

DELHI TRANSCO LIMITED

No. F.DTL/207/2021-22/Mgr(SO)/EAC/98

Dated: 17.05.2021

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 Engineer/NR,Headquater Office, Baroda House, N. Delhi  
SE (Commercial), NRPC

**Sub.:** **Provisional Intra-State ABT based Energy Account for the month of April 2021. (Amended-01)**

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of April-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)

Note:

1. Amendment due to inadvertent error in schedule energy in Hydro and Nuclear plants.

**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**  
**State Load Despatch Centre**

**Provisional Energy Accounts for the month of Apr'21**

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

Stations	Period	PAFM in %	PAFN in %
GT	Apr'20	56.68	56.68
PPCL	Apr'20	85.93	85.93

Stations	Period	Season	Peak Hour		Off-Peak Hour		PAFM in %	PAFN in %
			PAFM in %	PAFMpn in %	PAFM in %	PAFMopn in %		
Bawana	Apr'20 *	Low Demand	91.28	91.28	91.24	91.24	91.24	91.24

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

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

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.

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

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:

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

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

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**      Intra  
**Provisional Energy Accounts for the month of Apr'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'20	41.533	22.744	29.667	4.944	0.000	0.000	1.111
PPCL	Apr'20	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'20	31.13	18.00	21.75	7.30	1.82	10	10

\* Allocation revised as per DERC Tariff order for FY20-21

# 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.

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

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

Stations	Period	BRPL	BYPL	TPDDL	NDMC
MSW Bawana	Apr'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
<b>Bawana</b>	<b>Upto Apr'21</b>	<b>31.130</b>	<b>18.000</b>	<b>21.750</b>	<b>7.300</b>	<b>1.820</b>	<b>10</b>	<b>10</b>
PPCL	Upto Apr'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 Apr'21	41.533	22.744	29.667	4.944	0.000	0.000	1.11111111

- \* 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).
- \*\* 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
- \*\*\* 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** Intra  
**Provisional Energy Accounts for the month of Apr'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	74.233	55.378	17.838	1.017		
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 JHAKRI	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		
KAHALGAON-II	10.490	4.607	2.665	3.218		
<b>SASAN</b>	<b>11.250</b>	<b>1.6686</b>	<b>6.1299</b>	<b>3.4515</b>		
SINGRAULI HYDR	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** Intra  
**Provisional Energy Accounts for the month of Apr'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	74.220	55.368	17.835	1.017		
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 JHAKRI	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		
KAHALGOAN-II	10.490	4.607	2.665	3.218		
<b>SASAN</b>	<b>11.250</b>	<b>1.6686</b>	<b>6.1299</b>	<b>3.4515</b>		
SINGRAULI HYDF	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 Apr'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	11.586916
	BYPL	5.855395
	TPDDL	8.230130
	NDMC	1.093959
	RPH	0.339100
	Total	27.105500
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	<b>31.696896</b>
	BYPL	<b>16.812300</b>
	MES	<b>6.507066</b>
	NDMC	<b>32.999797</b>
	TPDDL	<b>21.345932</b>
Total	<b>109.361990</b>	

\*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 featus are as under.

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



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

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

Stations	Licensees	Scheduled Energy
		0.000000
PPCL (S-RLNG)	BRPL	0.000000
	BYPL	0.000000
	MES	0.000000
	NDMC	0.000000
	TPDDL	0.000000
	Total	0.000000
Bawana(APM, PMT)	BRPL	76.946358
	BYPL	44.675279
	MES	4.177456
	NDMC	14.844191
	TPDDL	48.791098
	HARYANA	18.934315
	PUNJAB	22.031303
	Total	230.400000
Bawana (RLNG)	BRPL	<b>39.761416</b>
	BYPL	<b>22.227461</b>
	MES	<b>2.324576</b>
	NDMC	<b>14.303575</b>
	TPDDL	<b>28.364641</b>
	HARYANA	<b>8.594675</b>
	PUNJAB	<b>8.527025</b>
	Total	<b>124.103368</b>
Bawana (S-RLNG)	BRPL	0.000000
	BYPL	0.000000
	MES	0.000000
	NDMC	0.000000
	TPDDL	0.000000
	HARYANA	0.000000
	PUNJAB	0.000000
	Total	0.000000

