%
Rate of Return on Equity (Pre Tax)	20.876%	20.876%
Return on Equity (Pre Tax)	169.54	28558.00

Interest on loan

28. 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."

29. The salient features for computation of interest on loan is as under:

i) The opening gross normative loan as on COD has been arrived at in accordance with Regulation 26 of the 2014 Tariff Regulations.

ii) The weighted average rate of interest has been worked out on the basis of the actual loan portfolio of the respective year applicable to the generating station.

iii) The repayment for the year 2018-19 has been considered equal to the depreciation allowed for that year.

iv) Interest on loan has been calculated on the normative average loan of the year by applying the weighted average rate of interest.

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

(₹ in lakh)

	18.5.2018 to 23.5.2018 (Unit-I)	24.5.2018 to 31.3.2019 (Unit I, II & III)
Gross Normative Loan	115274.72	373418.21
Cumulative Repayment up to Previous Year	0.00	40.61
Net Loan-Opening	115274.72	373377.61
Repayment during the year	40.61	6839.91
Additional Capitalization	0.00	0.00
Net Loan-Closing	115234.12	366537.70
Average Loan	115254.42	369957.65
Weighted Average Rate of Interest on Loan	0.43%	1.42%
Interest on loan	**8.12**	**4480.14**

Depreciation

31. 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 on1.4.2014 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."

32. Regulation 47 of the 2014 Tariff Regulations provides as under:

> *"**47. Norms to be ceiling norms:** Norms specified in these regulations are the ceiling norms and shall not preclude the generating company or the transmission licensee, as the case may be, and the beneficiaries and the long-term transmission customers /DICs from agreeing to the improved norms and in case the improved norms are agreed to, such improved norms shall be applicable for determination of tariff."*

33. The Petitioner has submitted that since the major loan portion in respect of the generating station is the subordinate debt, the repayment of the same will start only from 11th year after COD of the generating station. Accordingly, the

Petitioner has the leverage of adopting a lower depreciation rate during the initial period of 10 years in deviation to the norms specified by the Commission. However, in order to moderate the tariff of the generating station in the initial years and to give considerable relief to the Respondents, the Petitioner has adopted a depreciation rate of 1.50% in the initial period of 10 years against the calculated depreciation rate of 5.00%. From the 11th year onwards, the Petitioner shall apply depreciation rate of approx. 3% (i.e. spreading of balance depreciation in 25 years) so that total 90% of the cost is recovered in 35 years. Accordingly, depreciation has been computed as under:

(₹ in lakh)

	18.5.2018 to 23.5.2018 (Unit-I)	24.5.2018 to 31.3.2019 (Units I, II & III)
Opening Gross Block	164678.18	533454.59
Additional Capitalization	0.00	0.00
Closing Gross Block	164678.18	533454.59
Average Gross Block	164678.18	533454.59
Rate of Depreciation	1.50%	1.50%
Depreciable Value	148210.36	480109.13
Remaining Depreciable Value	148210.36	480068.53
Depreciation	**40.61**	**6839.91**

Operation and Maintenance Expenses

34. 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."*

35. The Petitioner has prayed that O&M expenses may be allowed at the rate of 2% as against 2.50% specified under the above said regulations. It is noticed that the Commission after considering the submissions of the Petitioner and the

Respondent, UPPCL has allowed the O&M expenses at the rate of 2% of the original project cost for the reasons stated in its order dated 7.8.2018. The relevant portion is extracted hereunder:

> *"20. However, with regard to the reduced O&M norm of 2% as proposed by the petitioner, the respondent, UPPCL has proposed that for the year 2018-19, the allowable O&M expenses shall not exceed `96.69 crore based on the O&M expenses of similar projects. This proposal of the respondent has not been agreed to by the petitioner on the ground that it has already reduced the norm to 2% of the original project cost. As such, Commission is not inclined to accept the proposal of UPPCL with regard to further lowering of the O&M expenditure in comparison to the reduced norm acceptable to the petitioner.*
>
> *21. In view of the fact that the proposal of the petitioner provides benefits to the respondents by way of reduction in tariff as compared to the CERC norms, the Commission is inclined to allow the depreciation rate of 1.50% for the first ten years and O&M expenses for the first year of operation at the rate of 2% of the original project cost...."*

36. In view of the above, the O&M expenses @ 2% of the original project cost (excluding cost of R&R works) has been considered in this order.

37. Since the project cost as on the cut-off date of the generating station i.e. 31.3.2021 is not available, the capital cost as on 31.3.2019 has been considered for the purpose of O&M expenses. The Petitioner has indicated an amount of Rs 39937.69 lakh towards Rehabilitation and Resettlement cost as on COD of the generating station and the same is considered for the calculation of the admissible O&M expenses. Based on the above, the O&M expenses allowed for the period 18.5.2018 to 31.3.2019 is worked out as under:

(₹ in lakh)

	18.5.2018 to 23.5.2018 (Unit-I)	**24.5.2018 to 31.3.2019 (Units I, II & III)**
Capital cost considered as on COD of Units/station	164678.18	533454.59
Less: R&R expenses	13312.56	39937.69
Capital cost for the purpose of O&M expenses	151365.62	493516.90
Annualized O&M expenses @ 2% of above	3027.31	9870.34

Number of days	6	312
O&M expenses allowed	**49.76**	**8437.11**

The O&M charges for Unit-I have been computed based on the actual expenditure as on COD and considering R&R expenses on prorata basis.

Interest on working capital

38. 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

39. 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."*

40. Accordingly, in terms of the above regulations, Interest on working capital has been calculated as under:

(₹ in lakh)

	18.5.2018 to 23.5.2018 (Unit-I)	24.5.2018 to 31.3.2019 (Unit I, II & III)
Maintenance Spares	7.46	1265.57
O & M expenses	4.15	703.09
Receivables	45.84	8260.52
Total	57.45	10,229.18
Interest Rate	12.20%	12.20%
Interest on Working Capital	**7.01**	**1247.96**

Annual Fixed Charges

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

(₹ in lakh)

	18.5.2018 to 23.5.2018 (Unit-I)	24.5.2018 to 31.3.2019 (Units I, II & III)
Return on Equity	169.54	28558.00
Interest on Loan	8.12	4480.14
Depreciation	40.61	6839.91
Interest on Working Capital	7.01	1247.96
O & M Expenses	49.76	8437.11
Total	**275.04**	**49563.12**

Normative Annual Plant Availability (NAPAF)

42. The Commission in its order dated 7.8.2018 has considered the NAPAF of 90% in terms of the 2014 Tariff Regulations as under:

> *"24. Kishanganga is a run of the river with pondage type hydro project. NAPAF of such stations as per 2014 Tariff Regulations is 90%. Further allowance of 5% has been stipulated in these regulations for the projects affected by the silt. The petitioner has claimed NAPAF of 85% without giving any details with respect to the likely silt level and number of days for which plant would be required to be stopped due to high silt level. As such, in absence of such details, the NAPAF of 85% as adopted by the petitioner is not acceptable and accordingly NAPAF of 90% is fixed as per 2014 Tariff Regulations. However, the petitioner is directed to collect data for one year with respect to silt level, number of days silt has affected the plant operation and the impact of the same on PAF, based on which Commission may consider down ward revision of NAPAF."*

43. Accordingly, the NAPAF of 90% has been allowed for the generating station for the period 2018-19.

Design Energy (DE)

44. CEA while granting Techno-Economic Clearance for the project has approved the DE of 1712.96 MUs and the same has been approved by the Commission in its order dated 7.8.2018. The month- wise break up of DE is as under:

Months	10 days monthly Design Energy	Design Energy (MUs)
April	I	75.24
	II	75.24
	III	75.24
May	I	75.24
	II	75.24
	III	82.76
June	I	75.24
	II	75.24
	III	75.24
July	I	75.24
	II	75.24
	III	82.76
August	I	69.00
	II	65.39
	III	63.16
September	I	53.55
	II	52.97
	III	48.14
October	I	47.73
	II	49.71
	III	47.89
November	I	19.64
	II	17.36
	III	16.73
December	I	6.61
	II	4.48
	III	3.60
January	I	8.64
	II	8.71
	III	9.24
February	I	11.85
	II	13.22
	III	10.51
March	I	37.82
	II	46.89
	III	82.19
Total		**1712.96**

45. The DE as aforesaid has been considered for the generating station for the period 2018-19.

Application Fee and Publication Expenses

46. The Petitioner has sought reimbursement of filing fee and also the expenses incurred towards publication of notices for application of tariff for the period 2018-19. The Petitioner has deposited the filing fees for the period 2018-19 in terms of the provisions of the Central Electricity Regulatory Commission (Payment of Fees) Regulations, 2012. The Petitioner has also submitted that it has incurred charges towards publication of the tariff petition in the newspapers. Accordingly, in terms of Regulation 52 of the 2014 Tariff Regulations, the Petitioner is entitled to recover filing fees and the expenses incurred on publication of notices directly from the respondents on production of documentary proof, directly recovered from the respondent beneficiaries on pro rata basis. Excess amount, if any, shall be adjusted against the petition to be filed for the next tariff period.

47. The annual fixed charges approved for the period 2018-19 as above are subject to revision based on the truing-up exercise in terms of Regulation 8 of the 2014 Tariff Regulations.

48. Petition No. 43/GT/2018 is disposed of in terms of the above.

Sd/-	**Sd/-**	**Sd/-**
(I.S.Jha)	**(Dr. M.K.Iyer)**	**(P.K.Pujari)**
Member	**Member**	**Chairperson**

ANNEX-IV

ANNEX-IV

Annexure VII (A)

KISHANGANGA POWER STATION

DETAILS OF CONTINGENT LIABILITIES AS ON 31.03.2019

Sl. No.	Status of the Claim	PARTICULARS	NAME OF PARTY	Category of Agency (a:Central Govt. departments , b: State Govt. departments or Local Bodies, c: CPSEs, d: Others)	Claim Amount					Amount of claim where outflow is probable & reliable estimate can be made (Provision made in Books of A/cs)			Amount of claim where no Probability of outflow & Claim neither Recognised as Provision nor Disclosed as Contingent Liability (figure in column 7 &	Contingent Liability (Possible outflow/ No Reliable estimate can be made)		Reduction from Opening Contingent Liability during the period/year	LIKELY REIMBURSEMENT TO BE MADE BY THIRD PARTY	REASONS FOR NON-ACCEPTANCE	PRESENT STATUS
					Original Claim Amount of the Party	Opening Amount of claim as on 01.04.2018	Addition of claim during the period on account of new claims/updation of old claims including interest	Settlement (Adjustment/Reduction of claim during the period/year	Closing balance of claim as on 31.03.2019	Opening Provision as on 01/04/2018	Addition/ (Reduction) in provision during the period/year	Closing Provision as on 31/03/2019		Opening Contingent Liability as on 01/04/2018	Closing Contingent Liability as on 31/03/2019				
1	2	3	4	5	6	7	8	9	10=(7+8-9)	11	12	13=(11+12)	14	15	16=(10-13-14)	17	18	19	20
a.		CAPITAL WORKS																	
a)		CASES AGAINST WHICH ARBITRATION AWARD/ COURT ORDER HAS BEEN PASSED																	
b)		CASES UNDER ARBITRATION/ADJUDICATION.																	
1		Compensation towards the additional costs incurred and/or losses suffered by HCC during the extended period since inception to 21.01.2016	HCC Ltd	d) others	2812368631	2812368631	557631369	0	3370000000	32520659	0	32520659	0	2779647972	3337479341	0	0		Case is under arbitration and first hearing was held on 23.07.2018. In which it is decided that witnesses of respondent/ claimant were heard on 15 and 16 Oct. Of 2018 and witnesses of respondent was heard on 25 Oct. 2018. Further, next proceeding was held on 5th 6th and 18th Dec. 2018 in which final submission of claimant and respondent was submitted Final hearing was completed and award is awaited Award is expected to be made in next 6 Months.
d)		CASES UNDER EXAMINATION BY THE MANAGEMENT						0											
1		Cost claim of HCC Ltd for extended period from 22.01.2016 to 13.12.2016	HCC Ltd.	d) others	1561281690	1561281690	0	0.00	1561281690	0	0	0	0	1561281690	1561281690	0	0		HCC submitted its claim vide letter dated 30.03.2017 and after examination at Power station some clarification/documentary evidences were sought from HCC vide letter no. NHW/GGM/61.01/2017/243 Dated 18/06/2017. The contractor once again vide letter no NHW/GCE(C)/C61.01/5786 dated for submitting the requisite document which are still awaited
2		Cost claim of HCC Ltd for extended period from 14-12-2016 to 28-03-2018 (submitted on 15-02-2019)	HCC Ltd	d) others	2133649354	0	2133649354	0.00	2133649354	0	0	0	0	0	2133649354	0	0	0	HCC Submitted its claim vide letter dated 15-02-2019
3		Additional Cost incurred and / or loss suffered by HCC for execution of HM works (INR)		d) others	145994	145994	0	0	145994	0	0	0	0	145994	145994	0	0		HCC submitted the claim vide letter no 50/BM dated 14-09-2015. The claim was got examined and evaluated by standing committee. The claim under head 7 out of eight has been rejected and intimated to contractor on 18/10/2018. The claim under head "Suspension of radial gate design and engineering due to Indus Water Treaty issues" has been evaluated as Euro 1,08,000 and forwarded from KGPS for review by Committee and approval of CMD in accordance with clause no 2.7 & 2.8 of circular no. CCW/30/2014 dated 20-12-2014
3		Additional Cost incurred and / or loss suffered by HCC for execution of HM works (EURO 3273928 claim Converted to INR)		d) others	Euro 3273928	266857871	-8064561	0	2575933310	0	0	0	0	266857871	2575933310	0	0		
4		Compensation towards the additional costs incurred suffered by Halcrow Group Limited (Kishanganga Consortium Partner) on account of Extension of Contract period (Claim in INR) for the period 22.01.2016 to 13.12.2016.	Halcrow Group Limited	d) others	60651289	60651289	0	0	60651289	0	0	0	0	60651289	60651289	0	0		M/s Halcrow has been asked to provide the details in support of its claim which is still awaited. M/s Halcrow is again directed to comply with the provisions of the contract in support of its claims vide letter dated 20-01-2018. M/s Halcrow vide letter no. 975 dated 15.06.2018 is again requested to submit the clarification and documentry proof which is still awaited
5		Compensation towards the additional costs incurred suffered by Halcrow Group Limited (Kishanganga Consortium Partner) on account of Extension of Contract period (EURO 238011 claim converted to INR) for the period 22.01.2016 to 13.12.2016.	Halcrow Group Limited	d) others	Euro 238011	19400277	-673572	0	18726705	0	0	0	0	19400277	18726705	0	0		
6		Compensation towards the additional costs incurred suffered by Halcrow Group Limited (Kishanganga Consortium Partner) on account of Extension of Contract period (Claim in INR) for the period 14.12.2016 to 07.02.2018.	Halcrow Group Limited	d) others	89986186	0	89986186	0	89986186	0	0	0	0	0	89986186	0	0		M/s Halcrow has submitted the claim for extended time from 14.12.16 to 07.02.18 vide letter dated 30.05.18. The same was examined in project and observed that the claim is not as per provision of contract and Halcrow was asked to submit the claim as per extant provision of the contract alongwith supporting document vide letter no 975 dated 10-08-2018
7		Compensation towards the additional costs incurred suffered by Halcrow Group Limited (Kishanganga Consortium Partner) on account of Extension of Contract period (EURO 238011 claim converted to INR) for the period 14.12.2016 to 07.02.2018.	Halcrow Group Limited	d) others	Euro 11480	0	903246	0	903246	0	0	0	0	0	903246	0	0		
		SUB TOTAL (Capital Works)				4720709752	2772232022	0	7492937774	32520659	0	32520659	0	4688185093	7460417115	0	0		

