

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/ 1611-30
NO: NRPC/SE(C)/ABT-REA/2010/

दिनांक : 26 अगस्त, 2010
Dated : 26th August, 2010

सेवामें,
To,

संलग्न सूची के अनुसार
As per list enclosed

विषय : जनवरी 2003, फरवरी 2003 व मार्च 2003 के अंतिम क्षेत्रीय ऊर्जा लेखा ।
Subject –Final REAs for the months of January 2003, February 2003 and March 2003.

महोदय/Sir,

Please refer to letter No. उक्षेविबो /एस.ई.-सी./ए.बी.टी.-क्षेऊले(प्रोवि)/2003/961-83 दिनांक 14 फरवरी 2003, No. उक्षेविबो /एस.ई.-सी./ए.बी.टी.-क्षेऊले(प्रोवि)/2003 दिनांक 13 मार्च 2003 व No. उक्षेविबो /एस.ई.-सी./ए.बी.टी.-क्षेऊले(प्रोवि)/2003/2008-31 दिनांक 9 अप्रैल 2003 forwarding therewith the provisional REAs for the months of January 2003, February 2003 and March 2003 respectively.

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 months of January 2003 to March 2003 has been reconciled.

The REA for the months of January 2003, February 2003 and March 2003 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,

प्रकाश मस्के
(पी.एस. मस्के) 26/8/2010
(P.S. Mhaske)

अधीक्षण अभियंता (वाणिज्य)
Superintending Engineer (Commercial)

उत्तर क्षेत्रीय विद्युत समिति
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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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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
Jan. '03	99.690	93.520

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
Jan. '03	99.805	90.358

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
Jan. '03	98.747	92.163

UNCHAHAR-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
Jan. '03	99.824	89.267

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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
Jan. '03	99.778	88.928

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
Jan. '03	96.881	77.990

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
Jan. '03	84.835	85.527

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
Jan. '03	93.846	80.160

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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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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
Jan. '03	100.000	97.006

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
Jan. '03	100.000	99.641

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
Jan. '03	100.000	99.638

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
Jan. '03	100.000	98.420

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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
Jan. '03	100.000	99.043

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C. Details of PLF of CS Stations based on Scheduled Generation

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
Jan. '03	99.356	92.067

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
Jan. '03	99.245	86.707

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
Jan. '03	92.910	82.568

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
Jan. '03	94.538	78.044

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C. Details of PLF of CS Stations based on Scheduled Generation

Period	Scheduled generation based	
	Month PLF (%)	Cum. PLF (%)
UNCHAHAAR-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
Jan. '03	92.200	76.124
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
Jan. '03	93.135	73.564
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
Jan. '03	77.406	75.487
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
Jan. '03	80.829	71.190

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

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

SINGRAULI STPS										

Dec.'02	0.271	9.553	13.245	2.036	3.279	10.025	19.135	37.659	0.000	4.798
Jan.'03	0.278	9.681	13.167	2.041	3.292	10.026	19.059	37.658	0.000	4.797
RIHAND STPS										

Dec.'02	1.295	12.062	9.752	5.515	10.245	10.990	13.660	32.527	0.000	3.953
Jan.'03	1.302	12.182	9.675	5.521	10.263	10.990	13.586	32.527	0.000	3.954
DADRI TPS										

Dec.'02	0.000	90.000	0.000	0.000	0.000	0.000	0.000	10.000	0.000	0.000
Jan.'03	0.000	90.000	0.000	0.000	0.000	0.000	0.000	10.000	0.000	0.000
UNCHAHAR-I TPS										

Dec.'02	0.520	6.310	3.642	2.295	4.407	8.420	6.021	59.833	0.000	8.552
Jan.'03	0.497	6.409	3.637	2.292	4.413	8.557	6.041	59.576	0.000	8.578
UNCHAHAR-II TPS										

Dec.'02	0.864	13.348	8.702	4.792	10.398	14.211	13.245	30.757	0.000	3.682
Jan.'03	0.874	13.472	8.612	4.805	10.422	14.208	13.156	30.768	0.000	3.683
ANTA GPP										

