

भारत सरकार
उत्तर क्षेत्रीय विद्युत समिति
18-ए, शहीद जीत सिंह मार्ग, कटवारिया सराय, नई दिल्ली - 110016
Government of India
Northern Regional Power Committee
18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi-110016

सं. उक्षेविस/अधी.अभि.(वा.)/ए.बी.टी.-आर.ई.ए./2010/IS02 - 22
N0: NRPC/SE(C)/ABT-REA/2010/

दिनांक : 9 अगस्त, 2010
Dated : 9th August, 2010

सेवामें,
To,

संलग्न सूची के अनुसार
As per list enclosed

विषय : दिसम्बर, 2002 का अंतिम क्षेत्रीय ऊर्जा लेखा ।
Subject -Final REA for the month of December, 2002.

महोदय/Sir,

Please refer to letter No. वाणिज्य/ क्षेत्र- (प्रोवि) / उक्षेविबो /2003 /258-80 दिनांक 10/13 जनवरी 2003 forwarding therewith the provisional REA for the month of December 2002.

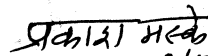
In Northern Region ABT was implemented w.e.f. 1.12.2002. However, ABT was implemented in ER w.e.f 1.4.2003. Therefore, inter regional exchange between Eastern and Northern Region which included allocation of power from ER NTPC stations and bilateral exchange from West Bengal and DVC to Northern Region could not be settled for four months from December 2002 to March 2003.

The meeting was held between NRPC and ERPC Secretariats on 10.5.2010 at Kolkata to reconcile the energy exchange figures between ER and NR. Based on the decisions taken in this meeting the energy exchange figures between ER and NR for the month December 2002 has been reconciled.

The REA for the month of December 2002 has been finalized taking in to consideration the above and the same is enclosed for further necessary action. The constituents are requested to intimate the discrepancy / error, if any, within 15 days from the date of issue of this REA. In case no such communication is received from any constituent within 15 days, the REA will be treated as correct and closed.

अनुलग्नक - यथोपरि ।
Encl. : As above.

भवदीय
Yours faithfully,


(पी.एस. मस्के) 9/8/2010
(P.S. Mhaske)

अधीक्षण अभियंता (वाणिज्य)
Superintending Engineer (Commercial)

उत्तर क्षेत्रीय विद्युत समिति
माह दिसम्बर 2002 का क्षेत्रीय ऊर्जा लेखा

A. Details of Availability / Capacity Index for CS Stations

Period	Monthly Availability / Capacity Index (%)	Cumulative Availability / Capacity Index (%)
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SINGRAULI STPS

Apr. '02	88.749	88.749
May. '02	77.353	82.957
Jun. '02	93.810	86.535
Jul. '02	97.276	89.265
Aug. '02	95.696	90.568
Sep. '02	94.370	91.191
Oct. '02	94.985	91.741
Nov. '02	94.573	92.089
Dec. '02	98.620	92.825

RIHAND STPS

Apr. '02	100.000	100.00
May. '02	99.784	99.890
Jun. '02	94.364	98.068
Jul. '02	99.990	98.556
Aug. '02	98.801	98.606
Sep. '02	58.029	91.954
Oct. '02	60.099	87.340
Nov. '02	95.128	88.297
Dec. '02	97.129	89.293

DADRI TPS

Apr. '02	75.415	75.415
May. '02	97.579	86.678
Jun. '02	98.638	90.621
Jul. '02	99.940	92.989
Aug. '02	99.874	94.384
Sep. '02	89.089	93.516
Oct. '02	78.455	91.334
Nov. '02	86.687	90.763
Dec. '02	96.596	91.420

UNCHAHAHAR-I TPS

Apr. '02	97.853	97.853
May. '02	99.704	98.794
Jun. '02	99.821	99.133
Jul. '02	94.524	97.962
Aug. '02	99.749	98.324
Sep. '02	99.740	98.556
Oct. '02	33.894	89.189
Nov. '02	70.791	86.927
Dec. '02	97.128	88.077

