

**EASTERN REGIONAL POWER COMMITTEE**  
**14, Golf Club Road, Kolkata -700 033**

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No. ERPC/COM-I/REA/2010/3055-94

Date: 04.03.2010

To: As per list attached.

Sub: Provisional Regional Energy Accounting (REA) of Eastern Region for the month of February 2010 (Except Page No. 8/11 consisting of REA for Tala HEP etc.).

Sir,

Please find enclosed a copy of the ABT based Provisional Regional Energy Account for the month of February, 2010 ( *Except page No. 8/11 consisting of REA for TALA HEP etc. as the relevant monthly meter reading data is yet to be received from PTC*) for further necessary action by the constituents.

The following considerations were made in the preparation of REA for this month :

- a) The REA for the month has been prepared provisionally considering AFC existing till 31.03.2009 for all the ISGS & ISTS of the region ( until finalisation by CERC ) and based on norms as per provisions made in the CERC Tariff Regulation 2009. The annual fixed charge for Rangit HPS of NHPC vide CERC order dated 12.10.2009 against petition No. 40/2009 of NHPC stands revised as 4683.82 Lakh for 2008-09. The annual fixed charge for Farakka STPS, Kahalgaon Stage-I STPS & Teesta Stage-V HPS as per CERC order dated 23.12.2009, dated 11.01.2010, dated 05.01.2010 (in Petition No-32/2007, 120/2005, 132/2009 respectively) stands revised as Rs.51836 Lakhs, Rs.31514 Lakhs & Rs. 33097.79 Lakhs respectively.
- b) Revised Allocation order of MoP/CEA vide No. 5/ER/CSA/GM-2009/ dated 29.01.10 as intimated vide ERPC letter No. ERPC/COM-I/Share/2010/ ( refer Fax Msg. No. 815 ) dated 29.01.10 was given effect from 00:00 hrs of 01.02.2010.
- c) ERLDC vide their letter dated 12.09.08 intimated that 50 MW power from Mejia Unit No. # 5 of DVC being scheduled to WBSEDCL as LTOA w.e.f. 00:00 hrs of 12.09.08 which has been given effect in the REA and the necessary agreement in this regard would be effected retrospectively from the date of scheduling by concerned parties. It is requested that a copy of the agreement and LTOA order may be sent to ERPC Secretariat for record.
- d) ERLDC started scheduling 100MW power to MPPTCL as LTOA from each Unit Nos. # 5& 6 of Mejia of DVC with effect from 19:00 Hrs of 24.09.08 which has also been given effect in the REA. With effect from 01.10.2008, 150MW power allocated to NR constituents from Mejia Unit# 6 has been considered as LTOA power to NR constituents.
- e) The statement of short term bilateral transactions for the month of February'10 will be issued separately.

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.)

