



No. F.DTL/207/2021-22/Mgr(SO)/EAC/539

Dated: 03.12.2021

TO,

G. Manager (Commercial)NTPC, Noida (Fax No. : 95120-2410056)
G. Manager (BTPS), (Fax No. : 95120-2410056)
Managing Director (IPGCL)
Managing Director (PPCL)
Head, PMG, BYPL
Head, PMG, BRPL
MD, TPDDL, Kingsway Camp, N Delhi-09
Director (Commercial), NDMC
G.E.(U),Electric Supply
Pr. Chief Electrical Enginner/NR,Headquater Office, Baroda House, N. Delhi
SE (Commercial), NRPC

Sub.: **Provisional Intra-State ABT based Energy Account for the month of Nov 2021.**

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of Nov-2021.

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 & Incentive Energy 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 Energy booked from TOWMCL plant ,East Delhi MSW & MSW Bawana.
Annexure-6 Details of Energy scheduled from Energy Exchanges.
Annexure-7 Details of Energy Requisition from ISGS below 85% of Entitelment

The Accounts are posted in SLDC website also.

This is for your information and further necessary action please.

Encl: As above

Manager(EA/SO)

Copy for kind information:

The Secretary, DERC
CEO, BSES Rajdhani Power Ltd,BSEB Bhavan, N Delhi-19
CEO, BSES Yamuna Power Ltd, Shakti Kiran Bldg, N. Delhi-92
GM(T),SLDC
DGM(T) TO DIR (OPERATION)
G.M.(O&M-I),DTL
G.M.(O&M-II),DTL
G.M.(C&RA),DTL
D.G.M.(SO)
D.G.M.(SCADA)

DELHI TRANSCO LIMITED Intra
State Load Despatch Centre

Provisional Energy Accounts for the month of Nov'21

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

Stations	Period	PAFM in %	PAFN in %
GT	Apr'21	56.64	56.64
	May'21	45.85	51.15
	June'21	23.22	41.94
	July'21	0.00	31.29
	Aug'21	0.00	24.95
	Sept'21	0.00	20.86
	Oct'21#	59.63	29.82
	Nov'21	63.42	33.58
PPCL	Apr'21	85.93	85.93
	May'21	97.43	91.78
	June'21	93.91	92.48
	July'21	91.68	92.28
	Aug'21	90.47	91.91
	Sept'21	70.23	88.36
	Oct'21	87.37	88.21
	Nov'21	100.60	89.74

Stations	Period	Season	Peak Hour		Off-Peak Hour		PAFM in %	PAFN in %
			PAFM in %	PAFMpn in %	PAFM in %	PAFMopn in %		
Bawana	Apr'21 *	Low Demand	91.19	91.19	91.24	91.24	91.15	91.15
	May'21**	Low Demand	95.52	93.60	96.25	93.79	96.20	93.72
	June'21***	High Demand	97.08	97.08	96.32	96.32	96.45	96.45
	July'21***	High Demand	93.87	95.45	93.46	94.87	93.53	94.97
	Aug'21***	High Demand	96.36	95.76	95.53	95.09	95.67	95.20
	Sept'21****	Low Demand	96.36	94.51	95.69	94.41	95.80	94.40
	Oct'21****	Low Demand	94.41	94.48	92.91	94.03	93.16	94.09
	Nov'21*****	Low Demand	94.49	94.48	93.89	94.00	93.99	94.07

* Peak Hrs are 18:30 to 21:30 & 22:00 to 23:00 hrs

**Peak Hrs are 19:00 to 23:00 hrs

***Peak Hrs are 19:30 to 23:30 hrs

****Peak Hrs are 18:30 to 22:30 hrs

*****Peak Hrs are 17:15 to 21:15 hrs

The PAFM & PAFN shall be calculated with the following formula as per CERC Regulation for FY 19-20 to FY 23-24 dated 07.04.2019.

$$\text{PAFM or PAFN} = \frac{10000 \sum_{i=1}^n \text{Dci} / \{N \cdot \text{IC} \cdot (100 - \text{Aux})\}}{\%}$$