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Sr. No.	Status of the Claim	PARTICULARS	NAME OF PARTY	departments /s: State Govt departments or Local Bodies, c: CPSEs, d: Others)	Original Claim Amount of the Party	Opening Amount of claim as on 01.04.2018	Addition of claim during the period on account of new claims/updation of old claims including interest	Settlement /Adjustment/Reduction of claim during the period/year	Closing balance of claim as on 31.03.2019	Opening Provision as on 01/04/2018	Addition/ (Reduction) in provision during the period/year	Closing Provision as on 31/03/2019	Claim neither Recognised as Provision nor Disclosed as Contingent Liability (figure in column 7 a	Opening Contingent Liability as on 01/04/2018	Closing Contingent Liability as on 31/03/2019	Opening Contingent Liability during the period/year	SEMENT TO BE MADE BY THIRD PARTY	REASONS FOR NON-ACCEPTANCE	PRESENT STATUS
B		LAND COMPENSATION CASES																	
	1	Land Aquisition of 755 Kanals 7 Marlas Land acuired against which petitioner prayed for additional compensation in District Court, Bandipora	Mh. Safi Bhat & Anothers Vs Cllector land Acquisition & KGHEP, NHPC	d) others	785000000	0	785000000	0	785000000	0	0	0	0	0	785000000	0	0		The case is in final stage of hearing in the District Court Bandipora
	2	Land Aquisition case in which petitioner prayed for compensation in District Court, Bandipora.	Abdul Qayoom Khan Vs Collector and NHPC	d) others	809000	0	809000	0	809000	0	0	0	0	0	809000	0	0		The case is in under hearing in the District Court Bandipora.
		SUB TOTAL (Land Compensation Cases)			78,58,09,000	-	78,58,09,000	-	78,58,09,000	-	-	-	-	-	78,58,09,000				
C		Disputed Tax Matters																	
		Disputed Income Tax Demand																	
		Disputed Sales Tax Demand		b) State Govt Deptt	51624265	5,16,24,265		-	51624265	0	0	0	0	51624265	51624265	0	-		Demand of Sales Tax for FY 2013-14 raised by the Assessing officer for under statement of purchase on account of Material and machinery brought by HCC Ltd and used the TRN of NHPC Ltd. Application for stay on demand notice has been filed
		Disputed Service Tax Demand																	
		Others																	
		SUB TOTAL (Disputed Tax Demands)			5,16,24,265	5,16,24,265	-	-	5,16,24,265	-	-	-	-	5,16,24,265	5,16,24,265				
D		OTHER CASES																	
		The claimant filed suit in diffrent capacities seeking declaration that plaintiff is entitle to the work award along with stay application but the court not allowed the stay application. Plaintiff approached the court of Principal District Judge for same relief.	Abdul Rashid Mir v/S NHPC & other		1,37,000	1,37,000	-		137000	0	0	0	0	137000	137000	0	0		No hearing in the case for long time
		The petitioner has compensation for alleged damage to his crop due to seepage / leakage of pollunt sewerage wether from KGHPE's treatment plant.	Mohd Shaban Chopan Vs GM NHPC and Others		1,42,200	1,42,200	-	1,42,200	0	0	0	0	0	142200	0	0	0		Case is being settled out of court with the approval of the competent authority. Necessary provision for the expenditure to be incurred is made in books of accounts
		SUB TOTAL- OTHER CASES (D)			279200	279200	0	142200	137000	0	0	0	0	279200	137000	0	0		
		GRAND TOTAL (A+B+C)				4772609217	3558041022	142200	8330508039	32520659	0	32520659	0	4740088558	8297987392	0	0		

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DGM (Finance)

General Manager (Civil)-HC

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ANNEX-V

ANNEX-V

Transmission Tower collapse amid heavy snowfall in Bandipora

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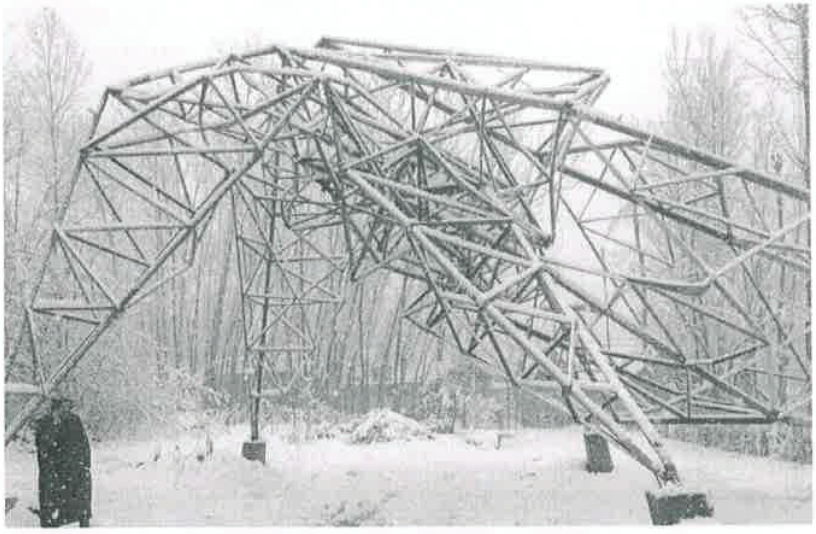
Srinagar

An under construction transmission tower of BBTL collapsed in north Kashmir's Bandipora village on Thursday morning due to heavy snowfall.



Transmission Tower collapse amid heavy snowfall in Bandipora

Reports said that an under construction transmission tower of BBTL collapsed at Ajas village this morning due to snowfall, however, there was no report of any injury was in the incident.

Two days of heavy snowfall combined with rains that added to the significant weight on the roof and supporting structure, which resulted in the collapse of an under-

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Fresh snowfall turns Kashmir white

Updated: January 5, 2019 5:13:22 pm

1/8



A Kashmiri man clears a link road during heavy snowfall in Bandipora. (Express Photo by Shuaib Masoodi)

2/8



Kashmir is currently under the grip of 'Chillai-Kalan', the 40-day harshest period of winter when the chances of snowfall are most frequent and maximum and the temperature drops considerably. (Express Photo by Shuaib Masoodi)

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VIRAL X

This is India's 'Golden Tweet' of the year



Heavy snowfall disrupted surface and aerial connectivity to the Kashmir valley on Saturday. (Express Photo by Shuaib Masoodi)

4 / 8



The MeT department said that the snowfall, which began in late afternoon on Friday, is one of the heaviest snowfalls in the recent years in Kashmir. (Express Photo by Shuaib Masoodi)

5 / 8



Kashmiri children enjoy in a snow covered park. (Express Photo by Shuaib Masoodi)

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VIRAL X
This is India's 'Golden Tweet' of the year
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Srinagar recorded 10 inches of snowfall till 8.30 in the morning and the ski resort in Gulmarg recorded two feet of fresh snow. (Express Photo by Shuaib Masoodi)

7/8



A Kashmiri man takes a selfie in the snow-clad region. The state is witnessing heavy snowfall over last couple of days. (Express Photo by Shuaib Masoodi)

8/8



Road clearance operations by the district administration are being undertaken since Saturday morning. (Express Photo by Shuaib Masoodi)


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Bandipora-Gurez road opens for traffic after 5 months

ANI | 07 MAY 2019, 08:19 AM IST

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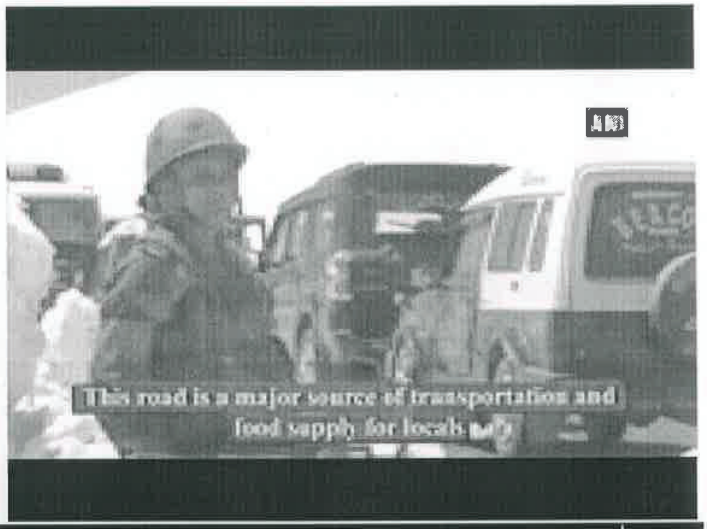

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85-km-long Bandipora-Gurez road in Jammu and Kashmir was opened for vehicular traffic on Monday after 5 months. The stretch was closed owing to intense snowfall in the region. Gurez road was cut off after the road closed. Ceremony was held at Razdan pass, 11,500 feet above sea level. With consistent efforts by Indian Army and Border Road Organisation (BRO), the road was cleared in due time.

539 views

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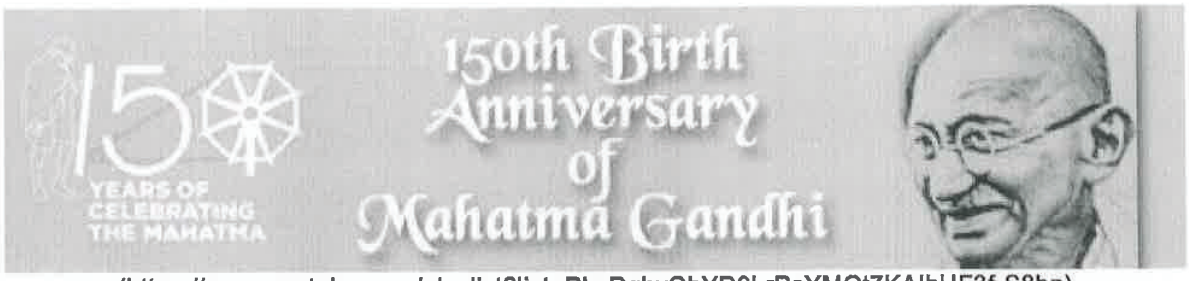

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Nov 28, 2019, 1:53PM

Northern regions receive snowfall leading to cold wave conditions



Northern regions received snowfall leading to cold wave conditions. In Himachal Pradesh cold wave intensified following snowfall in higher reaches and rain in plain areas.

AIR correspondent said Kinnaur, Lahul Spiti and Kullu and other high regions of the state experienced heavy snowfall.

Many high altitude areas and plains in the state are experiencing snowfall and rain for the last two days. In Kinnaur district snowfall is still continuing as a result educational institute remained closed for the second day today. In Kinnaur district national highway 5 has been interrupted due to landslide. BRO along with district administration have been pressed into service to clear the debris. The entire state is reeling under cold wave condition. Tourists are thronging in large number in the state to experience the snowfall.