## **ERPC :: KOLKATA**

### **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) Addl. General Manager (Commercial), NTPC Ltd., Loknayak Jaiprakash Bhawan, Dakbungalow Chowk, Patna-800001(FAX: 0612 2230035 / 2224287 )
- 7) Regional Executive Director (East-II), 3<sup>rd</sup> Floor, OCHC Building (New), 24, Janpath, Bhubaneswar - 751001 (Fax No. 0674-2394857)
- 8) Addl. General Manager (Commercial), ERTS-I, POWERGRID, Boring Road, Alankar Place, Patna-800001.( FAX: 0612 2234097/2228984)
- 9) Chief (F & A), Commercial Division, NHPC Ltd., NHPC Office Complex, Sector-33, Faridabad-121003 ( FAX : 0129 2254668)
- 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
- 12) Chief Engineer (GM),CEA, 6<sup>th</sup> Floor,Sewa Bhawan,R.K.Puram, NewDelhi-110066 (FAX: 011 26109750)
- 13) Member Secretary,WRPC, MIDC Area, Marol, Andheri(E), Mumbai-400093 (FAX : 022 2837 0193 ).
- 14) Member Secretary,NRPC,Katwaria Sarai,18A SJSS Marg,New Delhi-16 (FAX 01126865206 ).
- 15) Member Secretary, SRPC, 29, Race Course Road,Banglore-560009 (FAX : 080 2259343 ).
- 16) Member Secretary, NERPC, ' MEGHALAYA STATE HOUSING FINANCE CO-OPERATIVE SOCIETY LTD' (Behind BETHANY HOSPITAL), Nongrim Hills, Shillong-793003
- 17) Chief Engineer (Commercial), MP Power Trading Co. Ltd., Shakti Bhawan,Vidyut Nagar, Jabalpur-482008.
- 18) Chief Engineer(PP), MSEDCL, Prakashgarh, 4<sup>th</sup> Floor, Bandra(East), Mumbai- 400051.
- 19) Chief Engineer.(Commercial), CSEB, Dandania, Post Sunder Nagar, Raipur-492013.
- 20) Executive Engineer, Electricity Department, Administration of Dadra and Nager Haveli, SILVASSA, Via. VAPI, PIN : 396 230.
- 21) Executive Engineer, Electricity Department, Administration of Daman & Diu, Power House Building, Nani Daman – 396 210.
- 22) Superintending Engineer (Commercial), Electricity Department, Panaji, Goa.
- 23) Chief Engineer(Operation),Main Load Despatch Centre,TNEB,802Anna Salai,Chennai-600002.
- 24) General Manager, Energy Accounts Dept., UPPCL, Shakti Bhawan Extn., 14Ashok Marg, Lucknow-226001.
- 25) Chief Engineer(Comml & Survey Wing), Power Dept.,Govt. of J&K, GLADNI,Jammu-180006.
- 26) Chief Engineer , Rajasthan Power Procurement Centre, Bidyut Bhavan, Janpath, Jaipur.
- 27) Chief Engineer (Commercial), Delhi Transco Ltd., 33 kV S/s,Minto Road,New Delhi-110002.
- 28) Director (Interstate Billing), PSEB, 220 Kv Grid S/s, The Mall, Patiala-147001.
- 29) Chief Engineer (Commercial), HVPNL .,Shakti Bhawan,Sector-6,Panch kula-134109.
- 30) GM (Commercial-Tariff), ASEB, Bijulee Bhawan, Paltan Bazar, Guwahati- 781001.
- 31) Chief Engineer (Power ), Deptt. of Power, Govt. of Nagaland, Kohima –797 001.
- 32) Member (Technical) MeSEB, Lumjingshai, Short Round Road, Shillong.
- 33) GM (Regulation & Tariff Cell), OPTCL, Janpath, Bhubaneswar-751022.
- 34) Vice President (CS-CB), PTC India Limited, 2<sup>nd</sup> Floor, NBCC Tower, 15, Bikaji Cama Place, New Delhi –110065 ( FAX : 011 41659142 )
- 35) Executive Director(Finance), Gujarat Urja Vikas Nigam Ltd., Sardar Patel Vidyut Bhavan, Race Course, Vadodara – 390007.
- 36) Chief G. M., Utrakhand Power Corp. Ltd., Urja Bhawan, Kanwali Road, Dehradun - 248006.
- 37) Superintending Engineer(E), UT of Chandigarh, 5<sup>th</sup> Floor, New Addl. Office Bldg., Sector-9D, Chandigarh-160 009.
- 38) Chief Engineer (System Operation), Himachal Pradesh State Electricity Board, Vidyut Bhawan, Kumar House Complex , Block-II, Shimla-171004.
- 39) S.E.-I, Electricity Department, N0.137, NSC Bose Salai, Puducherry-605001.
- 40) Chief Engineer (Comml), APPCC, Vidyut Soudha, Hyderabad-82.