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 %

PAFN = Plant Availability factor Achieved during upto the end of month in %

PAFMpn = Plant Availability Factor achieved during Peak Hours upto the end of nth Month in a Season

PAFMopn = Plant Availability Factor achieved during Off-Peak Hours upto the end of nth Month in a Season

The capacity charge payable to a thermal generating station for a calendar month for Generating Stn covered under CERC Regulation month shall be calculated in accordance with the following formulae:

$$\text{Cap.Charge for the Year (CCy)} = \text{Sum of Cap.Charge for 3 months of High Demand Season} + \text{Sum of Cap.Charge for 9 months of Low Demand Season}$$

$$\text{Cap.Charge for the Month (CCm)} = \text{Cap.Charge for Peak Hours of the Month (CCp)} + \text{Cap.Charge for Off-Peak Hours of the Month (CCop)}$$

Availability for GTPS for the month of Oct'21 revised on account of an inadvertent error.

DELHI TRANSCO LIMITED Intra
State Load Despatch Centre
Provisional Energy Accounts for the month of Nov'21

B) Weighted Avg. Entitlement of Distribution Licensees based on DERC order on re-assignment of PPAs

Stations	Period	BRPL	BYPL	TPDDL	NDMC	MES	IP	RPH
GT	Apr'21	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	May'21	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	June'21	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	July'21	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Aug'21	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Sept'21	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Oct'21	41.652	22.812	29.753	4.959	0.000	0.000	0.824
	Nov'21	41.533	22.744	29.667	4.945	0.000	0.000	1.111
PPCL	Apr'21	28.290	16.070	19.280	30.300	6.060		
	May'21	28.290	16.070	19.280	30.300	6.060		
	June'21	28.290	16.070	19.280	30.300	6.060		
	July'21	28.290	16.070	19.280	30.300	6.060		
	Aug'21	28.290	16.070	19.280	30.300	6.060		
	Sept'21	28.290	16.070	19.280	30.300	6.060		
	Oct'21	28.290	16.070	19.280	30.300	6.060		
	Nov'21	28.290	16.070	19.280	30.300	6.060		

Weighted Avg. entitlement of beneficiaries from Bawana CCGT as per DERC order

Stations	Period	BRPL	BYPL	TPDDL	NDMC	MES	HYN	PUNJAB
Bawana	Apr'21	31.13	18.00	21.75	7.30	1.82	10	10
	May'21	31.13	18.00	21.75	7.30	1.82	10	10
	June'21	31.13	18.00	21.75	7.30	1.82	10	10
	July'21	31.13	18.00	21.75	7.30	1.82	10	10
	Aug'21	31.13	18.00	21.75	7.30	1.82	10	10
	Sept'21	31.13	18.00	21.75	7.30	1.82	10	10
	Oct'21	31.13	15.60	21.75	9.70	1.82	10	10
	Nov'21	31.13	15.60	21.75	9.70	1.82	10	10

* Allocation revised as per DERC Tariff order for FY21-22

As per CEA & BTPS vide their letter dated 02.11.18 & 15.11.18 regarding decommissioning of all the units of BTPS w.e.f 15.10.18 of 24:00 Hrs, the Availability of BTPS consider only upto 15.10.18.

#Allocation from GT(for the Capacity @90 MW) w.e.f 1.04.2021 is as per DERC vide order dated 28.03.2021.

#Allocation from GT(for the Capacity @270 MW) w.e.f 10.10.21 to 21.10.2021 is as per DERC vide orders dated 09.10.21 & 21.10.21.

#Allocation from Bawana w.e.f 1.10.2021 to 31.03.2022 is as per DERC vide order dated 30.09.2021.

