

# EASTERN REGIONAL POWER COMMITTEE

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No.ERPC/COM-I/REA/2017/2588-2597

Date: 09.10.2017

To: As per list attached.

Sub: Provisional Regional Energy Accounting (REA) of Eastern Region for the month of August' 2017\_Revision-II

Sir,

Please refer to the ABT based Provisional Energy Account for the month of August'2017 issued on 06.09.2017.

The said REA is revised in the following:

- (1) Page 2/12 has been revised to reflect the revision in schedule by ERLDC for FSTPS-I&II & KhSTPS-II.
- (2) Page 3/12 has been revised to reflect the revision in schedule by ERLDC for NVVN POWER A/c BPDB & NR for FSTPS-I&II.
- (3) Page 6/12 has been revised to reflect the revision in schedule by ERLDC for NVVN POWER A/c BPDB & WR for KhSTPS-II.
- (4) Page 10/12 for Rangit HPS has been revised as per information from ERLDC for updating the Schedule energy.

Enclosed please find Page 2/12[Revision-II], Page 3/12 [Revision-II], Page 6/12 [Revision-II] and Page 10/12 [Revision-II] for further necessary action by the constituents.

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.

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).
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**EASTERN REGIONAL POWER COMMITTEE :: KOLKATA**  
**REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF AUGUST- 2017**

<b>A. NTPC POWER STATIONS ( Contd..)</b>	<b>FSTPS STAGE-I&amp;II</b>	<b>FSTPS STAGE-III</b>	<b>KhSTPS STAGE-I (*)</b>	<b>KhSTPS STAGE-II (*)</b>	<b>TSTPS STAGE-I</b>	<b>BARH STPS STAGE-II</b>	<b>BRBCL</b>
12 Total Schduled Generation for the current month (MWH) :	759459.671162	244631.337943	483754.349747	874600.264760	661415.479039	627733.756503	94896.854942
13 Total Schduled Generation Excluding STOA/IER Exchange (MWH) :	759399.126650	238492.382234	483604.273877	872368.355499	661415.479039	627733.756503	94896.854942
14 Cumulative Schduled Ex-bus Generation upto the preceding month (MWH) :	2927256.999529	964739.695489	1716959.209970	3222552.383769	2313651.569322	2983809.458979	
15 Cumulative Schduled Ex-bus Generation including the current month (MWH) :	3686656.126179	1203232.077723	2200563.483847	4094920.739268	2975067.048361	3611543.215482	94896.854942
16 Plant Load Factor for the current month ( % ) :	68.21	73.44	85.06	83.15	94.32	67.82	56.07
17 Cumulative Plant Load Factor including the current month ( % ) :	67.09	79.54	78.41	78.95	85.97	79.06	56.19
18 Normative Scheduled Energy cumulative beyond which incentive payable (MWH) : ( 85 % PLF; ex-bus MWH : 10 months )	4670875.800000	1338700.224000	2385845.280000	4412596.500000	2941731.000000	3883084.920000	139230.000000
19 Net Energy Scheduled to Virtual Anciliary Entity (VAE) for the month	17083.677	0.000	11828.671	46630.358	0.000	12080.812	2663.599
20 Cumulative Scheduled Generation to be considered for incentive upto preceding month	2887025.741	964739.695	1695915.678	3132177.227	2316988.357	2959427.672	
21 Cumulative Scheduled Generation to be considered for incentive upto current month	3629341.191	1203232.077	2167691.281	3957915.225	2978403.836	3575080.616	92233.256
22 Cumulative Energy eligible for incentive including current month (MWH) :	0.000	0.000	0.000	0.000	36672.836	0.000	0.000
23 Energy eligible for incentive upto preceding month ( MWH ) :	0.000	0.000	0.000	0.000	0.000	0.000	
24* Energy eligible for incentive in the current month ( MWH ) :	0.000	0.000	0.000	0.000	36672.836	0.000	0.000

