

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 03.08.2011

No. F.DTL/207/20011-12/DGM(SO)/EAC/24

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, NDPL, 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 Jul-11**

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of July, 2011.  
The energy accounts contain the following

- Annexure-1 Availability of generating stations within Delhi.
- Annexure-2 Plant availability factor monthly of BTPS Generating station(PAFM) .
- Annexure-3 PLF based on scheduled generation of generating stations within Delhi
- Annexure-4 Monthly & Cumulative weighted average entitlement of Distribution licensees
- Annexure-5 Energy scheduled to Distribution licensees from generating stations within Delhi
- Annexure-6 Details of Open Cycle operation of G.T.Stations in Delhi (PPCL & IPGCL)
- Annexure-7 Incentive energy booked to Distribution Licensees from generating stations within Delhi.

CERC vide order dated 06.07.2011 has issued the provisional Tariff for BTPS for the period 01.04.2009 to 31.03.2014  
Accordingly the required parameters to drive out the different charges for BTPS as per Tariff Regulation dated 19.01.2009  
is enclosed as Annexure-02

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, reading "Venkatesh Gopal V" 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**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of July'11**

**A Details of Availability of Generating Station with in Delhi**

Stations	Period	Monthly Availability in %	Cumulative Availability in %
RPH	Apr'11	91.90	91.90
	May'11	91.33	91.61
	June'11	85.48	89.58
	July'11	22.68	72.59
GT	Apr'11	79.66	79.66
	May'11	74.76	77.17
	June'11	67.57	74.01
	July'11	73.56	73.89
PPCL	Apr'11	77.73	77.73
	May'11	89.69	83.81
	June'11	86.65	84.75
	July'11	93.28	86.92




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**DELHI TRANSCO LIMITED**  
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**B Details of Plant Availability Factor of BTPS Generating Station as per Regulation dated 19.01.09**

Stations	Period	PAFM in %	PAFY in %
BTPS	Apr'11	91.65	91.65
	May'11	95.63	93.67
	June'11	99.67	95.65
	July'11	89.71	94.14

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

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

- 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 %




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**DELHI TRANSCO LIMITED**  
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**Provisional Energy Accounts for the month of July'11**

**C Details of PLF based on scheduled Generation of Generating Stations with in Delhi**

Stations	Period	Monthly PLF in %	Cumulative PLF in %
RPH	Apr'11	91.90	91.90
	May'11	91.33	91.61
	June'11	85.48	89.58
	July'11	22.68	72.59
GT	Apr'11	47.22	47.22
	May'11	57.53	52.46
	June'11	55.26	53.38
	July'11	49.43	52.38
PPCL	Apr'11	66.53	66.53
	May'11	84.1	75.46
	June'11	77.07	75.99
	July'11	88.68	79.21




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## Annexure-4

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
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## D) Weighted Avg. Entitlement of Distribution Licensees based on DERC order on re-assignment of PPAs

Stations	Period	BRPL	BYPL	NDPL	NDMC	MES	IP	Jhajjar
BTPS	Apr'11	33.370	22.340	21.880	15.320	7.090		
	May'11	33.370	22.340	21.880	15.320	7.090		
	June'11	33.370	22.340	21.880	15.320	7.090		
	July'11	33.370	22.340	21.880	15.320	7.090		
RPH	Apr'11	42.660	28.080	28.160	0.260	0.000	0.84	0
	May'11	42.660	28.080	28.160	0.260	0.000	0.84	0
	June'11	42.660	28.080	28.160	0.260	0.000	0.84	0
	July'11	42.660	28.080	28.160	0.260	0.000	0.84	0
GT	Apr'11	42.990	28.460	28.280	0.270	0.000		
	May'11	42.990	28.460	28.280	0.270	0.000		
	June'11	42.990	28.460	28.280	0.270	0.000		
	July'11	42.990	28.460	28.280	0.270	0.000		
PPCL	Apr'11	31.760	21.440	20.770	26.030	0.000		
	May'11	31.760	21.440	20.770	26.030	0.000		
	June'11	31.760	21.440	20.770	26.030	0.000		
	July'11	31.760	21.440	20.770	26.030	0.000		




MANAGER(SO/EA)

## DELHI TRANSCO LIMITED

## State Load Despatch Centre

## Provisional Energy Accounts for the month of July'11

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	Jhajjar
BTPS	Apr'11	33.370	22.340	21.880	15.320	7.090		
	May'11	33.370	22.340	21.880	15.320	7.090		
	June'11	33.370	22.340	21.880	15.320	7.090		
	July'11	33.370	22.340	21.880	15.320	7.090		
RPH	Apr'11	42.660	28.080	28.160	0.260	0.000	0.84	0
	May'11	42.660	28.080	28.160	0.260	0.000	0.84	0
	June'11	42.660	28.080	28.160	0.260	0.000	0.84	0
	July'11	42.660	28.080	28.160	0.260	0.000	0.84	0
GT	Apr'11	42.990	28.460	28.280	0.270	0.000		
	May'11	42.990	28.460	28.280	0.270	0.000		
	June'11	42.990	28.460	28.280	0.270	0.000		
	July'11	42.990	28.460	28.280	0.270	0.000		
PPCL	Apr'11	31.760	21.440	20.770	26.030	0.000		
	May'11	31.760	21.440	20.770	26.030	0.000		
	June'11	31.760	21.440	20.770	26.030	0.000		
	July'11	31.760	21.440	20.770	26.030	0.000		