In Uttarakhand, snowfall in Higher reaches and rains in foothills and plains brought down mercury levels today. High altitude districts including Chamoli, Uttarkashi, Rudraprayag and Pithouragarh received significant snowfall. Badrimath and Kedarnath also received heavy snowfall. Meanwhile, Nainital and foothills areas including Dehradun witnessed overcast conditions today.

Moreover most parts of Kashmir, including areas in the plains of the Valley received fresh snowfall which began yesterday and continued through the night. Meteorological Department said, Srinagar and the areas around it recorded about two centimetres of snowfall. There are reports of snowfall in other areas in the higher reaches of the valley including Zojilla Pass, Amarnath Cave, Sonamarg, Gurez and Mughal Road. The Met Department has forecast mainly dry weather in Kashmir till 10th of December.

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Highways closed as higher reaches of Kashmir receives fresh snowfall

PTI | Updated: Nov 15, 2019, 12:31 IST

(/articleshowprint/72067957.cms)



SRINAGAR: Highways were closed as a precautionary measure after the higher reaches of Kashmir (https://timesofindia.indiatimes.com/india/jammu-and-kashmir) received fresh snowfall on Friday, with the meteorological department predicting light rains or snow over the next two days, officials said.

The famous ski-resort in Gulmarg in north Kashmir's Baramulla district (https://timesofindia.indiatimes.com/topic/Baramulla-district) recorded about six inches of fresh snowfall, a meteorological department official here said.

Areas in the higher reaches of the valley and Ladakh received fresh snowfall overnight which continued in the morning, he said.

There were reports of fresh snowfall in other high-altitude areas of Kashmir including Gurez, he added.

The official said Drass in Ladakh's Kargil district recorded around one-inch snowfall while Zojilla Pass on the Srinagar-Leh national highway received five inches of snow.

Rains lashed areas falling in the valley's plains, including, Srinagar (http://www.happytrips.com/topic/Srinagar).

The snowfall and rains have led to the closure of Srinagar-Jammu national highway, Srinagar-Leh national highway and the Mughal Road.

"All highways are closed as a precautionary measure due to the snowfall," an official of the Traffic Control Room here said.

The meteorological department has forecast light to moderate rains or snow in Jammu and Kashmir over the next 24 hours. There is a possibility of scattered light rain or snow over Ladakh region, it said.

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I hope electricity and other infra remain up and running during the snowfall to ensure common man does not face too much inconvenience

JASPREET SINGH OBEROI

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TOP DEALS >



States »

North

Posted at: Dec 3 2019 1:43PM

Gurez-Bandipora road still closed, stranded passengers airlifted

Srinagar, Dec 3 (UNI) The Bandipora to Gurez road remained closed on Tuesday due to snowfall and slippery road condition.

Meanwhile, hundreds of passengers stranded at border area of Gurez, Bandipora and Srinagar were airlifted on Monday.

Border town of Gurez, which is surrounded by Pakistan-occupied-Kashmir (PoK) from three sides, in north Kashmir remained cut off from district headquarters of Bandipora due to accumulation of snow.

A massive snow clearance operation continued on Bandipora-Gurez road, which also connects dozens of other villages near LoC with district and tehsil headquarters. There was five to six feet of snow at Razdan pass, official sources said.

Men and machinery from both sides of the pass are on job to put through the road, which remained closed for six winter months.

Snow clearance operation is almost completed and road could be put through anytime, official sources said.

Large number of people, including patients and students, stranded at Gurez, Neeru and other places were airlifted to Bandipora and Srinagar. Similarly, passengers stranded at Bandipora and Srinagar were airlifted to Gurez on Monday.

UNI BAS SB 1343

UNI Photo



HYDERABAD, DEC 10 (UNI) :- Telangana Principal Secretary of the Industries & Commerce and Information Technology (IT) Departments Javesh Ranjan addressing during

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HP Govt committed to rehabilitation of Pong Dam oustees, says CM

10 Dec 2019 | 6:50 PM

Dharmshala, Dec 10 (UNI) Himachal Pradesh Chief Minister Jai Ram Thakur on Tuesday said that the state government was committed to ensure that the Pong Dam Oustees were rehabilitated properly so that this long term issue was settled once forever.

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'Bharat Bachao' rally: Jakhar expecting overwhelming participation from Punjab

10 Dec 2019 | 6:38 PM

Chandigarh, Dec 10 (UNI) Punjab Congress president Sunil Jakhar on Tuesday exuded confidence that party activists and supporters from Punjab will overwhelmingly participate in the 'Bharat Bachao' rally to be organised by the AICC in Delhi on December 14.

see more..

Four held for murder of woman lab employee in UP

10 Dec 2019 | 6:20 PM

Sambhal, Dec 10 (UNI) Four people were arrested and sent to jail in connection with the murder of a women lab employee at the Babrala town of the Kotwali Gunnaur area of this district in Uttar Pradesh, police said on Tuesday.

see more..



WD active in J&K, isolated rain-snow during next 24 hrs

10 Dec 2019 | 6:12 PM

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Posted at: Nov 15 2019 3:17PM

Keran, Karnah, Machil, Gurez roads closed due to fresh snowfall



Srinagar, Nov 15 (UNI) Dozens of roads leading to border towns of Keran and Karnah besides other far-flung and remote villages, including those near the Line of Control (LoC), were closed on Friday due to fresh snowfall since early morning.

Meanwhile, the Kupwara-Machil and Gurez-Bandipora roads in north Kashmir continued to remain closed since November 6 due to accumulation of snowfall and slippery road conditions.

Kupwara-Keran and Kupwara-Karnah roads were again inaccesible due to about one foot of fresh snowfall since early this morning, an official of Police Control Room (PCR), Kupwara, told UNI over the phone.

He said the upper reaches in the district received fresh snowfall since last night while rain lashed plains, including Kupwara town.

Traffic, he said, will be resumed only after improvement in the weather and clearance of snow on these roads.

He said due to fresh snowfall on already accumulated snow, traffic on different routes, leading to far-flung and remote areas, including near LoC, remained suspended since November 6.

The PCR official said Kupwara-Machil roads remained closed due to accumulation of snow and slippery road conditions. 'Roads leading to dozens of far-flung and remote villages also remained closed due to fresh snowfall since Thursday night,' he said.

Meanwhile, road to border areas of Gurez, Neeru and dozens of other areas from Bandipora also remained out of reach. The road has been closed on November 6 morning due to several feet of snow and slippery conditions. 'There was more than five feet of snow at Razdan Pass,' the official said.

UNI Photo



KOLKATA, DEC 10 (UNI) Members of All India Matua Mahasangha sitting on a Dharna near Mahatma Gandhi statue to protest against NRC. in Kolkata on Tuesday.UNI PHOTO CAL

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The authorities have already pressed into service snow clearance machines and cutters to clear the snow and put through the road, which used to shut for six winter months in the past. The government has already approved a tunnel at Razdan pass to make it an all weather road.

UNI ABS SB 1500

More News

Congress walks out amid ruckus in HP assembly over issue of 'Investors meet'

10 Dec 2019 | 7:05 PM

Tapovan (Dharmshala), Dec 10 (UNI) The Congress party on Tuesday staged walk out from the assembly after they were not allowed to raise the issue of alleged scam in 'Global Investor Meet'.

see more..

HP Govt committed to rehabilitation of Pong Dam oustees, says CM

10 Dec 2019 | 6:50 PM

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WD active in J&K, isolated rain-snow during next 24 hrs

10 Dec 2019 | 6:12 PM

Srinagar, Dec 10 (UNI) A fresh Western Disturbance (WD) has finally hit the region resulting in further chilly weather conditions in the Union Territory (UT) of Jammu and Kashmir and Ladakh, where isolated rain and snow could occur during the next 24 hours.

see more..



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THE NEW INDIAN EXPRESS

Tuesday, December, 10, 2019 07:26:27 PM

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Kashmir witnesses record snowfall, 11-feet snow depth in avalanche-hit Gurez

A Meteorological department official said it was the heaviest snowfall recorded in the valley since 1992.

Published: 27th January 2017 08:59 PM | Last Updated: 27th January 2017 08:59 PM | A+ A A-

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[X] Close



File picture of vehicles moving towards Jammu-Srinagar highway closed due to heavy snowfall in Kashmir valley. (PTI)

By Express News Service

SRINAGAR: The snowfall in Kashmir in last few days has broken the record of over two decades.

A Meteorological department official said Kashmir has recorded heavy snowfall this year.

He said it was the heaviest snowfall recorded in the valley since 1992.

"We had witnessed major snowfall in 1992 and 2006 but the present snowfall has broken the record of last 25 years," the official said.

The upper reaches of the Valley including Keran, Karnah, Gurez, Machil, Tanghdar, Uri, Gulmarg, Yousmarg, Pahalgam, Sonarmarg have witnessed heavy snowfall. The ski resort of Gulmarg has recorded more than 7 ft of snowfall while Gurez, which has witnessed at least three snow avalanches in 72 hours, has experienced about 11 ft of snowfall.

The plains including Srinagar have also experienced heavy snowfall.

Many of the inter-district roads in the Valley are disconnected and there has also been breakdown of electricity with North Kashmir being the worst hit.

As was predicted by the weatherman, the weather conditions improved today after three days of continuous snowfall.

Close

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Due to improvement in weather conditions, the air traffic at Srinagar airport resumed today after remaining suspended for three days.

An airport official said there was a significant improvement in visibility and weather conditions today.

"Due to marked improvement in visibility, all the flights took off and landed at Srinagar airport today," he said adding an additional flight was also operated today for the stranded passengers.

However, the Srinagar-Jammu national highway, the only link road connecting Kashmir with rest of the Valley, remained closed for all kinds of vehicular traffic for the 4th consecutive day today.

A traffic police official said snow avalanches hit the highway at Shaitani Nallah while the continuous rain and snowfall triggered landslides at many places including Digdol and Chesma, hampering the efforts to make the road traffic worthy.

He said it will take some time for the Border Roads Organisation (BRO), which is looking after maintenance of the highway, to make the road traffic worthy because there is snow depth of 10-12 feet at some places.

He said no fresh traffic would be allowed on the highway unless all the obstructions all cleared and road made traffic worthy.

Due to closure of Srinagar-Jammu national highway, the prices of essential commodities have shot up here and Valley is also facing shortage of cooking gas.

Valley is totally dependent on the highway for the supplies.

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TAGS kashmir snowfall avalanche

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India Matters

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Greater Kashmir

Tuesday, December 10, 2019

KASHMIR

Ejaz-ul-haq Bhat
Bandipora, November 24, 2016, 10:38 AM
UPDATED: November 24, 2016, 10:38 AM

Shelling on NHPC project, work suspended

Work on 330 Megawatt Kishen Ganga Hydro Electric Power Project was suspended after it came under mortar shelling from across the border in Gurez sector Wednesday morning.



Representational Pic

Read Article

An official of Hindustan Constructions Company (HCC), executing agency of the NHPC-owned project, told Greater Kashmir that in view of mortar shelling near dam site and stone crusher from across the border, work on the project has been suspended.

Work on 330 Megawatt Kishen Ganga Hydro Electric Power Project was suspended after it came under mortar shelling from across the border in Gurez sector Wednesday morning.

An official of Hindustan Constructions Company (HCC), executing agency of the NHPC-owned project, told Greater Kashmir that in view of mortar shelling near dam site and stone crusher from across the border, work on the project has been suspended.

He said that around half a dozen mortar shells landed within 50-100 meters of HCC-owned crusher plant and dam site in Malik Kadal area of Gurez. "The officers, labourers and other workers took shelter in a tunnel," he added.

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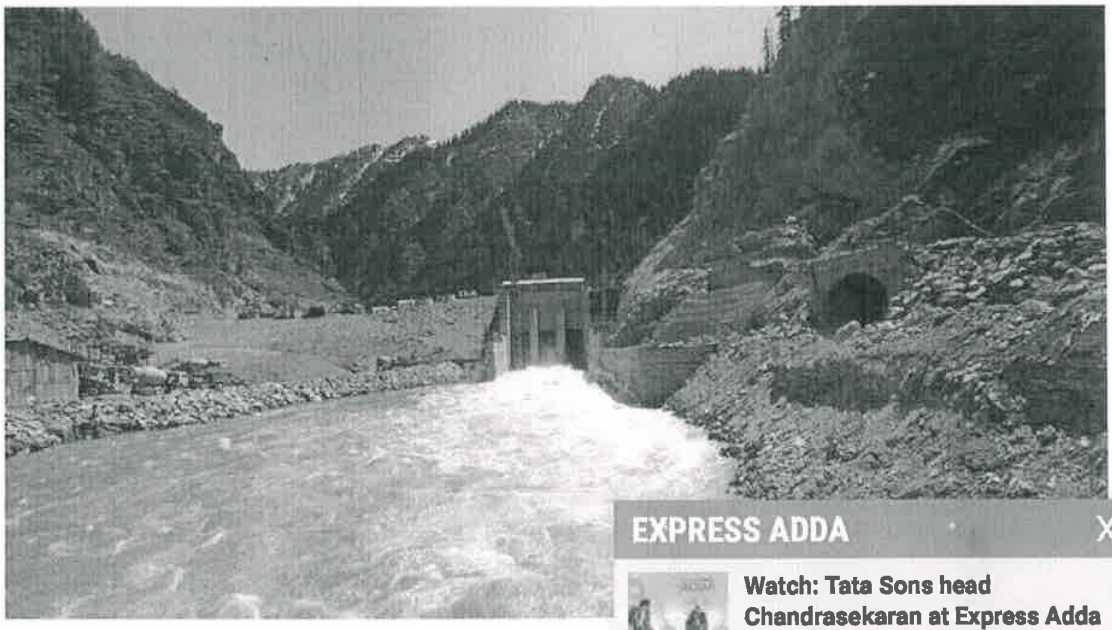
NEXT Report all religious activities: China to Xinjiang residents > (https://www.greaterkashmir.com/news/world/report-all-religious-activities-china-to-xinjiang-residents/)

In Kishanganga dam security, more than Pakistan shelling, sabotage a concern

Location of the dam close to LoC underlines India's confidence in handling the challenge. Recent infiltration is the cause for review of structure's security.

