

EASTERN REGIONAL POWER COMMITTEE

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No.ERPC/COM-I/REA/2017/1387-97

Date: 24.07.2017

To: As per list attached.

Sub: Provisional Regional Energy Accounting (REA) of Eastern Region for the month of June' 2017_Revision-I

Sir,

Please refer to the issuance of REA for the month of June, 2017 vide ERPC letter No. ERPC/COM-I/REA/2017/1043-82 dated 05.07.2017. The Schedule for Rangit HPS and PAFM for Teesta-V stations of NHPC is revised based on schedule revision by ERLDC.

Enclosed please find REA for Rangit HPS Page-9/11 [Revision-I] and Teesta HPS Page-10/11 [Revision-I] 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).
- 2) CHIEF ENGINEER (COMML.), Damodar Valley Corporation, DVC Tower, VIP Road, Kolkata-700054 (FAX: 033 23552129)
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- 5) CHIEF ENGINEER (PTR), West Bengal State Electricity Distribution Company Limited, Bidyut Bhavan, 8th 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)
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- 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

EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF JUNE- 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 }]	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) :	36445.250
10	Free Energy (ex-bus) of the month :	4373.430
11	Saleable Energy (ex-bus) of the month :	32071.820
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 }]	44227040
13	Cumulative Schedule Energy including current month (MWH) :	79747.250
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)]	39393718
16	Ex-Bus Energy Generated during month in MWH :	
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	15667956	12755.837500	17590300
JHARKHAND	13.330000	5967253	4858.151825	6699391
DVC	10.000000	4476559	3644.525000	5025800
ODISHA	0.000000	0	0.000000	0
WEST BENGAL	28.340000	12686568	10328.583850	14243117
SIKKIM	13.330000	595382	4858.151825	668431
TOTAL	100.000000	39393718	36445.250000	44227040

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 JUNE- 2017

BB. STATION : TEESTA STAGE - V HPS

CAPACITY CHARGES (INCLUSIVE OF INCENTIVE) & 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) :		335507.500
10	Free Energy (ex-bus) of the month :		40260.900
11	Saleable Energy (ex-bus) of the month :		295246.600
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 }]		328018973
13	Cumulative Schedule Energy including current month (MWH) :		826475.500
14	Plant Availability Factor achieved during the month - PAFM (%) :		98.65
15	Capacity Charge inclusive of incentive payable for the month (Rs.) : [AFC x 0.5 x (NDM / NDY) x (PAFM / NAPAF)]		237087642
16	Actual Ex-Bus Energy Generated during month in MWH :		
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	57278219	71328.894500	79246402
JHARKHAND	12.340000	33246153	41401.625500	45997206
DVC	8.640000	23277696	28987.848000	32205499
ODISHA	20.590000	55473120	69080.994250	76748985
WEST BENGAL	23.980000	64606382	80454.698500	89385170
SIKKIM	13.190000	3206072	44253.439250	4435711
TOTAL	100.000000	237087642	335507.500000	328018973

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