

# EASTERN REGIONAL POWER COMMITTEE

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No.ERPC/COM-I/REA/2016/

Date: 02.12.2016

To: As per list attached.

Sub: Provisional Regional Energy Accounting (REA) of Eastern Region for the month of November' 2016 [Except Page 11/11].

Sir,

Please find enclosed a copy of the ABT based Provisional Energy Account for the month of November'2016 [Except Page 11/11].

The REA for Chukha HPS, Tala HPS and Kurichu HPS [Page 11/11] for this month would be issued subsequently.

The following considerations were made in the preparation of REA for this month:

- a) The REA for the month has been prepared provisionally considering AFC as per available CERC orders.
- b) This REA has been prepared in line with the CERC (Terms & Conditions of Tariff), Regulations 2014.
- c) Barh STPS Stage-II (660 MW, Unit No. V) of NTPC, declared under Commercial Operation with effect from 00:00 hrs. of 18.02.2016. The tariff for Barh has not yet been finalized by CERC. However, indicative figures as intimated by NTPC have been incorporated. Further, from 00:00 Hrs. of 25.11.2014, 15% Un-allocated share from Barh STPS Stage – II allocated to Madhya Pradesh (WR) was withdrawn and re-allocated on pro rata basis to firm share holders.
- d) The C.S. shares from ER-NTPC stations surrendered temporarily by Meghalaya to Assam have been extended till further orders as per MoP/CEA order.
- e) 25 MW of Solar Power from Rajasthan ( M/s Sun Technique Solar Pvt. Ltd. ) under the scheme of JNNSM Phase – I was allocated to West Bengal-15 MW, Odisha-5 MW, DVC-5 MW which have duly considered in this REA w.e.f. 00:00 Hrs. of 05.12.2014. W.e.f 28.03.2014 equivalent coal power was allocated to DVC against 10 MW Talcher solar of NTPC.
- f) As informed by NTPC, w.e.f 01.09.2016 15% allocation from Farakka Stage-II to Bihar has been withdrawn and power is being sold outside Long Term PPA.
- g) The statement of Bilateral Transactions for the month of November'2016 will be issued separately.

Constituents are requested to intimate any discrepancy / error within two months from the date of issue of this provisional REA. In case of any discrepancy/error, the provisional REA would be revised based on re-examination, final decision and confirmation. In case no communication is received from any of the constituents indicating mistakes / discrepancy, the provisional REA as issued, would be treated as final.

Yours faithfully,

Encl.: As above.