DELHI TRANSCO LIMITED Intra
State Load Despatch Centre
Provisional Energy Accounts for the month of Nov'21

Weighted Avg. entitlement of beneficiaries from MSW Bawana as per DERC order

Stations	Period	BRPL	BYPL	TPDDL	NDMC
MSW Bawana	Nov'21	41.810	23.900	29.200	5.090

Cum. Weighted Avg. entitlement of beneficiaries from PPCL& Bawana CCGT

Stations	Period	BRPL	BYPL	TPDDL	NDMC	MES	HYN	PUNJAB
Bawana	Upto Nov'21	31.130	17.400	21.750	7.900	1.820	10	10
PPCL	Upto Nov'21	28.2900	16.0700	19.2800	30.3000	6.0600		

Cum. Weighted Avg. entitlement of beneficiaries from GT

Stations	Period	BRPL	BYPL	TPDDL	NDMC	MES	IP	RPH
GT	Upto Nov'21	41.549	22.753	29.677	4.946	0.000	0.000	1.075

* 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 on Open Cycle of GT#3 of Module-2 of BAWANA on 28/10/13 at 0.00 Hrs
 COD on Open Cycle of GT#4 of Module-2 of BAWANA on 27/02/14 at 0.00 Hrs
 COD on combined Cycle of complete Module-2 of Bawana on 27.03.2014 at 00.00 Hrs(WHR unit of 253.06 MW declared in Commercial Operation w.e.f 27.03.2014).

*** Operation of BTPS plant has been discontinued from 15th October 2018 as per GNTCTD order dated 12.11.18

**** As per GNCTD order dated 26.08.2019 @ 1 MW allocated from GT to RPH for decommissioning & withdraw the 0.35 MW allocated power to IP from GT w.e.f 01.09.2019

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Nov'21

C) Weighted Avg. entitlement of Distribution Licensees from ISGS

Stations	Total share in %	BRPL	BYPL	TPDDL	NDMC	BTPS
ANTA GPP	10.500	4.612	2.667	3.221		
AURIYAGPP	10.860	4.770	2.758	3.332		
BAIRASIUL	11.000	4.831	2.794	3.375		
CHAMERAHEP	7.900	3.470	2.007	2.423		
CHAMERA-II HEP	13.330	5.854	3.386	4.090		
CHAMERA-III HEP	12.734	5.593	3.234	3.907		
DADRI GPP	10.960	4.814	2.783	3.363		
DADRI TPS	90.000	66.580	7.348	1.191	14.881	
DADRI-II TPS	74.355	55.469	17.868	1.019		
DHAULIGANGA	13.210	5.802	3.355	4.053		
DULAHSTI HEP	12.830	5.635	3.259	3.936		
JHAJJAR	46.200	0.6653	4.6154	40.9193		
KOLDAM HEP	0.000	0.000	0.000	0.000		
KOTESHWAR	9.860	6.835	0.000	3.025		
NAPP	10.680	7.403	0.000	3.277		
NATHPA JHAKHAR	9.470	4.1592	2.4054	2.9054		
RAPP C	12.690	5.574	3.223	3.893		
RIHAND STPS	10.000	6.932	0.000	3.068		
RIHAND-II STPS	12.600	5.534	3.200	3.866		
RIHAND-III STPS	13.191	7.817	5.374	0.000		
SEWA-II HEP	13.330	5.855	3.385	4.090		
SINGRAULI	7.500	1.482	3.717	2.301		
SALAL HEP	11.620	8.669	2.951	0.000		
TEHRI HEP	6.300	4.367	0.000	1.933		
TANAKPUR	12.810	5.626	3.254	3.930		
UNCHAHAR-I	5.710	2.508	1.450	1.752		
UNCHAHAR-II	11.190	4.9146	2.8423	3.4331		
UNCHAHAR-III	13.810	6.0654	3.5077	4.2369		
URI HEP-I	11.040	4.849	2.804	3.387		
PARBATI-III	12.730	5.591	3.233	3.906		
URI HEP-II	13.452	5.908	3.417	4.127		
FARAKKA	1.390	0.610	0.353	0.427		
KAHALGAON-I	6.070	2.666	1.542	1.862		
KAHALGOAN-II	10.490	4.607	2.665	3.218		
SASAN	11.250	1.6686	8.8911	0.6903		
SINGRAULI HY	19.130	0.0000	0.0000	19.130		