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

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

(\*) C.O.D. OF UNIT # 5 OF KhSTPS STAGE - II ON 00:00 HRS. OF 01.08.2008

(\*) C.O.D. OF UNIT # 6 OF KhSTPS STAGE - II ON 00:00 HRS. OF 30.12.2008

## A. NTPC POWER STATIONS

	FSTPS STAGE-I	KhSTPS STAGE-I	KhSTPS STAGE-II (*)	TSTPS STAGE-I
1 Installed Capacity (MW) :	1600	840	1000	1000
2 Normative Auxiliary Energy Consumption as per CERC Tariff Notification (%) :	6.9375	9.0000	6.5000	6.5000
3 Ex-Bus Normative Capacity at 100% availability (MW) :	1489.0	764.4	935.0	935.0
4 Annual Fixed Charge (AFC) in Rs.: (85% and above)	5183600000	3151400000	5153800000	3973000000
5 Average Declared capacity (DC) for the month (ex-bus MW) :	1343.71	717.80	855.54	877.54
6 Average Declared capacity (DC) for the month (ex-bus %) -- PAFM :	90.24	93.90	91.50	93.85
7 Cumulative Availabilty (FY:2008-09) including the current month (%) :	72.65	67.68	63.65	85.69
8 Capacity charge (inclusive of incentive) payable in the current month in Rs. : [ AFC x ( NDM / NDY ) x ( PAFM / NAPAF ) ] [ AFC x ( NDM / NDY ) x ( 0.5 +0.5 x PAFM / NAPAF ) ]	422159735	267064009	410476706	336510859
9 Cumulative Capacity Charge (incl. of incentive) including current month in Rs.	4054187816	1694111085	2871263793	3665117792
10 Total Scheduled Generation for the current month (MWH) :	879768.54	479599.65	565018.70	589612.29

S.E.(Commercial)

EASTERN REGIONAL POWER COMMITTEE :: KOLKATA			
REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF FEBRUARY, 2010			
STATION : FSTPS STAGE - I			
CAPACITY CHARGES ( INCLUSIVE OF INCENTIVE, IF ANY ) & ENERGY CHARGES BILLING			
BENEFICIARIES	SHARE ALLOCATION OF CURRENT MONTH	CAPACITY CHARGE INCLUSIVE OF INCENTIVE PAYABLE BY THE BENEFICIARIES	DRAWAL SCHUDULE
	( % )	(Rs. )	(MWH)
<b>ER:</b>			
BIHAR	26.066250	110041212	235381.10
JHARKHAND	9.246667	39035705	83491.24
DVC	0.000000	0	0.00
ORISSA	13.630000	57540372	123074.81
WEST BENGAL	28.810000	121624220	238522.54
SIKKIM	1.630000	6881204	14718.41
SUB-TOTAL	79.382917	335122712	695188.10
<b>SR:</b>			
ANDHRA PRADESH	2.480000	10469561	
KARNATAKA	0.000000	0	
TAMILNADU	1.460000	6163532	
KERALA	0.000000	0	
PONDICHERRY	0.334583	1412475	
SUB-TOTAL	4.274583	18045568	38469.05
<b>WR:</b>			
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	0.00
<b>NR:</b>			
UTTAR PRADESH	2.760000	11651609	
HARYANA	0.910000	3841654	
RAJASTHAN	0.910000	3841654	
J & K	2.499167	10550477	
HIMACHAL PRADESH	0.000000	0	
DELHI	1.850000	7809955	
PUNJAB	1.850000	7809955	
UTTARAKHAND	0.000000	0	
CHANDIGARH	0.000000	0	
SUB-TOTAL	10.779167	45505303	95876.79
<b>NER :</b>			
ASSAM	4.955000	20918015	
MEGHALAYA	0.000000	0	
NAGALAND	0.608333	2568137	
SUB-TOTAL	5.563333	23486152	50234.60
<b>GRAND TOTAL</b>	<b>100.000000</b>	<b>422159735</b>	<b>879768.54</b>