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 AUGUST- 2017

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

## ENTITLEMENT, INCENTIVE( IF ANY) &amp; ENERGY CHARGES BILLING

BENEFICIARIES	SHARE ALLOCATION OF CURRENT MONTH	ENTITLEMENT OF THE BENEFICIARIES	DRAWAL SCHEDULE	CUMULATIVE ENTITLEMENT OF THE BENEFICIARIES	CUMULATIVE DRAWAL SCHEDULE	SCHEDULE BELOW 85% OF ENTITLEMENT	CUM % FOR SHARING COMPENSATION
	( % )	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(%)
ER:							
BIHAR #	31.397866	280928.337403	228149.812806	1110748.17	900519.23	43616.714	13.49
JHARKHAND	8.574292	76707.493329	51271.823482	303301.05	216810.50	40995.393	12.68
DVC	0.000000						
DVC (COAL POWER - Rajasthan)	0.367647	6724.266209	5962.877811	26586.92	18737.35	3861.531	1.19
DVC (COAL POWER - Talcher)	0.192231						
DVC (COAL POWER - Unchahar)	0.191680						
ODISHA	13.630000						
ODISHA (COAL POWER - AFTAB)	0.099049						
ODISHA (COAL POWER - DADRI)	0.082937	126901.7837870	97687.958866	501754.07	289495.06	136995.895	42.36
ODISHA (COAL POWER - Rajasthan)	0.275736						
ODISHA (COAL POWER - Raj-II SunTech)	0.000000						
ODISHA (COAL POWER - Faridabad)	0.095840						
WEST BENGAL	30.540000						
West Bengal (COAL POWER - Rajasthan)	0.919117	281467.931020	246895.947114	1112889.61	904240.85	41715.321	12.90
West Bengal (COAL POWER- Raj-II SunTech)	0.000000						
SIKKIM	1.630000	14583.776382	10879.288943	57662.46	29103.66	19909.430	6.16
SUB-TOTAL	87.996395	787313.588130	640847.709020	3112942.28	2358906.65		
SR:							
ANDHRA PRADESH	0.000000						
KARNATAKA	0.000000						
TAMILNADU	1.290000						
KERALA	0.000000						
PONDICHERY	0.000000						
SUB-TOTAL	1.290000	11541.761677	26704.483512	45634.71	66597.08	0.000	0.00
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	0.00	0.00	0.000	0.00
NR:							
UTTAR PRADESH	2.080000						
HARYANA	0.690000						
RAJASTHAN	0.690000						
J & K	0.850000						
HIMACHAL PRADESH	0.000000						
DELHI	1.390000						
PUNJAB	1.390000						
UTTARAKHAND	0.000000						
CHANDIGARH	0.000000						
SUB-TOTAL	7.090000	63376.031212	47123.244799	250755.09	176836.11	36305.719	11.23
NER :							
ASSAM	2.455737						
ASSAM (COAL POWER - Rajasthan)	0.091912						
MEGHALAYA	0.000000						
NAGALAND	0.429803						
ARUNACHAL PRADESH	0.191917						
MIZORAM	0.141736						
SUB-TOTAL	3.311105	29623.934714	24856.319248	117128.30	102606.66	0.000	0.00
NVVN POWER - A/C BPDB	0.312500	2783.693457	2783.693457	11042.65	10961.91	0.000	0.00
VAE (UP)			17644.758165				
VAE (DOWN)			561.081550				
GRAND TOTAL	100.000000	894639.009189	759399.126651	3537503.02	2715908.41		100.00