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A. Details of Availability / Capacity Index for CS Stations

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UNCHAHAR-II TPS

Apr. '02	69.594	69.594
May. '02	99.824	84.956
Jun. '02	93.003	87.609
Jul. '02	96.165	89.783
Aug. '02	51.191	81.964
Sep. '02	96.026	84.269
Oct. '02	99.809	86.520
Nov. '02	94.967	87.559
Dec. '02	88.853	87.704

ANTA GPP

Apr. '02	68.478	68.478
May. '02	77.347	72.986
Jun. '02	75.760	73.900
Jul. '02	85.405	76.823
Aug. '02	69.184	75.276
Sep. '02	72.630	74.842
Oct. '02	85.831	76.434
Nov. '02	79.798	76.847
Dec. '02	68.088	75.860

AURAIYA GPP

Apr. '02	72.152	72.152
May. '02	93.797	83.152
Jun. '02	93.833	86.673
Jul. '02	91.384	87.870
Aug. '02	93.666	89.044
Sep. '02	82.428	87.960
Oct. '02	92.102	88.560
Nov. '02	73.281	86.681
Dec. '02	77.135	85.605

DADRI GPP

Apr. '02	70.007	70.007
May. '02	89.575	79.951
Jun. '02	61.745	73.949
Jul. '02	76.859	74.689
Aug. '02	60.537	71.821
Sep. '02	62.325	70.264
Oct. '02	98.746	74.390
Nov. '02	94.272	76.835
Dec. '02	92.643	78.617

उत्तर क्षेत्रीय विद्युत समिति
माह दिसम्बर 2002 का क्षेत्रीय ऊर्जा लेखा

A. Details of Availability / Capacity Index for CS Stations

Period	Monthly Availability / Capacity Index (%)	Cumulative Availability / Capacity Index (%)
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BAIRASIUL HEP

Apr. '02	99.815	99.815
May. '02	99.803	99.812
Jun. '02	95.333	98.351
Jul. '02	97.712	98.190
Aug. '02	99.713	98.497
Sep. '02	98.592	98.512
Oct. '02	88.430	97.059
Nov. '02	90.439	96.248
Dec. '02	100.000	96.669

SALAL HEP

Apr. '02	99.457	99.457
May. '02	99.684	99.573
Jun. '02	100.000	99.713
Jul. '02	99.990	99.784
Aug. '02	99.958	99.819
Sep. '02	99.271	99.729
Oct. '02	99.593	99.709
Nov. '02	99.035	99.627
Dec. '02	99.395	99.600

TANAKPUR HEP

Apr. '02	99.892	99.892
May. '02	96.673	98.257
Jun. '02	100.000	98.831
Jul. '02	100.000	99.128
Aug. '02	100.000	99.305
Sep. '02	100.000	99.419
Oct. '02	100.000	99.503
Nov. '02	99.849	99.546
Dec. '02	100.000	99.597

CHAMERA HEP

Apr. '02	100.000	100.00
May. '02	100.000	100.00
Jun. '02	100.000	100.00
Jul. '02	98.925	99.727
Aug. '02	100.000	99.782
Sep. '02	100.000	99.818
Oct. '02	100.000	99.844
Nov. '02	85.000	98.019
Dec. '02	100.000	98.242

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A. Details of Availability / Capacity Index for CS Stations

Period	Monthly Availability / Capacity Index (%)	Cumulative Availability / Capacity Index (%)
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URI HEP

Apr. '02	100.000	100.00
May. '02	100.000	100.00
Jun. '02	100.000	100.00
Jul. '02	99.309	99.825
Aug. '02	97.629	99.380
Sep. '02	96.810	98.958
Oct. '02	100.000	99.109
Nov. '02	96.595	98.800
Dec. '02	100.000	98.935

उत्तर क्षेत्रीय विद्युत समिति
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C. Details of PLF of CS Stations based on Actual Generation (upto 30.11.2002) and Scheduled Generation (w.e.f. 01.12.2002)