(A.K.Bandyopadhyaya)  
Member Secretary

## **DISTRIBUTION LIST**

- 1) CHIEF ENGINEER, TRANSMISSION (O&M), Bihar State Electricity Board, Vidyut Bhawan, Bailey Road, Patna-800021 (FAX:0612 2227557).
- 2) CHIEF ENGINEER (COMML.), Damodar Valley Corporation, DVC Tower, VIP Road, Kolkata-700054 ( FAX: 033 23552129 )
- 3) CHIEF ENGINEER (COMML. & REVENUE ), Jharkhand State Electricity Board, HEC Engineering Building, Dhurva, Ranchi-834002 (FAX : 0651 2400799 / 2490486 ) .
- 4) Addl. Chief Engineer (SLDC/EHV), Deptt. of Power, Govt. of Sikkim, Kazi Road, Gangtok-737101 (FAX:03592 202927/209199)
- 5) CHIEF ENGINEER (PTR), West Bengal State Electricity Distribution Company Limited, Bidyut Bhawan, 8<sup>th</sup> Floor, Bidhannagar, Kolkata-700091 (FAX : 033 2334 5862)
- 6) General Manager (Commercial), NTPC Ltd., Loknayak Jaiprakash Bhawan, Dakbungalow Chowk, Patna-800001(FAX: 0612 2230035 / 2224287 )
- 7) Regional Executive Director (East-II), 3<sup>rd</sup> Floor, OCHC Building (New), 24, Janpath, Bhubaneswar - 751001 (Fax No. 0674-2394857)
- 8) Addl. General Manager (Commercial), ERTS-I, POWERGRID, Boring Road, Alankar Place, Patna-800001. ( FAX: 0612 2234097/2228984)
- 9) Chief Engineer ( Commercial ), NHPC Ltd., NHPC Office Complex, Sector-33, Faridabad, Haryana - 121003, ( TELEFAX : 0129 2278358)
- 10) General Manager, ERLDC, 14 Golf Club Road, Kolkata-700033 (FAX: 033 2423 3648)
- 11) Sr. General Manager (PP), GRIDCO, 4th Floor, Vidyut Bhawan, Saheed Nagar, Bhubaneswar-751007
- 12) Member Secretary, WRPC, MIDC Area, Marol, Andheri(E), Mumbai-400093 (FAX : 022 2837 0193 ) .
- 13) Member Secretary, NRPC, Katwaria Sarai, 18A SJSS Marg, New Delhi-16 (FAX 01126865206 ) .
- 14) Member Secretary, SRPC, 29, Race Course Road, Bangalore-560009 (FAX : 080 2259343 ) .
- 15) Member Secretary, NERPC, NERPC Complex, Dong Parmaw, Lapalang, Shillong-793006, Meghalaya
- 16) Chief Engineer (Commercial), M.P. Power Management Co. Ltd., Shakti Bhawan, Vidyut Nagar, Rampur, Jabalpur-482008 (Fax No. 0761-2661884)
- 17) Chief Engineer(PP), MSEDCL, Prakashgarh, 4<sup>th</sup> Floor, Bandra(East), Mumbai- 400051.
- 18) Chief Engineer.(Commercial), CSEB, Dandania, Post Sunder Nagar, Raipur-492013.
- 19) Executive Engineer, Electricity Department, Administration of Dadra and Nager Haveli, SILVASSA, Via. VAPI, PIN : 396 230.
- 20) Executive Engineer, Electricity Department, Administration of Daman & Diu, Power House Building, Nani Daman – 396 210.
- 21) Executive Engineer Division-III, Electricity Department, Government of Goa, Curti, Ponda- Goa (FAX-0832-2222354)
- 22) Chief Engineer(Operation), Main Load Despatch Centre, TNEB, 802 Anna Salai, Chennai-600002.
- 23) General Manager, Energy Accounts Dept., UPPCL, Shakti Bhawan Extn., 14 Ashok Marg, Lucknow-226001.
- 24) Chief Engineer(Comml & Survey Wing), Power Dev. Deptt., Govt. of J&K, GLADNI, Narval Bala, Jammu-180006.
- 25) Chief Engineer , Rajasthan Power Procurement Centre, Bidyut Bhawan, Janpath, Jaipur.
- 26) General Manager (SLDC), SLDC building,, Minto Road, New Delhi-110002.(FAX-011-2322-1012)
- 27) Director (Interstate Billing), PSEB, 220 Kv Grid S/s, The Mall, Patiala-147001.
- 28) Chief Engineer (SO&Commercial), HVPNL ,, Shakti Bhawan, Sector-6, Panch kula-134109.
- 29) GM (Commercial-Tariff), ASEB, Bijulee Bhawan, Paltan Bazar, Guwahati- 781001.
- 30) Chief Engineer (Power ), Deptt. of Power, Govt. of Nagaland, Kohima –797 001.
- 31) Member (Technical) MeSEB, Lumjingshai, Short Round Road, Shillong.
- 32) Chief General Manager (RT & C), OPTCL, Janpath, Bhubaneswar-751022.(Tel FAX-0674 2542 120)
- 33) Vice President (CS-CB), PTC India Limited, 2nd Floor, NBCC Tower, 15, Bikaji Cama Place, New Delhi –110065 ( FAX : 011 41659142 )
- 34) Executive Director(Finance), Gujarat Urja Vikas Nigam Ltd., Sardar Patel Vidyut Bhawan, Race Course, Vadodara – 390007.
- 35) Chief G. M., Uttarakhand Power Corp. Ltd., Urja Bhawan, Kanwali Road, Dehradun - 248006.
- 36) Superintending Engineer(E), UT of Chandigarh, 5th Floor, New Addl. Office Bldg., Sector-9D, Chandigarh-160 009.
- 37) Chief Engineer (System Operation), Himachal Pradesh State Electricity Board, Vidyut Bhawan, Kumar House Complex , Block-II, Shimla-171004.
- 38) S.E.-I, Electricity Department, N0.137, NSC Bose Salai, Puducherry-605001.
- 39) AGM(BD / P&S), NVVNL, NTPC BHAWAN, Core-7, Scope Complex, 7, Institutional Area, Lodhi Road, New Delhi – 110 003 (FAX 011 24367201)
- 40) AVP (Power Sales), STERLITE Energy Limited., 1st Floor, City Mart, Commercial Complex, Baramunda, Bhubaneswar ORISSA, PIN-751003 ( FAX : 0674-2354221-6610342 )

**EASTERN REGIONAL POWER COMMITTEE :: KOLKATA****REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF NOVEMBER- 2016**