The allocation from Sasan, Singrauli, Dadri(Th)-I & Jhajjar was revised w.e.f. 01.08.2014 as per DERC order for FY14-15 & further allocation from sasan, BTPS & GT are revised w.e.f 08.10.2015 as per DERC Tariff order for FY 15-16. The swapping of power b/w TPDDL & BYPL from Sasan & BTPS as done by DERC vide Tariff order for FY 15-16 has been stayed by ATE & stay is implemented w.e.f 04.05.16 with the direction of DERC

*Allocation from GT, Dadri(th)-I&II, Sasan, Aravli Jhajjar, Rihand-I, NAPP & all NHPC Stns has been changed as per DERC order dated 27.03.18 w.e.f 01.04.2018

**Allocation from Singrauli Hydro to TPDDL as per NRPC Allocation order w.e.f. 08.03.2018

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Nov'21

D) Cum. Weighted Avg. entitlement of Distribution Licensees from ISGS

Stations	Total share in %	BRPL	BYPL	TPDDL	NDMC	BTPS
ANTA GPP	10.500	4.612	2.667	3.221		
AURIYAGPP	10.860	4.770	2.758	3.332		
BAIRASIUL	11.000	4.831	2.794	3.375		
CHAMERAHEP	7.900	3.470	2.007	2.423		
CHAMERA-II HEP	13.330	5.854	3.386	4.090		
CHAMERA-III HEP	12.734	5.593	3.234	3.907		
DADRI GPP	10.960	4.814	2.783	3.363		
DADRI TPS	90.000	66.580	7.348	1.191	14.881	
DADRI-II TPS	74.355	55.469	17.868	1.019		
DHAULIGANGA	13.210	5.802	3.355	4.053		
DULAHSTI HEP	12.830	5.635	3.259	3.936		
JHAJJAR	46.200	0.6653	4.6154	40.9193		
KOLDAM HEP	0.000	0.000	0.000	0.000		
KOTESHWAR	9.860	6.835	0.000	3.025		
NAPP	10.680	7.403	0.000	3.277		
NATHPA JHAKP	9.470	4.1592	2.4054	2.9054		
RAPP C	12.690	5.574	3.223	3.893		
RIHAND STPS	10.000	6.932	0.000	3.068		
RIHAND-II STPS	12.600	5.534	3.200	3.866		
RIHAND-III STPS	13.191	7.817	5.374	0.000		
SEWA-II HEP	13.330	5.855	3.385	4.090		
SINGRAULI	7.500	1.482	3.717	2.301		
SALAL HEP	11.620	8.669	2.951	0.000		
TEHRI HEP	6.300	4.367	0.000	1.933		
TANAKPUR	12.810	5.626	3.254	3.930		
UNCHAHAAR-I	5.710	2.508	1.450	1.752		
UNCHAHAAR-II	11.190	4.9146	2.8423	3.4331		
UNCHAHAAR-III	13.810	6.0654	3.5077	4.2369		
URI HEP-I	11.040	4.849	2.804	3.387		
PARBATI-III	12.730	5.591	3.233	3.906		
URI HEP-II	13.452	5.908	3.417	4.127		
FARAKKA	1.390	0.610	0.353	0.427		
KAHALGAON-I	6.070	2.666	1.542	1.862		
KAHALGAON-II	10.490	4.607	2.665	3.218		
SASAN	11.250	1.6686	7.7708	1.8106		
SINGRAULI HY	19.130	0.0000	0.0000	19.130		

* Allocation from Talcher to BTPS @2MW withdraw w.e.f 31.08.2020 from 17.00 Hrs

Intra
DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Nov'21

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

Stations	Licensees	Scheduled Energy
GT(APM, PMT,RLNG)	BRPL	10.278427
	BYPL	3.317323
	TPDDL	6.393019
	NDMC	0.869206
	RPH	0.271900
	Total	21.129875
GT(S-RLNG)	BRPL	0.000000
	BYPL	0.000000
	TPDDL	0.000000
	NDMC	0.000000
	RPH	0.000000
	Total	0.000000
PPCL(APM, PMT,RLNG)	BRPL	32.165008
	BYPL	11.652331
	MES	5.889690
	NDMC	29.154217
	TPDDL	18.856004
	Total	97.717250

*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.,Further as per GNCTD order dt 26.07.2016 w.e.f 01.09.2016 onwards, 0.35MW Auxillary Power reallocated to IP from GT in place of RPH.

