

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 05.07.2013

No. F.DTL/207/20013-14/DGM(SO)/EAC/03

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, 2nd Floor B-Block
BSES Bhawan, 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 June-13

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of June, 2013
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 Scheduled energy from Jhajjar to Discom. |
| Annexure-7 | Details of PLF & Incentive Energy of Rithala Generating Station. |
| Annexure-8 | Details of Energy booked to BRPL from TOWMCL plant |

CERC vide order dated 23.05.2012 in petieion no 332/2009 has issued the Tariff for BTPS for the period 01.04.2009 to 31.03.2014. DERC vide order dated 13.07.12 has issued the generation 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
DERC vide letter dated 04.09.12 & MoM held on 19.09.2012 in the chamber of GM(SLDC), SLDC started the scheduling of power from Rithala Generating Plant of TDDPL-G w.e.f 01.10.2012.

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 horizontal line.

Dy. General Manager(System Operation)

Copy for kind information:

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

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of June'13

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

Stations	Period	PAFM in %	PAFY in %
RPH	Apr'13	81.22	81.22
	May'13	57.19	69.00
	June'13	61.83	66.64
GT*	Apr'13	90.62	90.62
	May'13	87.34	88.95
	June'13	87.43	88.45
PPCL	Apr'13	90.31	90.31
	May'13	90.59	90.45
	June'13	80.33	87.11
Bawana	Apr'13	37.20	37.20
	May'13	92.52	65.31
	June'13	93.82	74.71
BTPS	Apr'13	93.51	93.51
	May'13	97.5	95.54
	June'13	99.35	96.79
Rithala**	Apr'13	89.17	89.17
	May'13	88.19	88.67
	June'13	87.22	88.19

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

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

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#1 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
 Associated WHRUnit#2 126.8MW (CoD on 14.02.2012 at 0.00 Hrs)

** COD of GT#1 & GT #2 with associated WHR unit comprising of total capacity 94.8 MW(31.6*3) of Rithal on combined cycle mode on 04.09.11

***GT swap the gas @ 18.83050 Mus to PPCL during the month of June'13

f/-

nikambhau

MANAGER(SO/EA)

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of June'13

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'13	33.370	22.340	21.880	15.320	7.090	
	May'13	33.370	22.340	21.880	15.320	7.090	
	June'13	33.370	22.340	21.880	15.320	7.090	
RPH	Apr'13	42.660	28.080	28.160	0.260	0.000	0.84
	May'13	42.660	28.080	28.160	0.260	0.000	0.84
	June'13	42.660	28.080	28.160	0.260	0.000	0.84
GT	Apr'13	42.990	28.460	28.280	0.270	0.000	
	May'13	42.990	28.460	28.280	0.270	0.000	
	June'13	42.990	28.460	28.280	0.270	0.000	
PPCL	Apr'13	31.760	21.440	20.770	26.030	0.000	
	May'13	31.760	21.440	20.770	26.030	0.000	
	June'13	31.760	21.440	20.770	26.030	0.000	
Rithala	Apr'13			100.000			
	May'13			100.000			
	June'13			100.000			

f/-



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DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of June'13

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'13	30.888	19.304	20.688	7.300	1.820	10	10
	May'13	30.888	19.304	20.688	7.300	1.820	10	10
	June'13	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

f/-



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DELHI TRANSCO LIMITED

State Load Despatch Centre

Provisional Energy Accounts for the month of June'13

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'13	33.370	22.340	21.880	15.320	7.090	
	May'13	33.370	22.340	21.880	15.320	7.090	
	June'13	33.370	22.340	21.880	15.320	7.090	
RPH	Apr'13	42.660	28.080	28.160	0.260	0.000	0.84
	May'13	42.660	28.080	28.160	0.260	0.000	0.84
	June'13	42.660	28.080	28.160	0.260	0.000	0.84
GT	Apr'13	42.990	28.460	28.280	0.270	0.000	
	May'13	42.990	28.460	28.280	0.270	0.000	
	June'13	42.990	28.460	28.280	0.270	0.000	
PPCL	Apr'13	31.760	21.440	20.770	26.030	0.000	
	May'13	31.760	21.440	20.770	26.030	0.000	
	June'13	31.760	21.440	20.770	26.030	0.000	
Rithala	Apr'13			100.000			
	May'13			100.000			
	June'13			100.000			

f/-



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State Load Despatch Centre
Provisional Energy Accounts for the month of June'13