EASTERN REGIONAL POWER COMMITTEE :: KOLKATA			
REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF FEBRUARY, 2010			
STATION : KhSTPS STAGE - I CAPACITY CHARGES ( INCLUSIVE OF INCENTIVE, IF ANY ) & ENERGY CHARGES BILLING			
BENEFICIARIES	SHARE ALLOCATION OF CURRENT MONTH	CAPACITY CHARGE INCLUSIVE OF INCENTIVE PAYABLE BY THE BENEFICIARIES	DRAWAL SCHUDULE
	( % )	(Rs. )	(MWH)
<b>ER:</b>			
BIHAR	30.467917	81368841	146972.21
JHARKHAND	4.615000	12325004	22263.79
DVC	0.000000	0	0.00
ORISSA	15.240000	40700555	73512.24
WEST BENGAL	0.000000	0	0.00
SIKKIM	1.550000	4139492	7476.64
SUB-TOTAL	51.872917	138533892	250224.88
<b>SR:</b>			
ANDHRA PRADESH	2.450000	6543068	
KARNATAKA	0.000000	0	
TAMILNADU	1.440000	3845722	
KERALA	0.000000	0	
PONDICHERRY	0.330000	881311	
SUB-TOTAL	4.220000	11270101	20341.42
<b>WR:</b>			
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	0.00
<b>NR:</b>			
UTTAR PRADESH	11.320000	30231646	
HARYANA	3.780000	10095020	
RAJASTHAN	3.780000	10095020	
J & K	5.923750	15820204	
HIMACHAL PRADESH	0.000000	0	
DELHI	7.540000	20136626	
PUNJAB	7.540000	20136626	
UTTARAKHAND	0.000000	0	
CHANDIGARH	0.000000	0	
SUB-TOTAL	39.883750	106515142	189625.75
<b>NER :</b>			
ASSAM	3.273333	8741894	
MEGHALAYA	0.000000	0	
NAGALAND	0.600000	1602384	
SUB-TOTAL	3.873333	10344278	18684.06
POWERGRID(PUSAULI)	0.150000	400596	723.54
<b>GRAND TOTAL</b>	<b>100.000000</b>	<b>267064009</b>	<b>479599.65</b>

EASTERN REGIONAL POWER COMMITTEE :: KOLKATA			
REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF FEBRUARY, 2010			
STATION : KbSTPS STAGE - II			
CAPACITY CHARGES ( INCLUSIVE OF INCENTIVE, IF ANY ) & ENERGY CHARGES BILLING			
BENEFICIARIES	SHARE ALLOCATION OF CURRENT MONTH	CAPACITY CHARGE INCLUSIVE OF INCENTIVE PAYABLE BY THE BENEFICIARIES	DRAWAL SCHUDULE
	( % )	(Rs. )	(MWH)
<b>ER:</b>			
BIHAR	6.670000	27378796	38347.50
JHARKHAND	1.670000	6854961	9601.24
DVC	0.000000	0	0.00
ORISSA	0.600000	2462860	3449.54
WEST BENGAL	0.000000	0	0.00
SIKKIM	0.330000	1354573	1897.25
<b>SUB-TOTAL</b>	<b>9.270000</b>	<b>38051191</b>	<b>53295.53</b>
<b>SR:</b>			
ANDHRA PRADESH	0.000000	0	
KARNATAKA	0.000000	0	
TAMILNADU	0.000000	0	
KERALA	0.000000	0	
PONDICHERRY	0.000000	0	
<b>SUB-TOTAL</b>	<b>0.000000</b>	<b>0</b>	<b>0.00</b>
<b>WR:</b>			
CHHATTISGARH	2.000000	8209534	
GUJARAT	9.400000	38584810	
MADHYA PRADESH	4.930000	20236502	
MAHARASTRA	9.870000	40514051	
DADRA & NAGAR HAVELI	0.200000	820953	
DAMAN & DIU	0.130000	533620	
GOA	0.000000	0	
<b>SUB-TOTAL</b>	<b>26.530000</b>	<b>108899470</b>	<b>147377.46</b>
<b>NR:</b>			
UTTAR PRADESH	17.160000	70437803	
HARYANA	4.720000	19374501	
RAJASTHAN	7.250000	29759561	
J & K	5.730000	23520315	
HIMACHAL PRADESH	1.530000	6280294	
DELHI	10.770000	44208341	
PUNJAB	8.310000	34110614	
UTTARAKHAND	1.870000	7675914	
CHANDIGARH	0.200000	820953	
<b>SUB-TOTAL</b>	<b>57.540000</b>	<b>236188297</b>	<b>326055.70</b>
<b>NER :</b>			
ASSAM	5.060000	20770121	
MEGHALAYA	1.600000	6567627	
NAGALAND	0.000000	0	
<b>SUB-TOTAL</b>	<b>6.660000</b>	<b>27337749</b>	<b>38290.01</b>
<b>GRAND TOTAL</b>	<b>100.000000</b>	<b>410476706</b>	<b>565018.70</b>

