

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 06.08.2013

No. F.DTL/207/20013-14/DGM(SO)/EAC/04

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 July-13

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of July, 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, appearing to read "Venkatesh Reddy 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 July'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
	July'13	38.53	59.50
GT*	Apr'13	90.62	90.62
	May'13	87.34	88.95
	June'13	87.43	88.45
	July'13	87.08	88.10
PPCL	Apr'13	90.31	90.31
	May'13	90.59	90.45
	June'13	80.33	87.11
	July'13	93.68	88.78
Bawana	Apr'13	37.20	37.20
	May'13	92.52	65.31
	June'13	93.82	74.71
	July'13	98.35	80.72
BTSPS	Apr'13	93.51	93.51
	May'13	97.5	95.54
	June'13	99.35	96.79
	July'13	96.84	96.81
Rithala**	Apr'13	89.17	89.17
	May'13	88.19	88.67
	June'13	87.22	88.19
	July'13	89.17	88.44

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

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

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 @ 3.4745 Mus to PPCL during the month of July'13

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DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of July'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	
	July'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
	July'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	
	July'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	
	July'13	31.760	21.440	20.770	26.030	0.000	
Rithala	Apr'13			100.000			
	May'13			100.000			
	June'13			100.000			
	July'13			100.000			


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Provisional Energy Accounts for the month of July'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
	July'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



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Provisional Energy Accounts for the month of July'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	
	July'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
	July'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	
	July'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	
	July'13	31.760	21.440	20.770	26.030	0.000	
Rithala	Apr'13			100.000			
	May'13			100.000			
	June'13			100.000			
	July'13			100.000			



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



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

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

Stations	Licensees	Scheduled Energy
BTPS	BRPL	108.545769
	BYPL	72.659527
	NDPL	71.171155
	NDMC	49.840733
	MES	23.062317
	Total	325.279500
RPH*	BRPL	11.570918
	BYPL	7.642301
	NDPL	7.638399
	NDMC	0.064132
	MES	0.000000
	IP	0.744000
	Total	27.659750
GT(APM, PMT, RLNG)	BRPL	37.378831
	BYPL	24.752590
	NDPL	24.588819
	NDMC	0.227494
	MES	0.000000
	Total	86.947734
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 0.7440 Mus was allocated for the month.



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State Load Despatch Centre
Provisional Energy Accounts for the month of July'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	65.570758
	BYPL	44.258628
	NDPL	42.881129
	NDMC	53.746532
	MES	0.000000
	Total	206.457048
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	20.037210
	BYPL	12.522607
	NDPL	13.420416
	NDMC	4.735549
	MES	1.180644
	PUNJAB	4.036950
	HARYANA	2.773875
	Total	58.707250
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	0.000000
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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State Load Despatch Centre
Provisional Energy Accounts for the month of July'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	01.07.2013	18.05	01.07.2013	21.35	
		08.07.2013	8.55	08.07.2013	11.35	
		15.07.2013	8.00	15.07.2013	9.10	
		15.07.2013	10.40	15.07.2013	13.00	
		16.07.2013	20.35	16.07.2013	23.15	
		28.07.2013	0.12	28.07.2013	1.55	
	3	01.07.2013	17.23	01.07.2013	18.00	
		18.07.2013	20.40	18.07.2013	23.20	
		27.07.2013	21.45	27.07.2013	23.15	
		30.07.2013	20.53	30.07.2013	24.00	
	4	18.07.2013	23.27	18.07.2013	24.00	
	5	08.07.2013	9.15	08.07.2013	11.32	
		15.07.2013	8.55	15.07.2013	9.40	
	6	23.07.2013	21.15	23.07.2013	24.00	
		01.07.2013	17.25	01.07.2013	17.50	
		08.07.2013	9.01	08.07.2013	11.37	
		11.07.2013	19.50	11.07.2013	23.07	
		15.07.2013	6.24	15.07.2013	8.40	
	PPCL	1	02.07.2013	12.54	02.07.2013	15.02
			09.07.2013	19.50	09.07.2013	20.47
22.07.2013			12.26	22.07.2013	15.58	
23.07.2013			19.29	23.07.2013	20.05	
2		01.07.2013	17.40	01.07.2013	18.20	
		02.07.2013	13.55	02.07.2013	15.09	
		08.07.2013	12.48	08.07.2013	13.17	
		09.07.2013	19.03	09.07.2013	20.15	
		22.07.2013	11.52	22.07.2013	15.53	
		23.07.2013	16.28	23.07.2013	17.42	
Bawana			-Nil-			
Rithala			-Nil-			

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

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

Energy Exchange	Licensees	Purchase	Sale
IEX	BRPL	0.000000	-170.000390
	BYPL	0.000000	-60.553888
	NDPL	0.000000	-113.471610
	NDMC	0.000000	-48.285043
	MES	0.000000	0.000000
	Total		0.000000
PXI	BRPL	0.000000	-6.809273
	BYPL	0.000000	-29.673480
	NDPL	0.000000	-0.004250
	NDMC	0.000000	0.000000
	MES	0.000000	0.000000
	Total		0.000000

All figures are at Delhi Periphery

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

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

Station Name	Discom			
	BRPL	BYPL	NDPL	TOTAL DELHI
	in Mus	in Mus	in Mus	in Mus
Jhajjar	16.161413	2.533986	2.715551	21.410950

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

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



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

Annexure-6(contd..)

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

Month→	Feb'13			
Station	BRPL	BYPL	NDPL	TOTAL DELHI
Name	in Mus	in Mus	in Mus	in Mus
Rihand-1	21.647697	13.531053	16.383207	51.561957
Singrauli	33.933851	21.210604	25.718202	80.862657



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Annexure-7

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Provisional Energy Accounts for the month of July'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	-54.732211

As far as Rithala is concerned, the tariff partition filed by TPDDL-G for determination of final Tariff order 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 |

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Provisional Energy Accounts for the month of July'13

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

Month	From TOWMCL to BRPL* Energy in Mus(as per SEM)
July'13	9.975220

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

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

Month	Total Energy banked to BRPL at TOWMCL periphery in Mus	Energy sale in STOA in July'13 in lieu of banked energy at TOWMCL periphery in Mus	Net Energy booked to BRPL at TOWMCL periphery in Mus
May'13	8.857697	0.0000	8.857697


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