* PPCL & GT stns are scheduled under System / Transmission constrains of Delhi as per MoM dated 14.09.18. As per DERC Business Plan Regulation 2019 IPGCL & PPCL Generating Stations for MYT control Period FY 2020-21 & CERC Tariff Regulation for 2014-19 for Bawana, the salient feautres are as under.

Details of Tariff component		PPCL	GT	Bawana
Normative Annual Plant Availabilty Factor in %		85	85	85
SHR in Kcal/Kwh	Closed Cycle	2000	2450	1845
	Open Cycle	2900	3125	2756
Aux. Cons in %	Closed Cycle	2.75	2.75	2.75
	Open Cycle	1	1	1

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Nov'21

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

Stations	Licensees	Scheduled Energy
PPCL (S-RLNG)	BRPL	6.993131
	BYPL	2.278126
	MES	0.986307
	NDMC	4.123767
	TPDDL	3.669669
	Total	18.051000
Bawana(APM, PMT)	BRPL	69.908897
	BYPL	31.057611
	MES	5.282150
	NDMC	17.036745
	TPDDL	42.093409
	HARYANA	22.323318
	PUNJAB	20.486870
Total	208.189000	
Bawana (RLNG)	BRPL	9.094756
	BYPL	0.010526
	MES	0.012487
	NDMC	0.006545
	TPDDL	0.014686
	HARYANA	0.003000
	PUNJAB	0.003000
Total	9.145000	
Bawana (S-RLNG)	BRPL	3.240351
	BYPL	0.006268
	MES	0.000733
	NDMC	0.003902
	TPDDL	0.008745
	HARYANA	0.000000
	PUNJAB	0.000000
Total	3.260000	

Note : Refer to Minutes of Meeting held on 06.07.2020 regarding Bawana.

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Nov'21

G) Details of Energy Scheduled to the Licensees (in Mus) from ISGS

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC	N. Railway
ANTA GF	0.000000	0.000000	0.000000	0.000000		
ANTA RF	0.004185	0.000000	0.000000	0.004185		
ANTA CRF	0.000000	0.000000	0.000000	0.000000		
AURIYA CRF	0.000000	0.000000	0.000000	0.000000		
AURIYA GF	0.000000	0.000000	0.000000	0.000000		
AURIYA LF	0.000000	0.000000	0.000000	0.000000		
AURIYA RF	0.009865	0.000000	0.000000	0.009865		
BAIRASIUL	2.371872	1.041726	0.602455	0.727690		
CHAMERAHEP	4.313889	1.894660	1.095728	1.323501		
CHAMERA-II HEP	5.444988	2.391439	1.383027	1.670522		
CHAMERA-III HEP	4.190943	1.840662	1.064499	1.285781		
DADRI CRF	0.001670	0.000000	0.001670	0.000000		
DADRI GF	0.000000	0.000000	0.000000	0.000000		
DADRI LF	0.000000	0.000000	0.000000	0.000000		
DADRI RF	0.001420	0.000000	0.000000	0.001420		
DADRI TPS	0.000000	0.000000	0.000000	0.000000	0.000000	
DADRI-II TPS	19.664665	15.971471	3.375943	0.317251	0.000000	
DHAULIGANGA	9.139603	4.014114	2.321459	2.804030		
DULAHSTI HEP	13.594183	5.970565	3.452923	4.170695		
JHAJJAR	283.230109	55.147901	1.033443	227.048765		
ANTA LF	0.000000	0.000000	0.000000	0.000000		
KOTESHWAR	6.6936174	4.6400156	0.0000000	2.0536018		
NAPP	29.619117	20.531972	0.000000	9.087145		
NAPTHA JHAKHARA	29.669868	13.031006	7.536146	9.102715		
RAPP C	21.779857	9.565713	5.532084	6.682060		
RIHAND STPS	59.649989	39.814225	0.000000	19.835764		
RIHAND-II STPS	69.665726	30.257562	16.077796	23.330368		
RIHAND-III STPS	80.591966	50.835970	29.755996	0.000000		
SEWA-II HEP	0.000000	0.000000	0.000000	0.000000		
SINGRAULI	78.482312	15.877012	36.004454	26.600846		
SALAL HEP	11.392248	8.498617	2.893631	0.000000		
TEHRI HEP	12.6913057	8.7976131	0.0000000	3.8936926		
TANAKPUR	7.089043	3.113508	1.800617	2.174919		
UNCHAHAHAR-I	0.000000	0.000000	0.000000	0.000000		
UNCHAHAHAR-II	17.843077	11.159766	2.352321	4.330989		
UNCHAHAHAR-III	13.062567	7.881903	1.934443	3.246221		
URI HEP	17.234268	7.569291	4.377504	5.287473		
URI -II HEP	12.520908	5.499183	3.180311	3.841415		
TALA	9.300304	4.084694	2.362277	2.853333		
PARBATI-III	2.598344	1.141193	0.659979	0.797172		
FARAKA	9.570949	5.440568	1.383905	2.746476		
KAHALGAON-I	21.091667	10.378433	4.158588	6.554646		
KAHALGAON-II	80.886577	37.169291	17.394671	26.322615		
SASAN	295.506151	43.804615	233.547240	18.154296		
Nabinagar STPS(BRBCL)	2.936768					2.936768
SINGRAULI HY	0.000000			0.000000		