EASTERN REGIONAL POWER COMMITTEE :: KOLKATA			
REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF FEBRUARY, 2010			
STATION : TSTPS STAGE - I			
CAPACITY CHARGES ( INCLUSIVE OF INCENTIVE, IF ANY ) & ENERGY CHARGES BILLING			
BENEFICIARIES	SHARE ALLOCATION OF CURRENT MONTH	CAPACITY CHARGE INCLUSIVE OF INCENTIVE PAYABLE BY THE BENEFICIARIES	DRAWAL SCHUDULE
	( % )	(Rs. )	(MWH)
<b>ER:</b>			
BIHAR	37.264583	125399368	219756.83
JHARKHAND	9.146667	30779528	53936.98
DVC	0.310000	1043184	1828.09
ORISSA	31.800000	107010453	187526.99
WEST BENGAL	9.100000	30622488	53568.17
SIKKIM	2.400000	8076261	14152.98
SUB-TOTAL	90.021250	302931282	530770.04
<b>SR:</b>			
ANDHRA PRADESH	2.480000	8345469	
KARNATAKA	0.000000	0	
TAMILNADU	1.460000	4913059	
KERALA	0.000000	0	
PONDICHERRY	0.334583	1125908	
SUB-TOTAL	4.274583	14384436	25202.97
<b>WR:</b>			
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	0.00
<b>NR:</b>			
UTTAR PRADESH	0.000000	0	
HARYANA	0.000000	0	
RAJASTHAN	0.000000	0	
J & K	1.379167	4641047	
HIMACHAL PRADESH	0.000000	0	
DELHI	0.000000	0	
PUNJAB	0.000000	0	
UTTARAKHAND	0.000000	0	
CHANDIGARH	0.000000	0	
SUB-TOTAL	1.379167	4641047	8134.75
<b>NER :</b>			
ASSAM	3.716667	12506988	
MEGHALAYA	0.000000	0	
NAGALAND	0.608333	2047107	
SUB-TOTAL	4.325000	14554095	25504.53
<b>GRAND TOTAL</b>	<b>100.000000</b>	<b>336510859</b>	<b>589612.29</b>

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

## REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF FEBRUARY, 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 - NAPAFA ( % ) :	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) :	10825.40
10	Free Energy (ex-bus) of the month :	1299.048
11	Saleable Energy ( ex-bus ) of the month :	9526.352
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 } ]	7563923
13	Cumulative Schedule Energy including current month (MWH) :	308589.84
14	Plant Availability Factor (PAFM) achieved during the month ( % ) :	74.34
15	Capacity Charge inclusive of incentive payable for the month (Rs.) : [ AFC x 0.5 x ( NDM / NDY ) x ( PAFM / NAPAFA ) ]	15712272
16	Ex-Bus Energy Generated during month in MWH :	10914.588
17	Cumulative Ex-bus Energy Generated incl. current month in MWH :	309437.916
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	6249199	3788.88	3008379
JHARKHAND	13.330000	2380052	1443.03	1145763
DVC	10.000000	1785485	1082.54	859537
ORISSA	0.000000	0	0.00	0
WEST BENGAL	28.340000	5060066	3067.92	2435927
SIKKIM	13.330000	237470	1443.03	114318
TOTAL	100.000000	15712272	10825.40	7563923