(\*) C.O.D. OF UNIT # 5 OF KhSTPS STAGE - II ON 00:00 HRS. OF 01.08.2008

(\*) C.O.D. OF UNIT # 4 OF Barh STPS STAGE - II ON 00:00 HRS. OF 15.11.2014

(\*) C.O.D. OF UNIT # 6 OF KhSTPS STAGE - II ON 00:00 HRS. OF 30.12.2008

(\*) C.O.D. OF UNIT # 5 OF Barh STPS STAGE - II ON 00:00 HRS. OF 18.02.2016

(\*) C.O.D. OF UNIT # 7 OF KhSTPS STAGE - II ON 00:00 HRS. OF 20.03.2010

(\*) C.O.D. OF UNIT # 6 OF FSTPS STAGE - III ON 00:00 HRS. OF 04.04.2012

**A. NTPC POWER STATIONS**

	FSTPS STAGE-I&II	FSTPS STAGE-III I/C = 500 MW	KhSTPS STAGE-I (*)	KhSTPS STAGE-II (*)	TSTPS STAGE-I	BARH STPS STAGE-II
<b>1</b> Installed Capacity (MW) :	<b>1600</b>	<b>425</b>	<b>840</b>	<b>1500</b>	<b>1000</b>	<b>1320</b>
<b>2</b> Normative Auxiliary Energy Consumption as per CERC Tariff Notification (%) : (2014-19)	<b>6.46875</b>	<b>5.7500</b>	<b>9.0000</b>	<b>5.7500</b>	<b>5.7500</b>	<b>5.7500</b>
<b>3</b> Ex-Bus Normative Capacity at 100% availability (MW) :	<b>1496.50</b>	<b>400.56</b>	<b>764.40</b>	<b>1413.75</b>	<b>942.50</b>	<b>1244.10</b>
<b>4</b> Proportional Annual Fixed Charge (AFC): ( full fixed charge recovery at 83% PAFM )	<b>9087606000</b>	<b>5352904763</b>	<b>5528437000</b>	<b>12706380000</b>	<b>5904124000</b>	<b>17609800000</b>
<b>5</b> Average Declared capacity (DC) for the month (ex-bus MW) :	<b>1429.50</b>	<b>400.60</b>	<b>717.09</b>	<b>1414.00</b>	<b>675.64</b>	<b>1098.65</b>
<b>6</b> Average Declared capacity (DC) for the month (ex-bus %) -- PAFM :	<b>95.52</b>	<b>100.01</b>	<b>93.81</b>	<b>100.02</b>	<b>71.69</b>	<b>88.31</b>
<b>7</b> Cumulative Availabilty (FY:2015-16) up to the preceeding month (%) :	<b>83.20</b>	<b>98.78</b>	<b>92.65</b>	<b>93.91</b>	<b>94.53</b>	<b>74.53</b>
<b>8</b> Cumulative Availabilty (FY:2015-16) including the current month (%) :	<b>84.72</b>	<b>97.02</b>	<b>92.79</b>	<b>94.66</b>	<b>91.72</b>	<b>76.22</b>
<b>9</b> Cumulative Capacity charge payable upto the current month in Rs. : [n x AFC/12) x ( PAFn / NAPAF )] ; n=1,2,.....,11,12(From April to March).	<b>6058404000</b>	<b>3568603175</b>	<b>3685624667</b>	<b>8470920000</b>	<b>3936082667</b>	<b>10781379569</b>
<b>10</b> Cumulative Capacity charge upto the preceding month in Rs. :	<b>5301103500</b>	<b>3122527778</b>	<b>3224921583</b>	<b>7412055000</b>	<b>3444072333</b>	<b>9224026983</b>
<b>11</b> Capacity Charge payable in the current month ( 9 - 10) in Rs. [CCn]	<b>757300500</b>	<b>446075397</b>	<b>460703083</b>	<b>1058865000</b>	<b>492010333</b>	<b>1557352587</b>

1 Rupee values are indicative only and will depend on CERC tariff orders as issued from time to time

2 DC for Farakka St-III Station as a whole (500MW) for the month = 96.36 %, 454.096 MW. 75 MW power is being sold outside Long Term PPA by NTPC

**Member Secretary**

**EASTERN REGIONAL POWER COMMITTEE :: KOLKATA****REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF NOVEMBER- 2016****A. NTPC POWER STATIONS ( Contd..)**

	FSTPS STAGE-I&II	FSTPS STAGE-III	KhSTPS STAGE-I (*)	KhSTPS STAGE-II (*)	TSTPS STAGE-I	BARH STPS STAGE-II
12 Total Scheduled Generation for the current month (MWH) :	821045.877548	248942.245442	429977.894642	834157.719420	475608.891419	622373.531561
13 Cumulative Scheduled Ex-bus Generation upto the preceding month (MWH) :	4561655.497502	1635236.439811	2758645.635894	4850686.128849	3759010.271948	3574875.385550
14 Cumulative Scheduled Ex-bus Generation including the current month (MWH) :	5382701.375050	1884178.685253	3188623.530536	5684843.848269	4234619.163367	4197248.917111
15 Plant Load Factor for the current month ( % ) :	76.20	73.37	78.13	81.95	70.09	69.48
16 Cumulative Plant Load Factor including the current month ( % ) :	71.06	80.13	79.57	78.33	88.04	62.24
17 Normative Scheduled Energy cumulative beyond which incentive payable (MWH) : ( 85 % PLF; ex-bus MWH : 10 months )	7448978.400000	2214465.084000	3804877.440000	7037082.000000	4691388.000000	6192632.160000
18 Net Energy Scheduled to Virtual Ancillary Entity (VAE) for the month	17407.261	0.000	5909.428	14249.223	722.471	7058.296
19 Cumulative Scheduled Generation to be considered for incentive upto preceding month	5368634.906	1868632.516	3112480.52	5550776.48	4380048.764	3882206.979
20 Cumulative Scheduled Generation to be considered for incentive upto current month	6172273.523	2117574.761	3536548.986	6370684.976	4854935.185	4497522.215
21 Cumulative Energy eligible for incentive including current month (MWH) :	0.000	0.000	0.000	0.000	163547.185	0.000
22 Energy eligible for incentive upto preceding month ( MWH ) :	0.000	0.000	0.000	0.000	265470.764	0.000
23* Energy eligible for incentive in the current month ( MWH ) :	0.000	0.000	0.000	0.000	-101923.579	0.000

\* Note-Incentive will be progressively shown every month and to be distributed at the end of the quarter

† Rupee values are indicative only and will depend on CERC tariff orders as issued from time to time