Dec.'02	1.448	12.589	8.978	5.628	10.179	11.685	23.948	21.757	0.000	3.788
Jan.'03	1.441	12.714	8.885	5.655	10.196	11.736	23.865	21.767	0.000	3.742
AURAIYA GPP										

Dec.'02	0.975	12.925	9.112	5.365	9.880	12.506	13.324	32.075	0.000	3.838
Jan.'03	0.973	12.807	8.717	5.148	9.548	12.504	12.835	32.072	1.557	3.840
DADRI GPP										

Dec.'02	0.663	11.443	5.697	3.480	7.510	15.917	10.247	29.609	12.037	3.398
Jan.'03	0.705	11.674	5.932	3.655	7.788	15.910	10.549	29.602	10.783	3.402

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D. CUM. WT. AVG. ENTTs. of SEBs (UPTO THE MONTH) in CS STNS. BASED ON RLDC 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	46.182	0.000	0.000	0.000	0.000
Jan. '03	0.000	11.504	30.213	11.978	0.000	46.304	0.000	0.000	0.000	0.000

SALAL HEP

Dec. '02	0.967	11.503	14.882	0.962	34.203	26.082	3.176	7.120	0.000	1.104
Jan. '03	1.053	11.381	15.049	0.983	34.137	25.999	3.169	7.059	0.000	1.171

TANAKPUR HEP

Dec. '02	4.756	13.060	7.164	4.416	5.939	15.106	11.118	22.043	0.000	16.398
Jan. '03	5.247	12.757	6.953	4.506	5.804	15.122	11.263	22.254	0.000	16.094

CHAMERA HEP

Dec. '02	4.110	7.778	15.744	14.779	3.889	10.146	19.666	20.334	0.000	3.554
Jan. '03	4.017	7.826	15.738	14.905	3.911	10.127	19.661	20.277	0.000	3.537

URI HEP

Dec. '02	1.224	11.309	5.062	2.900	33.886	13.118	9.296	20.155	0.000	3.050
Jan. '03	1.313	11.285	5.260	2.850	33.887	13.016	9.166	20.100	0.000	3.122

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F. ENERGY SCHEDULED TO THE SEBs FROM CS STATIONS IN 1/2003 (IN LU)

Name of CS Stn/SEB	Scheduled Energy
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SINGRAULI STPS

CHANDIGARH	38.80006
DELHI	1294.71858
HARYANA	1781.55402
H.P.	278.59404
J & K	449.89711
PUNJAB	1364.62498
RAJASTHAN	2583.56565
U.P.	5119.35577
UTTARAKHAND	652.66412

TOTAL	13563.77433

RIHAND STPS

CHANDIGARH	88.44373
DELHI	796.93230
HARYANA	648.58616
H.P.	373.37743
J & K	694.54144
PUNJAB	738.69362
RAJASTHAN	913.01517
U.P.	2194.60711
UTTARAKHAND	267.26370

TOTAL	6715.46066

RIHAND HVDC TRML. CONSUMPTION	3.96508

DADRI TPS

DELHI	4814.17250
U.P.	426.76750

TOTAL	5240.94000

DADRI HVDC TRML. CONSUMPTION	1.26647

UNCHAHAAR-I TPS

CHANDIGARH	12.23000
DELHI	166.75250
HARYANA	100.82250
H.P.	63.52000
J & K	124.73750
PUNJAB	243.72250
RAJASTHAN	158.19500
U.P.	1560.55250
UTTARAKHAND	242.94750

TOTAL	2673.48000

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F. ENERGY SCHEDULED TO THE SEBs FROM CS STATIONS IN 1/2003 (IN LU)

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

CHANDIGARH	23.41000
DELHI	304.45750
HARYANA	252.95750
H.P.	133.49500
J & K	294.75750
PUNJAB	400.00000
RAJASTHAN	345.14750
U.P.	749.18000
UTTARAKHAND	103.95000

TOTAL	2607.35500
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ANTA GPP-GF