E) 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'13	30.888	19.304	20.688	7.300	1.820	10	10
	May'13	30.888	19.304	20.688	7.300	1.820	10	10
	June'13	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

f/-



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DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of June'13

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

Stations	Licensees	Scheduled Energy
BTPS	BRPL	122.071798
	BYPL	81.690355
	NDPL	80.039884
	NDMC	56.074821
	MES	25.936142
	Total	365.813000
RPH*	BRPL	21.245835
	BYPL	14.025964
	NDPL	14.024589
	NDMC	0.123612
	MES	0.000000
	IP	0.720000
	Total	50.140000
GT(APM, PMT, RLNG)	BRPL	42.620286
	BYPL	28.224980
	NDPL	28.036792
	NDMC	0.257942
	MES	0.000000
	Total	99.140000
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 0.72 Mus was allocated for the month.

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DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of June'13

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

Stations	Licensees	Scheduled Energy
PPCL(APM, PMT,RLNG)	BRPL	54.044620
	BYPL	36.476249
	NDPL	35.343412
	NDMC	44.301400
	MES	0.000000
	Total	170.165680
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	28.356275
	BYPL	17.721754
	NDPL	18.992315
	NDMC	6.701658
	MES	1.670824
	PUNJAB	12.719225
	HARYANA	5.642300
	Total	91.804350
Bawana (S-RLNG)	BRPL	0.000000
	BYPL	0.000000
	NDPL	0.000000
	NDMC	0.000000
	MES	0.000000
	PUNJAB	0.000000
	HARYANA	0.000000
	Total	0.000000
Rithala(N- Gas)	NDPL	0.301000
Rithala(Spot)	NDPL	0.000000

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

$AFC \times (NDM/NDY) \times (PAFM/NAPAF)$ (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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DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of June'13

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

Stations	Unit No.	Date	From(Hrs)	Date	Upto(Hrs)
GTPS	1	17.06.2013	22.55	17.06.2013	23.15
		18.06.2013	20.15	18.06.2013	23.54
	3	07.06.2013	11.55	07.06.2013	12.30
		12.06.2013	7.56	12.06.2013	10.35
		17.06.2013	20.50	17.06.2013	23.45
		24.06.2013	8.16	24.06.2013	8.35
		28.06.2013	21.13	28.06.2013	23.15
	4	03.06.2013	11.58	03.06.2013	12.40
		12.06.2013	7.54	12.06.2013	10.35
		21.06.2013	9.22	21.06.2013	10.10
		29.06.2013	12.10	29.06.2013	12.40
	5	10.06.2013	7.47	10.06.2013	10.14
	6	07.06.2013	12.04	07.06.2013	12.25
		10.06.2013	7.52	10.06.2013	10.14
PPCL	2	14.05.2013	14.13	14.05.2013	14.49
	1	23.05.2013	14.56	23.05.2013	15.40
Bawana	1	18.06.2013	23.46	19.06.2013	0.27
		19.06.2013	2.30	20.06.2013	8.45
	2	03.06.2013	13.45	03.06.2013	15.30
		10.06.2013	12.38	10.06.2013	15.30
		20.06.2013	4.38	20.06.2013	8.45
		21.06.2013	10.54	21.06.2013	13.00
		27.06.2013	17.59	27.06.2013	18.42
29.06.2013	17.31	29.06.2013	18.29		
30.06.2013	14.58	30.06.2013	15.34		
Rithala		07.06.2013	12.05	07.06.2013	17.40

f/-



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DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of June'13