Written by **Nirupama Subramanian** | Chandigarh | Updated: May 23, 2018 9:43:50 am



EXPRESS ADDA X

Watch: Tata Sons head Chandrasekaran at Express Adda

A breach in the dam will likely flood PoK villages downstr

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Hydel Electricity Project in Gurez in North Kashmir experienced for the the first time the dangers of the Line of Control. In all, 18 shells fell from across the LoC, just a kilometre away over the hills, on both sides of tl Sign in which was then close to completion.

"All of us just left whatever we were doing and ran into the tunnel," said Sanjay Kumar, an employee of the construction company building the dam.

Read | After intel input, Home Ministry to review security at Kishanganga plant

The tunnel, completed in June 2014, is an integral part of the KHEP — it takes the water from the Kishanganga River in Gurez Valley to an underground power station at Bandipora in the Kashmir Valley. Back then, there was no water in it. According to dam officials, along with the workers, a large number of villagers too, rushed into the tunnel for shelter, and demanded to be evacuated.

"We had to call the Army for help," a dam official said.

"But that was the first and last time this happened in all my years here," said Kumar, who joined the project in November 2009.

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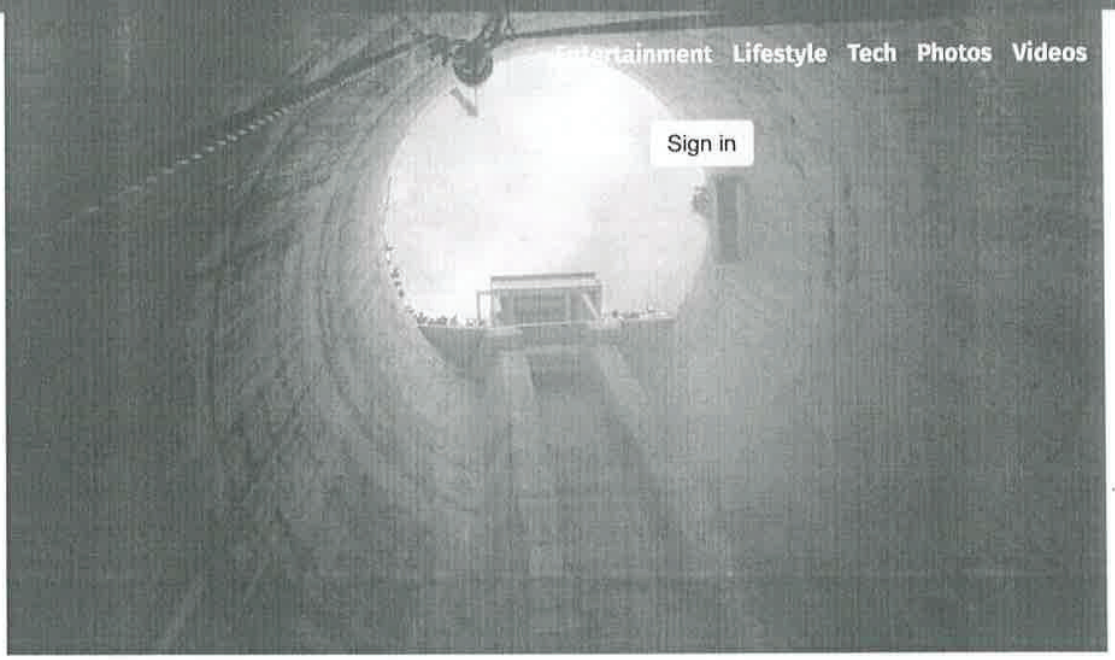
EXPRESS ADDA X



Watch: Tata Sons head Chandrasekaran at Express Adda



The surge shaft dug 108 metres into mountainside. (Express photo by Neeraj Priyadarshi)

On Monday, following intelligence reports of cross-LoC infiltration bids in Gurez, the government decided to review security at KHEP. Hundreds of CISF personnel currently guard the dam. An Army camp deployed on the LoC is nearby, providing an added layer of overall defence for the dam. During a recent visit by this correspondent, a row of artillery guns inside the camp was visible from the road, their barrels trained at the mountain.

If India decided to locate the project there despite the evident dangers of the LoC, it could not have been without the confidence that it could handle this challenge, dam officials who did not wish to be named, told The Indian Express.

The biggest defence, said the officials, is that any act to destroy the dam would actually pose the greatest danger to Pakistan — the maximum impact would be felt downstream, across the LoC, in Pakistan Occupied Kashmir. As the Kishanganga flows, the LoC is only about 10 km from the dam, and habitation begins almost immediately. The first village in PoK, along the [illegible] known across the LoC, is Tawbal.

EXPRESS ADDA X
Watch: Tata Sons head Chandrasekaran at Express Adda



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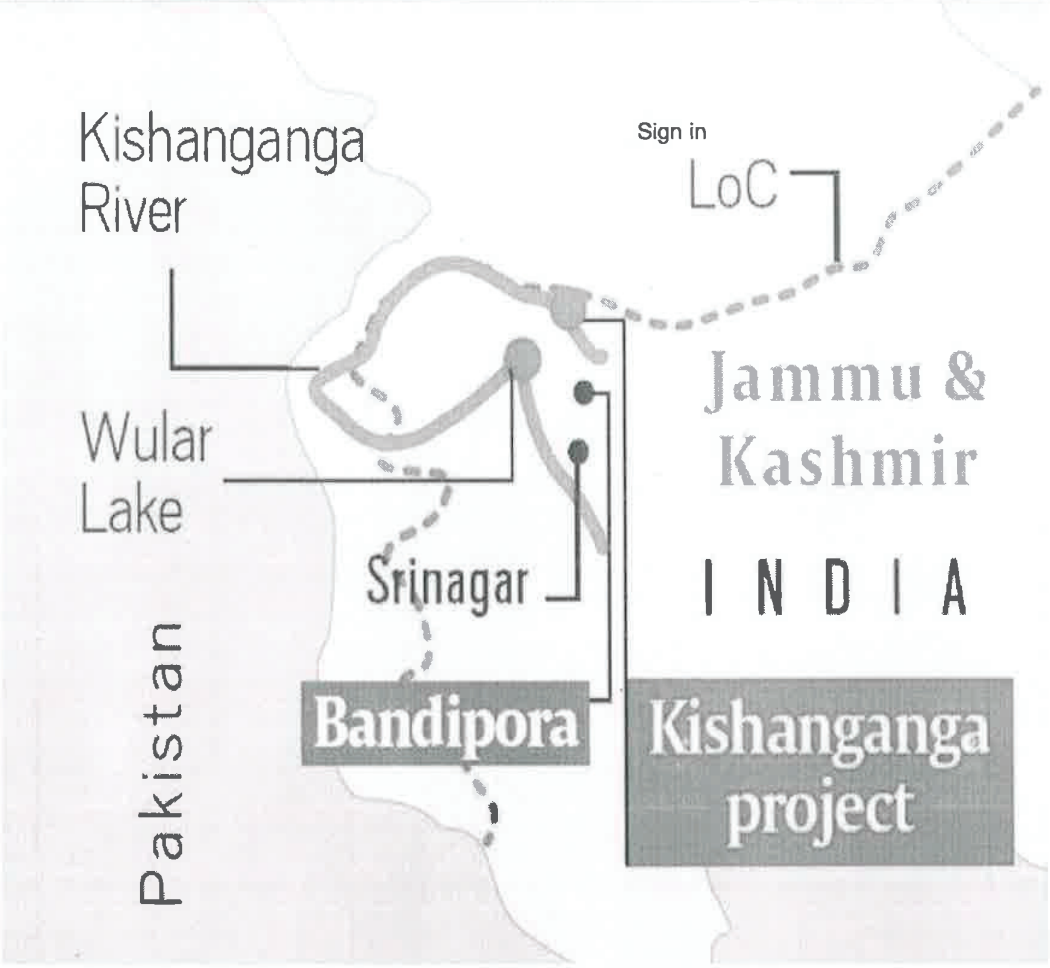

Of the 27 villages in Gurez, only six are located downstream along the banks of the Kishanganga, and all have been shifted uphill due to the dam.

However, even assuming that the dam is targeted, shelling from across the LoC does not pose a real danger, officials said. The dam is located in a gorge, and is not in the direct line of fire. In the event that a shell does hit it, the dam, one official said, "is a heavy structure, and can withstand shelling".

EXPRESS ADDA X
Watch: Tata Sons head Chandrasekaran at Express Adda

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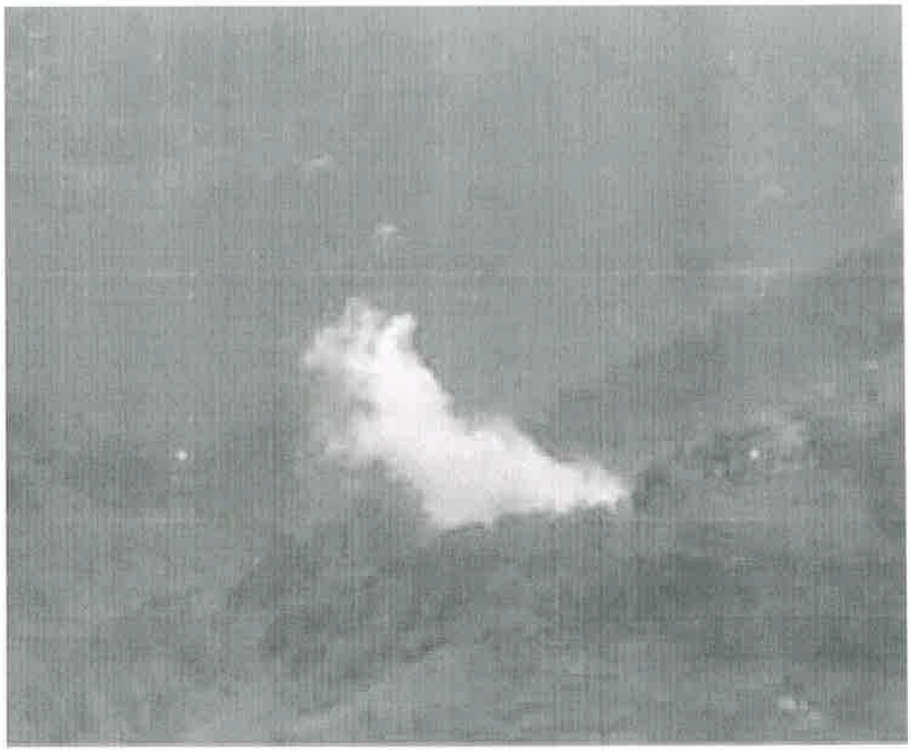
Greater Kashmir

Tuesday, December 10, 2019

KASHMIR, LATEST NEWS

EJAZ-UL-HAQ BHAT
Bandipora, July 31, 2019, 8:52 AM
UPDATED: July 31, 2019, 8:52 AM

Woman killed, health employee injured in cross-border shelling in Gurez



Representational Image

Read Article

A woman was killed and a health employee injured in cross-border shelling in Bagtore area of Gurez in North Kashmir's Bandipora district on Wednesday.

An official said that Rahme Begum wife of Abdul Ahad a resident of Dassi Bagtore died due to heavy shelling from across the border.

He said that Rahme was injured after heavy artillery firing started from across the border last night.

"She was taken to CHC Dawar from where she was shifted to district hospital Bandipora. As her condition deteriorated she was referred to SMHS in the morning, however, she succumbed on the way and declared dead on arrival at SMHS," he said.

He said that a health employee identified as Manzoor Ahmad son of Bashir Ahmad a resident of Naidkhai Sumbal was also injured in the cross border shelling.

Manzoor, who is posted in Bagtore at a health center, has been shifted to CHC Dawar where his condition is stated to be stable.

A senior police officer said that cross-border shelling started last night at LoC sector.

NEXT: Body of 35-year old found in Pulwama in south Kashmir (https://www.greaterkashmir.com/news/kashmir/body-of-35-year-old-found-in-pulwama-in-south-kashmir/)

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"Initially Pakistan resorted to heavy artillery shelling and firing. Later the artillery firing stopped, however, small arms firing is still going on intermittently," he said.

