

# EASTERN REGIONAL POWER COMMITTEE

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No.ERPC/COM-I/REA/2017/1722-1761

Date: 03.02.2017

**To: As per list attached.**

**Sub: Provisional Regional Energy Accounting (REA) of Eastern Region for the month of January' 2017[Except Page 11/11].**

Sir,

Please find enclosed a copy of the ABT based Provisional Energy Account for the month of January'2017 [Except Page 9/11, 10/11, 11/11].

The REA for Chukha HPS, Tala HPS and Kurichu HPS [Page 9/11, 10/11, 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 of 25.11.2014, 15% Un-allocated share from Barh STPS Stage – II allocated to Madhya Pradesh (WR) was withdrawn and re-allocated on pro rata basis to firm share holders.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- f) As informed by NTPC, w.e.f 01.09.2016 15% allocation from Farakka Stage-II to Bihar has been withdrawn and power is being sold outside Long Term PPA.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 January'2017 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.

Encl.: As above.

Yours faithfully,

Sd/-  
(A.K.Bandyopadhyaya)  
Member Secretary

## **DISTRIBUTION LIST**

- 1) CHIEF ENGINEER, TRANSMISSION (O&M), Bihar State Electricity Board, Vidyut Bhavan, 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 Bhavan, 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 Bhavan, 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 Bhavan, 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 Bhavan, 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 JANUARY - 2017

(\*) C.O.D. OF UNIT # 5 OF KISTPS STAGE - II ON 00:00 HRS. OF 01.08.2008  
 (\*) C.O.D. OF UNIT # 6 OF KISTPS STAGE - II ON 00:00 HRS. OF 30.12.2008  
 (\*) C.O.D. OF UNIT # 7 OF KISTPS 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

(\*) C.O.D. OF UNIT # 4 OF Barh STPS STAGE - II ON 00:00 HRS. OF 15.11.2014  
 (\*) C.O.D. OF UNIT # 5 OF Barh STPS STAGE - II ON 00:00 HRS. OF 18.02.2016

## A. NTPC POWER STATIONS

	ESTPS STAGE-I&II	FSTPS STAGE-III I/C = 500 MW	KISTPS STAGE-I (*)	KISTPS STAGE-II (*)	ISTPS STAGE-I	BARH STPS STAGE-II
1 Installed Capacity (MW) :	1600	425	840	1500	1000	1320
2 Normative Auxiliary Energy Consumption as per CERC Tariff Notification (%) : (2014-19)	6.46875	5.7500	9.0000	5.7500	5.7500	5.7500
3 Ex-Bus Normative Capacity at 100% availability (MW) :	1496.50	400.56	764.40	1413.75	942.50	1244.10
4 Proportional Annual Fixed Charge (AFC) for 425 MW in Rs. (full fixed charge recovery at 83% PAFM)	9087606000	5352904763	5528437000	12706380000	5904124000	17609800000
5 Average Declared capacity (DC) for the month (ex-bus MW) :	1440.05	393.92	752.21	923.91	902.16	1212.88
6 Average Declared capacity (DC) for the month (ex-bus %) – PAFM :	96.23	98.34	98.41	65.35	95.72	97.49
7 Cumulative Availability (FY:2015-16) up to the preceding month (%) :	85.41	98.91	93.49	95.20	87.47	77.40
8 Cumulative Availability (FY:2015-16) including the current month (%) :	86.51	98.86	93.99	92.18	88.30	79.43
9 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).	7573005000	4460753969	4607030833	10588650000	4920103333	14043928287
10 Cumulative Capacity charge upto the preceding month in Rs. :	6815704500	4014678572	4146327750	9529785000	4428093000	12315599689
11 Capacity Charge payable in the current month ( 9 - 10) in Rs. [CCn]	757300500	446075397	460703083	1058865000	492010333	1728328598

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 %, 454.09% 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 JANUARY - 2017