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

Energy Exchange	Licensees	Purchase	Sale
IEX	BRPL	0.016035	-87.098348
	BYPL	0.109760	-35.593885
	NDPL	0.395525	-64.725840
	NDMC	0.000000	-55.375310
	MES	0.000000	0.000000
	Total	0.521320	-242.793383
PXI	BRPL	0.039463	-1.003385
	BYPL	0.027565	-7.009195
	NDPL	0.000000	0.000000
	NDMC	0.000000	0.000000
	MES	0.000000	0.000000
	Total	0.067028	-8.0125800

All figures are at Delhi Periphery

f/-

mpelambharti

MANAGER(SO/EA)

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of June'13

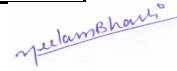
I) Details of Scheduled Energy to Discom (in Mus) from of Jhajjar(Aravli) Station for June'13

Station Name	Discom			
	BRPL	BYPL	NDPL	TOTAL DELHI
	in Mus	in Mus	in Mus	in Mus
Jhajjar	7.504603	1.176664	1.260975	9.942243

J) Details of Capacity Allocation to Discom from of Jhajjar(Aravli) Station for June'13

	BRPL	BYPL	NDPL	Total
Wt. avg. Allocation for the month of May'13 in % for Delhi Discom from Delhi Share	75.482	11.835	12.683	100
Wt. avg. Allocation for the month of June'13 in % for Delhi Discom from Station	8.90	1.40	1.49	11.790

f/-



MANAGER(SO/EA)

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of June'13

Annexure-6(contd..)

K) Details of Regulated Power Supply to Discom (in Mus) from NHPC Stations on the basis of final Account issued by NRPC.

Month→	May'13			
Station	BRPL	BYPL	NDPL	TOTAL DELHI
Name	in Mus	in Mus	in Mus	in Mus
DHAULIGNGA	7.207767	4.044385	4.826036	16.078188
SALAL	20.064292	11.574627	13.434321	45.073240
TANAKPUR	1.440567	0.792355	0.964543	3.197465

L) Details of Regulated Power Supply to Discom (in Mus) from NTPC Stations on the basis of final Account issued by NRPC.

Month→	Apr'13			
Station	BRPL	BYPL	NDPL	TOTAL DELHI
Name	in Mus	in Mus	in Mus	in Mus
Rihand-1	16.341866	9.609759	17.912392	43.864017

f/- *Manoj Kumar*
MANAGER(SO/EA)

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of June'13

O) Details of PLF & Incentive Energy on the basis of Scheduled generation for Rithala Genrating Stations

Stations	Licensees	Upto the month		upto this month		for the month	
		PLF in %	Incentive Energy in Mus	PLF in %	Incentive Energy in Mus	PLF in %	Incentive Energy in Mus
Rithala	NDPL	0	0.000000			0.000000	-52.665656

As far as Rithala is concerned, the tariff partition filed by TPDDL-G for determination of final Tariff ordre before the commission
The salient features are:

- | | | | |
|----|--|---|---|
| 1) | Normative Annual Plant Availability Factor | = | 80% |
| 2) | Auxilliary consumption | = | 3% on CC & 1% on OC |
| 3) | Station Heat rate | = | 3225 Kcal/Kwh on OC
22250 Kcal/Kwh on CC |

f/-



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DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of June'13

P) Details of Energy booked from TOWMCL to BRPL as per SEM

Month	From TOWMCL to BRPL* Energy in Mus(as per SEM)
June'13	7.377040

*TOWMCL declared Commercial Operation of the plant w.e.f 01.09.2012

Q) Details of net energy booked to BRPL under banking agreement from TOWMCL in the month of Apr'13

Month	Total Energy banked to BRPL at TOWMCL periphery in Mus	Energy sale in STOA in June'13 in lieu of banked energy at TOWMCL periphery in Mus	Net Energy booked to BRPL at TOWMCL periphery in Mus
Apr'13	10.099879	0.0000	10.099879

f/-

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MANAGER(SO/EA)