

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 07.10.2013

No. F.DTL/207/20013-14/DGM(SO)/EAC/06

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 Sept-13**

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of Sept, 2013

The energy accounts contain the following

- | | |
|------------|---|
| Annexure-1 | Plant availability factor monthly of Generating stations(PAFM). |
| Annexure-2 | Monthly weighted average entitlement of Distribution licensees |
| Annexure-3 | Energy scheduled to beneficiaries from generating stations |
| Annexure-4 | Details of Open Cycle operation of G.T.Stations in Delhi (PPCL ,Bawana,Rithala & IPGCL) |
| Annexure-5 | Details of PLF & Incentive Energy of Rithala Generating Station. |
| Annexure-6 | 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 Sept'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
	Aug'13	60.48	59.70
	Sept'13	46.37	57.51
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
	Aug'13	90.05	88.50
	Sept'13	89.33	88.64
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
	Aug'13	95.37	90.11
	Sept'13	91.74	90.38
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
	Aug'13	99.64	84.55
	Sept'13	99.64	87.03
BTPS	Apr'13	93.51	93.51
	May'13	97.5	95.54
	June'13	99.35	96.79
	July'13	96.84	96.81
	Aug'13	95.71	96.58
	Sept'13	92.44	95.90
Rithala**	Apr'13	89.17	89.17
	May'13	88.19	88.67
	June'13	87.22	88.19
	July'13	87.22	88.19
	Aug'13	89.17	88.59
	Sept'13	89.17	88.69

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 @ 0.0 Mus to PPCL during the month of Sept'13

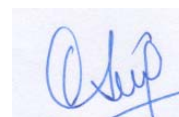


MANAGER(SO/EA)

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Sept'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	
	Aug'13	33.230	20.520	21.820	17.340	7.090	
	Sept'13	33.200	20.170	21.810	17.730	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
	Aug'13	43.570	26.860	28.690	0.040	0.000	0.84
	Sept'13	43.760	26.620	28.780	0.000	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	
	Aug'13	43.970	27.090	28.900	0.040	0.000	
	Sept'13	44.160	26.820	29.020	0.000	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	
	Aug'13	30.940	19.140	20.310	29.610	0.000	
	Sept'13	30.780	18.700	20.220	30.300	0.000	
Rithala	Apr'13			100.000			
	May'13			100.000			
	June'13			100.000			
	July'13			100.000			
	Aug'13			100.000			
	Sept'13			100.000			



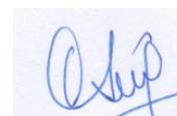
MANAGER(SO/EA)

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Sept'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
	Aug'13	30.888	19.304	20.688	7.300	1.820	10	10
	Sept'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 Sept'13

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

Stations	Licensees	Scheduled Energy
BTPS	BRPL	104.237210
	BYPL	63.327245
	NDPL	68.476312
	NDMC	55.666438
	MES	22.260296
	Total	313.967500
RPH*	BRPL	16.894223
	BYPL	10.275185
	NDPL	11.110843
	NDMC	0.000000
	MES	0.000000
	IP	0.720000
	Total	39.000250
GT(APM, PMT, RLNG)	BRPL	38.453424
	BYPL	23.354186
	NDPL	25.269891
	NDMC	0.000000
	MES	0.000000
Total	87.077500	
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.



MANAGER(SO/EA)

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Sept'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	59.546219
	BYPL	36.176553
	NDPL	39.117107
	NDMC	58.617623
	MES	0.000000
	Total	193.457500
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	52.173645
	BYPL	32.606839
	NDPL	34.944586
	NDMC	12.330601
	MES	3.074205
	PUNJAB	11.257250
	HARYANA	1.965125
	Total	148.352250
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

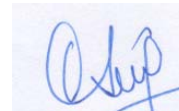
As per DERC Tariff order dated 13.07.12 regarding IPGCL & PPCL Generating Stations for MYT control Period FY 2012-13 to 2014-15 , & CERC Tariff Regulation for 2009-14 for BTPS & Bawana, the salient features are as under.

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
 $AFC * (NDM / NDY) * (PAFM / NAPAF)$ (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 %



MANAGER(SO/EA)

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

H) Details of Open Cycle operation of G.T.Stations in Delhi

Stations	Unit No.	Date	From(Hrs)	Date	Upto(Hrs)	
GTPS	1	09.05.2013	10.53	09.05.2013	15.45	
		12.09.2013	21.27	12.09.2013	22.05	
		13.09.2013	9.05	13.09.2013	12.04	
	3	11.09.2013	11.55	11.09.2013	14.15	
		12.09.2013	15.06	12.09.2013	18.20	
		24.09.2013	8.48	24.09.2013	10.20	
		09.11.2013	11.56	09.11.2013	14.15	
	4	12.09.2013	15.05	12.09.2013	19.33	
		13.09.2013	9.14	13.09.2013	11.13	
		19.09.2013	9.27	19.09.2013	10.01	
		24.09.2013	7.40	24.09.2013	10.20	
	5	04.09.2013	15.00	04.09.2013	18.00	
	6	04.09.2013	15.15	04.09.2013	18.00	
	PPCL	1	03.09.2013	14.14	03.09.2013	14.51
			10.09.2013	0.34	10.09.2013	1.32
			29.09.2013	16.30	29.09.2013	17.21
		2	03.09.2013	13.18	03.09.2013	14.25
			10.09.2013	0.34	10.09.2013	2.15
24.09.2013			9.44	24.09.2013	10.13	
Bawana			-Nil-			
Rithala			-Nil-			



MANAGER(SO/EA)

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

J) 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	-52.966656

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



MANAGER(SO/EA)

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

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

Month	From TOWMCL to BRPL* Energy in Mus(as per SEM)
Sept'13	7.657163

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

** As per Banking agreement 50% of the total Energy i.e.3.828582 is to be treated as banked energy to BRPL by TOWMCL



MANAGER(SO/EA)