**Member Secretary**

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

## REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF NOVEMBER- 2016

## STATION : FSTPS STAGE - I &amp; II

## CAPACITY CHARGES, INCENTIVE, IF ANY &amp; ENERGY CHARGES BILLING

BENEFICIARIES	SHARE ALLOCATION OF CURRENT MONTH	CAPACITY CHARGE PAYABLE BY THE BENEFICIARIES	DRAWAL SCHUDULE
	( % )	(Rs. )	(MWH)
ER:			
BIHAR #	31.397866	237776196	288888.373647
JHARKHAND	8.574292	64933156	91010.120715
DVC	0.000000	0	0.000000
DVC (COAL POWER - Rajasthan)	0.275735	2088143	2229.091618
DVC (COAL POWER - Raj-II Sun Tech)	0.091912	696050	743.033234
DVC (COAL POWER - Talcher)	0.192231	1455766	1554.030177
DVC (COAL POWER - Unchahar)	0.191680	1451594	1549.575793
ODISHA	13.630000	103220058	108474.284134
ODISHA (COAL POWER - AFTAB)	0.099049	750099	789.538922
ODISHA (COAL POWER - DADRI)	0.082937	628082	660.053683
ODISHA (COAL POWER - Rajasthan)	0.183824	1392100	1462.962348
ODISHA (COAL POWER - Raj-II SunTech)	0.091912	696050	731.481174
ODISHA (COAL POWER - Faridabad)	0.095840	725797	762.742142
WEST BENGAL	30.540000	231279573	174500.148160
West Bengal (COAL POWER - Rajasthan)	0.643382	4872335	3676.170738
West Bengal (COAL POWER- Raj-II SunTech)	0.275735	2088143	1575.500928
SIKKIM	1.630000	12343998	9637.349700
SUB-TOTAL	87.996395	666397139	688244.457114
SR:			
TAMILNADU	1.290000	9769176	
SUB-TOTAL	1.290000	9769176	22295.088682
WR :			
CHHATTISGARH	0.000000	0	
GUJARAT	0.000000	0	
MADHYA PRADESH	0.000000	0	
MAHARASTRA	0.000000	0	
DADRA & NAGAR HAVELI	0.000000	0	
DAMAN & DIU	0.000000	0	
SUB-TOTAL	0.000000	0	0.000000
NR:			
UTTAR PRADESH	2.080000	15751850	
HARYANA	0.690000	5225373	
RAJASTHAN	0.690000	5225373	
J & K	0.850000	6437054	
HIMACHAL PRADESH	0.000000	0	
DELHI	1.390000	10526477	
PUNJAB	1.390000	10526477	
UTTARAKHAND	0.000000	0	
CHANDIGARH	0.000000	0	
SUB-TOTAL	7.090000	53692605	56159.303719
NER :			
ASSAM	2.455737	18597309	
ASSAM (COAL POWER - Rajasthan)	0.091912	696050	933.715150
MEGHALAYA	0.000000	0	
NAGALAND	0.429803	3254900	
ARUNACHAL PRADESH	0.191917	1453388	
MIZORAM	0.141736	1073367	
SUB-TOTAL	3.311105	25075015	33753.092845
NVVN POWER - A/C BPDB	0.312500	2366564	3186.674219
VAE (UP)			17697.010969
VAE (DOWN)			289.750000
GRAND TOTAL	100.000000	757300500	821045.877548

Note 1: Capacity charges shown are indicative only and are subject to relevant provisions of CERC Tariff Regulations

# Please refer to Annexure

Member Secretary

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

## REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF NOVEMBER- 2016

## STATION : FSTPS STAGE - III (Unit #6)

## CAPACITY CHARGES, INCENTIVE, IF ANY &amp; ENERGY CHARGES BILLING

BENEFICIARIES	SHARE ALLOCATION OF CURRENT MONTH	CAPACITY CHARGE PAYABLE BY THE BENEFICIARIES	DRAWAL SCHUDULE
	( % )	(Rs. )	(MWH)
<b>ER:</b>			
BIHAR #	25.315145	112924634	67317.974913
JHARKHAND	8.174675	36465214	23358.600186
DVC	7.482353	33376936	18698.757176
DVC (COAL POWER - Rajasthan)	0.324394	1447042	810.676085
DVC (COAL POWER - Raj-II Sun Tech)	0.108132	482350	270.227028
DVC (COAL POWER - Talcher)	0.215971	963393	539.721834
DVC (COAL POWER - Unchahar)	0.214951	958844	537.172806
ODISHA	19.552941	87220859	50118.231175
ODISHA (COAL POWER - DADRI)	0.191369	853650	490.518321
ODISHA (COAL POWER - Rajasthan)	0.216263	964696	554.326790
ODISHA (COAL POWER - Raj-II SunTech)	0.108132	482350	277.164677
ODISHA (COAL POWER - Faridabad)	0.107475	479420	275.480650
WEST BENGAL	36.798753	164150183	83196.716319
West Bengal (COAL POWER - Rajasthan)	0.756920	3376434	1711.287839
West Bengal (COAL POWER- Raj-II SunTech)	0.324394	1447042	733.408428
SIKKIM	0.000000	0	0.000000
SUB-TOTAL	99.891868	445593047	248890.264227
<b>SR:</b>			
TAMILNADU	0.000000	0	
SUB-TOTAL	0.000000	0	0.000000
<b>WR:</b>			
CHHATTISGARH	0.000000	0	
GUJARAT	0.000000	0	
MADHYA PRADESH	0.000000	0	
MAHARASTRA	0.000000	0	
DADRA & NAGAR HAVELI	0.000000	0	
DAMAN & DIU	0.000000	0	
SUB-TOTAL	0.000000	0	0.000000
<b>NR:</b>			
UTTAR PRADESH	0.000000	0	
HARYANA	0.000000	0	
RAJASTHAN	0.000000	0	
J & K	0.000000	0	
HIMACHAL PRADESH	0.000000	0	
DELHI	0.000000	0	
PUNJAB	0.000000	0	
UTTARAKHAND	0.000000	0	
CHANDIGARH	0.000000	0	
SUB-TOTAL	0.000000	0	0.000000
<b>NER :</b>			
ASSAM	0.000000	0	
ASSAM (COAL POWER - Rajasthan)	0.108132	482350	51.981215
MEGHALAYA	0.000000	0	
NAGALAND	0.000000	0	
ARUNACHAL PRADESH	0.000000	0	
MIZORAM	0.000000	0	
SUB-TOTAL	0.108132	482350	51.981215
VAE (UP)			0.000000
VAE (DOWN)			0.000000
GRAND TOTAL	100.000000	446075397	248942.245442