Period	Scheduled generation based	
	Month PLF (%)	Cum. PLF (%)

SINGRAULI STPS

Apr. '02	86.165	86.165
May. '02	72.764	79.355
Jun. '02	91.206	83.262
Jul. '02	97.196	86.802
Aug. '02	95.009	88.465
Sep. '02	92.501	89.127
Oct. '02	94.603	89.920
Nov. '02	94.285	90.457
Dec. '02	97.451	91.245

RIHAND STPS

Apr. '02	90.788	90.788
May. '02	87.751	89.245
Jun. '02	88.670	89.055
Jul. '02	99.746	91.772
Aug. '02	98.008	93.035
Sep. '02	53.603	86.571
Oct. '02	59.310	82.622
Nov. '02	93.392	83.946
Dec. '02	95.895	85.293

DADRI TPS

Apr. '02	65.021	65.021
May. '02	78.238	71.738
Jun. '02	84.835	76.056
Jul. '02	99.130	81.919
Aug. '02	95.897	84.751
Sep. '02	72.266	82.704
Oct. '02	76.503	81.806
Nov. '02	78.167	81.359
Dec. '02	81.743	81.402

UNCHAHAR-I TPS

Apr. '02	80.383	80.383
May. '02	58.721	69.374
Jun. '02	75.085	71.257
Jul. '02	93.338	76.868
Aug. '02	96.832	80.913
Sep. '02	86.237	81.786
Oct. '02	33.510	74.792
Nov. '02	68.956	74.075
Dec. '02	92.793	76.185

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C. Details of PLF of CS Stations based on Actual Generation (upto 30.11.2002) and Scheduled Generation (w.e.f. 01.12.2002)

Period	Scheduled generation based	
	Month PLF (%)	Cum. PLF (%)
UNCHAHAR-II TPS		
Apr. '02	52.569	52.569
May. '02	72.256	62.574
Jun. '02	73.060	66.031
Jul. '02	92.357	72.720
Aug. '02	48.726	67.859
Sep. '02	69.153	68.071
Oct. '02	97.669	72.358
Nov. '02	81.642	73.500
Dec. '02	80.700	74.311
ANTA GPP		
Apr. '02	54.458	54.458
May. '02	66.319	60.486
Jun. '02	71.665	64.171
Jul. '02	84.881	69.434
Aug. '02	68.643	69.273
Sep. '02	69.214	69.264
Oct. '02	84.190	71.426
Nov. '02	76.770	72.083
Dec. '02	65.649	71.358
AURAIYA GPP		
Apr. '02	49.434	49.434
May. '02	69.189	59.473
Jun. '02	76.589	65.116
Jul. '02	90.131	71.472
Aug. '02	88.471	74.916
Sep. '02	70.618	74.212
Oct. '02	90.183	76.525
Nov. '02	69.566	75.670
Dec. '02	72.128	75.270
DADRI GPP		
Apr. '02	51.861	51.861
May. '02	66.330	59.214
Jun. '02	56.509	58.322
Jul. '02	74.771	62.502
Aug. '02	58.558	61.703
Sep. '02	55.456	60.679
Oct. '02	95.159	65.674
Nov. '02	87.468	68.353
Dec. '02	83.881	70.104

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D. CUM. WT. AVG. ENTTs. of SEBs (UPTO THE MONTH) in CS STNS. BASED ON NRLDC DATA

