

DELHI TRANSCO LIMITED
STATE LOAD DESPATCH CENTRE

Regd. Office : Delhi Transco Ltd., Shakti Sadan, Kotla Marg, New Delhi - 110002

Office of Dy. G. M. (SO)
33kV Sub-Station Building,
Minto Raod, New Delhi -02
Phone No:23221175

Fax No.23221012, 23221059

Dated 06.09.2012

No. F.DTL/207/20012-13/DGM(SO)/EAC/05

TO,

- 1 G. Manager (Commercial)NTPC, Noida (Fax No. : 95120-2410056)
- 2 G. Manager (BTPS), (Fax No. : 95120-2410056)
- 3 Managing Director (IPGCL)
- 4 Managing Director (PPCL)
- 5 CEO, BSES Rajdhani Power Ltd,BSEB Bhavan, N Delhi-19
- 6 CEO, BSES Yamuna Power Ltd, Shakti Kiran Bldg, N. Delhi-92
- 7 MD, TPDDL, Kingsway Camp, N Delhi-09
- 8 Sh. Sunil Kakkar, AVP(PMG), BSES Yamuna Power Ltd, 2nd Floor,Shakti sadan Bldg.
Karkarduma, Delhi-110092
- 9 Sh. Sanjay Srivastav, AVP(PMG), BSES Rajdhani Power Ltd, 3rd Floor
Bldg. No.20, Nehru Place, New Delhi-110019
- 10 Director (Commercial), NDMC, Palika Kendra, N Delhi-01
- 11 G.E.(U),Electric Supply,Kotwali Road,Near Gopinath Bazar,Delhi Cantt., N.Delhi
- 12 SE (Commercial), NRPC
- 13 The Secretary, DERC

Sub.: Provisional Intra-State ABT based Energy Account for the month of August-12

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of August, 2012.
The energy accounts contain the following

- Annexure-1 Plant availability factor monthly of Generating stations(PAFM).
- Annexure-2 Monthly & Cumulative weighted average entitlement of Distribution licensees
- Annexure-3 Details of Open Cycle operation of G.T.Stations in Delhi (PPCL ,Bawana & IPGCL)
- Annexure-4 Energy scheduled to beneficiaries from generating stations within Delhi.
- Annexure-5 Details of Energy Transaction from Energy Exchanges.
- Annexure-6 Details of Regulated Power Supply from NHPC Stations.

CERC vide order dated 06.07.2011 has issued the provisional Tariff for BTPS for the period 01.04.2009 to 31.03.2014
DERC vide order dated 13.07.12 has issued the provisional Tariff for IPGCL & PPCL for MYT Control period FY 12-13 to 14-15
Accordingly the required parameters to drive out the different charges of generating Stations as per Tariff Regulation dated
19.01.2009 & Tariff orders of CERC & DERC is enclosed as Annexure-01 & 04

As far as Inter Discom transfer of energy is concerned, the same would be issued on the basis of SEM data basis as decided in the meeting with stake holders held in SLDC on 24.12.2008.

The Accounts are posted in SLDC website also.

This is for your information and further necessary action please.

Encl: As above

Yours faithfully,

A handwritten signature in blue ink, appearing to read "Venkatesh", with a horizontal line underneath.

Dy. General Manager(System Operation)

Copy for kind information:

DGM(T) TO DIR (OPERATION)
G.M.(O&M),
G.M.(SLDC)
G.M.(DPPG.)
D.G.M.(SCA

DELHI TRANSCO LIMITED
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A Details of Plant Availability factor for the month of Generating Station with in Delhi

Stations	Period	PAFM in %	PAFY in %
RPH	Apr'12	76.88	76.88
	May'12	66.67	71.69
	June'12	77.20	73.51
	July'12	41.20	65.30
	Aug'12	38.24	59.82
GT	Apr'12	76.23	76.23
	May'12	81.38	78.85
	June'12	81.68	79.78
	July'12	84.49	80.98
	Aug'12	77.28	80.23
PPCL	Apr'12	91.71	91.71
	May'12	88.29	89.97
	June'12	85.55	88.51
	July'12	88.47	88.51
	Aug'12	60.97	82.94
Bawana	Apr'12	83.86	83.86
	May'12	71.33	77.49
	June'12	64.37	73.17
	July'12	80.41	75.21
	Aug'12	91.78	78.57
BTPS	Apr'12	91.76	91.76
	May'12	85.9	88.78
	June'12	64.27	80.70
	July'12	89.22	82.86
	Aug'12	90.76	84.46