## A. NTPC POWER STATIONS ( Contd..)

	FSTPS STAGE-I&II	FSTPS STAGE-III	KbSTPS STAGE-I (*)	KbSTPS STAGE-II (*)	TSTPS STAGE-I	BARH STPS STAGE-II
12 Total Scheduled Generation for the current month (MWH) :	905426.247500	258636.245717	481813.952500	581444.572500	664245.167500	746908.225000
13 Cumulative Scheduled Ex-bus Generation upto the preceding month (MWH) :	7069452.663933	2390754.844988	4051869.222890	7395878.929529	5231493.955791	5233832.570374
14 Cumulative Scheduled Ex-bus Generation including the current month (MWH) :	7974878.911433	2649391.090705	4533683.175390	7977323.502029	5895739.123291	5980740.795374
15 Plant Load Factor for the current month ( % ) :	81.32	86.79	84.72	55.28	94.73	80.69
16 Cumulative Plant Load Factor including the current month ( % ) :	72.56	82.76	80.76	76.83	85.18	65.46
17 Normative Scheduled Energy cumulative beyond which incentive payable (MWH) : ( 85 % PLF; ex-bus MWH : 10 months )	9341751.600000	2721093.372000	4771690.560000	8825193.000000	5883462.000000	7766169.840000
18 Net Energy Scheduled to Virtual Ancillary Entity (VAE) for the month	10090.030	-0.250	4019.507	8951.894	-2499.962	8044.605
19 Cumulative Scheduled Generation to be considered for incentive upto preceding month	6995038.098	2372518.899	4022101.71	7272646.587	5227302.394	5185026.852
20 Cumulative Scheduled Generation to be considered for incentive upto current month	7890374.315	2631155.395	4499896.155	7845139.266	5894047.523	5923890.472
21 Cumulative Energy eligible for incentive including current month (MWH) :	0.000	0.000	0.000	0.000	10585.523	0.000
22 Energy eligible for incentive upto preceding month ( MWH ) :	0.000	0.000	0.000	0.000	0.000	0.000
23* Energy eligible for incentive in the current month ( MWH ) :	0.000	0.000	0.000	0.000	10585.523	0.000

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

1 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 JANUARY- 2017			
STATION : FSTPS STAGE - I & 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)
ER:			
BIHAR #	31.397866	237776196	329155.547058
JHARKHAND	8.574292	64933156	101643.161650
DVC	0.000000	0	0.000000
DVC (COAL POWER - Rajasthan)	0.275735	2088143	2344.600959
DVC (COAL POWER - Raj-II Sun Tech)	0.091912	696050	781.536487
DVC (COAL POWER - Talcher)	0.192231	1455766	1634.558496
DVC (COAL POWER - Unchahar)	0.191680	1451594	1629.873291
ODISHA	13.630000	103220058	82758.779184
ODISHA (COAL POWER - AFTAB)	0.099049	750099	602.682791
ODISHA (COAL POWER - DADRI)	0.082937	628082	503.577760
ODISHA (COAL POWER - Rajasthan)	0.183824	1392100	1116.144521
ODISHA (COAL POWER - Raj-II SunTech)	0.091912	696050	558.072261
ODISHA (COAL POWER - Faridabad)	0.095840	725797	581.922333
WEST BENGAL	30.540000	231279573	229803.408905
West Bengal (COAL POWER - Rajasthan)	0.643382	4872335	4841.236962
West Bengal (COAL POWER - Raj-II SunTech)	0.275735	2088143	2074.814766
SIKKIM	1.630000	12343998	13586.544975
SUB-TOTAL	87.996395	666397139	773616.462399
SR:			
TAMILNADU	1.290000	9769176	
SUB-TOTAL	1.290000	9769176	16976.583705
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	64308.396734
NER :			
ASSAM	2.455737	18597309	
ASSAM (COAL POWER - Rajasthan)	0.091912	696050	978.583701
MEGHALAYA	0.000000	0	
NAGALAND	0.429803	3254900	
ARUNACHAL PRADESH	0.191917	1453388	
MIZORAM	0.141736	1073367	
SUB-TOTAL	3.311105	25075015	37155.332495
NVVN POWER - A/C BPDB	0.312500	2366564	3301.250000
VAE (UP)			13138.045407
VAE (DOWN)			3048.015000
GRAND TOTAL	100.000000	757300500	905448.055739

