

**EASTERN REGIONAL POWER COMMITTEE**  
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No. ERPC/COM-I/REA/2010/ 138-146

Date: 07.04.2010

To: As per list attached.

**Sub: Provisional Regional Energy Accounting (REA) of Eastern Region for the month of MARCH, 2010 (REVISION-I)**

Sir,

Please refer to the issuance of Provisional Regional Energy Accounts (REA) for the month of March-10 issued vide this office letter No. ERPC/COM-I/REA/2010/18-57 dated 06.04.2010.

There was an inadvertent error in posting the PAFM figures in respect of Rangit HPS & Teesta Stage-V HPS of NHPC for the month of March-10 (Please refer page 6/11 & 7/11 of REA). The actual figures of PAFM will be 88.41% for Rangit HPS & 100.00% for Teesta Stage –V HPS instead of 85.25% & 98.66% respectively and the REA has been revised accordingly. All other entries in the REA remain unaltered.

Please find enclosed a revised copy of the Provisional Regional Energy Account for the month of March, 2010 (page No. 6/11 & 7/11) as above 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.

**(Joydev Bandyopadhyay)**  
**Superintending Engineer (Comml.)**

**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 (COMML.), West Bengal State Electricity Distribution Company Limited, Bidyut Bhavan, 8<sup>th</sup> Floor, Bidhannagar, Kolkata-700091 (FAX : 033 2359 8398 )
- 6) Sr. General Manager (PP), GRIDCO, 4th Floor, Vidyut Bhavan, Saheed Nagar, Bhubaneswar-751007
- 7) Chief (F & A), Commercial Division, NHPC Ltd., NHPC Office Complex, Sector-33, Faridabad-121003 ( FAX : 0129 2254668)
- 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 MARCH, 2010

## 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 ( % ) :	85
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.)	468382000
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 ) } ]	0.794
9	Scheduled Energy ( ex-bus ) of the month (MWH) :	12683.31
10	Free Energy (ex-bus) of the month :	1521.997
11	Saleable Energy ( ex-bus ) of the month :	11161.313
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 } ]	8862082
13	Cumulative Schedule Energy including current month (MWH) :	321273.15
14	Plant Availability Factor (PAFM) achieved during the month ( % ) :	88.41
15	Capacity Charge inclusive of incentive payable for the month (Rs.) : [ AFC x 0.5 x ( NDM / NDY ) x ( PAFM / NAPAF ) ]	20688142
16	Ex-Bus Energy Generated during month in MWH :	13160.521
17	Cumulative Ex-bus Energy Generated incl. current month in MWH :	322598.437
18	Actual Total Energy Generated during the year in MU : [ Ex-Bus Energy Genrated during the year x 100 / ( 100 - AUX ) ]	325857.007

## BILLING STATEMENT :

BENEFICIARIES	SHARE ALLOCATION FOR THE CURRENT MONTH ( % )	CAPACITY CHARGE INCLUSIVE OF INCENTIVE PAYABLE BY THE BENEFICIARIES (Rs.)	DRAWAL SCHEDULE OF THE BENEFICIARIES (MWH)	ENERGY CHARGES PAYABLE BY THE BENEFICIARIES (Rs.)
BIHAR	35.000000	8228238	4439.16	3524692
JHARKHAND	13.330000	3133783	1690.68	1342404
DVC	10.000000	2350925	1268.33	1007055
ORISSA	0.000000	0	0.00	0
WEST BENGAL	28.340000	6662522	3594.45	2853993
SIKKIM	13.330000	312673	1690.69	133938
TOTAL	100.000000	20688142	12683.31	8862082

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

## REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF MARCH, 2010

## 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.)		3359715000
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 ) } ]		0.751
9	Scheduled Energy ( ex-bus ) of the month (MWH) :		117498.89
10	Free Energy ( ex-bus ) of the month :		14099.866
11	Saleable Energy ( ex-bus ) of the month :		103399.020
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 } ]		77652664
13	Cumulative Schedule Energy including current month (MWH) :		2573629.62
14	Plant Availability Factor achieved during the month - PAFM ( % ) :		100.00
15	Capacity Charge inclusive of incentive payable for the month (Rs.) : [ AFC x 0.5 x ( NDM / NDY ) x ( PAFM / NAPAF ) ]		167850387
16	Actual Ex-Bus Energy Generated during month in MWH :		118540.672
17	Cumulative Actual Ex-bus Energy Generated incl. current month in MWH :		2580213.403
18	Actual Total Energy Generated during the year in MU : [ Actual Ex-Bus Energy Genrated during the year x 100 / ( 100 - AUX ) ]		2611552.027

## BILLING STATEMENT :

BENEFICIARIES	SHARE ALLOCATION FOR THE CURRENT MONTH ( % )	CAPACITY CHARGE INCLUSIVE OF INCENTIVE PAYABLE BY THE BENEFICIARIES (Rs.)	DRAWAL SCHEDULE OF THE BENEFICIARIES (MWH)	ENERGY CHARGES PAYABLE BY THE BENEFICIARIES (Rs.)
BIHAR	21.260000	40551128	24980.27	18760178
JHARKHAND	12.340000	23537202	14499.37	10889021
DVC	8.640000	16479856	10151.90	7624080
ORISSA	20.590000	39273176	24193.02	18168958
WEST BENGAL	23.980000	45739230	28176.23	21160351
SIKKIM	13.190000	2269795	15498.10	1050076
TOTAL	100.000000	167850387	117498.89	77652664

Note : As per latest CERC order dated 05.01.2010 in Petition No.132/2009, where generation tariff for Teesta HE Project Stage-V for the period from 01.03.2008-31.03.2009 was approved for Rs. 33597.15 Lakhs

S.E.(Commercial)