The residents in Bagtore area have been shifting to safer places in view of shelling.

Tagged in ceasefire violation

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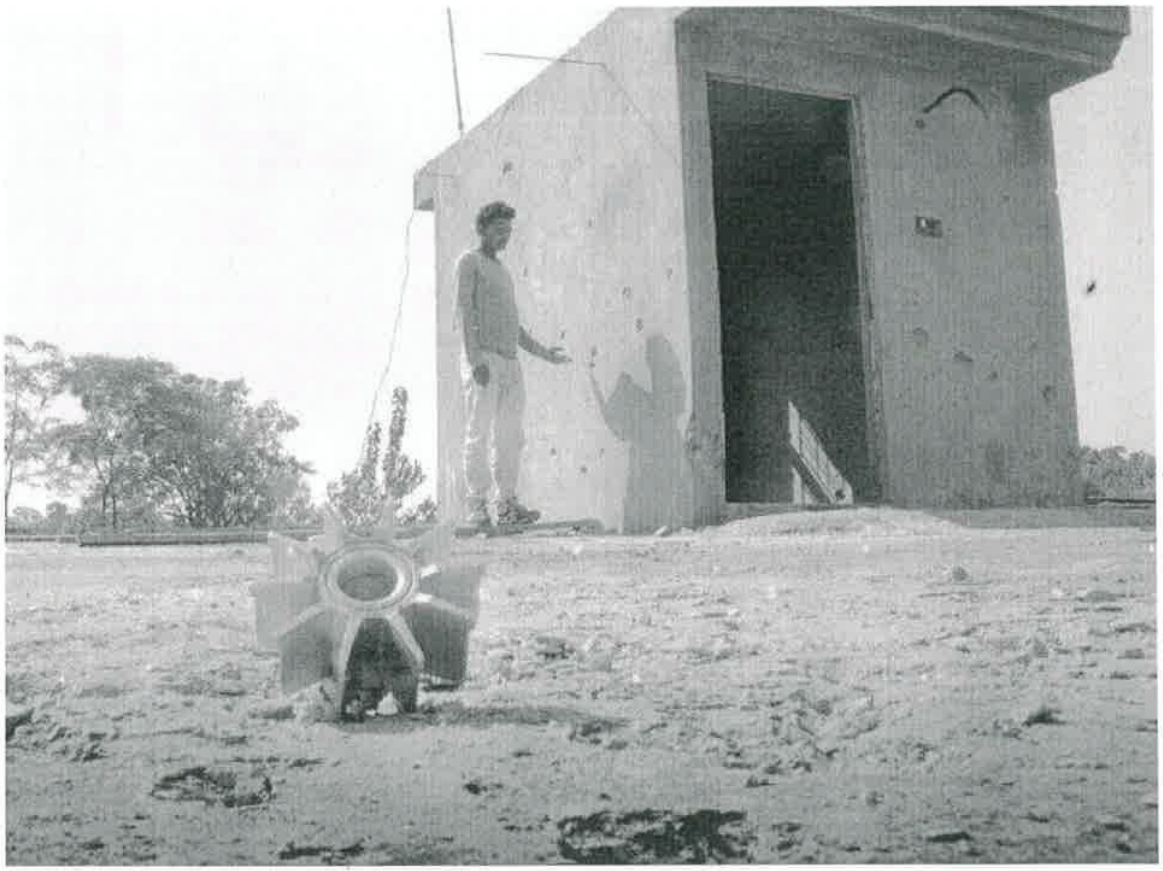
NEXT **Body of 35-year old found in Pulwama in south Kashmir** > (https://www.greaterkashmir.com/news/kashmir/body-of-35-year-old-found-in-pulwama-in-south-kashmir/)

Pak shelling: Five civilians injured along LoC

Zulfikar Majid, DHNS, Srinagar, NOV 14 2019, 17:19PM IST | UPDATED: NOV 14 2019, 17:19PM IST



PTI file photo for representation

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Kashmir injuring five civilians on Thursday.

Reports said Pakistani army started shelling Indian forward posts and civilian habitats along the LoC in Dhani, Sodpura, Tad and Trada villages of Karnah sector in north Kashmir's Kupwara district from 6:10 am on Thursday.

The shelling, which continued till 10 am, injured five civilians, including a mother-son duo, reports said and added one of the critically injured civilians was shifted to Srinagar for specialised treatment.

Panic gripped the border villagers as the shelling on civilian areas was intense. Authorities have asked civilians to take precautionary steps for their safety and not to venture out unnecessarily in shelling areas.

The border residents feel insecure in the absence of underground bunkers which would shield them from the shelling in the past. During the late 1990s, the government had sanctioned both community and individual bunkers for the residents living near the LoC.

Some of these bunkers were constructed giving the border residents much relief as they would take shelter in these underground bunkers during the shelling. However, a 7.6 magnitude earthquake that hit Pakistan-occupied-Kashmir and border areas on the Indian side of Kashmir on 8 October 2005 destroyed a majority of these bunkers.

As 2003 ceasefire agreement between India ad Pakistan by-and-large remained intact for over a decade, large numbers of houses, government schools, colleges and other buildings were built in the shelling prone areas along the LoC in Uri, Tanghdar, Keran and Gurez areas of north Kashmir, making people more vulnerable.

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National

How Kishanganga hydel project has brought 4G services to faraway Gurez

Pratim Ranjan Bose Bandipora/Gurez. May 19 | Updated on May 20, 2018 | Published on May 19, 2018



It was a Friday afternoon in the month of Ramadan. The dam site of the 330MW Kishanganga hydropower project - due for inauguration on Saturday - looked deserted as most of the local workers had left for afternoon prayers.

Two local Gurezi contractors of Reliance Jio mobile services came rushing to the hydel project contractor, Hindustan Construction Company (HCC). They want some last minute help to launch 4G services in Gurez.

Jio has brought OFC cable to this last post of the country in northern Kashmir bordering Pakistan-occupied-Kashmir, through the 24-km head tunnel from the dam on the Kishanganga river to Bandipora,

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some 84 km away by road, through one of the world's coldest regions in the Razdan Pass.

Located in one of the coldest zones in the Himalayas, Gurez, the home of the Dard tribe whose culture is very different from the average Kashmiri's except for religion, remains buried under fields of snow and is detached from the world during the five winter months.

Leave alone data connectivity, even basic tele-connection is weak here. The issue will now be resolved courtesy a showpiece hydel project.

Showpiece project

Built at an astronomical cost of over Rs 5,700 crore or Rs 17 crore a MW, Kishanganga is a path-breaking project. It diverts a portion of water from the Kishanganga, a tributary of the Jhelum, in Gurez, before the river enters Pakistan.

The diverted water is used for generating hydropower at Bandipora by NHPC (Kishanganga hydel), and then released back into the Jhelum (through a network of rivers and water bodies), which flows into Pakistan.

What is interesting though, is that before the diverted water is released, it increases lean season water availability at NHPC's Uri I (480MW) and Uri II (240MW) hydropower projects on Jhelum.

This complex planning has allowed India to use the Kishanganga water, bypassing the non-consumptive clauses (on Pakistan-bound rivers), and prevailed over Pakistan's objections in the international court in December 2013.

But it cost time and money. Conceived in 2007, the project has seen a 60 per cent escalation in expenses. Costs have also been high as the project has to deal with exceptional weather conditions.

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The dam is located in a glacial zone and the water freezes in the winter. To deal with it, the dam gates have ice cutters. Also, a part of the electricity generated will be used to keep the gates warm in the winter.

Gurez is happy

However, completion of the project has not cheered every Kashmiri. As the Prime Minister Narendra Modi arrived in Srinagar to dedicate the hydel power station, Kashmir is observing another bandh, a weekly phenomenon here, called by the Hurriyat.

But Gurezis are happy. The project will change the landscape of their homeland - an island of peace in an otherwise restless Kashmir.

Of the 12 per cent royalty power to be shared by the owner and operator of the project, NHPC, a good part will go to keep the homes of Gurezis warm in the biting cold. They were so far surviving on DG generation, but running them in winter was a challenge. To stop freezing, diesel is mixed with 20 per cent ATF.

Gurezis were also compensated handsomely for loss of land, mostly due to the submergence of their of land. Available estimates suggest for each house submerged, NHPC paid up to Rs 50 lakh. Those who lost agricultural land have been compensated with over Rs 5.5 lakh a kanal (eight kanals make one acre).

Over and above all that, nearly 70 per cent of project workers that HCC has recruited are locals, opening up earning opportunities for them. Iftiqar Chaket from Wanpura village near the dam site, earns Rs 10,000 a month as cook in HCC mess.

Stone pelters of Bandipora



The project would also benefit Bandipora, where the power house and associated infrastructure is located. Over the last decade, the district town has witnessed hectic activity. As in Gurez, locals are the majority of construction workers. Also, as the project headquarters, the local economy in Bandipora has benefitted by the hiring of cars and other essentials.

But that has not stopped stone-pelting and frequent bandhs crippling activity. The HCC project manager's office windows have a protective wire mesh, as do the wind-shields of the project cars. Those who don't, like Firdaus from Bandipora, who runs his Mahendra SUV for HCC, prefers it to be damaged once. Because pelters enjoy breaking new wind-shields. Bandhs are commonplace too. A rough count suggests the project suffered at least a year's delay due to bandhs.

"Not a week goes by without bandhs," says Firdaus. Doesn't it impact his life? Yes it does, but who will object? If the Hurriyat gives the call, responding to it is the norm.

Published on May 19, 2018

telecommunication service hydro electric project Jammu and Kashmir

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COMMENTS

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Two terrorists killed, soldier martyred in encounter in north Kashmir's Bandipora

The operations started on June 9 when troops were attacked by the terrorists in the forest area of Bandipora.



Picture for representation , PTI

SHARE

WRITTEN BY

Ishfaq-ul-Hassan

SOURCE

DNA webdesk

Updated: Jun 14, 2018, 08:11 AM IST

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After days of combing, the Army finally managed to neutralise two terrorists deep inside the jungles of Panar in north Kashmir's Bandipora district. A soldier was also martyred in the encounter.

The operations started on June 9 when troops were attacked by the terrorists in the forest area. The area was immediately cordoned and operation to flush out the terrorists was launched.

Since the area was huge with dense forests, the attackers managed to change locations to avoid contact with forces. However, army plugged all entry and exit routes to prevent their escape.

Sources said there were multiple contacts (gun fights) with terrorists in all these days. However, after days, troops achieved success on Thursday when they neutralised two terrorists. However, the army lost one of its soldiers,

"Two terrorists killed and one army soldier martyred in the ongoing operation in Panar forests", said Colonel Rajesh Kalia, defence spokesman at Srinagar.

The killing has come on the day when crucial security review meeting is to be held in New Delhi to take a decision whether to extend the Ramzan ceasefire beyond Eid.

Director General of Police, Jammu and Kashmir, Dr Shesh Paul Vaid will represent the state in the meeting.

"There were many terrorist incidents particularly grenade attacks. Two of our cops were killed yesterday. But other parameters have shown an improvement. Stone pelting, killing of civilians and killing of security force personnel has decreased. We will give our inputs. Let us see", Dr Vaid told DNA.

Figures reveal that since Ramzan ceasefire on May 17, there have been 53 militancy related incidents across Kashmir, in which 33 people including 24 terrorists, four civilians and five security men were killed.

Of the total terrorists, 22 were killed near the Line of Control (LOC). The slain terrorists were either newly infiltrated or were trying to infiltrate from the other side of the LoC. Since the ceasefire is not applicable to the counter infiltration grid, therefore army carried out its operation against the infiltrators on the LoC.

Terrorists have carried 18 grenade incidents since the ceasefire in which 46 people including 17 security men wer injured. Terrorists have looted two banks and snatched six rifles from the cops besides carrying out series of standoff attacks targeting the security forces.

On June 7, Union Home Minister Rajnath Singh chaired a security review meeting in which Chief Minister Mehbooba Mufti strongly advocated the extension of the Ramzan ceasefire.



Jammu And Kashmir | Mehbooba Mufti | terrorists | Bandipora | Bandipora encounter | Ramzan ceasefire

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November 25, 2018 01:34:03 | Javid Ahmad

More militants killed in north than south Kashmir from Jan-Oct

Situation in north Kashmir under control: ADGP

(https://twitter.com/intent/tweet?url=http://risingkashmir.com/news/more-militants-killed-in-north-than-south-kashmir-from-jan-oct-&text=More militants killed in north than south Kashmir from Jan-Oct &via=Javid Ahmad) (mailto:?subject=SUBJECT More militants killed in north than south Kashmir from Jan-Oct &body http://risingkashmir.com/news/more-militants-killed-in-north-than-south-kashmir-from-jan-oct-)



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(http://admin.risingkashmir.com/images/news/26a00e40-18de-42e1-8b24-c27953877cc4.jpg)

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Contrary to the notion that north Kashmir is less affected by militancy, the region comprising three districts has witnessed more militant causalities than volatile south Kashmir till October this year.

According to statistics, from January to October this year, at least 86 militants of different outfits were killed in encounters with forces across north Kashmir.

"The militant casualties in north Kashmir is higher than south Kashmir, where 80 militants were killed in gunfights with forces," it revealed.