CHANDIGARH	33.59435
DELHI	310.60102
HARYANA	225.77481
H.P.	146.11909
J & K	262.69135
PUNJAB	302.53576
RAJASTHAN	602.27005
U.P.	557.38865
UTTARAKHAND	95.34238

TOTAL	2536.31746
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ANTA GPP-LF

CHANDIGARH	5.55441
DELHI	32.18337
HARYANA	27.25533
H.P.	18.57901
J & K	33.85930
PUNJAB	39.42475
RAJASTHAN	56.51651
U.P.	56.37653
UTTARAKHAND	12.43032

TOTAL	282.17953
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F. ENERGY SCHEDULED TO THE SEBs FROM CS STATIONS IN 1/2003 (IN LU)

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

CHANDIGARH	27.36907
DELHI	359.30599
HARYANA	248.12758
H.P.	148.41253
J & K	277.53730
PUNJAB	374.42915
RAJASTHAN	358.65427
U.P.	961.84390
RAILWAYS	94.62461
UTTARAKHAND	115.86165

TOTAL	2966.16605
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AURAIYA GPP-LF

CHANDIGARH	8.32960
DELHI	90.72637
HARYANA	62.90560
H.P.	49.44555
J & K	94.93707
PUNJAB	126.85307
RAJASTHAN	73.41941
U.P.	175.65765
RAILWAYS	18.40784
UTTARAKHAND	38.82191

TOTAL	739.50407
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DADRI GPP-GF

CHANDIGARH	24.10623
DELHI	389.78958
HARYANA	214.38052
H.P.	133.97493
J & K	282.17677
PUNJAB	557.69029
RAJASTHAN	365.80090
U.P.	1031.07520
RAILWAYS	321.40556
UTTARAKHAND	118.78859

TOTAL	3439.18857
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F. ENERGY SCHEDULED TO THE SEBs FROM CS STATIONS IN 1/2003 (IN LU)

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

CHANDIGARH	14.43439
DELHI	174.32014
HARYANA	73.05740
H.P.	69.80029
J & K	168.32651
PUNJAB	329.04648
RAJASTHAN	68.69659
U.P.	392.11666
RAILWAYS	40.20564
UTTARAKHAND	71.61316

TOTAL	1401.61726
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DADRI HVDC TRML. CONSUMPTION	1.86490
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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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ANTA GT NO.1	06.01.03/1313 HRS.	06.01.03/1445 HRS.
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F. ENERGY SCHEDULED TO THE SEBs FROM CS STATIONS IN 1/2003 (IN LU)

Name of CS Stn/SEB	Scheduled Energy

BAIRASIUL HEP	

DELHI	9.63500
HARYANA	26.79500
H.P.	10.24750
PUNJAB	41.09000

TOTAL	87.76750

SALAL HEP	

CHANDIGARH	7.44000
DELHI	72.32250
HARYANA	98.16000
H.P.	6.48750
J & K	219.24250 (Incl. 77.25030 LU free energy)
PUNJAB	166.72500
RAJASTHAN	20.34750
U.P.	44.97750
UTTARAKHAND	8.05000

TOTAL	643.75250

TANAKPUR HEP	

CHANDIGARH	7.58215
DELHI	15.89972
HARYANA	8.61310
H.P.	5.89371
J & K	7.25576
PUNJAB	19.45003
RAJASTHAN	14.73519
U.P.	28.96663
NEPAL	69.58371
UTTARAKHAND	18.09146 (Incl. 15.17853 LU free energy)

TOTAL	196.07146

CHAMERA HEP	

CHANDIGARH	22.92500
DELHI	46.01500
HARYANA	92.08500
H.P.	88.24750 (Incl. 70.32390 LU free energy)
J & K	23.03500
PUNJAB	59.38250
RAJASTHAN	115.32250
U.P.	118.47750
UTTARAKHAND	20.54250

TOTAL	586.03250

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F. ENERGY SCHEDULED TO THE SEBs FROM CS STATIONS IN 1/2003 (IN LU)