Period CHD DLI HYN H.P. J&K PNJB RAJ U.P. RLY UCHL

SINGRAULI STPS

Dec. '02 0.271 9.553 13.245 2.036 3.279 10.025 19.135 37.658 0.000 4.798

RIHAND STPS

Dec. '02 1.295 12.062 9.752 5.515 10.245 10.990 13.660 32.528 0.000 3.953

DADRI TPS

Dec. '02 0.000 90.000 0.000 0.000 0.000 0.000 0.000 10.000 0.000 0.000

UNCHAHAHAR-I TPS

Dec. '02 0.520 6.310 3.642 2.295 4.407 8.420 6.021 59.833 0.000 8.552

UNCHAHAHAR-II TPS

Dec. '02 0.864 13.348 8.702 4.792 10.398 14.211 13.245 30.758 0.000 3.682

ANTA GPP

Dec. '02 1.448 12.589 8.978 5.628 10.179 11.685 23.948 21.757 0.000 3.788

AURAIYA GPP

Dec. '02 0.975 12.925 9.112 5.365 9.880 12.506 13.324 32.075 0.000 3.838

DADRI GPP

Dec. '02 0.663 11.443 5.697 3.480 7.510 15.917 10.247 29.608 12.037 3.398

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D. CUM. WT. AVG. ENTTs. of SEBs (UPTO THE MONTH) in CS STNS. BASED ON NRLDC DATA

Period	CHD	DLI	HYN	H.P.	J&K	PNJB	RAJ	U.P.	RLY	UHL
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BAIRASIUL HEP

Dec.'02	0.000	11.773	30.273	11.773	0.000	46.181	0.000	0.000	0.000	0.000
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SALAL HEP

Dec.'02	0.967	11.503	14.882	0.962	34.204	26.082	3.176	7.120	0.000	1.104
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TANAKPUR HEP

Dec.'02	4.756	13.060	7.164	4.416	5.939	15.106	11.118	22.043	0.000	16.398
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CHAMERA HEP

Dec.'02	4.110	7.778	15.744	14.779	3.889	10.146	19.666	20.334	0.000	3.554
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URI HEP

Dec.'02	1.224	11.309	5.062	2.900	33.886	13.118	9.296	20.155	0.000	3.050
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F. ENERGY SCHEDULED TO THE SEBs FROM CS STATIONS IN 12/2002 (IN LU)

Name of CS Stn/SEB	Scheduled Energy
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SINGRAULI STPS

CHANDIGARH	36.37862
DELHI	1231.23823
HARYANA	1774.09502
H.P.	272.71816
J & K	439.27405
PUNJAB	1342.78815
RAJASTHAN	2520.68537
U.P.	5044.44014
UTTARAKHAND	642.78068

TOTAL	13304.39842
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RIHAND STPS

CHANDIGARH	84.88021
DELHI	743.39704
HARYANA	639.11283
H.P.	361.50138
J & K	671.48734
PUNJAB	720.06911
RAJASTHAN	878.29483
U.P.	2131.81176
UTTARAKHAND	259.04749

TOTAL	6489.60199
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RIHAND HVDC TRML CONSUMPTION	3.71104
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DADRI TPS

DELHI	4160.82006
RAJASTHAN	10.62500
U.P.	439.58002

TOTAL	4611.02508
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DADRI HVDC TRML CONSUMPTION	1.55097
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UNCHAHAAR-I TPS

CHANDIGARH	5.87041
DELHI	166.34105
HARYANA	106.49406
H.P.	62.48742
J & K	120.98578
PUNJAB	227.57314
RAJASTHAN	135.83440
U.P.	1581.63620
UTTARAKHAND	216.92385

TOTAL	2624.14631
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उत्तर क्षेत्रीय विद्युत समिति
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F. ENERGY SCHEDULED TO THE SEBs FROM CS STATIONS IN 12/2002 (IN LU)

Name of CS Stn/SEB	Scheduled Energy
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UNCHAHAR-II TPS

CHANDIGARH	9.63416
DELHI	218.32610
HARYANA	229.48920
H.P.	116.40915
J & K	261.33388
PUNJAB	357.15144
RAJASTHAN	268.79158
U.P.	741.75083
UTTARAKHAND	79.27229
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TOTAL	2282.15863

ANTA GPP-GF

CHANDIGARH	26.89681
DELHI	227.04615
HARYANA	185.98130
H.P.	115.74094
J & K	209.35199
PUNJAB	240.31875
RAJASTHAN	456.28258
U.P.	447.17214
UTTARAKHAND	77.88775
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TOTAL	1986.67841