The north Kashmir comprises three districts of Kupwara, Baramulla and Bandipora while south Kashmir comprises four districts of Anantnag, Pulwama, Shopian and Kulgam.

In September and October, 30 militants were killed in encounters with forces in north Kashmir.

During the same period, 19 militants were killed in gunfights with forces in south Kashmir.

Till 2017, north Kashmir was seen as relative calm region than south Kashmir.

"From January to August this year, 56 militants of Hizbul Mujahideen, Lashkar-e-Toiba and Jaish-e-Mohammad were killed in north Kashmir. During the same period, 61 militants of Hizb, Lashkar, Jaish, Ansar-Gazwat-ul-Hind and ISJK were killed in south Kashmir," reveals the statistics.

Overall, 191 militants have been killed in encounters with forces during anti-militancy operations across Valley till October this year.

The militants were killed in encounters in hinterland and along the Line of Control while trying to infiltrate in the State.

In south Kashmir, majority of militants active are locals while in north Kashmir, most militants active are Pakistani nationals belonging to Lashkar and Jaish.

Despite army claiming to have robust anti-infiltration grid in place along the LoC, infiltration of militants remains a major concern for security agencies.

Additional Director General of Police (ADGP) Law and Order and Security, Munir Ahmad Khan told Rising Kashmir that there remains a threat of infiltration by militants from across the LoC in north Kashmir.

"The successful anti-militancy operations were conducted in north Kashmir during which both foreign and local militants were killed," he said.

Khan said more foreign militants than local militants were present in north Kashmir.

"The situation in north Kashmir is well under control," the ADGP added.

javid@risingkashmir.com

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NATIONAL

Militant killed in Bandipora encounter, operation continues



PTI

SRINAGAR, AUGUST 30, 2018 09:50 IST
UPDATED: AUGUST 30, 2018 13:34 IST

A militant was on Thursday killed in an encounter with security forces in Hajin area of Bandipora district of Jammu and Kashmir, the police said.

Security forces launched a cordon and search operation in the area following information about the presence of militants there, a police official said.

The search operation turned into an encounter after militants opened fire at the security forces, the official said, adding that the operation was still on.

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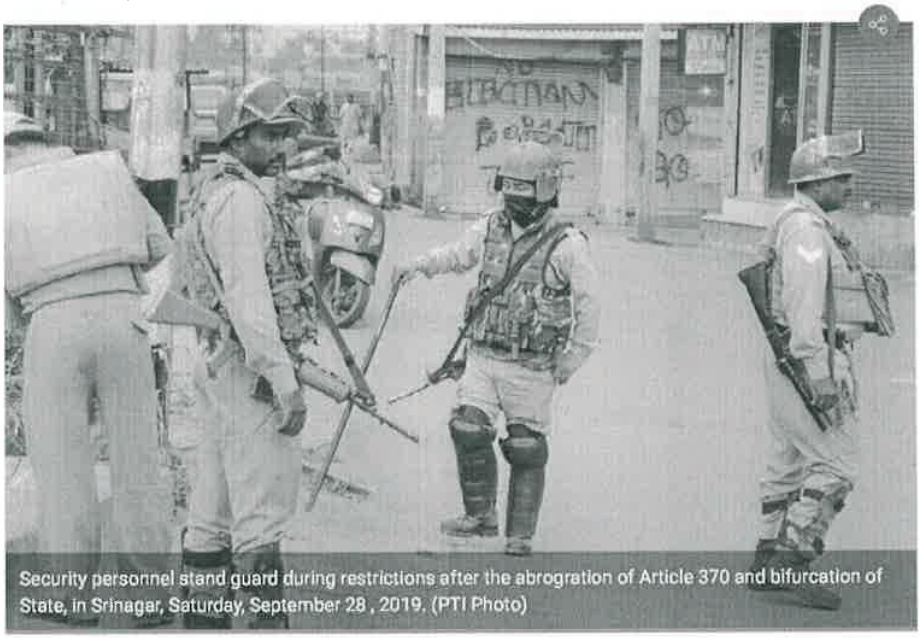
88 Terror Incidents in Jammu & Kashmir Post Article 370 Move, Shows Govt Data

This is a nearly 17 per cent reduction in the number of terror incidents, as the 115-day period preceding it had witnessed 106 such incidents, the home ministry said.

News18.com | Updated:December 3, 2019, 2:18 PM IST



Security personnel stand guard during restrictions after the abrogration of Article 370 and bifurcation of State, in Srinagar, Saturday, September 28 , 2019. (PTI Photo)

New Delhi: The home ministry on Tuesday told Parliament that 88 terror incidents have been recorded in Jammu and Kashmir since the effective scrapping of Article 370 of the Constitution on August 5, when the state was put under an unprecedented security lockdown.

The data is for a 115-day period till November 27 and it corresponds to a nearly 17 per cent reduction in the number of terror incidents in the region.

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Read full article

88 Terror Incidents Recorded in Jammu and Kashmir Post Articl...

Kailash Vijayvargiya Hits out at MP Govt over Honey Trap Scand...

ANNEX-VI

भारत सरकार
Govt. of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
जल विद्युत परियोजना मूल्यांकन प्रभाग
Hydro Project Appraisal Division

विषय: Kishanganga HEP (330 MW) (J&K)- RCE at completion cost by M/s NHPC- regarding.

1.1 Background:

1.2 Project Brief:

Kishanganga HE Project (330 MW) is located on river Kishanganga, upstream of Uri-II HE Project (240 MW) in Baramulla District of Jammu & Kashmir. The project envisages diversion of water of river Kishanganga – a tributary of river Jhelum, joining it in Pakistan Territory into Bonar Nallah (which ultimately drains into Wullar lake on the Jhelum main) for power generation. The project involves construction of 35.48m high (above mean bed of river) concrete faced rockfill dam, 23.31 km long, 6.24 m horse shoe shaped(DBM) /5.20 m dia. circular(TBM) HRT. An underground power house with 3 nos. Pelton turbines driven generating units of 110 MW each operating under a rated net head of 645.96 m. The annual generation in a 90% dependable year with 95% machine availability is 1712.96 MU.

1.3 Accord of Techno-Economic Appraisal to Kishanganga HE Project (3x110=330 MW) by CEA

The Project was Techno-Economically Appraised by Central Electricity Authority on 06.08.2003 as Storage Scheme. Later Kishanganga HE Project was envisaged as a ROR Scheme with an installed capacity of 330 MW and was accorded Techno-Economic Appraisal (TEA) by CEA vide letter dated 31.08.2005 at an estimated cost of Rs.2624.36 crores including IDC & FC of Rs.364.05 crores at June, 2005 price level. The summary of estimated cost is given below:

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(Rs. Crores)

Description	Cost Estimates at June, 2005 PL
Civil Works	1700.99
E&M works	340.20+ 3.5 million US$
Cost of Security	204.00
Total Hard Cost	**2245..19**
IDC & FC	364.05
Total Project Cost	**2609.24** +3.5 million US$
Total Project Cost (INR)	**2624.36**

(1US$= Rs. 43.20)

1.3 Accord of Government Sanction(CCEA) to Kishanganga HE Project 3x110=330 MW)/1st RCE.

Ministry of Power, Government of India conveyed the sanction on 20.7.2007 with completion of project in 7 years i.e. July, 2014 at a total cost of Rs.2238.67 crores including IDC & FC charges of Rs.165.12 crores (at November, 2005 PL) with debt equity ratio 70:30 for execution by National Hydro-electric Power Corporation Ltd.
In view of price bid offered by the lowest bidder for turnkey execution of the project being very high, the revised CCEA approval was accorded on 14.01.2009 with completion of project in 7 years i.e. January, 2016 at a total cost of Rs. 3642.04 crores including IDC & FC charges of Rs.8.52 crores (at September, 2007 PL), which has been considered as the 1st RCE of Kishanganga HEP. The summary of estimated cost is given below:

(Rs. crores)

Description	CCEA Cost at Sept.'07 PL
i). Civil Works	3094.82
a) Consortia Civil Works(includes planning, design & engg., Civil & HM Works)	2239.35
b) Contingency Works (10 % of Contract price of Civil Works)	192.58
c) Non-consortia Civil Works	662.89
ii) Security (NHPC Works)-Reduction made in NHPC's provision by Rs.100 crores	51.57
iii) E&M works (Consortia Works)	487.14
Total Hard Cost	3633.53
IDC & FC	8.52
Total Project Cost	3642.05

2.0 Award of Works:

Turnkey execution of Kishanganga HEP was awarded to Consortium comprising HCC & Halcrow for a contract price of Euro 46.10 Million + Rs.2464.13 crores.

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The details are given as under:

1	Planning, Design and Engineering	-	EURO 11,4000,00.00 (INR 648774000.00) Plus INR 488,750,000.00 Total=INR113.75 crores
2	Civil Works	-	INR 19,258,390,000.00 Total =INR 1925.84 crores
3	Supply of Hydro-Mechanical Plant & Machinery	-	EURO 26,993,284.00 (INR 1536187792.00) Plus INR 152,400,000.00 Total =INR 168.86crores
4	Transportation, Storage, Erection, Testing & Commissioning of Hydro Mechanical Plant & Machinery	-	EURO 1,006,716.00(INR57292207.56) Plus INR 251,700,000.00 Total =INR 30.90 crores
5	Supply of Electro-Mechanical Plant & Machinery	-	EURO 5,500,000.00 (INR 313005000.00) Plus INR 3,989,500,000.00 Total =INR 430.25 crores
6	Transportation, Storage, Erection, Testing & Commissioning of Electro-Mechanical Plant & Machinery	-	EURO 1,200,000.00 (INR 68292000.00) Plus INR 500,560,000.00 Total =INR 56.89 crores

(1 Euro=INR 56.91 Sept '07 PL)

Letter of acceptance for award of the project has been issued on 22.01.2009 in favour of M/s. Kishanganga Consortium (HCC-Halcrow).

3.0 Project Completion/Commissioning (Main PH):

The Kishanganga HE Project was scheduled to be completed in period of 7 years (84 months) i.e. by 13th January, 2016 from the date of CCEA sanction as stipulated vide MOP letter dated 14.01.2009. However, NHPC Ltd. indicated the commissioning/commercial operation date as 24.05.2018 with a time overrun of 28 months 11 days in their RCE at completion cost.

The unit wise commissioning schedule as indicated in NHPC latter dated 27.12.2018 is as under:

Sl. No.	Description	Schedule commission	Actual Commission	Actual COD
1	1st Unit	13.11.2016	13.03.2018	18.05.2018
2	2nd Unit	13.12.2016	21.03.2018	24.05.2018
3	3rd Unit	13.01.2016	30.03.2018	24.05.2018

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4.0 Submission of Revised Cost Estimates at Completion Level

Previously, NHPC vide letter dated 20.04.2017 submitted 2nd RCE at Jan'17 PL.This was vetted for an amount of Rs. 5723.06 crores at Jan'17 PL (Including IDC&FC of Rs. 78.58 crores) along with the cost of Dam Toe Power House (Rs. 24.56 crores) vide letter dated 14.06.2018. However, the same was returned by MoP vide letter dated 30.07.2018 with the direction to reframe the RCE at completion cost incorporating all the observations raised by IFD (MOP).

In the of line with the direction of MOP, NHPC submitted RCE at Completion Cost of Kishanganga HE Project for an amount of Rs.5840.97 crores (including IDC & FC of Rs.77.57 crores and cost of Dam Toe Power House amounting to Rs 27.46 crores at May'18 PL which includes IDC/FC of Rs 1.30 crores) along with Introductory Note on Time & Cost Overrun to MOP and with a copy to CEA (HPA Div.) for examination and approval vide letter dated 08.10.2018.

CEA vide letter dated 28.11.2018 sent comments on the RCE and informed M/s NHPC that the cost of Dam Toe Power House may be treated at separate proposal as till now the packages are not awarded and construction work is yet to start The same is considered separately. **Therefore, all analysis presented is only for Main PH (330 MW) at completion level.**

NHPC vide letter dated 27.12.2018 submitted the clarifications/replies to the comments of CEA along with requisite supporting documents. The details of submission are given below:

(Rs. Crores)

Description Main PH (330 MW)	Approved Cost as per 1st RCE (Sept. 2007 PL)	RCE submitted at Completion Cost by M/s NHPC (05/18)		
		Expenditure upto COD	Balance Amount	Total Cost
Civil Works	3094.82	4598.77	389.7	4988.47*
E&M works	487.14	608.70	78.84	687.54
Security Charges	51.57	62.01	-2.07	59.94
Sub-Total		**5269.48**	**466.46**	**5735.94**
Total Hard Cost	**3633.53**	-	-	**5735.94**
IDC & FC	8.52	77.57	0	77.57
	Sub Total	**5347.05**	**466.46**	
Total Cost (Main PH)	**3642.05**			**5813.51 ****

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*Includes total Cost of Establishment amounting to Rs 703.60 crores (Rs 693.51 crores as Expenditure Incurred upto COD and Rs 10.09 crores as Balance amount)

** Excluding Cost of Dam Toe PH

5.0 Examination/Clearances of Technical Aspects:

A change in Design memo was submitted vide M/s NHPC letter dated 20.01.2017. Technical aspects were vetted and clearances were received vide HE&TD, CEA Division letter dated 20.03.2017, Gates Design Directorate, CWC vide letter dated 05.12.2016, HCD, (CWC) vide letter dated 17.05.2016 & 17.05.2017, PSPA-I letter dated 05.02.2017 and 10.10.2017.

