

**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 07.05.2013

No. F.DTL/207/20013-14/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, 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 April-13**

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of April, 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 Regulated Power Supply from NHPC,NTPC Stations & 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   |

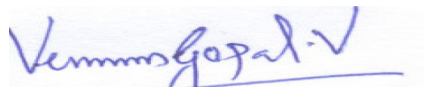
CERC vide order dated 23.05.2012 in petition no 332/2009 has issued the Tariff for BTPS for the period 01.04.2009 to 31.03.2014. DERC vide order dated 13.07.12 has issued the generation Tariff for IPGCL & PPCL for MYT Control period FY 12-13 to 14-15. Accordingly, the required parameters to drive out 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", with a horizontal line underneath.

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 April'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
GT*	Apr'13	90.62	90.62
PPCL	Apr'13	90.31	90.31
Bawana	Apr'13	37.20	37.20
BTPS	Apr'13	93.51	93.51
Rithala**	Apr'13	89.17	89.17

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

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

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&#2 216 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



**MANAGER(SO/EA)**

**DELHI TRANSCO LIMITED**  
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**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	0.84
RPH	Apr'13	42.660	28.080	28.160	0.260	0.000	
GT	Apr'13	42.990	28.460	28.280	0.270	0.000	
PPCL	Apr'13	31.760	21.440	20.770	26.030	0.000	
Rithala	Apr'13			100.000			



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**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

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




**MANAGER(SO/EA)**

## DELHI TRANSCO LIMITED

## State Load Despatch Centre

## Provisional Energy Accounts for the month of April'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	
RPH	Apr'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	
PPCL	Apr'13	31.760	21.440	20.770	26.030	0.000	
Rithala	Apr'13			100.000			



MANAGER(SO/EA)

**DELHI TRANSCO LIMITED**  
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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'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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**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
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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	125.663244
	BYPL	84.101409
	NDPL	82.394719
	NDMC	57.716924
	MES	26.414203
	Total	376.290500
RPH*	BRPL	29.799648
	BYPL	19.678444
	NDPL	19.671550
	NDMC	0.168358
	MES	0.000000
	IP	0.720000
	Total	70.038000
GT(APM, PMT, RLNG)	BRPL	53.891727
	BYPL	35.681127
	NDPL	35.451455
	NDMC	0.334442
	MES	0.000000
	Total	125.358750
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.




**MANAGER(SO/EA)**



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

Stations	Licensees	Scheduled Energy
<b>PPCL(APM, PMT,RLNG)</b>	BRPL	61.973050
	BYPL	41.832170
	NDPL	40.528345
	NDMC	50.795685
	MES	0.000000
	Total	195.129250
<b>PPCL (S-RLNG)</b>	BRPL	0.000000
	BYPL	0.000000
	NDPL	0.000000
	NDMC	0.000000
	MES	0.000000
	Total	0.000000
<b>Bawana(APM, PMT,RLNG)</b>	BRPL	5.331037
	BYPL	3.331726
	NDPL	3.570594
	NDMC	1.259925
	MES	0.314118
	PUNJAB	1.664675
	HARYANA	1.737175
	Total	17.209250
<b>Bawana (S-RLNG)</b>	BRPL	0.000000
	BYPL	0.000000
	NDPL	0.000000
	NDMC	0.000000
	MES	0.000000
	PUNJAB	0.000000
	HARYANA	0.000000
	Total	0.000000
<b>Rithala(N- Gas)</b>	NDPL	<b>0.000000</b>
<b>Rithala(Spot)</b>	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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**I) Details of Open Cycle Operation of GT stations (IPGCL & PPCL) in Delhi**

Stations	Unit No.	Date	From(Hrs)	Date	Upto(Hrs)
GTPS	1	01.04.2013	5.45	01.04.2013	9.15
		22.04.2013	5.47	22.04.2013	6.40
		30.04.2013	0.00	30.04.2013	2.05
	2	01.04.2013	5.35	01.04.2013	9.15
		09.04.2013	5.50	09.04.2013	8.25
		11.04.2013	11.45	11.04.2013	12.40
	3	30.04.2013	0.00	30.04.2013	2.15
		02.04.2013	7.30	02.04.2013	11.25
	4	22.04.2013	8.10	22.04.2013	11.45
		27.04.2013	3.15	27.04.2013	3.35
	6	22.04.2013	10.15	22.04.2013	10.58
		30.04.2013	0.40	30.04.2013	4.25
PPCL	1	17.04.2013	18.37	17.04.2013	20.00
		21.04.2013	11.44	21.04.2013	18.36
	2	07.04.2013	16.52	07.04.2013	17.17
		17.04.2013	18.37	17.04.2013	19.52
	23.04.2013	6.31	23.04.2013	7.57	
		26.04.2013	8.37	26.04.2013	8.59
Bawana	1	02.04.2013	8.39	02.04.2013	16.58
		12.04.2013	19.02	13.04.2013	13.40
	24.04.2013	13.42	24.04.2013	22.02	
	25.04.2013	8.57	27.04.2013	19.19	
	30.04.2013	2.58	30.04.2013	6.25	
Rithala			-Nil-		