The PAFM & PAFY shall be calculated with the following formula as per CERC Regulation 2009-14 dated 19.01.2009

$$\text{PAFM or PAFY} = \frac{10000 \times \sum_{i=1}^N \text{Dci} \times \{N \times \text{IC} \times (100 - \text{Aux})\}}{N} \%$$

- AUX = Normative Auxiliary Energy Consumption in %
Dci = Average Declared Capacity (in Ex-bus MW),
IC = Installed Capacity (in MW) of the Generating station
N = Number of days during the period i.e. month or the year as the case may be.
PAFM = Plant Availability factor Achieved during the month in %
PAFY = Plant Availability factor Achieved during the Year in %

* COD of GT#1 & GT #2 with associated WHR unit of BAWANA are on 27.12.2011, 00:00 hrs, 16.07.2012 at 00:00 hrs & 01.04.2012, 00:00 hrs respectively
IC of BAWANA GTUnit #1 216 MW (as decided in the meeting held on 03.02.12 at Bawana CCGT)
Associated WHRUnit#1 126.8MW



MANAGER(SO/EA)

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B) Weighted Avg. Entitlement of Distribution Licensees based on DERC order on re-assignment of PPAs

Stations	Period	BRPL	BYPL	NDPL	NDMC	MES	IP
BTPS	Apr'12	33.370	22.340	21.880	15.320	7.090	
	May'12	33.370	22.340	21.880	15.320	7.090	
	June'12	33.370	22.340	21.880	15.320	7.090	
	July'12	33.370	22.340	21.880	15.320	7.090	
	Aug'12	33.370	22.340	21.880	15.320	7.090	
RPH	Apr'12	42.660	28.080	28.160	0.260	0.000	0.84
	May'12	42.660	28.080	28.160	0.260	0.000	0.84
	June'12	42.660	28.080	28.160	0.260	0.000	0.84
	July'12	42.660	28.080	28.160	0.260	0.000	0.84
	Aug'12	42.660	28.080	28.160	0.260	0.000	0.84
GT	Apr'12	42.990	28.460	28.280	0.270	0.000	
	May'12	42.990	28.460	28.280	0.270	0.000	
	June'12	42.990	28.460	28.280	0.270	0.000	
	July'12	42.990	28.460	28.280	0.270	0.000	
	Aug'12	42.990	28.460	28.280	0.270	0.000	
PPCL	Apr'12	31.760	21.440	20.770	26.030	0.000	
	May'12	31.760	21.440	20.770	26.030	0.000	
	June'12	31.760	21.440	20.770	26.030	0.000	
	July'12	31.760	21.440	20.770	26.030	0.000	
	Aug'12	31.760	21.440	20.770	26.030	0.000	




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C) Weighted Avg. Entitlement of beneficiaries from Bawana CCGT based on DPPG meeting held on 20.03.12

Stations	Period	BRPL	BYPL	NDPL	NDMC	MES	HYN	PUNJAB
Bawana	Apr'12	30.888	19.304	20.688	7.300	1.820	10	10
	May'12	30.888	19.304	20.688	7.300	1.820	10	10
	June'12	30.888	19.304	20.688	7.300	1.820	10	10
	July'12	30.888	19.304	20.688	7.300	1.820	10	10
	Aug'12	30.888	19.304	20.688	7.300	1.820	10	10

Note:- as per DPPG meeting held on 20.03.12, the merchant power of Bawana CCGT allocated to NDPL, BYPL & BRPL in the ratio of 29.18%,27.24% & 43.58% respectively from 01.04.12 following the combined cycle Operation of GT#1




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D) Cumulative Weighted Avg. Entitlement of Distribution Licensees based on DERC order on re-assignment of PPAs

Stations	Period	BRPL	BYPL	NDPL	NDMC	MES	IP
BTPS	Apr'12	33.370	22.340	21.880	15.320	7.090	
	May'12	33.370	22.340	21.880	15.320	7.090	
	June'12	33.370	22.340	21.880	15.320	7.090	
	July'12	33.370	22.340	21.880	15.320	7.090	
	Aug'12	33.370	22.340	21.880	15.320	7.090	
RPH	Apr'12	42.660	28.080	28.160	0.260	0.000	0.84
	May'12	42.660	28.080	28.160	0.260	0.000	0.84
	June'12	42.660	28.080	28.160	0.260	0.000	0.84
	July'12	42.660	28.080	28.160	0.260	0.000	0.84
	Aug'12	42.660	28.080	28.160	0.260	0.000	0.84
GT	Apr'12	42.990	28.460	28.280	0.270	0.000	
	May'12	42.990	28.460	28.280	0.270	0.000	
	June'12	42.990	28.460	28.280	0.270	0.000	
	July'12	42.990	28.460	28.280	0.270	0.000	
	Aug'12	42.990	28.460	28.280	0.270	0.000	
PPCL	Apr'12	31.760	21.440	20.770	26.030	0.000	
	May'12	31.760	21.440	20.770	26.030	0.000	
	June'12	31.760	21.440	20.770	26.030	0.000	
	July'12	31.760	21.440	20.770	26.030	0.000	
	Aug'12	31.760	21.440	20.770	26.030	0.000	




