

EASTERN REGIONAL POWER COMMITTEE

14, Golf Club Road, Kolkata -700 033

Phone : 033-24235005

Fax : 033-24221802

web: www.erpc.gov.in
eeecom1.erpc@gov.in

No.ERPC/COM-I/REA/2016/ 503-510

Date: 18.07.2016

To: As per list attached.

Sub: Provisional Regional Energy Accounting (REA) of Eastern Region for the month of April' 2016-[Revision-III].

Sir,

Please refer to the issuance of Provisional Energy Account for the month of April'2016 [Except Page 11/11] issued by this office vide No.ERPC/COM-I/REA/2016/H 514-553 dated 03.05.2016 & No.ERPC/COM-I/REA/2016/H 872-879 dated 17.05.2016

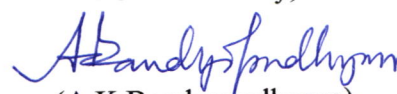
The following has been revised in the said REA:

1. Upon receipt of information from NHPC and clarification from ERLDC, the PAFM for Rangit HPS in page 9/11 (item No-14) has been updated and revised from 104.99% to 97.10%. Enclosed please find the revised REA Page 9/11[Revision-II] for further necessary action by the constituents.
2. For the REA for month of June-16, the actual generation data have been incorporated for Rangit HPS and Teesta HPS.

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, 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, 8th Floor, Bidhannagar, Kolkata-700091 (FAX : 033 2334 5862)
- 6) Sr. General Manager (PP), GRIDCO, 4th Floor, Vidyut Bhavan, Saheed Nagar, Bhubaneswar-751007
- 7) Chief Engineer (Commercial), NHPC Ltd., NHPC Office Complex, Sector-33, Faridabad, Haryana - 121003, (TELEFAX : 0129 2278358)
- 8) General Manager, ERLDC, 14 Golf Club Road, Kolkata-700033 (FAX: 033 2423 3648)

EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF APRIL 2016

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) :	12802.000
10	Free Energy (ex-bus) of the month :	1536.240
11	Saleable Energy (ex-bus) of the month :	11265.760
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 }]	15535483
13	Cumulative Schedule Energy including current month (MWH) :	12802.000
14	Plant Availability Factor (PAFM) achieved during the month (%) :	97.10
15	Capacity Charge inclusive of incentive payable for the month (Rs.) : [AFC x 0.5 x (NDM / NDY) x (PAFM / NAPAF)]	36065512
16	Ex-Bus Energy Generated during month in MWH :	14266.620
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	DRAWAL SCHUDULE OF THE BENEFICIARIES	ENERGY CHARGES PAYABLE BY THE BENEFICIARIES
	(%)	(Rs.)	(MWH)	(Rs.)
BIHAR #	35.000000	14344238	4480.700000	6178885
JHARKHAND	13.330000	5463105	1706.506600	2353273
DVC	10.000000	4098354	1280.200000	1765396
ODISHA	0.000000	0	0.000000	0
WEST BENGAL	28.340000	11614734	3628.086800	5003132
SIKKIM	13.330000	545081	1706.506600	234798
TOTAL	100.000000	36065512	12802.000000	15535483

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 2016

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) :	35779.250
10	Free Energy (ex-bus) of the month :	4293.510
11	Saleable Energy (ex-bus) of the month :	31485.740
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 }]	43418835
13	Cumulative Schedule Energy including current month (MWH) :	72733.500
14	Plant Availability Factor (PAFM) achieved during the month (%) :	105.78
15	Capacity Charge inclusive of incentive payable for the month (Rs.) : [AFC x 0.5 x (NDM / NDY) x (PAFM / NAPAF)]	39289502
16	Ex-Bus Energy Generated during month in MWH :	38684.484
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	DRAWAL SCHUDULE OF THE BENEFICIARIES	ENERGY CHARGES PAYABLE BY THE BENEFICIARIES
	(%)	(Rs.)	(MWH)	(Rs.)
BIHAR #	35.000000	15626506	12522.737500	17268855
JHARKHAND	13.330000	5951467	4769.374025	6576967
DVC	10.000000	4464716	3577.925000	4933959
ODISHA	0.000000	0	0.000000	0
WEST BENGAL	28.340000	12653005	10139.839450	13982839
SIKKIM	13.330000	593807	4769.374025	656216
TOTAL	100.000000	39289502	35779.250000	43418835

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 2016

BB. STATION : TEESTA STAGE - V HPS

CAPACITY CHARGES (INCLUSIVE OF INCENTIVE) & ENERGY CHARGES BILLING STATEMENT

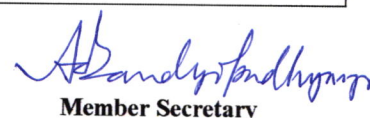
1	Installed Capacity (MW) :	170 UPTO 24:00 HRS. OF 02.04.08 340 FROM 00:00 HRS. OF 03.04.08 AFTER COD UNIT # 3 510 FROM 00:00 HRS. OF 10.04.08 AFTER COD UNIT # 1	
2	Auxiliary Energy Consumption (AUX) in (%) :		1.2
3	Normative Plant Availability Factor - NAPAF (%) :		85
4	Annual Design Energy in MU :		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) :		302646.000
10	Free Energy (ex-bus) of the month :		36317.520
11	Saleable Energy (ex-bus) of the month :		266328.480
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 }]		295890941
13	Cumulative Schedule Energy including current month (MWH) :		776718.000
14	Plant Availability Factor achieved during the month - PAFM (%) :		91.49
15	Capacity Charge inclusive of incentive payable for the month (Rs.) : [AFC x 0.5 x (NDM / NDY) x (PAFM / NAPAF)]		219884707
16	Actual Ex-Bus Energy Generated during month in MWH :		313784.413
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 (Rs.)	DRAWAL SCHUDULE OF THE BENEFICIARIES (MWH)	ENERGY CHARGES PAYABLE BY THE BENEFICIARIES (Rs.)
BIHAR #	21.260000	53122146	64342.539600	71484561
JHARKHAND	12.340000	30833833	37346.516400	41491980
DVC	8.640000	21588680	26148.614400	29051111
ODISHA	20.590000	51448024	62314.811400	69231755
WEST BENGAL	23.980000	59918583	72574.510800	80630281
SIKKIM	13.190000	2973441	39919.007400	4001253
TOTAL	100.000000	219884707	302646.000000	295890941

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