Note2: Capacity charges shown are indicative only and are subject to relevant provisions of CERC Tariff Regulations

# Please refer to Annexure

Member Secretary

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

## REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF NOVEMBER- 2016

STATION : KhSTPS STAGE - I

CAPACITY CHARGES, INCENTIVE, IF ANY &amp; ENERGY CHARGES BILLING

BENEFICIARIES	SHARE ALLOCATION OF CURRENT MONTH	CAPACITY CHARGE PAYABLE BY THE BENEFICIARIES	DRAWAL SCHUDULE
	( % )	(Rs. )	(MWH)
ER:			
BIHAR #	41.858038	192841272	196931.476334
JHARKHAND	3.200751	14745959	20250.658768
DVC	0.000000	0	0.000000
DVC (COAL POWER - Rajasthan)	0.275735	1270320	1016.281988
DVC (COAL POWER - Raj-II Sun Tech)	0.091912	423441	338.761891
DVC (COAL POWER - Talcher)	0.157197	724211	579.384118
DVC (COAL POWER - Unchahar)	0.157306	724714	579.785861
ODISHA	15.240000	70211150	40426.720985
ODISHA (COAL POWER - AFTAB)	0.098249	452636	262.223936
ODISHA (COAL POWER - DADRI)	0.082268	379011	218.230019
ODISHA (COAL POWER - Rajasthan)	0.183824	846883	487.624774
ODISHA (COAL POWER - Raj-II SunTech)	0.091912	423441	243.812387
ODISHA (COAL POWER - Faridabad)	0.078653	362357	208.640609
WEST BENGAL	0.000000	0	0.000000
West Bengal (COAL POWER - Rajasthan)	0.643382	2964081	3843.212573
West Bengal (COAL POWER- Raj-II SunTech)	0.275735	1270320	1647.090249
SIKKIM	1.550000	7140898	4143.147813
SUB-TOTAL	63.984962	294780693	271177.052304
SR:			
TAMILNADU	0.700000	3224922	
SUB-TOTAL	0.700000	3224922	6821.083141
WR:			
CHHATTISGARH	0.000000	0	
GUJARAT	0.000000	0	
MADHYA PRADESH	0.000000	0	
MAHARASTRA	0.000000	0	
DADRA & NAGAR HAVELI	0.000000	0	
DAMAN & DIU	0.000000	0	
SUB-TOTAL	0.000000	0	0.000000
NR:			
UTTAR PRADESH	9.120000	42016121	
HARYANA	3.040000	14005374	
RAJASTHAN	3.040000	14005374	
J & K	3.680000	16953873	
HIMACHAL PRADESH	0.000000	0	
DELHI	6.070000	27964677	
PUNJAB	6.070000	27964677	
UTTARAKHAND	0.000000	0	
CHANDIGARH	0.000000	0	
SUB-TOTAL	31.020000	142910096	122334.174617
NER :			
ASSAM	2.104847	9697095	
ASSAM (COAL POWER - Rajasthan)	0.091912	423441	465.390313
MEGHALAYA	0.000000	0	
NAGALAND	0.424446	1955436	
ARUNACHAL PRADESH	0.191747	883384	
MIZORAM	0.141610	652402	
SUB-TOTAL	2.954562	13611758	16872.209464
POWERGRID(PUSAULI)	0.150000	691055	774.459375
NVVN POWER - A/C BPDB	1.190476	5484560	6089.487751
VAE (UP)			6560.177990
VAE (DOWN)			650.750000
GRAND TOTAL	100.000000	460703083	429977.894642

Note 1: Capacity charges shown are indicative only and are subject to relevant provisions of CERC Tariff Regulations