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

## REGIONAL ENERGY ACCOUNTING FOR THE MONTH OF FEBRUARY, 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.)		3309779000
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 ) } ]		0.740
9	Scheduled Energy ( ex-bus ) of the month (MWH) :		58978.070
10	Free Energy ( ex-bus ) of the month :		7077.368
11	Saleable Energy ( ex-bus ) of the month :		51900.702
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 } ]		38406519
13	Cumulative Schedule Energy including current month (MWH) :		2456130.73
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 ) ]		149353444
16	Actual Ex-Bus Energy Generated during month in MWH :		58886.163
17	Cumulative Actual Ex-bus Energy Generated incl. current month in MWH :		2461672.731
18	Actual Total Energy Generated during the year in MU : [ Actual Ex-Bus Energy Generated 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 SCHEDULE OF THE BENEFICIARIES (MWH)	ENERGY CHARGES PAYABLE BY THE BENEFICIARIES (Rs.)
BIHAR	21.260000	36082434	12538.74	9278666
JHARKHAND	12.340000	20943426	7277.89	5385641
DVC	8.640000	14663793	5095.71	3770822
ORISSA	20.590000	34945311	12143.58	8986253
WEST BENGAL	23.980000	40698813	14142.94	10465776
SIKKIM	13.190000	2019666	7779.21	519361
TOTAL	100.000000	149353444	58978.07	38406519

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. 33097.79 Lakhs

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

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

## F1. PAYMENT OF TRANSMISSION CHARGES OF ISTS

## TRANSMISSION CHARGES ( INCLUSIVE OF INCENTIVE ) BILLING STATEMENT

<b><u>FOR REGIONAL SYSTEM ( EASTERN)</u></b>		
1	Annual Fixed Cost (AFC) for the year (Rs.) [ Powergrid Figures as on 31.03.2009 ] :	<b>6964145000</b>
2	Normative Annual Transmission Availability Factor (NATAF) for AC system ( % ) :	<b>98.00</b>
3	As estimated by Powergrid,Transmission System Availability Factor (TAFM) for the month ( % ) :	<b>99.763</b>
4	Transmission Charge ( inclusive of incentive ) payable for the current month ( Rs. ) : [ AFC x (NDM / NDY ) x ( TAFM / NATAF ) ]	<b>543846573</b>
5	Transmission System Availability Factor (TAFM) considered in REA for the previous month ( % ) :	<b>99.763</b>
6	As verified by ERLDC and certified by Member Secretary (ERPC), Transmission System Availability Factor (TAFM) for the previous month ( % ) :	<b>99.761</b>
7	Transmission Charges considered for the previous month (Rs.) :	<b>602115849</b>
8	Transmission Charges to be paid as per certified TAFM for the previous month (Rs.) :	<b>602103778</b>
9	Adjustment to be made in Transmission Charges for the previous month (Rs.) : ( 8 - 7 )	<b>-12071</b>
<b><u>FOR INTER-REGIONAL SYSTEM ( EASTERN - NORTH EASTERN)</u></b>		
1	Annual Fixed Cost (AFC) for the year (Rs.) [ Powergrid Figures as on 31.03.2009 ( 50 % )-Provisional ] :	<b>148313000</b>
2	Normative Annual Transmission Availability Factor (NATAF) for AC system ( % ) :	<b>98.00</b>
3	As estimated by Powergrid,Transmission System Availability Factor (TAFM) for the month ( % ) :	<b>100.000</b>
4	Transmission Charge ( inclusive of incentive ) payable for the current month ( Rs. ) : [ AFC x (NDM / NDY ) x ( TAFM / NATAF ) ]	<b>11609628</b>
5	Transmission System Availability Factor (TAFM) considered in REA for the previous month ( % ) :	<b>100.000</b>
6	As verified by ERLDC and certified by Member Secretary (ERPC), Transmission System Availability Factor (TAFM) for the previous month ( % ) :	<b>100.000</b>
7	Transmission Charges considered for the previous month (Rs.) :	<b>12853517</b>
8	Transmission Charges to be paid as per certified TAFM for the previous month (Rs.) :	<b>12853517</b>
9	Adjustment to be made in Transmission Charges for the previous month (Rs.) : ( 8 - 7 )	<b>0</b>