# Please refer to Annexure

Member Secretary

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

## REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF AUGUST- 2017

STATION : KhSTPS STAGE - II  
ENTITLEMENT, INCENTIVE( IF ANY ) & ENERGY CHARGES BILLING

BENEFICIARIES	SHARE ALLOCATION OF CURRENT MONTH	ENTITLEMENT OF THE BENEFICIARIES	DRAWAL SCHEDULE	CUMULATIVE ENTITLEMENT OF THE BENEFICIARIES	CUMULATIVE DRAWAL SCHEDULE	SCHEDULE BELOW 85% OF ENTITLEMENT	CUM % FOR SHARING COMPENSATION
	(%)	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(%)
ER:							
BIHAR #	4.979865	52380.208595	63701.366181	179622.41	215626.94	0.000	0.00
JHARKHAND	1.248565	13132.905529	14313.628882	45035.41	52837.15	0.000	0.00
DVC	0.000000						
DVC (COAL POWER - Rajasthan)	0.367647						
DVC (COAL POWER - Raj-II Sun Tech)	0.000000	8026.716867	6958.607055	27525.25	19397.20	3999.261	0.86
DVC (COAL POWER - Talcher)	0.197531						
DVC (COAL POWER - Unchahar)	0.197934						
ODISHA	2.050000						
ODISHA (COAL POWER - AFTAB)	0.106629						
ODISHA (COAL POWER - DADRI)	0.089285						
ODISHA (COAL POWER - Rajasthan)	0.275736	27564.696314	28765.119316	94524.96	72451.19	7895.023	1.70
ODISHA (COAL POWER - Raj-II SunTech)	0.000000						
ODISHA (COAL POWER - Faridabad)	0.098967						
WEST BENGAL	0.000000						
West Bengal (COAL POWER - Rajasthan)	0.919117	9667.639250	7764.145704	33152.30	13818.16	14361.293	3.10
West Bengal (COAL POWER- Raj-II SunT	0.000000						
SIKKIM	0.330000	3471.071794	2819.728699	11903.02	8358.96	1758.604	0.38
SUB-TOTAL	10.861276	114243.238348	124322.595837	391763.35	382489.61		
SR:							
ANDHRA PRADESH	0.000000	0					
KARNATAKA	0.000000	0					
TAMILNADU	0.000000	0					
KERALA	0.000000	0					
PONDICHERY	0.000000	0					
SUB-TOTAL	0.000000	0	0.000000	0.00	0.00	0.000	0.00
WR:							
CHHATTISGARH	2.000000						
GUJARAT	9.400000						
MADHYA PRADESH	4.930000						
MAHARASTRA	9.870000						
DADRA & NAGAR HAVELI	0.200000						
DAMAN & DIU	0.130000						
GOA	0.000000						
SUB-TOTAL	26.530000	277703.254337	158611.841392	954536.76	539818.80	271537.444	58.59
NR:							
UTTAR PRADESH	16.730000						
HARYANA	4.580000						
RAJASTHAN	7.110000						
J & K	5.560000						
HIMACHAL PRADESH	1.530000						
DELHI	10.490000						
PUNJAB	8.020000						
UTTARAKHAND	1.870000						
CHANDIGARH	0.200000						
SUB-TOTAL	56.090000	589109.453444	471192.477631	2022283.84	1555065.79	163875.472	35.36
NER :							
ASSAM	5.093479						
ASSAM (COAL POWER - Rajasthan)	0.091912						
MEGHALAYA	0.000000						
NAGALAND	0.000000						
ARUNACHAL PRADESH	0.000000						
MIZORAM	0.000000						
SUB-TOTAL	5.185391	54542.013983	57643.104252	187035.68	180611.31	0.000	0.00
NVVN POWER - A/C BPDB	1.333333	13967.978822	13967.978822	48036.41	47675.47	0.000	0.00
VAE (UP)			47171.064263				
VAE (DOWN)			540.706697				
GRAND TOTAL	100.000000	1049566.000000	872368.355499	3603656.03	2705660.97		100.00

**EASTERN REGIONAL POWER COMMITTEE :: KOLKATA**  
**REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF AUGUST- 2017**

**BA. STATION : RANGIT HPS****CAPACITY CHARGES ( INCLUSIVE OF INCENTIVE ) & 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 } ]	<b>294.997032</b>
7	Annual Fixed Charge (Rs.)	<b>813424000</b>
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) :	41356.920
10	Free Energy (ex-bus) of the month :	4962.830
11	Saleable Energy ( ex-bus) of the month :	36394.090
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 } ]	50187450
13	Cumulative Schedule Energy including current month (MWH) :	163128.170
14	Plant Availability Factor (PAFM) achieved during the month ( % ) :	106.06
15	Capacity Charge inclusive of incentive payable for the month (Rs.) : [ AFC x 0.5 x ( NDM / NDY ) x ( PAFM / NAPAF ) ]	40706842
16	Ex-Bus Energy Generated during month in MWH :	42449.268
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	16190221	14474.922000	19960917
JHARKHAND	13.330000	6166161	5512.877436	7602258
DVC	10.000000	4625777	4135.692000	5703119
ODISHA	0.000000	0	0.000000	0
WEST BENGAL	28.340000	13109453	11720.551128	16162640
SIKKIM	13.330000	615228	5512.877436	758515
<b>TOTAL</b>	<b>100.000000</b>	<b>40706842</b>	<b>41356.920000</b>	<b>50187450</b>

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