* All Hydro, Nuclear & Renewable stns scheduled by RLDC under must run stns vide MoM dated 14.09.18.

** Energy from Tala based on implemented schedule issued by NRLDC

*** Energy from BRBCL scheduled from 15.01.2020 to N Railway.

Note: The above Scheduled energy include the URS energy booked to Delhi Discoms.

DELHI TRANSCO LIMITED
State Load Despatch Centre ^{Intra}

Provisional Energy Accounts for the month of Nov'21

G) Details of Energy Scheduled to the Licensees (in Mus) from Long term Bilaterals/Medium Term

Stations	Total in MUs	BRPL	BYPL	TPDDL	NDMC	Railway
DVC(LT-3) at Ex-NRperiphery	149.604470	75.369346	29.371079	44.864046		
DVC(LT-3) at Ex-NR State	144.466912	72.781092	28.362448	43.323372		
DVC(MEJIA)(LT-4) at Ex-NR Per	48.432675	26.940745	8.099976	13.391954		
DVC(MEJIA)(LT-2012_07) at Ex-	46.768575	26.015087	7.821669	12.931820		
DVC(MEJIA7)(LT-8) at NR Per	50.011488		50.0114880			
DVC(MEJIA7)(LT-8) at NR State periphery2012	48.282490		48.2824900			
Haryana CLP Jhajjar(LT-5) at EX-NR per	41.906840			41.9068400		
Haryana CLP Jhajjar(LT-5) at EX-NR State	40.453710			40.4537100		
DVC(MPL-DVC)(LT-6) at Ex-NR per	168.932745			168.9327450		
DVC(MPL-DVC)(LT-2012_04) at Ex-	163.132665			163.1326650		
Himachal(LT-59) at Ex-NR	1.7294080			1.7294080		
Himachal(LT-59) at Ex-NR state per	1.6706620			1.6706620		
Tuticorin_GIREL (L_NR_2018_61)	6.6918680	6.6918680				
Nanti Hyd (L_NR_2019_11)	1.7100650			1.7100650		
Nanti Hyd (L_NR_2019_11) at NR State per	1.6521720			1.6521720		
SEISPPL-MP (L_NR_2019_19) at NR & state PP	23.3543080			23.3543080		
Tarenda Hyd, HP(L_NR2020_02)at NR PP	2.1774750			2.1774750		
Tarenda Hyd, HP(L_NR2020_02)at State PP	2.1032880			2.1032880		
Alfanar wind SECI-3(L_NR2020_05,06 & 07) at NR & state PP	27.2025640	16.3236780	5.4412080	5.4376780		
ERCPL(L_NR_2021_12 & 13)	47.9799305	39.3373785	8.6425520			
Azure Power(L_NR_2021_14&15)	7.0630500	3.7823280	3.2807220			
SBSRPC11PL_BKN (2021_16&17)	4.0818300		1.3608700	2.7209600		
SECI at NR & state	8.5103090	2.939875	2.889442	2.680992		