S.E.(Commercial)

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

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

## F2. PAYMENT OF TRANSMISSION CHARGES OF ISTS

BENEFICIARIES	TOTAL WT. AVERAGE ALLOCATION FOR THE MONTH (MW)	% SHARE ALLOCATION FOR THE MONTH (WEIGHTED AVERAGE) (%)	TRANSMISSION CHARGE PAYABLE BY BENEFICIARIES	
			(Rs.)	(Rs.)
			SYSTEM	SYSTEM
ER:			REGIONAL	INTER-REGIONAL
BIHAR	1582	21.995313	119620756	3894346
JHARKHAND	512	7.115046	38694934	1259743
DVC	168	2.331413	12679310	412785
ORISSA	1059	14.731570	80117139	2608275
WEST BENGAL	1247	17.344803	94329117	3070957
SIKKIM	148	2.053180	11166149	363523
SUB-TOTAL	4716	65.571325	356607404	11609628
SR:				
ANDHRA PRADESH	85	1.182733	6432253	
KARNATAKA	0	0.000000	0	
TAMILNADU	50	0.696013	3785243	
KERALA	0	0.000000	0	
PUDUCHERRY	11	0.159503	867452	
SUB-TOTAL	146	2.038249	11084947	0
WR:				
CHHATTISGARH	22	0.303400	1650031	
GUJARAT	94	1.307040	7108292	
MADHYA PRADESH	249	3.466438	18852104	
MAHARASTRA	99	1.372393	7463712	
DADRA & NAGAR HAVELI	2	0.027809	151238	
DAMAN & DIU	1	0.018076	98306	
GOA	0	0.000000	0	
SUB-TOTAL	467	6.495156	35323683	0
NR:				
UTTAR PRADESH	400	5.560901	30242770	
HARYANA	123	1.713141	9316859	
RAJASTHAN	149	2.064929	11230046	
J & K	197	2.733548	14866307	
HIMACHAL PRADESH	15	0.212742	1156990	
DELHI	490	6.813630	37055693	
PUNJAB	235	3.273497	17802801	
UTTARAKHAND	19	0.260018	1414099	
CHANDIGARH	2	0.027809	151238	
SUB-TOTAL	1630	22.660215	123236803	0
NER:				
ASSAM	195	2.705055	14711349	
MEGHALAYA	16	0.222475	1209923	
NAGALAND	21	0.290005	1577182	
SUB-TOTAL	232	3.217535	17498454	0
POWERGRID	1.26	0.017520	95282	0
GRAND TOTAL	7191.82	100.000000	543846573	11609628

Note 1 : CTU (PG) is to raise bills to the beneficiaries applying the above Percentage Share Allocation

Note 2 : POWERGRID Shall Adjust Monthly Transmission Charges Recovered From "ST" Customers & Submit Details to ERPC SECTT.

Note 3 : 1.82 MW of Hirakud power at GRIDCO periphery for CSEB has been given effect from 4th September '06 as per MOP/GOI letter vide no. 42/4/2005-R&R Dated 17-08-2006.

Note 4 : 10% home state share from TSTPS Stage-II allocated to Orissa w.e.f. 22.04.2007 has been given effect.