Further, the project (Main PH) has already been commissioned and NHPC vide letter dated 23.10.2018 informed that there is no change in the project salient features and are same as approved in the Design change Memo in respect of Kishanganga HE Project (Main & Dam Toe PH) by CEA vide letter dated 11.04.2018.

6.0 Time Overrun as indicated by NHPC (Main PH):

As per submission made by M/s NHPC, the net delay up to COD "(i.e. 24.05.2018) is **28 months 11 days.**

7.0 Examination of Revised Cost Estimates at Completion Level (Main PH):

7.1 The Revised Cost Estimate at Completion Level (Main PH) along with RCE of Dam Toe PH at May'2018 PL was forwarded to TCD of CEA vide HPA letter dated 16.10.2018 for examination and comments/clearance of the same

Since the revised cost estimates at completion cost comprises of already incurred expenditure and anticipated balance expenditure, **CEA has no mechanism to examine such a fait accompli expenditure. The responsibility of authenticity and correctness of expenditure indicated in the RCE lies with the project developer.** However, the analysis of the RCE is given in following paragraphs.

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7.2 Examination of Revised cost estimate at completion level of Civil works by TCD Division of CEA:

The Revised Cost Estimate in respect of civil works at Completion level have been examined by TCD Division of CEA and clearance given vide letter dated 01.02.19 with following observations:

A-Consortia Works (Major civil works):

i. Under Consortia Works, approved provision as per Ist RCE is Rs. 2431.93 Cr at September, 2007 price level. The submitted provision in present RCE at completion is Rs. 3264.98 Cr which includes balance works of Rs. 51.17 Cr. As per documents submitted by M/s NHPC, the recommended provision is also kept as Rs. 3264.98 Cr..

B-M/s NHPC portion of Works

ii. Under A-Preliminary, approved provision as per Ist RCE is Rs. 11.13 Cr at September, 2007 price level. The submitted provision in present RCE at completion is Rs. 18.92 Cr. The provision under this sub-head is restricted to Rs. 18.71 Cr.

iii. Under B-land, approved provision as per Ist RCE is Rs. 225.63 Cr. at September, 2007 PL. The submitted provision in present RCE at completion is Rs. 505.24 Cr. As per documents submitted by M/s NHPC, the recommended provision is Rs. 472.53 Cr.

iv. The approved provision under C-Works is 2.72 Cr at September 2007 PL. The provision under C-Works as per submission is Rs. 7.06 Cr. at May' 2018 PL. The recommended provision under C-works is Rs 6.06 Cr as per documents provided by M/s NHPC.

v. The approved provision under J-Works is Nil at September,2007 PL. The provision under J-Works as per submission is Rs. 4.26 Cr . As per documents submitted by M/s NHPC, the recommended provision is also kept as Rs. 4.26 Cr.

vi. The approved provision under K-Building is Rs. 69.48 Cr at September, 2007 PL. The submitted provision in present RCE is Rs 119.17 Cr. The finalized provision is Rs. 115.93 Cr as per documents provided by M/s NHPC.

vii. The approved provision for O-Miscellaneous is Rs. 47.83 Cr at September, 2007 PL. The submitted provision in present RCE is Rs 81.29 Cr. The recommended provision is Rs. 75.21 Cr.

viii. The approved provision for P-Maintenance during construction is Rs. 2.76 Cr at September,2007 PL. The submitted provision in present RCE is Rs. 3.47 Cr at May'2018 PL. As per documents submitted by M/s NHPC, the recommended provision is also kept as Rs. 3.47 Cr.

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ix. The approved provision for Q-Special T&P is Rs. 5.95 Cr at September, 2007 PL. The submitted provision in present RCE is Rs. 8.51 Cr. The finalized provision is Rs. 6.06 Cr as per documents provided by M/s NHPC.

x. The approved provision under R-Communication is Rs. 80.07 Cr at September,2007 PL. The submitted provision in present RCE is Rs. 90.59 Cr which has been restricted to Rs.90.36 Cr in consultation with project engineers of M/s NHPC.

xi. The approved provision under X-Environment & Ecology is Rs. 49.77 Cr at September, 2007 price level. The submitted provision in present RCE is Rs. 190.82 Cr. As per documents submitted by M/s NHPC, the recommended provision is also kept as Rs. 190.82 Cr.

xii. The approved provision under Establishment Head is Rs. 98.62 Cr (civil component) at September, 2007 price level. The submitted provision under the head establishment in present RCE is Rs. 475.67 Cr (civil and HM component combined) because of increase in pay & allowances. The finalized provision is restricted to Rs. 468.85 Cr (for civil and HM component).

xiii. The approved provision under V-Receipt and Recoveries is Rs. -6.84 Cr at September, 2007 price level. The submitted provision in present RCE is Rs. -11.02 Cr. As per documents submitted by M/s NHPC, the recommended provision is also kept as Rs. -11.02 Cr.

Abstract of Civil Cost is given at **Annex-I**

7.3 Examination of Revised cost estimate at completion level of E&M works by HPA Division

(Rs in Crores)

Item Main PH (330 MW)	Approved Cost as per 1st RCE (Sept. 2007 PL)	Awarded Cost (Main PH)	Completion Cost submitted by NHPC/ Vetted by CEA		
			Expenditure upto COD	Balance Amount	Total
Cost of Supply of E&M Plant & Machinery	430.25	430.25	531.90	52.11	584.01
Cost of Transportation, Storage, Erection, Testing & Commissioning of E&M Plant & Machinery.	56.89	56.89	76.80	26.73	103.53
Total	487.14	487.14	608.70	78.84	687.54

a) Escalation factors taken into consideration for different electromechanical plant & machinery for calculation of Price Adjustment in respect of their supply has been calculated on the "Date of Supply" of each item as per the provision of contract.

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b) Calculation of Price Adjustment for supply(balance), have been done as per the Special Conditions of Contract(SCC) of EM supply contract

c) Certificate in respect of the price variation for E& M works for the on shore and offs shore components paid as per the provisions of E&M contract has been furnished by the developer

d) Certificates in respect of Expenditure incurred upto COD for E&M works has been furnished by the developer

Abstract of E&M Cost is given at **Annex-II**

8.0 Analysis of Completion Cost submitted by NHPC and observations of CEA

Details of cost estimates approved by GOI vide letter dated 14.01.2009 sanctioned/approved by CCEA at Sept., 2007 PL, Awarded cost and Revised Cost estimate at Completion Level submitted by NHPC for main PH (3x110 MW) is as following:

(Rs. Crores)

Item Main PH (330 MW)	Approved Cost as per 1st RCE (Sept. 2007 PL)	Awarded Cost (Main PH) 22.1.2009	Completion Cost submitted by NHPC (05/18)		
			Expenditure upto COD	Balance Amount	Total
A. Main Contract Works:					
i). Main Civil & HM Works ($)	2431.93	2239.35	3213.81	51.17	3264.98
ii). Main E&M Works (#)	487.14	487.14	608.70	78.84	687.54
Sub-Total (A)	**2918.97**	**2726.49**	**3822.51**	**130.00**	**3952.52**
B. Other Works:					
i) Other Civil Works (*)	517.03	-	691.44	328.45	1019.89
ii) Other E&M Works(@)	-	-			-
iii) Establishment (%)	145.87	-	693.51	10.09	703.60
Sub-Total (B)	**662.9**	**-**	**1384.95**	**338.54**	**1723.49**
C. Security Charges	51.57	-	62.01	-2.07	59.94
Total Hard Cost(A+B+C)	**3633.53**	**-**	**5269.47**	**466.47**	**5735.94**
IDC & FC	8.52	-	77.57	0	77.57
Total Cost of Main PH	**3642.05**	**-**	**5347.04**	**466.47**	**5813.51**

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($) Includes cost of Planning, Design, Engineering + Civil Works + Supply of HM Plant & machinery + Contingencies for civil works + Transportation, Storage, Erection, Testing & Commissioning of HM Plant & Machinery

(#) Includes Cost of Supply of E&M Plant & Machinery + Cost of Transportation, Storage, Erection, Testing & Commissioning of E&M Plant & Machinery.

(*) Includes Cost of I works (other than Main C & J Works) + T&P + Receipts & Recoveries + Indirect Charges +Overhead of E&M Works

(@) Included in Other Civil Works

(%) Includes Total Cost of Establishment for both Civil and E&M works.

9.0 Analysis of Completion Cost vetted by CEA

Item Main PH (330 MW)	Approved Cost as per 1st RCE (Sept. 2007 PL)	2nd RCE Vetted Cost at Completion level		
		Expenditure upto COD	Balance Amount	Total
A. Main Contract Works:				
i). Main Civil & HM Works ($)	2431.93	3213.81	51.17	3264.98
ii). Main E&M Works (#)	487.14	608.70	78.84	687.54
Sub-Total (A)	**2918.97**			**3952.52**
B. Other Works:				
i) Other Civil Works (*)	517.03	680.19	292.20	972.39
ii) Other E&M Works(@)	-			-
iii) Establishment (%)	145.87	693.51	0.00	693.51##
Sub-Total (B)	**662.9**			**1665.90**
C. Security Charges	51.57	62.01	-2.07	59.94
Total Hard Cost(A+B+C)	**3633.53**			**5678.36**
IDC & FC	8.52	77.57	0	77.57
Total Cost of Main PH	**3642.05**	**5335.79**	**420.14**	**5755.93**

($) Includes cost of Planning, Design, Engineering + Civil Works + Supply of HM Plant & machinery + Contingencies for civil works + Transportation, Storage, Erection, Testing & Commissioning of HM Plant & Machinery

(#) Includes Cost of Supply of E&M Plant & Machinery + Cost of Transportation, Storage, Erection, Testing & Commissioning of E&M Plant & Machinery.

(*) Includes Cost of I works (other than Main C & J Works) + T&P + Receipts & Recoveries + Indirect Charges +Overhead of E&M Works

(@) Included in Other Civil Works

(%) Includes Total Cost of Establishment for both Civil and E&M works. Details of Calculation of Establishment Cost is given in following paragraphs.

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Analysis of Cost of Establishment Works:

As per CCEA sanctioned cost at Sept., 2007 PL the approved cost under head Establishment is Rs 145.87 crores (Rs 98.62 crores for Civil & HM Works and Rs 47.25 crores for E&M Works)

The submitted provision under the head establishment in present RCE by M/s NHPC is amounting to Rs. 703.60 crores including Rs 475.67 crores for Civil and HM component and Rs 227.93 crores for E&M component respectively. The Expenditure incurred upto COD amounts to Rs 693.51 crores including Rs 468.85 crores for Civil and HM component and Rs 224.66 crores for E&M component respectively.The Balance amount claimed in the RCE as submitted by M/s NHPC is Rs 10.09 crores.

The amount finalized under this head is restricted Rs 693.51 crores (Rs. 468.85 crores for Civil and HM and Rs. 224.66 crores for E&M component respectively) i.e upto COD.

(Rs in Crores)

Item	Approved Cost as per 1st RCE (Sept. 200'7 PL)	Completion Cost submitted by NHPC(05/18)			2nd RCE / Vetted Cost by CEA at Completion level
		Expenditure upto COD	Balance Amount	Total	
Establishment Cost (Civil & HM Works)	98.62	468.85	6.82	475.67	468.85
Establishment Cost (E&M Works)	47.25	224.66	3.27	227.93	224.66
Total Cost of Establishment	**145.87**	**693.51**	**10.09**	**703.60**	**693.51**

10.0 Analysis of Completion Cost submitted by M/s NHPC w.r.t the Approved Cost as per 1st RCE and Vetted Cost

a) Details of variation in Awarded cost of Main Contract Works w.r.t Approved Cost as per 1st RCE (Sept. 2007 PL), is given below :

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Item	Approved Cost as per 1st RCE (Sept. 2007 PL)	Awarded Cost (Main PH)	Approved Cost as per 1st RCE (Sept. 2007 PL) w.r.t Awarded cost	
			Rs.Crores	%
Main Civil & HM Works	2431.93	2239.35	-192.58	-7.92
Main E&M Works	487.14	487.14	0	0.00
Total	**2919.07**	**2726.49**	-192.58	-6.60

The Civil works were awarded by NHPC at 6.60% lower cost than the corresponding Approved Cost. The E&M works were awarded at same cost corresponding to sanctioned cost.

b) Details of variation in Vetted Cost as approved by CEA at Completion level w.r.t Awarded Cost is given below

Item	Awarded Cost	2nd RCE Vetted Cost at Completion level (05/18)	2nd RCE Vetted Cost CEA at Completion level w.r.t awarded cost	
			Rs.Crores	%
Main Civil & HM Works	2239.35	3264.98	1025.63	45.80
Main E&M Works	487.14	687.54	200.40	41.14
Total	**2726.49**	**3952.52**	1226.03	44.97

There is an increase of 44.97 % in Awarded Cost w.r.t Vetted Cost at Completion level.