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 JANUARY- 2017

## 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)
ER:			
BIHAR #	25.315145	112924634	71495.582420
JHARKHAND	8.174675	36465214	24961.914352
DVC	7.482353	33376936	18843.726886
DVC (COAL POWER - Rajasthan)	0.324394	1447042	816.961180
DVC (COAL POWER - Raj-II Sun Tech)	0.108132	482350	272.322072
DVC (COAL POWER - Talcher)	0.215971	963393	543.906247
DVC (COAL POWER - Unchahar)	0.214951	958844	541.337456
ODISHA	19.552941	87220859	43072.516545
ODISHA (COAL POWER - DADRI)	0.191369	853650	421.560338
ODISHA (COAL POWER - Rajasthan)	0.216263	964696	476.398494
ODISHA (COAL POWER - Raj-II SunTech)	0.108132	482350	238.200348
ODISHA (COAL POWER - Faridabad)	0.107475	479420	236.753065
WEST BENGAL	36.798753	164150183	93709.108172
West Bengal (COAL POWER - Rajasthan)	0.756920	3376434	1927.519070
West Bengal (COAL POWER- Raj-II SunTech)	0.324394	1447042	826.078874
SIKKIM	0.000000	0	0.000000
SUB-TOTAL	99.891868	445593047	258383.885520
SR:			
TAMILNADU	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	
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)	0.108132	482350	49.110197
MEGHALAYA	0.000000	0	
NAGALAND	0.000000	0	
ARUNACHAL PRADESH	0.000000	0	
MIZORAM	0.000000	0	
SUB-TOTAL	0.108132	482350	252.360197
VAE (UP)			25.250000
VAE (DOWN)			25.500000
GRAND TOTAL	100.000000	446075397	258635.995717

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 JANUARY - 2017

STATION : KbstPS STAGE - I  
CAPACITY CHARGES, INCENTIVE, IF ANY & ENERGY CHARGES BILLING

BENEFICIARIES	SHARE ALLOCATION OF CURRENT MONTH	CAPACITY CHARGE PAYABLE BY THE BENEFICIARIES	DRAWAL SCHEDULE
	( % )	(Rs. )	(MWH)
<b>ER:</b>			
BIHAR #	41.858038	192841272	217069.998643
JHARKHAND	3.200751	14745959	41152.846568
DVC	0.000000	0	0.000000
DVC (COAL POWER - Rajasthan)	0.275735	1270320	1047.284910
DVC (COAL POWER - Raj-II Sun Tech)	0.091912	423441	349.096236
DVC (COAL POWER - Talcher)	0.157197	724211	597.058937
DVC (COAL POWER - Unchahar)	0.157306	724714	597.472936
ODISHA	15.240000	70211150	42399.710243
ODISHA (COAL POWER - AFTAB)	0.098249	452636	274.813535
ODISHA (COAL POWER - DADRI)	0.082268	379011	228.880536
ODISHA (COAL POWER - Rajasthan)	0.183824	846883	511.422857
ODISHA (COAL POWER - Raj-II SunTech)	0.091912	423441	255.711428
ODISHA (COAL POWER - Faridabad)	0.078653	362357	218.823124
WEST BENGAL	0.000000	0	0.000000
West Bengal (COAL POWER - Rajasthan)	0.643382	2964081	3632.171283
West Bengal (COAL POWER - Raj-II SunTech)	0.275735	1270320	1556.644029
SIKKIM	1.550000	7140898	6825.928750
<b>SUB-TOTAL</b>	<b>63.984962</b>	<b>294780693</b>	<b>316717.864016</b>
<b>SR:</b>			
TAMILNADU	0.700000	3224922	
<b>SUB-TOTAL</b>	<b>0.700000</b>	<b>3224922</b>	<b>5159.201659</b>
<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	
<b>SUB-TOTAL</b>	<b>0.000000</b>	<b>0</b>	<b>0.000000</b>
<b>NR:</b>			
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	
<b>SUB-TOTAL</b>	<b>31.020000</b>	<b>142910096</b>	<b>128288.473920</b>
<b>NER :</b>			
ASSAM	2.104847	9697095	
ASSAM (COAL POWER - Rajasthan)	0.091912	423441	514.383210
MEGHALAYA	0.000000	0	
NAGALAND	0.424446	1955436	
ARUNACHAL PRADESH	0.191747	883384	
MIZORAM	0.141610	652402	
<b>SUB-TOTAL</b>	<b>2.954562</b>	<b>13611758</b>	<b>20179.903776</b>
POWERGRID(PUSAULI)	0.150000	691055	839.471250
NVVN POWER - A/C BPDB	1.190476	5484560	6573.659663
VAE (UP)			5373.757231
VAE (DOWN)			1354.250000
<b>GRAND TOTAL</b>	<b>100.000000</b>	<b>460703083</b>	<b>481778.081515</b>

