

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

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No. F.DTL/207/20011-12/DGM(SO)/EAC/31

Dated 23.01.2012

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 CEO, NDPL, Kingsway Camp, N Delhi-09
- 8 Sh. Sunil Kakkar, DGM(PMG), BSES Yamuna Power Ltd, 2nd Floor,Shakti sadan Bldg.
Karkarduma, Delhi-110092
- 9 Sh. Sanjay Srivastav, DGM(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.: **Final Intra-State ABT based Energy Account for the month of May 2010**

Sir,

Please find herewith the Final Intra-State ABT based Energy Accounts for the month of May, 2010.
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. |

As per the decision taken in commercial sub committie meeting held on dated 25.10.2010.
Provisional energy accounts have been finalized ,on the basis of UI bills issued . The UI Suspension of Generating station & frequencyu correction of GTs are taken care in final Accounts.
The Accounts are posted in SLDC website also.

This is for your information and further necessary action please.

Encl: As above

Yours faithfully,



Dy. General Manager(System Operation)

Copy for kind information:

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

DELHI TRANSCO LIMITED
State Load Despatch Centre
Final Energy Accounts for the month of May'10

A Details of Availability of Generating Station with in Delhi

Stations	Period	Monthly Availability in %	Cumulative Availability in %
RPH	Apr'10	65.72	65.72
	May'10	48.55	57.00
GT	Apr'10	66.84	66.84
	May'10	71.45	69.18
PPCL	Apr'10	88.59	88.59
	May'10	88.67	88.63



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Annexure-2

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

Stations	Period	PAFM		PAFY	
		in %		in %	
BTPS	Apr'10	89.94		89.94	
	May'10	76.31		83.01	

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

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

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 %



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

Stations	Period	Monthly PLF in %	Cumulative PLF in %
RPH	Apr'10	65.72	65.72
	May'10	48.35	56.77
GT	Apr'10	66.34	66.34
	May'10	63.36	63.83
PPCL	Apr'10	88.59	88.59
	May'10	87.35	87.92



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DELHI TRANSCO LIMITED
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Annexure-4

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

Stations	Period	BSES	BYPL	NDPL	NDMC	MES	IP	Jhajjar
BTPS	Apr'10	33.370	22.340	21.880	15.320	7.090		
	May'10	33.370	22.340	21.880	15.320	7.090		
RPH	Apr'10	42.360	27.900	27.910	0.240	0.000	0.84	0.75
	May'10	42.360	27.900	27.910	0.240	0.000	0.84	0.75
GT	Apr'10	42.990	28.460	28.280	0.270	0.000		
	May'10	42.990	28.460	28.280	0.270	0.000		
PPCL	Apr'10	31.760	21.440	20.770	26.030	0.000		
	May'10	31.760	21.440	20.770	26.030	0.000		



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

Stations	Period	BSES	BYPL	NDPL	NDMC	MES	IP	Jhajjar
BTPS	Apr'10	33.370	22.340	21.880	15.320	7.090		
	May'10	33.370	22.340	21.880	15.320	7.090		
RPH	Apr'10	42.360	27.900	27.910	0.240	0.000	0.84	0.75
	May'10	42.360	27.900	27.910	0.240	0.000	0.84	0.75
GT	Apr'10	42.990	28.460	28.280	0.270	0.000		
	May'10	42.990	28.460	28.280	0.270	0.000		
PPCL	Apr'10	31.760	21.440	20.770	26.030	0.000		
	May'10	31.760	21.440	20.770	26.030	0.000		



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

Stations	Licensees	Scheduled Energy
BTPS	BRPL	110.541128
	BYPL	74.003261
	NDPL	72.479469
	NDMC	50.748879
	MES	23.486263
	Total	331.259000
RPH*	BRPL	17.934744
	BYPL	11.816979
	NDPL	11.813429
	NDMC	0.104793
	MES	0.000000
	IP	0.744000
	Jhajjar	0.669600
Total	43.083545	
GT(APM, PMT, RLNG)	BRPL	52.697635
	BYPL	35.769017
	NDPL	34.665948
	NDMC	0.324949
	MES	0.000000
Total	123.457550	
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 24.12.09 w.e.f 01.11.09 to 30.06.10, the construction power for Jhajjar to the tune of 0.9 MW & 1 MW auxiliary power to IP is allocated from RPH at Ex-Bus.

As Such, The constructional Power to Jhajjar to the tune of 0.648 Mus & Auxiliary power to IP to the tune of 0.720 Mus was allocated for the month.



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

Stations	Licensees	Scheduled Energy
PPCL(APM, PMT,RLNG)	BRPL	66.072639
	BYPL	44.621317
	NDPL	43.20934
	NDMC	54.133979
	MES	0.000000
	Total	208.037278
PPCL(S-RLNG)	BRPL	0.000000
	BYPL	0.000000
	NDPL	0.000000
	NDMC	0.000000
	MES	0.000000
	Total	0.000000



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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	20.05.10	0.00	20.05.10	3.50
		20.05.10	0.00	20.05.10	3.25
		11.05.10	16.15	11.05.10	20.00
	4	24.05.10	12.00	26.05.10	22.00
		28.05.10	5.22	28.05.10	8.56
		24.05.10	15.35	24.05.10	18.02
		24.05.10	22.50	27.05.10	10.35
		27.05.10	13.45	27.05.10	24.00
		28.05.10	5.22	28.05.10	8.25
	5	05.05.10	9.03	05.05.10	15.32
		16.05.10	10.00	16.05.10	24.00
		17.05.10	12.00	17.05.10	24.00
		18.05.10	7.05	18.05.10	17.58
		28.05.10	5.22	28.05.10	10.58
	6	16.05.10	10.00	16.05.10	24.00
		17.05.10	12.00	17.05.10	24.00
		18.05.10	7.05	18.05.10	17.58
		22.05.10	11.52	22.05.10	16.30
PPCL	1	01.05.10	20.10	01.05.10	22.00
		12.05.10	15.53	12.05.10	17.05
		14.05.10	15.32	14.05.10	16.27
		23.05.10	15.41	23.05.10	17.00
	2	01.05.10	18.16	01.05.10	19.50
		12.05.10	15.53	12.05.10	16.33
		14.05.10	15.32	14.05.10	16.51
		16.05.10	14.24	16.05.10	15.15



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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	-1.637021	-9.702776	-8.065754
	BYPL	-1.078832	-6.393777	-5.314945
	NDPL	-1.078289	-6.391117	-5.312828
	NDMC	-0.009346	-0.055954	-0.046608
	MES	0.000000	0.000000	0.000000
	IP	-0.049702	-0.341058	-0.291356
	Jhajjar	-0.044731	-0.306952	-0.262221
	Total		-3.687338	-23.191634
GT	BRPL	-4.571295	-10.094669	-5.523375
	BYPL	-3.104188	-6.853361	-3.749173
	NDPL	-3.007123	-6.640550	-3.633427
	NDMC	-0.027524	-0.061520	-0.033996
	MES	0.000000	0.000000	0.000000
	Total		-10.710129	-23.650100
PPCL	BRPL	6.220465	11.782834	5.562370
	BYPL	4.200298	7.956812	3.756514
	NDPL	4.067980	7.705588	3.637608
	NDMC	5.097103	9.654370	4.557267
	MES	0.000000	0.000000	0.000000
	Total		19.585846	37.099604

(1) As per CERC order the Target PLF for BTPS is 75% for FY 08-09

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

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

(4) 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 %



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