# Please refer to Annexure

Member Secretary

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

## REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF NOVEMBER- 2016

STATION : KhSTPS STAGE - II  
CAPACITY CHARGES, INCENTIVE, IF ANY & ENERGY CHARGES BILLING

BENEFICIARIES	SHARE ALLOCATION OF CURRENT MONTH	CAPACITY CHARGE PAYABLE BY THE BENEFICIARIES	DRAWAL SCHUDULE
	( % )	(Rs. )	(MWH)
<b>ER:</b>			
BIHAR #	4.979865	52730048	44119.608865
JHARKHAND	1.248565	13220618	41338.793630
DVC	0.000000	0	0.000000
DVC (COAL POWER - Rajasthan)	0.275735	2919661	1992.334272
DVC (COAL POWER - Raj-II Sun Tech)	0.091912	973224	664.113832
DVC (COAL POWER - Talcher)	0.197531	2091587	1427.268142
DVC (COAL POWER - Unchahar)	0.197934	2095854	1430.180034
ODISHA	2.050000	21706733	9622.935750
ODISHA (COAL POWER - AFTAB)	0.106629	1129057	500.528788
ODISHA (COAL POWER - DADRI)	0.089285	945408	419.114058
ODISHA (COAL POWER - Rajasthan)	0.183824	1946448	862.890996
ODISHA (COAL POWER - Raj-II SunTech)	0.091912	973224	431.445498
ODISHA (COAL POWER - Faridabad)	0.098967	1047927	464.562479
WEST BENGAL	0.000000	0	0.000000
West Bengal (COAL POWER - Rajasthan)	0.643382	6812547	7203.002552
West Bengal (COAL POWER- Raj-II SunTech)	0.275735	2919661	3086.999495
SIKKIM	0.330000	3494255	1776.072375
SUB-TOTAL	10.861276	115006252	115339.850768
<b>SR:</b>			
TAMILNADU	0.000000	0	
SUB-TOTAL	0.000000	0	0.000000
<b>WR:</b>			
CHHATTISGARH	2.000000	21177300	
GUJARAT	9.400000	99533310	
MADHYA PRADESH	4.930000	52202045	
MAHARASTRA	9.870000	104509976	
DADRA & NAGAR HAVELI	0.200000	2117730	
DAMAN & DIU	0.130000	1376525	
SUB-TOTAL	26.530000	280916886	165238.094685
<b>NR:</b>			
UTTAR PRADESH	16.730000	177148115	
HARYANA	4.580000	48496017	
RAJASTHAN	7.110000	75285302	
J & K	5.560000	58872894	
HIMACHAL PRADESH	1.530000	16200635	
DELHI	10.490000	111074939	
PUNJAB	8.020000	84920973	
UTTARAKHAND	1.870000	19800776	
CHANDIGARH	0.200000	2117730	
SUB-TOTAL	56.090000	593917381	472440.282879
<b>NER :</b>			
ASSAM	5.093479	53933066	
ASSAM (COAL POWER - Rajasthan)	0.091912	973224	890.213091
MEGHALAYA	0.000000	0	
NAGALAND	0.000000	0	
ARUNACHAL PRADESH	0.000000	0	
MIZORAM	0.000000	0	
SUB-TOTAL	5.185391	54906290	53448.070992
NVVN POWER - A/C BPDB	1.333333	14118196	13442.196748
VAE (UP)			14730.805747
VAE (DOWN)			481.582399
GRAND TOTAL	100.000000	1058865005	834157.719420

Note 1: Capacity charges shown are indicative only and are subject to relevant provisions of CERC Tariff Regulations

# Please refer to Annexure

Member Secretary



## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

## REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF NOVEMBER- 2016

STATION : TSTPS STAGE - I

CAPACITY CHARGES, INCENTIVE, IF ANY &amp; ENERGY CHARGES BILLING

BENEFICIARIES	SHARE ALLOCATION OF CURRENT MONTH	CAPACITY CHARGE PAYABLE BY THE BENEFICIARIES	DRAWAL SCHUDULE
	(%)	(Rs.)	(MWH)
ER:			
BIHAR #	41.245379	202931527	195062.516069
JHARKHAND	7.667664	37725699	35621.069201
DVC	0.310000	1525232	995.103100
DVC (COAL POWER - Rajasthan)	0.275735	1356645	885.112107
DVC (COAL POWER - Raj-II Sun Tech)	0.091912	452217	295.038439
DVC (COAL POWER - Talcher)	0.172303	847749	553.094353
DVC (COAL POWER - Unchahar)	0.172920	850784	555.074929
ODISHA	31.800000	156459286	154429.839687
ODISHA (COAL POWER - AFTAB)	0.099049	487331	481.008276
ODISHA (COAL POWER - DADRI)	0.082937	408059	402.765648
ODISHA (COAL POWER - Rajasthan)	0.183824	904433	892.701599
ODISHA (COAL POWER - Raj-II SunTech)	0.091912	452217	446.350800
ODISHA (COAL POWER - Faridabad)	0.086460	425392	419.874338
WEST BENGAL	9.100000	44772940	43417.839773
West Bengal (COAL POWER - Rajasthan)	0.643382	3165506	3069.698526
West Bengal (COAL POWER- Raj-II SunTech)	0.275735	1356645	1315.584401
SIKKIM	2.400000	11808248	10791.648000
SUB-TOTAL	94.699212	465929909	449634.319247
SR:			
TAMILNADU	0.850000	4182088	
SUB-TOTAL	0.850000	4182088	4134.937625
WR:			
CHHATTISGARH	0.000000	0	
GUJARAT	0.000000	0	
MADHYA PRADESH	0.000000	0	
MAHARASTRA	0.000000	0	
DADRA & NAGAR HAVELI	0.000000	0	
DAMAN & DIU	0.000000	0	
SUB-TOTAL	0.000000	0	0.000000
NR:			
UTTAR PRADESH	0.000000	0	
HARYANA	0.000000	0	
RAJASTHAN	0.000000	0	
J & K	0.000000	0	
HIMACHAL PRADESH	0.000000	0	
DELHI	0.000000	0	
PUNJAB	0.000000	0	
UTTARAKHAND	0.000000	0	
CHANDIGARH	0.000000	0	
SUB-TOTAL	0.000000	0	0.000000
NER :			
ASSAM	2.095419	10309678	
ASSAM (COAL POWER - Rajasthan)	0.091912	452217	427.988792
MEGHALAYA	0.000000	0	
NAGALAND	0.424823	2090173	
ARUNACHAL PRADESH	0.196898	968759	
MIZORAM	0.141736	697356	
SUB-TOTAL	2.950788	14518182	14000.841534
NVVN POWER - A/C BPDB	1.500000	7380155	7116.322500
VAE (UP)			750.220513
VAE (DOWN)			27.750000
GRAND TOTAL	100.000000	492010333	475608.891419

Note 1: Capacity charges shown are indicative only and are subject to latest relevant provisions of CERC Tariff Regulations