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

Energy Exchange	Licensees	Purchase	Sale
IEX	BRPL	0.115923	-91.128300
	BYPL	1.650298	-109.848635
	NDPL	1.492128	-74.854973
	NDMC	0.000000	-70.100530
	MES	0.000000	0.000000
	Total	3.258348	-345.932438
PXI	BRPL	0.000000	-0.966930
	BYPL	0.000000	-3.920205
	NDPL	0.000000	0.000000
	NDMC	0.000000	0.000000
	MES	0.000000	0.000000
	Total	0.000000	-4.8871350

All figures are at Delhi Periphery




**MANAGER(SO/EA)**

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**L) Details of Regulated Power Supply to Discom ( in Mus ) from of NHPC Stations for April'13**

Station Name	Discom			
	BRPL	BYPL	NDPL	TOTAL DELHI
	in Mus	in Mus	in Mus	in Mus
BSIUL	1.649091	1.899644	2.034962	5.583698
CHAMERA1	3.484654	2.131969	3.549109	9.165733
CHAMERA2	3.612116	2.210839	3.803364	9.626320
DHAULIGNGA	1.881284	1.850472	1.982282	5.714038
DULHASTI	5.230383	5.050635	5.410392	15.691410
SALAL	6.955235	7.124214	7.631681	21.711130
SEWA2	2.020327	2.346371	2.513512	6.880210
TANAKPUR	0.454668	0.485636	0.520229	1.460533
URI	8.887232	10.409500	11.151008	30.447740

Note:- Regulation of Power supply from NHPC Station in line with Regulation 10 of CERC ( Regulation of Power supply),2010 NHPC implemented the Regulation of Power as detailed here under.

- 1) 0:00 Hrs of 22.06.12 on BRPL & BYPL (Except Chamera-3)
- 2) 0:00 Hrs of 28.06.12 on BRPL. Only (Except Chamera-3)
- 3) 0:00 Hrs of 01.11.12 on BRPL.(Except Chamera-3) & BYPL(All NHPC Stns)
- 4) 0.00 Hrs of 15.01.2013 on BRPL only (Except Chamera-3).
- 5)0.00 Hrs of 26.02.2013 on BRPL(Except Chamera-3) & on BYPL from Chamera-1 & 2 only
- 6) from 13.04.13 & 14.04.13 regulation removed from BRPL & BYPL by PGCIL
- 7) From 15.04.13 regulation removed from BRPL by NHPC

**M) Details of Regulated Power Supply to Discom ( in Mus ) from of NTPC Stations for April'13**

Station Name	Discom			
	BRPL	BYPL	NDPL	TOTAL DELHI
	in Mus	in Mus	in Mus	in Mus
Rihand-01	16.340534	9.608976	17.910932	43.860442
Rihand-02	21.117071	12.397989	24.364965	57.880025
Singrauli	17.778910	10.502342	22.201466	50.482718
Dadri(Th)-2	178.7478921	74.391188	142.972322	396.111403

- 1)From 0.00 Hrs of 26.02.2013 on BRPL & BYPL by PGCIL
- 2)From 13.04.13 & 14.04.13 regulation removed from BRPL & BYPL by PGCIL.

**N) Details of Scheduled Energy to Discom ( in Mus ) from of Jhajjar(Aravli) Station for April'13**

Station Name	Discom			
	BRPL	BYPL	NDPL	TOTAL DELHI
	in Mus	in Mus	in Mus	in Mus
Jhajjar	10.075165	0.890715	0.954150	11.920030

**O) Details of Capacity Allocation to Discom from of Jhajjar(Aravli) Station for April'13**

	BRPL	BYPL	NDPL	Total
Wt. avg. Allocation for the month of Apr'13 in % for Delhi Discom from Delhi Share	54.147	22.136	23.717	100
Wt. avg. Allocation for the month of Apr'13 in % for Delhi Discom from Station	10.069	4.116	4.410	18.595




MANAGER(SO/EA)

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**P) 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	-25.491906

As far as Rithala is concerned, the tariff patition 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<br>22250 Kcal/Kwh on CC |




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

Month	From TOWMCL to BRPL* Energy in Mus(as per SEM)
April'13	10.099879

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

**R) Details of net energy booked to BRPL under banking agreement from TOWMCL in the month of Feb'13**

Month	Total Energy banked to BRPL at TOWMCL periphery in Mus	Energy sale in STOA in April'13 in lieu of banked energy at TOWMCL periphery in Mus	Net Energy booked to BRPL at TOWMCL periphery in Mus
Feb'13	7.591398	0.0000	7.591398



**MANAGER(SO/EA)**