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G) Cum. Weighted Avg. Entitlement of beneficiaries from Bawana CCGT based on DPPG meeting held on 20.03.12

Stations	Period	BRPL	BYPL	NDPL	NDMC	MES	HYN	PUNJAB
Bawana	Apr'12	30.888	19.304	20.688	7.300	1.820	10	10
	May'12	30.888	19.304	20.688	7.300	1.820	10	10
	June'12	30.888	19.304	20.688	7.300	1.820	10	10
	July'12	30.888	19.304	20.688	7.300	1.820	10	10
	Aug'12	30.888	19.304	20.688	7.300	1.820	10	10

Note:- as per DPPG meeting held on 20.03.12, the merchant power of Bawana CCGT allocated to NDPL, BYPL & BRPL in the ratio of 29.18%,27.24% & 43.58% respectively from 01.04.12 following the combined cycle Operation of GT#1




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H) Details of Energy Scheduled to the Licensees (in Mus) from Generating Stations with in Delhi

Stations	Licensees	Scheduled Energy
BTPS	BRPL	123.073983
	BYPL	82.382810
	NDPL	80.696996
	NDMC	56.513390
	MES	26.149072
	Total	368.816250
RPH*	BRPL	14.323727
	BYPL	9.464411
	NDPL	9.463594
	NDMC	0.082518
	MES	0.000000
	IP	0.744000
	Jhajjar	0.000000
	Total	34.078250
GT(APM, PMT, RLNG)	BRPL	48.218766
	BYPL	31.924017
	NDPL	31.719626
	NDMC	0.300341
	MES	0.000000
Total	112.162750	
GT(S-RLNG)	BRPL	0.154012
	BYPL	0.101395
	NDPL	0.101313
	NDMC	0.001530
	MES	0.000000
Total	0.358250	
GT(LQ)	BRPL	0.000000
	BYPL	0.000000
	NDPL	0.000000
	NDMC	0.000000
	MES	0.000000
Total	0.000000	

*As per the Govt. of NCT of Delhi Order dated 20.05.11 w.e.f 01.04.11 onwards, the Auxiliary Power to the tune of 1 MW to IP is allocated from RPH at Ex-Bus.

As Such, The Auxiliary power to IP to the tune of 0.7440 Mus was allocated for the month.




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H) Details of Energy Scheduled to the Licensees (in Mus) from Generating Stations with in Delhi

Stations	Licensees	Scheduled Energy
PPCL(APM, PMT,RLNG)	BRPL	45.841114
	BYPL	30.950970
	NDPL	29.978587
	NDMC	37.565330
	MES	0.000000
	Total	144.336000
PPCL (S-RLNG)	BRPL	0.000000
	BYPL	0.000000
	NDPL	0.000000
	NDMC	0.000000
	MES	0.000000
	Total	0.000000
Bawana(APM, PMT,RLNG)	BRPL	44.050242
	BYPL	27.529975
	NDPL	29.503736
	NDMC	10.410734
	MES	2.595553
	PUNJAB	14.261280
	HARYANA	14.261280
	Total	142.612800
Bawana (S-RLNG)	BRPL	1.196910
	BYPL	0.748030
	NDPL	0.801660
	NDMC	0.282875
	MES	0.070525
	PUNJAB	0.387500
	HARYANA	0.387500
	Total	3.875000

As per DERC Tariff order dated 13.07.12 regarding IPGCL & PPCL Generating Stations for MYT control Period FY 2012-13 to 2014-15 , & CERC Tariff Regulation for 2009-14 for BTPS & Bawana, the salient features are as under.

Details of Tariff component for FY12-13 to 14-15	PPCL	GT	RPH	Bawana	BTPS	
Normative Annual Plant Availability Factor in %	85	80	75	85	82	
SHR in Kcal/Kwh	Closed Cycle	2000	2450	3200	1845*	2825
	Open Cycle	2900	3125		2756*	
Aux. Cons in %	Closed Cycle	3	3	11.28	3	9.5
	Open Cycle	1	1		1	

* Provisional Values

Capacity Charges (inclusive of incentive) shall be calculated with the following formula

$AFC * (NDM/NDY) * (PAFM/NAPAF)$ (in Rupees)