  
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**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of July'11**

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

Stations	Licensees	Scheduled Energy
BTPS	BRPL	118.706684
	BYPL	79.459980
	NDPL	77.833451
	NDMC	54.507468
	MES	25.221168
	Total	355.728750
RPH*	BRPL	8.366259
	BYPL	5.527705
	NDPL	5.527533
	NDMC	0.048503
	MES	0.000000
	IP	0.744000
	Jhajjar	0.000000
Total	20.214000	
GT(APM, PMT, RLNG)	BRPL	41.402487
	BYPL	27.412979
	NDPL	27.235690
	NDMC	0.256094
	MES	0.000000
Total	96.307250	
GT(S-RLNG)	BRPL	0.000000
	BYPL	0.000000
	NDPL	0.000000
	NDMC	0.000000
	MES	0.000000
Total	0.000000	
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 0.744 Mus was allocated for the month.




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Annexure-5(contd..)

**DELHI TRANSCO LIMITED**  
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**Provisional Energy Accounts for the month of July'11**

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

Stations	Licensees	Scheduled Energy
PPCL(APM, PMT,RLNG)	BRPL	67.063781
	BYPL	45.273742
	NDPL	43.857517
	NDMC	54.962961
	MES	0.000000
	Total	211.158000
PPCL (S-RLNG)	BRPL	0.008734
	BYPL	0.005924
	NDPL	0.005712
	NDMC	0.007131
	MES	0.000000
	Total	0.027500




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

Stations	Unit No.	Date	From(Hrs)	Date	Upto(Hrs)
GTPS	1	10.07.11	16.42	10.07.11	19.34
		26.07.11	13.50	26.07.11	15.01
		26.07.11	15.20	26.07.11	16.46
		29.07.11	15.55	29.07.11	17.31
		29.07.11	17.42	29.07.11	18.11
	2	10.07.11	19.27	10.07.11	20.05
		26.07.11	13.50	26.07.11	15.01
		26.07.11	15.20	26.07.11	16.46
		29.07.11	15.55	29.07.11	17.31
		29.07.11	17.42	29.07.11	18.11
	3	27.07.11	12.25	27.07.11	19.02
		28.07.11	15.00	28.07.11	21.35
	6	04.07.11	11.00	04.07.11	15.00
		20.07.11	12.50	20.07.11	13.25
		25.07.11	9.17	25.07.11	9.45
PPCL	1	29.07.11	22.59	29.07.11	23.53
		30.07.11	0.23	30.07.11	9.34
	2	30.07.11	0.23	30.07.11	8.53




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**Provisional Energy Accounts for the month of July'11**

**F) Details of Cumulative & Monthly Energy Scheduled to Licensees from Generating Stations with in Delhi beyond Target PLF for Incentive, (in Mus) stipulated for Generating Stations**

Stations	Licensees	Incentive Energy upto last month in Mus	Incentive Energy upto this month in Mus	Incentive Energy for the month in Mus
RPH	BRPL	21.808715	3.860017	-17.948699
	BYPL	14.410041	2.550494	-11.859547
	NDPL	14.408877	2.550288	-11.858589
	NDMC	0.125719	0.022252	-0.103468
	MES	0.000000	0.000000	0.000000
	IP	0.477464	0.084508	-0.392956
	Jhajjar	0.000000	0.000000	0.000000
	Total	51.230816	9.067559	-42.163258
GT	BRPL	-40.860585	-58.095392	-17.234807
	BYPL	-27.057908	-38.469539	-11.411631
	NDPL	-26.879212	-38.216741	-11.337528
	NDMC	-0.249015	-0.355319	-0.106304
	MES	0.000000	0.000000	0.000000
	Total	-95.046720	-135.136990	-40.090270
PPCL	BRPL	-8.545177	-1.982932	6.562245
	BYPL	-5.769217	-1.338730	4.430486
	NDPL	-5.588266	-1.296773	4.291493
	NDMC	-7.002810	-1.625054	5.377755
	MES	0.000000	0.000000	0.000000
	Total	-26.905470	-6.243490	20.661980

(1) As per DERC order the Target PLF for GT is 70%

(2) As per DERC order the Target PLF for RPH is 70%

(3) The Target PLF for the IPGCL & PPCL are based on Tariff order for 2009-10 as per MYT norms notified by DERC.

As far as BTPS is concerned, the tariff regulations for 2009-14 would prevail.

The salient features are:

- 1) Normative Annual Plant Availability Factor = 82%
- 2) Auxilliary consumption = 9.50%
- 3) 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 %
- 4) Gross Station Heat rate = 2825 Kcal/Kwh




**MANAGER(SO/EA)**

















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