

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 05.06.2012

No. F.DTL/207/20012-13/DGM(SO)/EAC/02

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 May-12

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of May, 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,

A handwritten signature in blue ink, reading "Venkatesh Gopal V", is written over a light blue rectangular stamp.

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 May'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
	May'12	66.67	71.69
GT	Apr'12	76.23	76.23
	May'12	81.38	78.85
PPCL	Apr'12	91.71	91.71
	May'12	88.29	89.97



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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
	May'12	85.90	88.78
Bawana	Apr'12	83.86	83.86
	May'12	71.33	77.49

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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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
	May'12	66.67	71.69
GT	Apr'12	59.85	59.85
	May'12	78.38	69.27
PPCL	Apr'12	87.82	87.82
	May'12	87.65	87.73



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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
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	
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
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	
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	

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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
	May'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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Provisional Energy Accounts for the month of May'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	
	May'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
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	
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	




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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

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	125.521255
	BYPL	84.019581
	NDPL	82.301620
	NDMC	57.638509
	MES	26.669035
	Total	376.150000
RPH*	BRPL	25.207384
	BYPL	16.650194
	NDPL	16.654355
	NDMC	0.150818
	MES	0.000000
	IP	0.744000
	Jhajjar	0.000000
Total	59.406750	
GT(APM, PMT, RLNG)	BRPL	61.040080
	BYPL	40.449019
	NDPL	40.153837
	NDMC	0.343758
	MES	0.000000
Total	141.986695	
GT(S-RLNG)	BRPL	4.618631
	BYPL	3.035206
	NDPL	3.038262
	NDMC	0.051401
	MES	0.000000
Total	10.743500	
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.

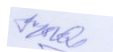



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H) Details of Energy Scheduled to the Licensees (in Mus) from Generating Stations with in Delhi

Stations	Licensees	Scheduled Energy
PPCL(APM, PMT,RLNG)	BRPL	66.296300
	BYPL	44.767852
	NDPL	43.355610
	NDMC	54.321738
	MES	0.000000
	Total	208.741500
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	40.005213
	BYPL	25.001963
	NDPL	26.794479
	NDMC	9.454742
	MES	2.357210
	PUNJAB	4.569481
	HARYANA	13.892775
	Total	122.075863




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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	23.05.12	14.05	23.05.12	18.05
		27.05.12	19.20	27.05.12	20.35
	2	23.05.12	14.05	23.05.12	18.05
		27.05.12	19.20	27.05.12	20.35
	3	20.05.12	21.55	20.05.12	22.45
	4	20.05.12	20.12	20.05.12	22.15
	5	02.05.12	13.15	02.05.12	18.35
		09.05.12	17.10	09.05.12	18.28
		26.05.12	14.05	26.05.12	17.25
		02.05.12	14.25	02.05.12	18.35
	6	26.05.12	14.05	26.05.12	17.30
		12.05.12	17.28	12.05.12	19.27
PPCL	1	16.05.12	11.28	16.05.12	12.25
		27.05.12	11.44	27.05.12	12.4
		28.05.12	17.03	28.05.12	17.58
		12.05.12	17.57	12.05.12	18.48
2	16.05.12	12.19	16.05.12	13.00	
	03.05.12	14.14	03.05.12	21.03	
Bawana	1	07.05.12	12.42	07.05.12	19.25
		12.05.12	16.03	13.05.12	3.27
		18.05.12	0.49	18.05.12	24
		20.05.12	15.08	20.05.12	18.2
		20.05.12	21.08	21.05.12	11.59
		21.05.12	14.20	21.05.12	15.55
		21.05.12	19.21	21.05.12	23.5
		27.05.12	20.18	27.05.12	23.21
		30.05.12	11.39	30.05.12	14.35
		30.05.12	19.18	31.05.12	1.32



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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	2.520729	1.257164	-1.263565
	BYPL	1.665586	0.830544	-0.835043
	NDPL	1.665429	0.830600	-0.834829
	NDMC	0.014509	0.007371	-0.007138
	MES	0.000000	0.000000	0.000000
	IP	0.064410	0.034476	-0.029934
	Jhajjar	0.000000	0.000000	0.000000
	Total	5.930662	2.960154	-2.970508
GT	BRPL	-8.224697	-1.203280	7.021417
	BYPL	-5.446618	-0.796879	4.649739
	NDPL	-5.410431	-0.791551	4.618880
	NDMC	-0.049906	-0.007267	0.042639
	MES	0.000000	0.000000	0.000000
	Total	-19.131653	-2.798978	16.332675
PPCL	BRPL	5.733585	11.519616	5.786030
	BYPL	3.870822	7.777960	3.907138
	NDPL	3.749577	7.533451	3.783874
	NDMC	4.698866	9.439803	4.740937
	MES	0.000000	0.000000	0.000000
	Total	18.052850	36.270830	18.217980

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

Energy Exchange	Licensees	Purchase	Sale
IEX	BRPL	0.764378	-119.377570
	BYPL	0.426563	-37.389130
	NDPL	0.067958	-18.127213
	NDMC	1.095460	-17.548483
	MES	0.000000	0.000000
	Total	2.354358	-192.442395
PXI	BRPL	0.000000	-16.151396
	BYPL	0.000000	-0.282828
	NDPL	0.731180	-2.030265
	NDMC	0.000000	0.000000
	MES	0.000000	0.000000
	Total	0.731180	-18.464489

All figures are at Delhi Periphery




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