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 JANUARY- 2017

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)
ER:			
BIHAR #	4.979865	52730048	32199.707506
JHARKHAND	1.248565	13220618	38076.706825
DVC	0.000000	0	0.000000
DVC (COAL POWER - Rajasthan)	0.275735	2919661	1263.653903
DVC (COAL POWER - Raj-II Sun Tech)	0.091912	973224	421.219495
DVC (COAL POWER - Talcher)	0.197531	2091587	905.256203
DVC (COAL POWER - Unchahar)	0.197934	2095854	907.103094
ODISHA	2.050000	21706733	6893.856201
ODISHA (COAL POWER - AFTAB)	0.106629	1129057	358.578045
ODISHA (COAL POWER - DADRI)	0.089285	945408	300.252659
ODISHA (COAL POWER - Rajasthan)	0.183824	1946448	618.173767
ODISHA (COAL POWER - Raj-II SunTech)	0.091912	973224	309.086883
ODISHA (COAL POWER - Faridabad)	0.098967	1047927	332.811837
WEST BENGAL	0.000000	0	0.000000
West Bengal (COAL POWER - Rajasthan)	0.643382	6812547	4461.053187
West Bengal (COAL POWER- Raj-II SunTech)	0.275735	2919661	1911.878947
SIKKIM	0.330000	3494255	1897.283438
SUB-TOTAL	10.861276	115006252	90856.621989
SR:			
TAMILNADU	0.000000	0	
SUB-TOTAL	0.000000	0	0.000000
WR:			
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	104188.646345
NR:			
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	326662.654630
NER :			
ASSAM	5.093479	53933066	
ASSAM (COAL POWER - Rajasthan)	0.091912	973224	631.795275
MEGHALAYA	0.000000	0	
NAGALAND	0.000000	0	
ARUNACHAL PRADESH	0.000000	0	
MIZORAM	0.000000	0	
SUB-TOTAL	5.185391	54906290	37981.969172
NVVN POWER - A/C BPDB	1.333333	14118196	9039.217740
VAE (UP)			9817.551090
VAE (DOWN)			865.657500
GRAND TOTAL	100.000000	1058865005	577681.003465

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 JANUARY- 2017

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	275774.311175
JHARKHAND	7.667664	37725699	51853.038527
DVC	0.310000	1525232	1365.098175
DVC (COAL POWER - Rajasthan)	0.275735	1356645	1214.210791
DVC (COAL POWER - Raj-II Sun Tech)	0.091912	452217	404.738398
DVC (COAL POWER - Talcher)	0.172303	847749	758.743583
DVC (COAL POWER - Unchahar)	0.172920	850784	761.460569
ODISHA	31.800000	156459286	213165.823232
ODISHA (COAL POWER - AFTAB)	0.099049	487331	663.966427
ODISHA (COAL POWER - DADRI)	0.082937	408059	555.953896
ODISHA (COAL POWER - Rajasthan)	0.183824	904433	1232.232525
ODISHA (COAL POWER - Raj-II SunTech)	0.091912	452217	616.116262
ODISHA (COAL POWER - Faridabad)	0.086460	425392	579.569719
WEST BENGAL	9.100000	44772940	60456.091391
West Bengal (COAL POWER - Rajasthan)	0.643382	3165506	4274.325384
West Bengal (COAL POWER - Raj-II SunTech)	0.275735	1356645	1831.852787
SIKKIM	2.400000	11808248	15634.320000
SUB-TOTAL	94.699212	465929909	631141.852841
SR:			
TAMILNADU	0.850000	4182088	
SUB-TOTAL	0.850000	4182088	5705.253125
WR:			
CHHATTISGARH	0.000000	0	
GUJARAT	0.000000	0	
MADHYA PRADESH	0.000000	0	
MAHARAISTRA	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	610.317805
MEGHALAYA	0.000000	0	
NAGALAND	0.424823	2090173	
ARUNACHAL PRADESH	0.196898	968759	
MIZORAM	0.141736	697356	
SUB-TOTAL	2.950788	14518182	19824.940717
NVVN POWER - A/C BPDB	1.500000	7380155	9932.081250
VAE (UP)			33.878173
VAE (DOWN)			2533.840000
GRAND TOTAL	100.000000	492010333	664104.166106