* Power is scheduled to Northern Railway (as deemed licensee of Delhi) from JITPL under MTOA w.e.f. 31.03.2018

* Power is scheduled to BRPL, BYPL & TPDDL from Alfanar wind Seci w.e.f. 29.07.2020

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J) Details of Cum. Incentive Energy Scheduled to the Licensees (in Mus) from ISGS

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC
RIHAND-I STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-II STP	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-III STP	56.7601558	33.4394756	23.3206802	0.0000000	

J1) INCENTIVE ENERGY FOR PEAK HOURS BEYOND TARGET PLF FOR Thermal Stations (Low Demnd season)

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC
RIHAND-I STPS	4.5763261	3.1330019	0.0000000	1.4433242	
RIHAND-II STP	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-III STP	8.3340637	4.8895783	3.4444854	0.0000000	
SINGRAULI	0.0000000	0.0000000	0.0000000	0.0000000	
UNCHAHAAR-I	0.0000000	0.0000000	0.0000000	0.0000000	
UNCHAHAAR-II	0.0000000	0.0000000	0.0000000	0.0000000	
	0.0000000	0.0000000	0.0000000	0.0000000	

J2) INCENTIVE ENERGY FOR OFF PEAK HOURS BEYOND TARGET PLF FOR Thermal Stations (Low Demad season)

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC
RIHAND-I STPS	9.8314382	6.6563740	0.0000000	3.1750642	
RIHAND-II STP	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-III STP	29.6559460	17.6400881	12.0158579	0.0000000	
SINGRAULI	0.0000000	0.0000000	0.0000000	0.0000000	

As per CERC Regulation PLF for Incentive energy is calculated as under

$$PLF = 10000 \times \sum_{i=1}^{N} \frac{SG_i}{\{N \times IC \times (100 - AUX_n)\}} \%$$

Where,
 IC = Installed Capacity of the generating station or unit in MW,
 SG_i = Scheduled Generation in MW for the ith time block of the period,
 N = Number of time blocks during the period, and
 AUX_n = Normative Auxiliary Energy Consumption as a percentage of gross energy generation

Incentive to a generating station or unit thereof shall be payable at a flat rate of 50 paise/kWh for ex-bus scheduled energy corresponding to scheduled generation in excess of ex-bus energy corresponding to Normative Annual Plant Load Factor (NAPLF)

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J3) INCENTIVE ENERGY FOR PEAK HOURS BEYOND TARGET PLF FOR Thermal Stations (High Demnd season)

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC
RIHAND-I STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-II STPS		0.0000000	0.0000000	0.0000000	
RIHAND-III STP	4.2874833	2.5188011	1.7686822	0.0000000	

J4) INCENTIVE ENERGY FOR OFF PEAK HOURS BEYOND TARGET PLF FOR Thermal Stations (High Demad season)

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC
RIHAND-I STPS		0.0000000	0.0000000	0.0000000	
RIHAND-II STPS		0.0000000	0.0000000	0.0000000	
RIHAND-III STP	14.3921379	8.3584950	6.0336429	0.0000000	

As per CERC Regulation PLF for Incentive energy is calculated as under

$$PLF = 10000 \times \frac{SG_i}{\sum_{i=1}^N IC \times (100 - AUX_n)} \%$$

Where,

IC = Installed Capacity of the generating station or unit in MW,

SG_i = Scheduled Generation in MW for the ith time block of the period,

N = Number of time blocks during the period, and

AUX_n = Normative Auxiliary Energy Consumption as a percentage of gross energy generation

Incentive to a generating station or unit thereof shall be payable at a flat rate of 50 paise/kWh for ex-bus Scheduled energy corresponding to scheduled generation in excess of ex-bus energy corresponding to Normative Annual Plant Load Factor (NAPLF)