AURAIYA GPP-GF

CHANDIGARH	21.56774
DELHI	318.62578
HARYANA	261.40468
H.P.	152.27459
J & K	280.79704
PUNJAB	355.68075
RAJASTHAN	316.77572
U.P.	912.09078
UTTARAKHAND	109.42712
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TOTAL	2728.64420

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F. ENERGY SCHEDULED TO THE SEBs FROM CS STATIONS IN 12/2002 (IN LU)

Name of CS Stn/SEB	Scheduled Energy
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AURAIYA GPP-LF

CHANDIGARH	3.18285
DELHI	55.81594
HARYANA	69.99747
H.P.	42.06453
J & K	79.68274
PUNJAB	100.42019
RAJASTHAN	86.06392
U.P.	256.52552
UTTARAKHAND	30.59459

TOTAL

	724.34775
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DADRI GPP-GF

CHANDIGARH	12.90165
DELHI	389.67250
HARYANA	233.19302
H.P.	142.78780
J & K	307.15468
PUNJAB	649.61339
RAJASTHAN	362.92989
U.P.	1210.00432
RAILWAYS	472.05174
UTTARAKHAND	138.58190

TOTAL

	3918.89089
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DADRI GPP-LF

CHANDIGARH	3.58742
DELHI	77.27305
HARYANA	73.58927
H.P.	46.58855
J & K	103.35522
PUNJAB	219.06476
RAJASTHAN	115.24181
U.P.	402.84990
RAILWAYS	22.37036
UTTARAKHAND	40.77851

TOTAL

	1104.69885
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DADRI HVDC TRML CONSUMPTION

	1.83639
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OPEN CYCLE OPERATION OF GTs (BASED ON DATA SUPPLIED BY NRLDC)

STATION & UNIT NO.	DATE/TIME FROM	DATE/TIME UPTO
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AURAIYA GT NO.4	05.12.02/1519 HRS.	05.12.02/1606 HRS.
AURAIYA GT NO.4	05.12.02/1752 HRS.	18.12.02/1630 HRS.
AURAIYA GT NO.4	19.12.02/0120 HRS.	19.12.02/0207 HRS.
AURAIYA GT NO.4	19.12.02/0407 HRS.	19.12.02/0832 HRS.

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F. ENERGY SCHEDULED TO THE SEBs FROM CS STATIONS IN 12/2002 (IN LU)

Name of CS Stn/SEB	Scheduled Energy

BAIRASIUL HEP	

DELHI	14.78995
HARYANA	40.39948
H.P.	15.47590
PUNJAB	62.74363

TOTAL	133.40896

SALAL HEP	

CHANDIGARH	7.43526
DELHI	88.41883
HARYANA	114.38519
H.P.	7.39526
J & K	262.88919 (Includes 92.23366 LU free energy)
PUNJAB	200.47371
RAJASTHAN	24.41093
U.P.	54.71768
UTTARAKHAND	8.48776

TOTAL	768.61381

TANAKPUR HEP	

CHANDIGARH	7.64805
DELHI	20.82106
HARYANA	11.44764
H.P.	7.08213
J & K	9.40074
PUNJAB	24.07028
RAJASTHAN	17.75408
U.P.	35.13688
NEPAL	65.71301
UTTARAKHAND	29.08737 (Includes 19.49379 LU free energy)

TOTAL	228.16124

CHAMERA HEP	

CHANDIGARH	25.31583
DELHI	50.13513
HARYANA	101.15799
H.P.	95.55535 (Includes 77.30314 LU free energy)
J & K	25.06611
PUNJAB	65.25949
RAJASTHAN	127.84708
U.P.	129.79875
UTTARAKHAND	24.05712

TOTAL	644.19285

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F. ENERGY SCHEDULED TO THE SEBs FROM CS STATIONS IN 12/2002 (IN LU)

Name of CS Stn/SEB	Scheduled Energy

URI HEP	

CHANDIGARH	7.40032
DELHI	68.27703
HARYANA	30.55587
H.P.	17.50033
J & K	204.55200 (Includes 72.43703 LU free energy)
PUNJAB	79.17256
RAJASTHAN	56.11698
U.P.	121.66098
UTTARAKHAND	18.40581

TOTAL	603.64188

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G. ENERGY ACTUALLY BOOKED TO THE SEBs FROM OTHER STATIONS IN 12/2002 (IN LU)

Name of Stn/SEB	Energy Booked
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N.A.P.P.