Name of CS Stn/SEB	Scheduled Energy
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URI HEP

CHANDIGARH	7.42495
DELHI	59.02921
HARYANA	28.78339
H.P.	14.64474
J & K	177.68880(Incl. 62.92096 LU free energy)
PUNJAB	67.63398
RAJASTHAN	47.27560
U.P.	105.05846
UTTARAKHAND	16.80224

TOTAL

524.34137

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G. ENERGY ACTUALLY BOOKED TO THE SEBs FROM OTHER STATIONS IN 1/2003 (IN LU)

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

CHANDIGARH	41.06718
DELHI	354.15786
HARYANA	256.06971
H.P.	141.62429
J & K	294.09848
PUNJAB	314.28363
RAJASTHAN	380.28576
U.P.	858.69892
UTTARAKHAND	101.00369

TOTAL	2741.28952
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R.A.P.P.-B- Unit 3

DELHI	60.00701
J & K	154.69319
RAJASTHAN	1216.49592

TOTAL	1431.19612
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R.A.P.P.-B- Unit 4

DELHI	306.21158
J & K	918.63573
RAJASTHAN	306.21158

TOTAL	1531.05889
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G. ENERGY ACTUALLY BOOKED TO THE SEBs FROM OTHER STATIONS IN 1/2003 (IN LU)

Name of Stn/SEB	Energy Booked

BHAKRA HEP	

CHANDIGARH	463.63245
HARYANA	1384.13323
H.P.	124.82450
PUNJAB	1909.75503
RAJASTHAN	784.07632
N.F.L.	30.38016
IRR. WING	7.54382

TOTAL	4704.34551

DEHAR HEP	

HARYANA	232.95250
H.P.	66.96018
PUNJAB	349.42897
RAJASTHAN	145.59544
IRR. WING	12.61605

TOTAL	807.55314

PONG HEP	

HARYANA	60.18689
PUNJAB	90.27989
RAJASTHAN	212.10375
IRR. WING	3.71385

TOTAL	366.28438

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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 01/2003[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	7.63439	16.35038	8.71599
DELHI	258.38667	549.36262	290.97595
HARYANA	372.31016	773.30724	400.99708
H.P.	57.23242	119.90320	62.67078
J & K	92.18570	193.38312	101.19742
PUNJAB	281.79645	588.82700	307.03055
RAJASTHAN	528.98902	1110.10795	581.11893
U.P.	1058.62218	2210.49290	1151.87072
UTTARAKHAND	134.89344	281.74233	146.84889
TOTAL SINGRAULI	2792.05043	5843.47674	3051.42631
RIHAND			
CHANDIGARH	16.72446	36.53147	19.80701
DELHI	146.47601	324.65506	178.17905
HARYANA	125.92826	271.40818	145.47992
H.P.	71.22880	154.89033	83.66153
J & K	132.30721	287.91774	155.61053
PUNJAB	141.87957	307.46327	165.58370
RAJASTHAN	173.05574	377.55422	204.49848
U.P.	420.04376	911.87886	491.83510
UTTARAKHAND	51.04169	110.93056	59.88887
TOTAL RIHAND	1278.68550	2783.22969	1504.54419
DADRI-TH			
DELHI	241.41882	1061.29397	819.87515
RAJASTHAN	0.61648	1.25641	0.63993
U.P.	25.50528	102.44570	76.94042
TOTAL DADRI-TH	267.54058	1164.99608	897.45550
UNCHAHAHAR-I			
CHANDIGARH	0.00000	3.22056	3.22056
DELHI	0.00000	59.26645	59.26645
HARYANA	0.00000	36.88728	36.88728
H.P.	0.00000	22.42016	22.42016
J & K	0.00000	43.72089	43.72089
PUNJAB	0.00000	83.85638	83.85638
RAJASTHAN	0.00000	52.31587	52.31587
U.P.	0.00000	559.08127	559.08127
UTTARAKHAND	0.00000	81.82369	81.82369
TOTAL UNCHAHAHAR-I	0.00000	942.59255	942.59255

