

# EASTERN REGIONAL POWER COMMITTEE

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No.ERPC/COM-I/REA/2016/ 894-933

Date: 04.10.2016

**To: As per list attached.**

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

Sir,

Please find enclosed a copy of the ABT based Provisional Energy Account for the month of September'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.

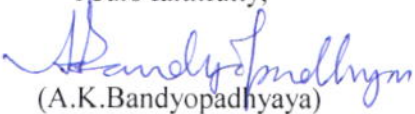
The following considerations were made in the preparation of REA for this month:

- a) The REA for the month has been prepared provisionally considering AFC as per available CERC orders and their latest revisions.
- 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 of 25.11.2014, 15% Un-allocated share from Barh STPS Stage – II allocated to Madhya Pradesh (WR) was withdrawn and re-allocated on pro rata basis to firm share holders.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 intimated by ERPC letter vide No-ERPC/COM-I/2015/2517 dated 31.08.15, 15% share allocation to be sold outside long term PPA by NTPC from Farakka-Stage III has been contracted with Bihar and withdrawn from Assam.
- g) The power scheduled under Ancillary Services Regulations from ER NTPC Stations is shown in Annexure-II
- h) As informed by NTPC, w.e.f 01.09.2016 15% allocation from Farakka Stage-III to Bihar has been withdrawn and power is being sold outside Long Term PPA.
- i) The statement of Bilateral Transactions for the month of September'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.

Encl.: As above.

Yours faithfully,

  
(A.K.Bandyopadhyaya)  
Member Secretary

## DISTRIBUTION LIST

- 1) CHIEF ENGINEER, TRANSMISSION (O&M), Bihar State Electricity Board, Viduyt 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, Biduyt Bhavan, 8<sup>th</sup> Floor, Bidhannagar, Kolkata-700091 (FAX : 033 2334 5862)
- 6) General Manager (Commercial), NTPC Ltd., Loknayak Jaiprakash Bhawan, Dakbunglow 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, Viduyt 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, Viduyt 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, Biduyt 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 Viduyt Bhavan, Race Course, Vadodara - 390007.
- 35) Chief G. M., Utrakhand 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, Viduyt Bhawan, Kumar House Complex , Block-II, Shimla-171004.
- 38) S.E.-I, Electricity Department, NO.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 SEPTEMBER- 2016

(\*) 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

	FSTPS STAGE-I&II	FSTPS STAGE-III I/C = 500 MW	KISTPS STAGE-I(*)	KISTPS STAGE-II(*)	TSTPS 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) :	1366.94	399.99	579.06	1326.60	889.34	559.13
6 Average Declared capacity (DC) for the month (ex-bus %) – PAFM :	91.34	99.86	75.75	93.84	94.36	44.94
7 Cumulative Availability (FY:2015-16) up to the preceding month (%) :	79.52	98.39	95.12	93.01	95.98	77.68
8 Cumulative Availability (FY:2015-16) including the current month (%) :	81.46	98.60	91.94	93.15	95.72	72.31
9 Cumulative Capacity charge payable upto the current month in Rs. [n x AFC/12] x ( PAFM / NPAF ) ; n=1,2,.....11,12(From April to March).	4459410488	2676452381	2764218500	6353190000	2952062000	7671168446
10 Cumulative Capacity charge upto the preceding month in Rs. :	3627759149	2444248750	2303515417	5294325000	2460051667	6867075045
11 Capacity Charge payable in the current month ( 9 - 10) in Rs. [CCn]	831651338	232203631	460703083	1058865000	492010333	804093401

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 SEPTEMBER- 2016

## 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) :	844534.629937	244211.926565	373353.800741	800182.367418	624378.622073	337316.930811
13 Cumulative Scheduled Ex-bus Generation upto the preceding month (MWH) :	3740042.234405	1392229.472803	2322130.020355	4054749.990998	3182237.898773	2954090.283180
14 Cumulative Scheduled Ex-bus Generation including the current month (MWH) :	4584576.864342	1636441.399368	2695483.821096	4854932.358416	3806616.520847	3291407.213991
15 Plant Load Factor for the current month ( % ) :	78.38	71.98	67.84	78.61	92.01	37.66
16 Cumulative Plant Load Factor including the current month ( % ) :	69.75	81.06	80.29	78.19	91.96	60.24
17 Normative Scheduled Energy cumulative beyond which incentive payable (MWH) : ( 85 % PLF; ex-bus MWH : 10 months )	5586733.800000	1716008.220000	2853658.080000	5277811.500000	3518541.000000	4644474.120000
18 Net Energy Scheduled to Virtual Ancillary Entity (VAE) for the month	14702.079	173.873	4282.898	18472.833	1008.719	3540.312
19 Cumulative Scheduled Generation to be considered for incentive upto preceding month	3721003.021	1381587.495	2309779.075	3981660.558	3180052.18	2931768.572
20 Cumulative Scheduled Generation to be considered for incentive upto current month	4550835.573	1625625.549	2678849.978	4763370.093	3803422.083	3265545.191
21 Cumulative Energy eligible for incentive including current month (MWH) :	0.000	0.000	0.000	0.000	284881.083	0.000
22 Energy eligible for incentive upto preceding month ( MWH ) :	0.000	0.000	0.000	0.000	238321.180	0.000
23* Energy eligible for incentive in the current month ( MWH ) :	0.000	0.000	0.000	0.000	46559.903	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