CHANDIGARH	46.54802
DELHI	399.00026
HARYANA	298.41040
H.P.	162.64509
J & K	336.11564
PUNJAB	362.00480
RAJASTHAN	440.49151
U.P.	985.43567
UTTARAKHAND	116.18939

TOTAL	3146.84078
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R.A.P.P.-B- Unit 3

DELHI	35.44400
J & K	41.68375
PUNJAB	126.66105
RAJASTHAN	1154.86161

TOTAL	1358.65041
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R.A.P.P.-B- Unit 4

DELHI	306.74254
J & K	920.22746
RAJASTHAN	306.74254

TOTAL	1533.71254
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G. ENERGY ACTUALLY BOOKED TO THE SEBs FROM OTHER STATIONS IN 12/2002 (IN LU)

Name of Stn/SEB	Energy Booked
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BHAKRA HEP

CHANDIGARH	502.03428
HARYANA	1817.56820
H.P.	152.26357
PUNJAB	2507.78585
RAJASTHAN	981.06858
N.F.L.	15.78598
IRR. WING	10.29820

TOTAL	5986.80466
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DEHAR HEP

HARYANA	276.42235
H.P.	66.96006
PUNJAB	414.63369
RAJASTHAN	172.76391
IRR. WING	13.03073

TOTAL	943.81074
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PONG HEP

HARYANA	128.22755
PUNJAB	192.34128
RAJASTHAN	451.88608
IRR. WING	7.30966

TOTAL	779.76457
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H. DETAILS OF ENERGY SCHEDULED TO THE SEBs FROM CS STATIONS BEYOND 77%
'TARGET PLF FOR INCENTIVE' UPTO THE MONTH OF 12/2002[Starting from 01.12.02]
(IN LU)

Name of the CS Stn / SEB	Incentive Energy upto last month	Incentive Energy upto this month	Incentive Energy for the month
	(a)	(b)	(C) = (b) - (a)
SINGRAULI			
CHANDIGARH	0.00000	7.63439	7.63439
DELHI	0.00000	258.38667	258.38667
HARYANA	0.00000	372.31016	372.31016
H.P.	0.00000	57.23242	57.23242
J & K	0.00000	92.18570	92.18570
PUNJAB	0.00000	281.79645	281.79645
RAJASTHAN	0.00000	528.98902	528.98902
U.P.	0.00000	1058.62218	1058.62218
UTTARANCHAL	0.00000	134.89344	134.89344
TOTAL SINGRAULI	0.00000	2792.05043	2792.05043
RIHAND			
CHANDIGARH	0.00000	16.72446	16.72446
DELHI	0.00000	146.47601	146.47601
HARYANA	0.00000	125.92826	125.92826
H.P.	0.00000	71.22880	71.22880
J & K	0.00000	132.30721	132.30721
PUNJAB	0.00000	141.87957	141.87957
RAJASTHAN	0.00000	173.05574	173.05574
U.P.	0.00000	420.04376	420.04376
UTTARANCHAL	0.00000	51.04169	51.04169
TOTAL RIHAND	0.00000	1278.68550	1278.68550
DADRI-TH			
DELHI	0.00000	241.41882	241.41882
RAJASTHAN	0.00000	0.61648	0.61648
U.P.	0.00000	25.50528	25.50528
TOTAL DADRI-TH	0.00000	267.54058	267.54058

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I. DETAILS OF SCHEDULED BILATERAL EXCHANGES WITHIN THE REGION

From SEB	To SEB	Energy (LU)	
DELHI	HARYANA	163.96519	(IP share)
PUNJAB	H.P.	311.93696*	
PUNJAB	J & K	735.12500	
PUNJAB	UTTARAKHAND	95.00000	
U.P.	H.P.	35.56865	(Khara Share)
UTTARAKHAND	DELHI	22.00000	
UTTARAKHAND	H.P.	174.04875	(Share in hydro projects)

* - Includes 31.91675 LU share in Ranjit Sagar HEP.