Note 5 : DTL (DVC) : 230+ MW AS LTOA AMONG OTHERS

Note 6 : MPPTCL (DVC) : 200 MW AS LTOA AMONG OTHERS

S.E.(Commercial))

## EASTERN REGIONAL POWER COMMITTEE :: KOLKATA

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

## F3. ADJUSTMENT PAYMENT OF TRANSMISSION CHARGES OF ISTS FOR THE PREVIOUS MONTH

BENEFICIARIES	TOTAL WT. AVERAGE ALLOCATION FOR THE PREV. MONTH (MW)	% SHARE ALLOCATION FOR THE PREV. MONTH (WEIGHTED AVERAGE) (%)	ADJUSTMENT OF TRANSMISSION CHARGES PAYABLE BY BENEFICIARIES FOR THE PREVIOUS MONTH	
			(Rs.)	(Rs.)
			SYSTEM REGIONAL	SYSTEM INTER-REGIONAL
<b>ER:</b>				
BIHAR	1582	21.995313	-2655	0
JHARKHAND	454	6.305869	-761	0
DVC	168	2.331413	-281	0
ORISSA	1059	14.731570	-1778	0
WEST BENGAL	1247	17.344803	-2094	0
SIKKIM	148	2.053180	-248	0
<b>SUB-TOTAL</b>	<b>4658</b>	<b>64.762148</b>	<b>-7817</b>	<b>0</b>
<b>SR:</b>				
ANDHRA PRADESH	104	1.452157	-175	
KARNATAKA	0	0.000000	0	
TAMILNADU	69	0.965437	-117	
KERALA	0	0.000000	0	
PONDICHERRY	11	0.159503	-19	
<b>SUB-TOTAL</b>	<b>184</b>	<b>2.577097</b>	<b>-311</b>	<b>0</b>
<b>WR:</b>				
CHHATTISGARH	22	0.303400	-37	
GUJARAT	94	1.307040	-158	
MADHYA PRADESH	249	3.466438	-418	
MAHARASTRA	99	1.372393	-166	
DADRA & NAGAR HAVELI	2	0.027809	-3	
DAMAN & DIU	1	0.018076	-2	
GOA	0	0.000000	0	
<b>SUB-TOTAL</b>	<b>467</b>	<b>6.495156</b>	<b>-784</b>	<b>0</b>
<b>NR:</b>				
UTTAR PRADESH	400	5.560901	-671	
HARYANA	123	1.713141	-207	
RAJASTHAN	149	2.064929	-249	
J & K	197	2.733548	-330	
HIMACHAL PRADESH	15	0.212742	-26	
DELHI	490	6.813630	-822	
PUNJAB	235	3.273497	-395	
UTTARAKHAND	19	0.260018	-31	
CHANDIGARH	15	0.208420	-25	
<b>SUB-TOTAL</b>	<b>1643</b>	<b>22.840826</b>	<b>-2757</b>	<b>0</b>
<b>NER:</b>				
ASSAM	201	2.794773	-337	
MEGHALAYA	16	0.222475	-27	
NAGALAND	21	0.290005	-35	
<b>SUB-TOTAL</b>	<b>238</b>	<b>3.307253</b>	<b>-399</b>	<b>0</b>
<b>POWERGRID</b>	<b>1.26</b>	<b>0.017520</b>	<b>-2</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>7191.82</b>	<b>100.000000</b>	<b>-12071</b>	<b>0</b>

Note 1 : CTU (PG) is to raise bills to the beneficiaries applying the above Percentage Share Allocation

Note 2 : POWERGRID Shall Adjust Monthly Transmission Charges Recovered From "ST" Customers & Submit Details to ERPC SECTT.

Note 3 : 1.82 MW of Hirakud power at GRIDCO periphery for CSEB has been given effect from 4th September'06 as per MOP/GOI letter vide no. 42/4/2005-R&R Dated 17-08-2006.

Note 4 : 10% home state share from TSTPS Stage-II allocated to Orissa w.e.f. 22.04.2007 has been given effect.

Note 5 : DTL (ISGS) : 200 MW & DTL (DVC) : 230 MW

Note 6 : MPSEB (ISGS) : 31.15 MW & MPSEB (DVC) : 100 MW