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 JANUARY - 2017			
STATION : BARH STPS 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)
ER:			
BIHAR #	76.564706	1323289710	624416.381038
JHARKHAND	7.129412	123219666	78796.627504
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	255589295	32050.174064
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	26229927	3601.213034
SUB-TOTAL	100.000000	1728328598	738864.395641
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)			11846.857104
VAE (DOWN)			3802.252500
GRAND TOTAL	100.000000	1728328598	746909.000245

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 JANUARY - 2017

## 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) :	14229.000
10	Free Energy (ex-bus) of the month :	1707.480
11	Saleable Energy ( ex-bus ) of the month :	12521.520
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 } ]	17267176
13	Cumulative Schedule Energy including current month (MWH) :	302132.750
14	Plant Availability Factor (PAFM) achieved during the month ( % ) :	74.59
15	Capacity Charge inclusive of incentive payable for the month (Rs.) : [ AFC x 0.5 x ( NDM / NDY ) x ( PAFM / NAPAF ) ]	28628186
16	Ex-Bus Energy Generated during month in MWH :	14525.364
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	11386210	4980.150000	6867627
JHARKHAND	13.330000	4336520	1896.725700	2615585
DVC	10.000000	3253203	1422.900000	1962179
ODISHA	0.000000	0	0.000000	0
WEST BENGAL	28.340000	9219577	4032.498600	5560816
SIKKIM	13.330000	432676	1896.725700	260970
TOTAL	100.000000	28628186	14229.000000	17267176

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 JANUARY- 2017

## 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) :		80613.000
10	Free Energy ( ex-bus ) of the month :		9673.560
11	Saleable Energy ( ex-bus ) of the month :		70939.440
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 } ]		78813718
13	Cumulative Schedule Energy including current month (MWH) :		2493227.250
14	Plant Availability Factor achieved during the month - PAFM ( % ) :		77.29
15	Capacity Charge inclusive of incentive payable for the month (Rs.) : [ AFC x 0.5 x ( NDM / NDY ) x ( PAFM / NAPAF ) ]		185758110
16	Actual Ex-Bus Energy Generated during month in MWH :		83051.190
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	44877471	17138.323800	19040678
JHARKHAND	12.340000	26048353	9947.644200	11051833
DVC	8.640000	18238069	6964.963200	7738074
ODISHA	20.590000	43463176	16598.216700	18440619
WEST BENGAL	23.980000	50619085	19330.997400	21476738
SIKKIM	13.190000	2511956	10632.854700	1065776
TOTAL	100.000000	185758110	80613.000000	78813718

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

## # BREAK-UP OF REGIONAL ENERGY ACCOUNTING OF BIHAR AMONG NBPDCCL AND SBPDCL FOR THE MONTH OF JANUARY' 2017

NAME OF POWER STATION	SHARE ALLOCATION OF CURRENT MONTH	SHARE ALLOCATION OF CURRENT MONTH	DRAWAL SCHEDULE	DRAWAL SCHEDULE
	(%)	(%)	(MWH)	(MWH)
	NBPDCCL ( 42 % )	SBPDCL ( 58 % )	NBPDCCL ( 42 % )	SBPDCL ( 58 % )
NTPC :				
FSTPS I & II	13.187104	18.210762	138245.329764	190910.217294
FSTPS III	10.632361	14.682784	30028.144617	41467.437804
KhSTPS I	17.580376	24.277662	91169.399430	125900.599213
KhSTPS II	2.091543	2.888322	13523.877152	18675.830353
TSTPS I	17.323059	23.922320	115825.210693	159949.100481
BARH STPS II	32.157177	44.407529	262254.880036	362161.501002
NHPC :				
RANGIT	14.700000	20.300000	2091.663000	2888.487000
TEESTA STG. V	8.9292	12.3308	7198.0960	9940.2278

Member Secretary