

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 04.05.2012

No. F.DTL/207/20012-13/DGM(SO)/EAC/01

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 April-12

Sir,

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

- Annexure-1 Availability of generating stations within Delhi.
- Annexure-2 Plant availability factor monthly of BTPS & Bawana 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 beneficiaries from generating stations within Delhi.
- Annexure-6 Details of Open Cycle operation of G.T.Stations in Delhi (PPCL ,Bawana & IPGCL)
- Annexure-7 Incentive energy booked to Distribution Licensees from generating stations within Delhi.
- Annexure-8 Details of Energy Transaction from Energy Exchanges.

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

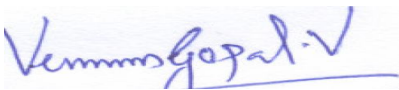
As far as Inter Discom transfer of energy is concerned, the same would be issued on the basis of SEM data basis as decided in the meeting with stake holders held in SLDC on 24.12.2008.

The Accounts are posted in SLDC website also.

This is for your information and further necessary action please.

Encl: As above

Yours faithfully,



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 April'12

A Details of Availability of Generating Station with in Delhi

Stations	Period	Monthly Availability in %	Cumulative Availability in %
RPH	Apr'12	76.88	76.88
GT	Apr'12	76.23	76.23
PPCL	Apr'12	91.71	91.71



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Provisional Energy Accounts for the month of April'12

B) Details of Plant Availability Factor of BTPS & Bawana Generating Station as per Regulation dated 19.01.09

Stations	Period	PAFM in %	PAFY in %
BTPS	Apr'12	91.76	91.76
Bawana	Apr'12	83.86	83.86

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

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

- 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 & associated WHR unit of BAWANA are on 27.12.2011, 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
AUX 3.00%




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Provisional Energy Accounts for the month of April'12

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

Stations	Period	Monthly PLF in %	Cumulative PLF in %
RPH	Apr'12	76.88	76.88
GT	Apr'12	59.85	59.85
PPCL	Apr'12	87.82	87.82

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Provisional Energy Accounts for the month of April'12

D) 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	
RPH	Apr'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	
PPCL	Apr'12	31.760	21.440	20.770	26.030	0.000	

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Provisional Energy Accounts for the month of April'12

E) 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

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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DELHI TRANSCO LIMITED

State Load Despatch Centre

Provisional Energy Accounts for the month of April'12

F) 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	
RPH	Apr'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	
PPCL	Apr'12	31.760	21.440	20.770	26.030	0.000	




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DELHI TRANSCO LIMITED
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Provisional Energy Accounts for the month of April'12

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

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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State Load Despatch Centre
Provisional Energy Accounts for the month of April'12

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

Stations	Licensees	Scheduled Energy
BTPS	BRPL	115.623296
	BYPL	77.384665
	NDPL	75.811739
	NDMC	53.102998
	MES	24.566052
	Total	346.488750
RPH*	BRPL	28.177900
	BYPL	18.618711
	NDPL	18.616955
	NDMC	0.162184
	MES	0.000000
	IP	0.720000
	Jhajjar	0.000000
Total	66.295750	
GT(APM, PMT, RLNG)	BRPL	48.521071
	BYPL	32.131970
	NDPL	31.918490
	NDMC	0.294417
	MES	0.000000
Total	112.865948	
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 0.720 Mus was allocated for the month.




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Annexure-5(contd..)

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of April'12

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	64.291911
	BYPL	43.404350
	NDPL	42.044804
	NDMC	52.689385
	MES	0.000000
	Total	202.430450
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	28.237926
	BYPL	17.647790
	NDPL	18.913048
	NDMC	6.673688
	MES	1.663851
	PUNJAB	4.078248
	HARYANA	10.862450
	Total	88.077000




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State Load Despatch Centre
Provisional Energy Accounts for the month of April'12

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

Stations	Unit No.	Date	From(Hrs)	Date	Upto(Hrs)	
GTPS	1	10.04.12	12.25	10.04.12	12.55	
		22.04.12	7.46	22.04.12	15.05	
	2	12.04.12	6.10	12.04.12	6.55	
		22.04.12	7.46	22.04.12	15.05	
	3	02.04.12	13.50	02.04.12	16.25	
		4	02.04.12	13.48	02.04.12	16.25
	5		07.04.12	21.45	07.04.12	22.45
		19.04.12	9.45	19.04.12	12.25	
		26.04.12	8.40	26.04.12	10.40	
		02.04.12	15.45	02.04.12	21.25	
		04.04.12	11.58	04.04.12	22.20	
		09.04.12	15.31	09.04.12	18.15	
		20.04.12	14.00	20.04.12	15.50	
		6	02.04.12	15.50	02.04.12	21.35
	04.04.12		19.42	04.04.12	22.20	
	09.04.12		15.35	09.04.12	18.15	
	10.04.12		11.50	10.04.12	12.35	
	Bawana	1	20.04.12	14.00	20.04.12	15.50
			02.04.12	20.21	02.04.12	24.00
			03.04.12	0.00	03.04.12	6.45
03.04.12			13.52	03.04.12	15.50	
04.04.12			16.43	04.04.12	24.00	
05.04.12			0.00	05.04.12	4.56	
18.04.12			7.25	18.04.12	18.12	
20.04.12			17.25	20.04.12	19.25	
PPCL	1	24.04.12	8.03	24.04.12	19.08	
		03.04.12	19.07	03.04.12	23.59	
	2	10.04.12	17.00	10.04.12	18.04	
		16.04.12	5.40	16.04.12	7.55	
2	03.04.12	19.47	03.04.12	23.26		
	10.04.12	17.51	10.04.12	18.38		
	21.04.12	6.05	21.04.12	19.55		


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DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of April'12

J) 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	0.000000	2.520729	2.520729
	BYPL	0.000000	1.665586	1.665586
	NDPL	0.000000	1.665429	1.665429
	NDMC	0.000000	0.014509	0.014509
	MES	0.000000	0.000000	0.000000
	IP	0.000000	0.064410	0.064410
	Jhajjar	0.000000	0.000000	0.000000
	Total	0.000000	5.930662	5.930662
GT	BRPL	0.000000	-8.224697	-8.224697
	BYPL	0.000000	-5.446618	-5.446618
	NDPL	0.000000	-5.410431	-5.410431
	NDMC	0.000000	-0.049906	-0.049906
	MES	0.000000	0.000000	0.000000
	Total	0.000000	-19.131653	-19.131653
PPCL	BRPL	0.000000	5.733585	5.733585
	BYPL	0.000000	3.870822	3.870822
	NDPL	0.000000	3.749577	3.749577
	NDMC	0.000000	4.698866	4.698866
	MES	0.000000	0.000000	0.000000
	Total	0.000000	18.052850	18.052850

(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 2011-12 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

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Provisional Energy Accounts for the month of April'12

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

Energy Exchange	Licensees	Purchase	Sale
IEX	BRPL	0.103118	-56.263365
	BYPL	0.000000	-31.791660
	NDPL	0.000000	-20.410480
	NDMC	0.000000	-25.100253
	MES	0.000000	0.000000
	Total	0.103118	-133.565758
PXI	BRPL	0.000000	-5.776933
	BYPL	0.000000	-0.357838
	NDPL	0.000000	-4.260565
	NDMC	0.000000	0.000000
	MES	0.000000	0.000000
	Total	0.000000	-10.395335

All figures are at Delhi Periphery




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