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

Stations	Unit No.	Date	From(Hrs)	Date	Upto(Hrs)
GT	1	06.11.2021	1:12	06.11.2021	02:42
		11.11.2021	0:04	11.11.2021	1:25
		19.11.2021	5:50	19.11.2021	13:43
PPCL		-Nil-			
Bawana	3	17.11.2021	20:00	18.11.2021	6:00

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L) Details of Energy Injected by TOWMCL as per SEM

Month	Total Injection by TOWMCL* in Mus(as per SEM)
Nov'21	12.356004

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

M) Details of Energy Injected by East Delhi Municipal Waste Plant

Month	Total Injection by EDMWP* in Mus(as per SEM)
Nov'21	-0.046564

*EDWPCL declared CoD of the plant @10 MW w.e.f 28.04.2017 at 00.00 Hrs as per 18th GCC MoM dated 02.01.2018 & scheduled as per 20th GCC meeting held on 28.11.2018.

N) Details of Energy Injected & Scheduled by MSW Bawana

all figures are in Mus

Period	Total	BRPL (41.81%)	BYPL (23.9%)	TPDDL (29.2%)	NDMC (5.09%)
Nov'21	12.010410	5.021552	2.870488	3.507040	0.611330

*MSW Bawana declared CoD of one unit no # 01 @12 MW w.e.f 10.01.2017 at 00.00 Hrs & unit #2 @ 12 MW w.e.f 28.02.17 at 0.00 Hrs

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

Energy Exchange	Licensees	Purchase		Sale		Purchase
		Day Ahead	RTM	Day Ahead	RTM	GDAM
IEX	BRPL	48.8979775	22.341770	-3.552250	-5.9184725	36.727075
	BYPL	0.6629225	4.000445	-11.539650	-15.542	2.26348
	TPDDL	0.7643500	3.683873	-20.567493	-13.16825	0
	NDMC	5.0891575	1.352475	-8.864998	-4.7411025	0
	MES	0.0000000	0.563728	0.000000	-0.48689	0.020815
	N. Railway	8.9794350	0.014193	0.000000	0	
	Total	64.3938425	31.956483	-44.5243900	-39.8567150	39.0113700
PXI	BRPL	0.0000000		0.0000000		
	BYPL	0.0000000		0.0000000		
	TPDDL	0.0000000		0.0000000		
	NDMC	0.0000000		0.0000000		
	MES	0.0000000		0.0000000		
		Total	0.0000000		0.0000000	

All figures are at Delhi Periphery after excluding the ISOA customer purchase/sale through Exchange.

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P) Details of Energy Requisition from ISGS below 85 % of Entitelment

Station Name	Cumulative upto this month in Mus							Total
	Delhi	BRPL	BYPL	TPDDL	NDMC	BTPS	N.Railway	
ANTA	176.5060640	78.0347842	45.0357676	53.4355122	0.0000000			176.5060640
AURAIYA	285.7195421	132.2198090	72.3206827	81.1790504	0.0000000			285.7195421
DADRI	353.2008361	164.3921375	90.7575809	98.0511177	0.0000000			353.2008361
DADRI	2942.7117995	2176.9527983	240.2560685	38.9418856	486.5610472			2942.7117995
DADRI-II	1526.0754476	1136.1575527	368.4532057	21.4646892	0.0000000			1526.0754476
IGSTPS- JHAJJAR	1465.1226494	19.0761729	148.8969971	1297.1494794	0.0000000			1465.1226494
RIHAND	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
RIHAND-II	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
RIHAND-III	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
SINGRAULI	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
UNCHAHAR-I	21.2301890	8.4959294	5.9632229	6.7710367	0.0000000			21.2301890
UNCHAHAR-II	33.8318990	10.9929479	10.9501346	11.8888165	0.0000000			33.8318990
UNCHAHAR-III	18.7139866	5.9694927	6.1058900	6.6386040	0.0000000			18.7139866
FARAKKA	13.2455481	4.0630268	4.1169722	5.0655491	0.0000000			13.2455481
KAHALGAON1	5.2515285	4.4990153	0.7525132	0.0000000	0.0000000			5.2515285
KAHALGAON-I	0.0000000							
NABINAGAR	0.0000000							