

# **EASTERN REGIONAL POWER COMMITTEE**

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**No. ERPC/COM-I/REA/2012/6851-58**

**Date: 17/18.01.2012**

**To: As per list**

**Sub: Provisional Regional Energy Accounting (REA) of Eastern Region for the month of December' 2011—Revision-I**

Ref:

1. Provisional Regional Energy Accounting (REA) of Eastern Region for the month of December' 2011 issued vide ERPC letter No. ERPC/COM-I/REA/2012/6276-6316 dated: 03.01.2012
2. NHPC Teesta Stage-V letter vide No-NH/TSV/PH/M(E)/ERPC/7069 dated-12.01.2012
3. NHPC Rangit Stage-V letter vide No-NH/RPS/PHE/OP/14/93 dated-16.01.2012

Sir,

Please refer to the above issuances of Provisional Regional Energy Accounting (REA) for month of December'11 issued by ERPC Secretariat and letters received from NHPC Teesta Stage-V HPS and Rangit HPS.

It is to be informed that there was an inadvertent error in the PAFM figures for NHPC Rangit HPS and Teesta Stage-V HPS [Page 6/8 and 7/8 respectively] in the REA for December, 2011. The same has been corrected and the revised REA for both stations is being hereby issued.

All other pages remain the same.

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/-**

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

## **DISTRIBUTION LIST**

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## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

## REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF DECEMBER, 2011

## 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<br>[ { DE x ( 100 - AUX ) x ( 100 - FEHS ) / 10000 } ]  | 294.997032 |
| 7  | Annual Fixed Charge (Rs.)  | 468981000  |
| 8  | Energy Charge Rate (ECR) on ex-power plant basis in Rs. / kWh:<br>[ AFC x 0.5 x 10 / { DE x ( 100 - AUX ) x ( 100 - FEHS ) } ]       | 0.795      |
| 9  | Scheduled Energy ( ex-bus ) of the month (MWH) :   | 20569.58   |
| 10 | Free Energy (ex-bus) of the month :  | 2468.349   |
| 11 | Saleable Energy ( ex-bus ) of the month :  | 18101.226  |
| 12 | Total Energy Charge payable for the month in Rs. :<br>[ ECR x { Sch. Energy (ex-bus) for the month in kWh x ( 100 - FEHS ) / 100 } ] | 14390475   |
| 13 | Cumulative Schedule Energy including current month (MWH) :   | 299378.47  |
| 14 | Plant Availability Factor (PAFM) achieved during the month ( % ) :   | 75.43      |
| 15 | Capacity Charge inclusive of incentive payable for the month (Rs.) :<br>[ AFC x 0.5 x ( NDM / NDY ) x ( PAFM / NAPAF ) ]             | 17625078   |
| 16 | Ex-Bus Energy Generated during month in MWH :  | 20466.420  |
| 17 | Cumulative Ex-bus Energy Generated incl. current month in MWH :  | 303033.936 |
| 18 | Actual Total Energy Generated during the year in MU :<br>[ Ex-Bus Energy Genrated during the year x 100 / ( 100 - AUX ) ]            |            |

## BILLING STATEMENT :

| BENEFICIARIES | SHARE ALLOCATION FOR THE CURRENT MONTH<br>( % ) | CAPACITY CHARGE INCLUSIVE OF INCENTIVE PAYABLE BY THE BENEFICIARIES<br>(Rs.) | DRAWAL SCHUDULE OF THE BENEFICIARIES<br>(MWH) | ENERGY CHARGES PAYABLE BY THE BENEFICIARIES<br>(Rs.) |
|---------------|---|--|---|--|
| BIHAR         | 35.000000                                       | 7009974  | 7199.35                                       | 5723484  |
| JHARKHAND     | 13.330000                                       | 2669799  | 2741.92                                       | 2179830  |
| DVC           | 10.000000                                       | 2002850  | 2056.96                                       | 1635281  |
| ORISSA        | 0.000000  | 0  | 0.00  | 0  |
| WEST BENGAL   | 28.340000                                       | 5676076  | 5829.42                                       | 4634387  |
| SIKKIM        | 13.330000                                       | 266379   | 2741.92                                       | 217492   |
| TOTAL         | 100.000000                                      | 17625078   | 20569.58                                      | 14390475   |

Note-The year 2011-12 has 366 days instead of 365 days and this has been corrected from REA of this month.

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

## REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF DECEMBER, 2011

## 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<br>340 FROM 00:00 HRS. OF 03.04.08 AFTER COD UNIT # 3<br>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 :<br>[ { 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:<br>[ AFC x 0.5 x 10 / { DE x ( 100 - AUX ) x ( 100 - FEHS ) } ]       |   | 0.751       |
| 9  | Scheduled Energy ( ex-bus ) of the month (MWH) :   |   | 106245.15   |
| 10 | Free Energy ( ex-bus ) of the month :  |   | 12749.418   |
| 11 | Saleable Energy ( ex-bus ) of the month :  |   | 93495.728   |
| 12 | Total Energy Charge payable for the month in Rs. :<br>[ ECR x { Sch. Energy (ex-bus) for the month in kWh x ( 100 - FEHS ) / 100 } ] |   | 70215292    |
| 13 | Cumulative Schedule Energy including current month (MWH) :   |   | 2237156.68  |
| 14 | Plant Availability Factor achieved during the month - PAFM ( % ) :   |   | 95.70       |
| 15 | Capacity Charge inclusive of incentive payable for the month (Rs.) :<br>[ AFC x 0.5 x ( NDM / NDY ) x ( PAFM / NAPAF ) ]             |   | 160193933   |
| 16 | Actual Ex-Bus Energy Generated during month in MWH :   |   | 105755.894  |
| 17 | Cumulative Actual Ex-bus Energy Generated incl. current month in MWH :   |   | 2248851.931 |
| 18 | Actual Total Energy Generated during the year in MU :<br>[ Actual Ex-Bus Energy Genrated during the year x 100 / ( 100 - AUX ) ]     |   |             |

## BILLING STATEMENT :

| BENEFICIARIES | SHARE ALLOCATION FOR THE CURRENT MONTH<br>( % ) | CAPACITY CHARGE INCLUSIVE OF INCENTIVE PAYABLE BY THE BENEFICIARIES<br>(Rs.) | DRAWAL SCHUDULE OF THE BENEFICIARIES<br>(MWH) | ENERGY CHARGES PAYABLE BY THE BENEFICIARIES<br>(Rs.) |
|---------------|---|--|---|--|
| BIHAR         | 21.260000                                       | 38701398   | 22587.72                                      | 16963376   |
| JHARKHAND     | 12.340000                                       | 22463558   | 13110.65                                      | 9846099  |
| DVC           | 8.640000  | 15728132   | 9179.58                                       | 6893865  |
| ORISSA        | 20.590000                                       | 37481739   | 21875.88                                      | 16428783   |
| WEST BENGAL   | 23.980000                                       | 43652847   | 25477.59                                      | 19133667   |
| SIKKIM        | 13.190000                                       | 2166259  | 14013.74                                      | 949502   |
| TOTAL         | 100.000000                                      | 160193933  | 106245.15                                     | 70215292   |

Note-The year 2011-12 has 366 days instead of 365 days and this has been corrected from REA of this month.