Generation at shared projects during the month

Name of station	Generation (LU)
Chhibro HEP	317.18368
Khodri HEP	155.18504
Dhakrani HEP	69.12190
Dhalipur HEP	94.66669
Kulhal HEP	74.99293
Khara HEP	177.84420
Ranjit Sagar HEP	693.84240
I.P. TPS (2,3,4)	491.89566

ENERGY SUPPLIED FROM MALANA HEP THROUGH PTC IN THE MONTH

HARYANA	55.27858
H.P.	12.46478
TOTAL	67.74336

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J. DETAILS OF SCHEDULED BILATERAL EXCHANGES WITH SEBs IN OTHER REGION

From SEB	To SEB	Energy (LU)
M.P.	DELHI	-640.37500
M.P.	UTTARAKHAND	-158.40000
WBPD L	DELHI	422.91711
WBPD L	HARYANA	260.45761
DVC	HARYANA	82.86552
DVC	RAJASTHAN	149.46347
MSEB	DELHI	-102.92500
MSEB	UTTARAKHAND	-40.50000

DETAILS OF ENERGY SCHEDULED / SUPPLIED FROM ER NTPC STATIONS (LUs)

From Station	To SEB	Ex-NR Energy	Ex-PP Energy
FARAKKA	CHANDIGARH	57.25552	59.63230
FARAKKA	H.P.	53.02748	55.22850
FARAKKA	J & K	53.15703	55.36340
FARAKKA	RAJASTHAN	48.52412	50.53864
FARAKKA	U.P.	153.15085	159.50907
TOTAL FARAKKA		365.11500	380.27191
KAHALGAON	CHANDIGARH	41.14899	42.85770
KAHALGAON	H.P.	36.86856	38.39887
KAHALGAON	J & K	36.86856	38.39887
KAHALGAON	RAJASTHAN	31.70235	33.01823
KAHALGAON	U.P.	104.01104	108.32890
TOTAL KAHALGAON		250.59950	261.00257
TALCHER	CHANDIGARH	61.95611	64.52829
TALCHER	H.P.	60.02724	62.51942
TALCHER	J & K	56.19026	58.52310
TALCHER	RAJASTHAN	52.54879	54.73035
TALCHER	U.P.	172.74310	179.91329
TOTAL TALCHER		403.46550	420.21445

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DETAILS OF BILLING FOR TRANSMISSION CHARGES OF POWERGRID AND SEB'S LINES DURING THE MONTH OF DECEMBER - 2002

i). TRANSMISSION CHARGES FOR THE YEAR 2002-2003	ANNUAL	FOR 1 MONTH
FIXED CHARGES FOR CENTRAL SECTOR TRANS. LINES (Rs.Crore)	453.2327000	37.7693917
FIXED CHARGES FOR UPPCL LINES FOR EVACUATING NAPP GENERATION (Rs. Crore)	3.0824980	0.2568748
FIXED CHARGES FOR UPPCL LINES FOR EVACUATING UNCHAHAR GENERATION (Rs. Crore)	4.9315596	0.4109633
FIXED CHARGES FOR ANTA-KOTA LINE OF RRVPNL (Rs. Crore)	0.9515620	0.0792968
FIXED CHARGES FOR PAMPPORE-KISHANPUR LINE OF J&K (Rs. Crore)	3.3205998	0.2767167
FIXED CHARGES OF RAPP_B-KOTA/RAPP_A LINE OF Rajasthan (Rs. Crore)	0.9829600	0.0819133
TOTAL	466.5018794	38.8751566

ii). TRANSMISSION CHARGES BASED ON WEIGHTED AVERAGE ENTITLEMENT IN NTPC, NHPC & NPCIL GENERATING STATIONS.