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I. DETAILS OF SCHEDULED BILATERAL EXCHANGES WITHIN THE REGION

From SEB	To SEB	Energy (LU)
DELHI	HARYANA	247.15015 *
PUNJAB	H.P.	435.49615 **
PUNJAB	J & K	442.60000
PUNJAB	UTTARAKHAND	234.36250
U.P.	H.P.	30.25343 (Khara Share)
UTTARAKHAND	DELHI	6.00000
UTTARAKHAND	H.P.	141.91799 (Share in hydro projects)

* Includes 181.77590 LU share in I.P. station.

** Includes 50.31340 LU share in Ranjit Sagar HEP.

Generation at shared projects during the month

Name of station	Generation (LU)
Chhibro HEP	260.50328
Khodri HEP	131.39954
Dhakrani HEP	59.86546
Dhalipur HEP	76.74660
Kulhal HEP	62.79534
Khara HEP	154.23454
Ranjit Sagar HEP	839.51664
I.P. TPS (2,3,4)	545.32770

ENERGY SUPPLIED FROM MALANA HEP THROUGH PTC IN THE MONTH

HARYANA	44.25377
H.P.	9.97879
TOTAL	54.23256

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

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From SEB          To SEB          Energy (LU)
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M.P.              DELHI           -663.61250
WBPDCI            DELHI           110.36363
WBPDCI            HARYANA         23.91360
MSEB              DELHI           -259.37500
MSEB              UTTARAKHAND    -59.00000
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DETAILS OF ENERGY SCHEDULED / SUPPLIED FROM ER NTPC STATIONS (LUs)

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From Station  To SEB          Ex-NR Energy    Ex-PP Energy
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TALCHER      CHANDIGARH      36.08726        37.01406
TALCHER      H.P.             35.13438        36.03672
TALCHER      J & K            34.84780        35.74278
TALCHER      RAJASTHAN        31.30159        32.10562
TALCHER      U.P.             104.47897       107.16224
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TOTAL TALCHER                241.85000       248.06142
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DETAILS OF BILLING FOR TRANSMISSION CHARGES OF POWERGRID AND SEB'S LINES DURING THE M/O JANUARY -2003

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 UNCHAHAHAR GENERATION (Rs. Crore)	4.9315596	0.4109633
FIXED CHARGES FOR ANTA-KOTA LINE OF RRVPNL (Rs. Crore)	0.9515620	0.0792968
FIXED CHARGES FOR PAMPORE-KISHANPUR LINE OF J&K (Rs. Crore)	3.3205998	0.2767167
FIXED CHARGES FOR 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 ENTT. 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 LINES (Rs. Crore)	NET BILLING OF TRANSMISSION charges to the SEBS. (Rs. Crore)
1. CHANDIGARH	0.66	1.37	0.70	0.81	0.3148888	0.0000000	0.3148888
2. DELHI	21.16	10.48	12.50	18.11	7.0402909	0.0000000	7.0402909
3. HARYANA	8.38	13.91	4.68	9.20	3.5765144	0.0000000	3.5765144
4. H.P.	3.27	6.30	2.59	3.84	1.4928060	0.0000000	1.4928060
5. J & K	6.09	21.60	23.05	10.92	4.2451671	0.2767167	3.9684504
6. PUNJAB	10.16	20.43	5.80	11.91	4.6300312	0.0000000	4.6300312
7. RAJASTHAN	13.15	9.07	33.18	14.16	5.5047222	0.1612101	5.3435121
8. U.P.	31.72	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	0.4120765	0.0000000	0.4120765
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 **93.27056** 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 **41.92097** 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 **41.92097** LU OF CENTRAL SECTOR POWER WHEELD TO HARYANA THROUGH H.P. SYSTEM.
4. J&K WILL PAY WHEELING CHARGES FOR **1229.46486** 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	64.77064 LU
UPPCL	0.00000 LU
BBMB PARTNERS (PUNJAB, HARYANA AND RAJASTHAN)	308.22884 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.