AFC = Annual Fixed cost

NAPAF = Normative Annual Plant Availability Factor in %

NDM = Number of days in Month

NDY = Number of days in Year

PAFM = Plant Availability factor Achieved during the month in %

PAFY = Plant Availability factor Achieved during the Year in %


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I) Details of Open Cycle Operation of GT stations (IPGCL & PPCL) in Delhi

Stations	Unit No.	Date	From(Hrs)	Date	Upto(Hrs)
GTPS	1	05.08.12	21.15	05.08.12	23.25
		18.08.12	4.54	18.08.12	6.15
		18.08.12	10.05	18.08.12	10.50
		29.08.12	21.35	29.08.12	21.65
	2	18.08.12	5.25	18.08.12	6.15
		18.08.12	7.05	18.08.12	9.10
		23.08.12	12.54	23.08.12	13.35
		24.08.12	9.43	24.08.12	10.15
	3	06.08.12	0.00	06.08.12	0.58
		18.08.12	7.05	18.08.12	11.35
		27.08.12	10.20	27.08.12	12.3
	4	01.08.12	19.25	01.08.12	20.4
		04.08.12	12.20	04.08.12	13.16
		06.08.12	2.07	06.08.12	2.45
		13.08.12	13.20	13.08.12	13.45
		16.08.12	10.56	16.08.12	11.30
		18.08.12	4.54	18.08.12	6.15
		18.08.12	7.25	18.08.12	11.35
		27.08.12	9.45	27.08.12	12.30
		29.08.12	20.35	29.08.12	20.55
		5	06.08.12	3.15	07.08.12
	13.08.12		14.27	13.08.12	17.43
	15.08.12		21.25	16.08.12	14.46
	23.08.12		12.54	23.08.12	13.35
	6	05.08.12	21.15	07.08.12	2.35
		13.08.12	14.27	13.08.12	17.43
		15.08.12	21.28	16.08.12	14.46
		18.08.12	14.50	19.08.12	3.04
		22.08.12	7.59	22.07.12	11.20
		25.08.12	9.50	25.08.12	10.15
29.08.12		20.40	29.08.12	24.00	
PPCL	1	09.08.12	11.30	09.08.12	17.35
		17.08.12	0.41	17.08.12	1.15
		18.08.12	0.16	18.08.12	0.45
	31.08.12	22.38	31.08.12	24.00	
	2	09.08.12	9.43	09.08.12	16.40
Bawana	1	03.08.12	4.05	03.08.12	5.25
		15.08.12	11.00	15.08.12	12.00
	16.08.12	12.00	16.08.12	4.20	
2	01.08.12	12.00	01.08.12	5.55	
	02.08.12	7.20	02.08.12	12.00	
	03.08.12	12.00	03.08.12	12.10	
	06.08.12	11.26	06.08.12	4.10	




MANAGER(SO/EA)

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K) Details of Collective Transactions (in Mus) from Energy Exchange

Energy Exchange	Licensees	Purchase	Sale
IEX	BRPL	4.361980	-24.300385
	BYPL	0.000000	-33.730940
	NDPL	0.000000	-58.267313
	NDMC	3.546440	-4.443005
	MES	0.000000	0.000000
	Total	7.908420	-120.741643
PXI	BRPL	0.000000	0.000000
	BYPL	0.000000	-0.067530
	NDPL	0.000000	0.000000
	NDMC	0.000000	0.000000
	MES	0.000000	0.000000
	Total	0.000000	-0.0675300

All figures are at Delhi Periphery




MANAGER(SO/EA)

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L) Details of Regulated Power Supply to Discom (in Mus) from of NHPC Station

Station Name	Discom			
	BRPL in Mus	BYPL in Mus	NDPL in Mus	TOTAL DELHI in Mus
BSIUL	0.000000	2.666950	2.856973	5.523923
CHAMERA1	0.000000	8.351245	8.946280	17.297525
CHAMERA2	0.000000	7.182210	7.693950	14.876160
CHAMERA3	0.000000	9.013953	9.656207	18.670160
DHAULIGNG	0.000000	6.803784	7.288561	14.092345
DULHASTI	0.000000	9.282233	9.943602	19.225835
SALAL	0.000000	14.705045	15.752795	30.457840
SEWA2	0.000000	1.519768	1.628053	3.147822
TANAKPUR	0.000000	2.012492	2.155885	4.168377
URI	0.000000	8.298251	8.889509	17.187760

Note:- Regulation of Power supply from NHPC Station in line with Regulation 10 of CERC (Regulation of Power supply),2010 implemented the Regulation of Power w.e.f 0:00 Hrs of 22.06.12 on BRPL & BYPL & from 0:00 Hrs of 28.06.12 on BRPL.




MANAGER(SO/EA)