STATES/U.T.	WEIGHTED AVERAGE ENT. IN NTPC (%)	WEIGHTED AVERAGE ENTT. IN NHPC (%)	WEIGHTED AVERAGE ENTT. IN NPC (%)	TOTAL AVERAGE ENTITLEMENT (%)	BILLING OF TRANS. CHARGES TO SEBs INCLD. F.C. FOR SEB's LINES. (Rs. Crore)	CREDIT TO SEB'S (Rs. Crore)	NET BILLING OF TRANSMISSION charges to the SEBS. (Rs. Crore)
1. CHANDIGARH	0.64	1.37	0.70	0.80	0.3110013	0.0000000	0.3110013
2. DELHI	20.95	10.48	12.00	17.92	6.9664281	0.0000000	6.9664281
3. HARYANA	8.51	13.91	4.75	9.29	3.6115020	0.0000000	3.6115020
4. H.P.	3.26	6.30	2.58	3.83	1.4889185	0.0000000	1.4889185
5. J & K	6.07	21.60	21.00	10.72	4.1674168	0.2767167	3.8907001
6. PUNJAB	10.16	20.44	8.21	12.14	4.7194440	0.0000000	4.7194440
7. RAJASTHAN	13.27	9.07	33.26	14.25	5.5397098	0.1612101	5.3784997
8. U.P.	31.73	13.86	15.65	26.48	10.2941415	0.6678381	9.6263034
9. UTTARANCHAL	3.89	2.98	1.85	3.51	1.3645180	0.0000000	1.3645180
10. RAILWAYS	1.52	0.00	0.00	1.06	0.4120766	0.0000000	0.4120766
TOTAL	100.00	100.00	100.00	100.00	38.8751566	1.1057649	37.7693917

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WHEELING CHARGES DURING THE MONTH

1. WHEELING CHARGES @ 2.40 P/kWh ARE PAYABLE FOR **147.90608** LU ENERGY RECEIVED FROM B. SIUL AT PONG AND WHEELED THROUGH BBMB SYSTEM. BBMB WOULD RAISE THE BILLS FOR ITS WHEELING CHARGES ON VARIOUS BENEFICIARIES AND RECOVER THE AMOUNT DIRECTLY.
2. HVPNL WILL PAY WHEELING CHARGES TO UPCL @ 1.0 P/kWh FOR **90.56455** LU IN RESPECT OF ENERGY IMPORTED BY IT OVER KULHAL-GIRI-ABDULLAPUR LINE.
3. HVPNL WILL PAY WHEELING CHARGES TO HPSEB @ 1.0 P/kWh FOR **90.56455** LU OF CENTRAL SECTOR POWER WHEELD TO HARYANA THROUGH H.P. SYSTEM.
4. J&K WILL PAY WHEELING CHARGES FOR **1288.35399** LU ENERGY DRAWN FROM CENTRAL SECTOR STATIONS PAYABLE TO PSEB @ 1.2 P/kWh AND TO BBMB @ 1.5 P/kWh (DURING WINTER MONTHS).
5. BBMB WILL RECOVER WHEELING CHARGES @ 0.3 P/kWh FOR 220 kV SAMAYPUR LINK (CHARGEABLE TO SINGRAULI ENERGY ACCOUNT) FROM VARIOUS CONSTITUENTS AS FOLLOWS :

DTL	41.59941 LU
UPPCL	0.00000 LU
BBMB PARTNERS (PUNJAB, HARYANA AND RAJASTHAN)	205.21851 LU
6. DTL WILL PAY TO UPPCL WHEELING CHARGES @ 1.0 P/kWh FOR **0.00000** LU ENERGY DRAWN FROM UPPCL AT 220 kV PATPARGANJ SUBSTATION.