11.0 Overall Analysis of Completion Cost and Cost Overrun (Main PH):

The Revised Cost Estimate at Completion Cost of Kishanganga HE Project (3x110 MW) for Main PH was submitted for an amount of Rs. 5813.51crores (including IDC & FC of Rs.77.57 crores) , The Approved Cost as per 1st RCE at Sept 2007 PL is Rs.3642.05 crores (including IDC & FC of Rs.8.52 crores). The Vetted Cost as approved by CEA at Completion level is Rs 5755.93 crores (including IDC & FC of Rs.77.57 crores)

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Thus, there is a total cost overrun of **Rs. 2113.88** crores between Vetted Cost as approved by CEA at Completion level and Approved Cost as per 1st RCE at Sept 2007 PL. The details cost overrun are given below:

Item Main PH (330 MW)	Approved Cost as per 1st R CE (Sept. 2007 PL)	2nd RCE Vetted Cost at Completion level (05/18)	Comparison of Vetted Cost at Completion level w.r.t Approved cost	
			Rs Crores	%
A. Main Contract Works:				
i). Main Civil & HM Works ($)	2431.93	3264.98	833.05	34.25
ii). Main E&M Works (#)	487.14	687.54	200.4	41.14
Sub-Total (A)	**2918.97**	**3952.52**	**1033.45**	**35.40**
B. Other Works:				
i) Other Civil Works (*)	517.03	972.39	455.36	88.07
ii) Other E&M Works(@)	-	-	-	-
iii) Establishment (%)	145.87	693.51	547.64	375.43
Sub-Total (B)	**662.90**	**1665.90**	**1003.00**	**151.30**
C. Security Charges	51.56	59.94	8.38	16.25
Total Hard Cost(A+B+C)	**3633.53**	**5678.36**	**2044.83**	**56.28**
IDC & FC	8.52	77.57	69.05	810.45
Total Cost of Main PH	**3642.05**	**5755.93**	**2113.88**	**58.04**

($) Includes cost of Planning, Design, Engineering + Civil Works + Supply of HM Plant & machinery + Contingencies for civil works + Transportation, Storage, Erection, Testing & Commissioning of HM Plant & Machinery

(#) Includes Cost of Supply of E&M Plant & Machinery + Cost of Transportation, Storage, Erection, Testing & Commissioning of E&M Plant & Machinery.

(*) Includes Cost of I works (other than Main C & J Works) + T&P + Receipts & Recoveries + Indirect Charges +Overhead of E&M Works

(@) Included in Other Civil Works

(%) Includes Total Cost of Establishment for both Civil and E&M works.

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There is an increase of 58.04% in **Vetted Cost at Completion level** *w.r.t.* Approved Cost as per 1st RCE (Sept. 2007 PL)

Further, Reason-wise quantification of variation i.e. Rs **2113.88** crores is given below:

(Rs. Crores)

Reasons Overrun	Civil & HM works	E&M works	Security charges	IDC & FC	Others	Total
Price escalation	1365.97	175.51	0	-	--	1541.48
Exchange Rate variation(ERV)	77.95	13.29	0	-	--	91.24
Statutory Levies	56.98	12.42	0	-	--	69.4
Change in scope	0	0	0	-	--	0
Addition/deletion	176.11	0	0	-	--	176.11
Under/Over estimation	283.38	0	8.37	69.05	--	360.8
Others Causes	-124.33($)	-0.82	0	0	-	-125.15
Total	**1836.06(*)**	**200.40**	**8.37**	**69.05**	-	**2113.88**

(*) Includes variation in total cost of Establishment

($) Decrease is in Direct Charges in Consortia Works, B-Land ,K-Building,O-Miscellaneous, P-maintainence during Construction,R-Communication,X-Environment & Ecology for Civil & HM Works and Generating Unit Plant & Equipment for E&M Woks respectively.

12.0 Cost of Dam Toe PH(3X0.8 MW) of Kishanganga HEP

Earlier, the cost of Dam Toe PH was appraised for an amount of Rs 24.56 crores at Jan'17 PL (Rs 16.73 crores for Civil Works and Rs 7.83 crores for E&M works) vide HPA letter dated 22.11.17.

M/s NHPC submitted updated Cost of Dam Toe Power House amounting to Rs 27.46 crores(including IDC/FC of Rs 1.30 crores)along with the RCE at completion level of Main PH for examination and approval vide letter dated 08.10.2018.

The same was examined and it was found that the cost of Dam Toe PH in submission made by M/s NHPC was calculated in the pre-GST regime. Discussions were held with representatives of M/s NHPC and it was agreed upon to retain the earlier appraised cost i.e Rs 24.56 crores at revised price level i.e May'18 for which M/s NHPC furnished letter dated 6.2.19.

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Therefore, Cost of Dam Toe PH is retained as Rs 25.56 crores at May'18 PL(Rs 16.73 crores for Civil Works and Rs 7.83 crores for E&M works at May'18PL and Rs 1 crore as IDC/FC).
Details of Abstract of Cost are given at **Annex-III** and **Annex-IV**

Accordingly, 2nd RCE at Completion level (05/18) of Kishanganga HEP Main PH (330 MW) in Jammu & Kashmir for Rs 5755.93 crores is forwarded for further necessary action.

This issues with approval of Competent Authority.

Encl: as above

8/2/19

(Arpita Upadhyay)
Deputy Director (HPA)
ई-मेल: hpaone-cea@gov.in

Joint Secretary (Hydro), MoP, Shram Shakti Bhawan, Rafi Marg, New Delhi-01

सं:.N.R./203/10/2019/HPA/ 212 to 215 Dated: 08.02.2019

Copy to:

1. Chief Engineer (TCD), CEA
2. Director (PAC), CEA
3. Chief Engineer (Planning), NHPC Limited, NHPC Office Complex, Sec.-33, Faridabad, Haryana-121003

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ANNEX-VII

ANNEX-VII

No.2/7/2016-NHPC
Government of India
Ministry of Power

Shram Shakti Bhawan, Rafi Marg,
New Delhi, Dated 18.09.2019

Sub: I[st] Meeting of the Revised Cost Committee held on 28.08.2019 regarding time & cost over-run in respect of Kishanganga Hydro-electric Project in J&K, implemented by NHPC Ltd.

A Copy of Minutes of meeting of the Revised Cost Committee held on 28.08.2019 regarding time & cost over-run in respect of Kishanganga Hydro-electric Project in J&K, implemented by NHPC Ltd. is enclosed for information and necessary action please.

18.9.19

(**Anil Bajpai**)
Under Secretary to the Govt. of India
Tel.23324357

1. Special Secretary & Financial Adviser, Ministry of Power, Transport Bhawan, New Delhi.
2. Adviser (Costs), Ministry of Finance (Deptt. of Expenditure) Room No.207, 2nd Floor, C Wing, Loknayak Bhawan, New Delhi.
3. Member (HE), CEA, R.K. Puram, New Delhi-110066.
4. CMD, NHPC Ltd., Sector-33, Faridabad,

Copy to :

PS to JS (H)/PS to DS(H-II)/ PS to DS (Finance), Ministry of Power.

Minutes of the meeting of the Revised Cost Committee (RCC) on Time and Cost overrun of Kishanganga HE Project, held on 28.08.2019 under the Chairpersonship of Special Secretary & Financial Advisor, MOP.

1. List of participants is enclosed as Annex

First meeting of the Revised Cost Committee (RCC) on Time and Cost overrun of Kishanganga HE Project was held in Room No. 516, Transport Bhawan, New Delhi at 3:30 PM on 28.08.2019 under the Chairpersonship of Special Secretary & Financial Advisor, MOP.

2. Chairperson, Revised Cost Committee, welcomed the participants and requested NHPC to explain the background of Kishanganga HE Project.
3. Director (Fin), NHPC after welcoming the Hon'ble members of the RCC & other participants, intimated that the project was commissioned on 24.05.2018 and generating power since then.
4. GM (Planning) further made a presentation on the project features and associated time and cost overrun in commissioning of the project.
5. The reasons for time overrun were discussed first and it was intimated that the scheduled construction period of the project was 84 months. Against this, the project was completed in 112 months and 11 days. The reasons for time overrun were explained to the committee in detail. The committee deliberated and agreed with the reasons of time overrun attributed to various hindrances viz. international disputes, law & order problems, natural calamities and other hindrances.
6. Chairperson of the committee directed that the relevant documents substantiating the reasons & period of time overrun shall be appended with the report of the RCC.
7. Further, the cost overrun associated with the project was deliberated. Director (Finance) explained that the sanctioned cost of the project was Rs. 3642.04 crore at Sept-07 Price Level. The completion cost, as examined and vetted by CEA, amounts to Rs. 5781.49 crore, which includes cost of Dam Toe Power House of Rs. 25.56 crore.
8. Director (Finance) further explained that the overall cost overrun at the project is estimated to be Rs. 2139.45 crore with the following details:

- The total cost overrun of the project is Rs. 2139.45 crore (58.74% of sanctioned cost).
- The cost overrun, excluding Price Escalation (PE), Exchange Rate Variation (ERV) and Statutory levies (SL) within approved time cycle, works out to be Rs. 801.25 crore (=2139.45-1250.09-68.23-19.88), which is 22.00% of the latest sanctioned cost.
- Head-wise details and reasons of cost overrun with respect to sanctioned cost estimate were explained to the committee.

9. The Chairperson enquired the reasons for higher increase under the head of Establishment which is Rs 693.51 crore whereas the sanctioned cost under this head is Rs 145.87 crore.
10. NHPC explained that against provision of Rs. 145.87 crore in the latest sanctioned cost, the establishment cost as vetted by CEA in the RCE at completion cost is Rs. 693.51 crore. There is an increase of Rs. 549.15 crore under this head, which is mainly due to price escalation (Rs. 178.56 crore) due to revision in wages etc, Addition/deletion (Rs. 24.79 core) towards additional expenditure till zero date of the project, under estimation (Rs. 344.29 crore) and establishment towards the provision of Dam Toe Power House of Rs. 1.51 crore.
11. Chairperson of the committee expressed serious concern over the increase in the establishment cost.
12. JS (Hydro), MOP intimated that there is a stipulated guideline of CEA to calculate provisions under head of establishment of hydro project considering the complexities of the particular project. As per the CEA guidelines the expenses under head of Establishment comes out to Rs. 570.84 crore against Rs 693.51 crore. Accordingly, the establishment expenses on the project may be restricted to Rs. 570.84 crore. The Director, HPA, CEA confirmed the same.
13. Chairperson and the Advisor, Cost, MOF agreed with the proposal to restrict the establishment cost to Rs. 570.84 crores as per guidelines and directed to incorporate the same in the report of RCC.
14. In view of this, the completion cost works out to Rs 5658.82 crore and cost overrun amounts to Rs 2016.78 crore. This is 55.38% with respect to the sanctioned cost. However, the cost overrun excluding Price Escalation (PE), Exchange Rate Variation (ERV) and Statutory levies (SL) within approved time cycle, works out to be Rs. 678.58 crore (=2016.78 - 1250.09 - 68.23 - 19.88), which is 18.63% of the latest sanctioned cost.
15. In terms of Para 9 of the Ministry of Finance O.M. No.24/(35)/PF-II/2012, dated 05.08.2016, in case of Revised Cost Estimate (RCE), increase in costs due to Price Escalation (PE), Exchange Rate Variation (ERV) and Statutory Levies (SLV) within approved time cycle and / or increase in costs up to 20% due to any other reason , are covered by the approval of original cost estimates. Any increase in this regard would be approved by Secretary of the Administrative Department concerned with the concurrence of Financial Advisor.
16. JS (Hydro) desired to know about the reason for less generation and details of loss per day due to less generation at Kishanganga HE Project. Director (Technical) explained the problem arising in generation of power at Kishanganga HE Project in detail. It is informed that HCC has not supplied required spares and this is resulting in problems in generation of power. After detailed deliberation, the chair has directed to take the necessary action against the contractor i.e. levy of liquidated damage etc and encash the Bank

Guarantee of contractor so that payment of BHEL dues may be made from encashed amount of BG and then BHEL may provide the spares and equipment as required at the site.

17. The committee deliberated, concluded and recommended the proposal of RCE of Kishanganga HE Project amounting to Rs.5658.82 crore and total time overrun of 28 months 11 days.

***** The meeting ended with vote of thanks to the Chair ****

Annexure

List of participants

S.No.	Name of the officer	Designation
Ministry of Power		
1.	Sh. Shambhu Singh	Special Secretary and Financial Adviser
2.	Sh. Aniruddha Kumar	Joint Secretary (Hydro)
3.	Sh. Anand Upadhyay	Dy. Secretary
4.	Sh. Vishal Pal Singh	Dy. Secretary
Ministry of Finance		
1.	Sh. J Bose	Adviser(Cost)
Central Electricity Authority		
1.	Sh. Shravan Kumar	Director(HPA-II)
NHPC Ltd		
1.	Sh. Mahesh Kumar Mittal	Director(Finance)
2.	Sh. Janardan Choudhary	Director(Technical)
3.	Sh. Vijay Kumar	Executive Director (Fin)
4.	Sh. A K Singh	Executive Director (PMSG)
5	Sh. Harish Kumar	Chief General Manager (Planning)
6.	Sh. Vipin Gupta	General Manager (CED)
7.	Sh. Ashish Chouksey	General Manager (Planning)