# Please refer to Annexure

Member Secretary

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

## REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF NOVEMBER- 2016

STATION : BARH STPS STAGE - II

CAPACITY CHARGES, INCENTIVE, IF ANY &amp; ENERGY CHARGES BILLING

BENEFICIARIES	SHARE ALLOCATION OF CURRENT MONTH	CAPACITY CHARGE PAYABLE BY THE BENEFICIARIES	DRAWAL SCHUDULE
	( % )	(Rs. )	(MWH)
ER:			
BIHAR #	76.564706	1192382429	473684.868945
JHARKHAND	7.129412	111030082	54200.878246
DVC	0.000000	0	
DVC (COAL POWER - Rajasthan)	0.000000	0	
DVC (COAL POWER - Raj-II Sun Tech)	0.000000	0	
DVC (COAL POWER - Talcher)	0.000000	0	
DVC (COAL POWER - Unchahar)	0.000000	0	
ODISHA	14.788235	230304960	85085.790659
ODISHA (COAL POWER - AFTAB)	0.000000	0	
ODISHA (COAL POWER - DADRI)	0.000000	0	
ODISHA (COAL POWER - Rajasthan)	0.000000	0	
ODISHA (COAL POWER - Raj-II SunTech)	0.000000	0	
ODISHA (COAL POWER - Faridabad)	0.000000	0	
WEST BENGAL	0.000000	0	0.000000
West Bengal (COAL POWER - Rajasthan)	0.000000	0	
West Bengal (COAL POWER- Raj-II SunTech)	0.000000	0	
SIKKIM	1.517647	23635115	2343.697834
SUB-TOTAL	100.000000	1557352587	615315.235685
SR:			
ANDHRA PRADESH	0.000000	0	
KARNATAKA	0.000000	0	
TAMILNADU	0.000000	0	
KERALA	0.000000	0	
PONDICHERRY	0.000000	0	
SUB-TOTAL	0.000000	0	0.000000
WR:			
CHHATTISGARH	0.000000	0	
GUJARAT	0.000000	0	
MADHYA PRADESH	0.000000	0	
MAHARASTRA	0.000000	0	
DADRA & NAGAR HAVELI	0.000000	0	
DAMAN & DIU	0.000000	0	
GOA	0.000000	0	
SUB-TOTAL	0.000000	0	0.000000
NR:			
UTTAR PRADESH	0.000000	0	
HARYANA	0.000000	0	
RAJASTHAN	0.000000	0	
J & K	0.000000	0	
HIMACHAL PRADESH	0.000000	0	
DELHI	0.000000	0	
PUNJAB	0.000000	0	
UTTARAKHAND	0.000000	0	
CHANDIGARH	0.000000	0	
SUB-TOTAL	0.000000	0	0.000000
NER :			
ASSAM	0.000000	0	
ASSAM (COAL POWER - Rajasthan)	0.000000	0	0.000000
MEGHALAYA	0.000000	0	
NAGALAND	0.000000	0	
ARUNACHAL PRADESH	0.000000	0	
MIZORAM	0.000000	0	
SUB-TOTAL	0.000000	0	0.000000
NVVN POWER - A/C BPDB	0.000000	0	0.000000
VAE (UP)			8064.545876
VAE (DOWN)			1006.250000
GRAND TOTAL	100.000000	1557352587	622373.531561

Note 1: Capacity charges shown are indicative only and are subject to latest relevant provisions of CERC Tariff Regulations

# Please refer to Annexure

Member Secretary

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

## REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF NOVEMBER- 2016

## BA. STATION : RANGIT HPS

## CAPACITY CHARGES ( INCLUSIVE OF INCENTIVE ) &amp; ENERGY CHARGES BILLING STATEMENT

1	Installed Capacity ( MW ) :	60
2	Auxiliary Energy Consumption (AUX) in ( % ) :	1.0
3	Normative Plant Availability Factor - NAPAF ( % ) :	90
4	Annual Design Energy in MU :	338.61
5	Free Energy for Home State - FEHS ( % ) :	12
6	Annual Saleable Energy in MU [ { DE x ( 100 - AUX ) x ( 100 - FEHS ) / 10000 } ]	294.997032
7	Annual Fixed Charge (Rs.)	813424000
8	Energy Charge Rate (ECR) on ex-power plant basis in Rs. / kWh: [ AFC x 0.5 x 10 / { DE x ( 100 - AUX ) x ( 100 - FEHS ) } ]	1.379
9	Scheduled Energy ( ex-bus ) of the month (MWH) :	28995.500
10	Free Energy (ex-bus) of the month :	3479.460
11	Saleable Energy ( ex-bus ) of the month :	25516.040
12	Total Energy Charge payable for the month in Rs. : [ ECR x { Sch. Energy (ex-bus) for the month in kWh x ( 100 - FEHS ) / 100 } ]	35186619
13	Cumulative Schedule Energy including current month (MWH) :	269182.750
14	Plant Availability Factor (PAFM) achieved during the month ( % ) :	105.20
15	Capacity Charge inclusive of incentive payable for the month (Rs.) : [ AFC x 0.5 x ( NDM / NDY ) x ( PAFM / NAPAF ) ]	39074122
16	Ex-Bus Energy Generated during month in MWH :	30333.612
17	Cumulative Ex-bus Energy Generated incl. current month in MWH :	
18	Actual Total Energy Generated during the year in MU : [ Ex-Bus Energy Genrated during the year x 100 / ( 100 - AUX ) ]	

## BILLING STATEMENT :

BENEFICIARIES	SHARE ALLOCATION FOR THE CURRENT MONTH ( % )	CAPACITY CHARGE INCLUSIVE OF INCENTIVE PAYABLE BY THE BENEFICIARIES (Rs.)	DRAWAL SCHUDULE OF THE BENEFICIARIES (MWH)	ENERGY CHARGES PAYABLE BY THE BENEFICIARIES (Rs.)
BIHAR #	35.000000	15540844	10148.425000	13994678
JHARKHAND	13.330000	5918841	3865.100150	5329973
DVC	10.000000	4440241	2899.550000	3998479
ODISHA	0.000000	0	0.000000	0
WEST BENGAL	28.340000	12583643	8217.324700	11331691
SIKKIM	13.330000	590552	3865.100150	531798
TOTAL	100.000000	39074122	28995.500000	35186619

Note 1: capacity charges & energy charges shown are indicative only and are subject to relevant provisions of CERC Tariff Regulations

# Please refer to Annexure

Member Secretary

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

## REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF NOVEMBER- 2016

## BB. STATION : TEESTA STAGE - V HPS

## CAPACITY CHARGES ( INCLUSIVE OF INCENTIVE ) &amp; ENERGY CHARGES BILLING STATEMENT

1	Installed Capacity ( MW ) :	170 UPTO 24:00 HRS. OF 02.04.08 340 FROM 00:00 HRS. OF 03.04.08 AFTER COD UNIT # 3 510 FROM 00:00 HRS. OF 10.04.08 AFTER COD UNIT # 1	
2	Auxiliary Energy Consumption (AUX) in ( % ) :		1.2
3	Normative Plant Availability Factor - NAPAF ( % ) :		85
4	Annual Design Energy in MU :		2572.67
5	Free Energy for Home State - FEHS ( % ) :		12
6	Annual Saleable Energy in MU : [ { DE x ( 100 - AUX ) x ( 100 - FEHS ) / 10000 } ]		2236.78220
7	Annual Fixed Charge (Rs.)		4970979000
8	Energy Charge Rate (ECR) on ex-power plant basis in Rs. / kWh: [ AFC x 0.5 x 10 / { DE x ( 100 - AUX ) x ( 100 - FEHS ) } ]		1.111
9	Scheduled Energy ( ex-bus ) of the month (MWH) :		155919.000
10	Free Energy ( ex-bus ) of the month :		18710.280
11	Saleable Energy ( ex-bus ) of the month :		137208.720
12	Total Energy Charge payable for the month in Rs. : [ ECR x { Sch. Energy (ex-bus) for the month in kWh x ( 100 - FEHS ) / 100 } ]		152438888
13	Cumulative Schedule Energy including current month (MWH) :		2305471.750
14	Plant Availability Factor achieved during the month - PAFM ( % ) :		101.91
15	Capacity Charge inclusive of incentive payable for the month (Rs.) : [ AFC x 0.5 x ( NDM / NDY ) x ( PAFM / NAPAF ) ]		244927866
16	Actual Ex-Bus Energy Generated during month in MWH :		160933.294
17	Cumulative Actual Ex-bus Energy Generated incl. current month in MWH :		
18	Actual Total Energy Generated during the year in MU : [ Actual Ex-Bus Energy Genrated during the year x 100 / ( 100 - AUX ) ]		

## BILLING STATEMENT :

BENEFICIARIES	SHARE ALLOCATION FOR THE CURRENT MONTH	CAPACITY CHARGE INCLUSIVE OF INCENTIVE PAYABLE BY THE BENEFICIARIES	DRAWAL SCHUDULE OF THE BENEFICIARIES	ENERGY CHARGES PAYABLE BY THE BENEFICIARIES
	( % )	(Rs.)	(MWH)	(Rs.)
BIHAR #	21.260000	59172346	33148.379400	36827850
JHARKHAND	12.340000	34345567	19240.404600	21376090
DVC	8.640000	24047463	13471.401600	14966727
ODISHA	20.590000	57307554	32103.722100	35667235
WEST BENGAL	23.980000	66742844	37389.376200	41539597
SIKKIM	13.190000	3312093	20565.716100	2061390
TOTAL	100.000000	244927866	155919.000000	152438888

Note 1: capacity charges & energy charges shown are indicative only and are subject to relevant provisions of CERC Tariff Regulations

# Please refer to Annexure

Member Secretary

<b>EASTERN REGIONAL POWER COMMITTEE :: KOLKATA</b>				
<b># BREAK-UP OF REGIONAL ENERGY ACCOUNTING OF BIHAR AMONG NBPDCCL AND SBPDCL FOR THE MONTH OF NOVEMBER' 2016</b>				
<b>NAME OF POWER STATION</b>	<b>SHARE ALLOCATION OF CURRENT MONTH</b>	<b>SHARE ALLOCATION OF CURRENT MONTH</b>	<b>DRAWAL SCHUDULE</b>	<b>DRAWAL SCHUDULE</b>
	( % )	( % )	(MWH)	(MWH)
	NBPDCCL ( 42 % )	SBPDCL ( 58 % )	NBPDCCL ( 42 % )	SBPDCL ( 58 % )
<b>NTPC :</b>				
FSTPS I & II	13.187104	18.210762	121333.116932	167555.256715
FSTPS III	10.632361	14.682784	28273.549464	39044.425450
KhSTPS I	17.580376	24.277662	82711.220060	114220.256274
KhSTPS II	2.091543	2.888322	18530.235723	25589.373142
TSTPS I	17.323059	23.922320	81926.256749	113136.259320
BARH STPS II	32.157177	44.407529	198947.644957	274737.223988
<b>NHPC :</b>				
RANGIT	14.700000	20.300000	4262.338500	5886.086500
TEESTA STG. V	8.9292	12.3308	13922.3193	19226.0601

**Member Secretary**