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

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

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

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC	BTPS	N. Railway
ANTA GF	0.000000	0.000000	0.000000	0.000000	0.000000		
ANTA RF	0.000000	0.000000	0.000000	0.000000	0.000000		
ANTA CRF	0.000000	0.000000	0.000000	0.000000	0.000000		
AURIYA CRF	0.000000	0.000000	0.000000	0.000000	0.000000		
AURIYA GF	8.281379	0.519175	2.884658	4.877546	0.000000		
AURIYA LF	0.000000	0.000000	0.000000	0.000000	0.000000		
AURIYA RF	2.012611	0.013068	0.007597	1.991946	0.000000		
<b>BAIRASIUL</b>	<b>5.913912</b>	<b>2.597283</b>	<b>1.502134</b>	<b>1.814496</b>	0.000000		
<b>CHAMERAHEP</b>	<b>8.588293</b>	<b>3.772326</b>	<b>2.181861</b>	<b>2.634106</b>	0.000000		
<b>CHAMERA-II HEP</b>	<b>11.048864</b>	<b>4.852217</b>	<b>2.806561</b>	<b>3.390087</b>	0.000000		
<b>CHAMERA-III HEP</b>	<b>6.714466</b>	<b>2.949113</b>	<b>1.705244</b>	<b>2.060108</b>	0.000000		
DADRI CRF	0.930912	0.732483	0.178170	0.020259	0.000000		
DADRI GF	3.813745	0.922505	0.768275	2.122964	0.000000		
DADRI LF	0.000000	0.000000	0.000000	0.000000	0.000000		
DADRI RF	0.002919	0.000000	0.000000	0.002919	0.000000		
DADRI TPS	0.000000	0.000000	0.000000	0.000000	0.000000		
DADRI-II TPS	371.485668	274.187863	92.761550	4.536255	0.000000		
<b>DHAULIGANGA</b>	<b>4.221186</b>	<b>1.853999</b>	<b>1.072073</b>	<b>1.295115</b>	0.000000		
<b>DULAHSTI HEP</b>	<b>14.532067</b>	<b>6.382556</b>	<b>3.691349</b>	<b>4.458162</b>	0.000000		
JHAJJAR	278.186210	0.069768	15.382175	262.734267	0.000000		
ANTA LF	0.000000	0.000000	0.000000	0.000000	0.000000		
<b>KOTESHWAR</b>	<b>6.4704497</b>	<b>4.4853157</b>	<b>0.000000</b>	<b>1.9851340</b>	0.000000		
<b>NAPP</b>	<b>28.737374</b>	<b>19.919736</b>	<b>0.000000</b>	<b>8.817638</b>	0.000000		
<b>NAPTHA JHAKRI</b>	<b>22.911124</b>	<b>10.062566</b>	<b>5.819426</b>	<b>7.029133</b>	0.000000		
<b>RAPP C</b>	<b>30.643260</b>	<b>13.459853</b>	<b>7.783388</b>	<b>9.401352</b>	0.000000		
RIHAND STPS	64.443627	44.565778	0.000000	19.877849	0.000000		
RIHAND-II STPS	41.474956	18.158805	10.618643	12.697509	0.000000		
RIHAND-III STPS	84.101727	49.864207	34.237521	0.000000	0.000000		
SEWA-II HEP	0.000000	0.000000	0.000000	0.000000	0.000000		
SINGRAULI	83.550120	16.135111	41.939944	25.475065	0.000000		
<b>SALAL HEP</b>	<b>21.064302</b>	<b>15.714839</b>	<b>5.349462</b>	<b>0.000000</b>	0.000000		
<b>TEHRI HEP</b>	<b>8.1823372</b>	<b>5.6719961</b>	<b>0.000000</b>	<b>2.5103411</b>	0.000000		
<b>TANAKPUR</b>	<b>0.488417</b>	<b>0.214507</b>	<b>0.124068</b>	<b>0.149842</b>	0.000000		
UNCHAHAAR-I	11.900652	5.309053	3.174380	3.417219	0.000000		
UNCHAHAAR-II	23.856875	10.670112	6.391761	6.795002	0.000000		
UNCHAHAAR-III	9.135464	4.305259	2.363221	2.466984	0.000000		
<b>URI HEP</b>	<b>37.671869</b>	<b>16.546276</b>	<b>9.568109</b>	<b>11.557484</b>	0.000000		
<b>URI -II HEP</b>	<b>21.787592</b>	<b>9.569083</b>	<b>5.533330</b>	<b>6.685179</b>	0.000000		
TALA	1.926316	0.846038	0.489284	0.590994	0.000000		
<b>PARBATI-III</b>	<b>2.191968</b>	<b>0.961943</b>	<b>0.556665</b>	<b>0.673360</b>	0.000000		
FARAKA	7.609285	3.429624	2.104500	2.075161	0.000000		
KAHALGAON-I	28.535704	11.221485	7.869953	9.444267	0.000000		
KAHALGAON-II	96.575433	39.786365	25.710241	31.078827	0.000000		
SASAN	284.651220	42.234014	155.243872	87.173334	0.000000		
Talcher							
<b>Nabinagar STPS(BRBCL)</b>	2.904554						2.859110
SINGRAULI HYDF	0.590467			0.563382			

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 Talcher scheduled from 24.08.19 to BTPS for their Aux. Power consumption.

\*\*\* 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 Apr'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	Northern
DVC(LT-3) at Ex-NR periphery	154.126370	68.412389	39.955938	45.758043		
DVC(LT-5) at Ex-NR State Per2012_02	148.986412	66.130905	38.623448	44.232059		
DVC(MEJIA)(LT-4) at Ex-NR Per	54.871892	24.689428	14.394363	15.788101		
DVC(MEJIA)(LT-4) at Ex-NR State Periphery2012_0	53.05755	23.8730708	13.9184122	15.26606705		
DVC(MEJIA7)(LT-8) at NR Per	60.084220		60.0842200			
DVC(MEJIA7)(LT-8) at NR State periphery2012_01	58.099958		58.0999580			
Haryana CLP Jhajjar(LT-5) at EX-NR per	54.975135			54.9751350		
Haryana CLP Jhajjar(LT-5) at EX-NR State periphery	53.146768			53.1467680		
DVC(MPL-DVC)(LT-6) at Ex-NR per	184.780205			184.7802050		
DVC(MPL-DVC)(LT-6) at Ex-NR State per2012_04	178.662172			178.6621720		
JITPL MT20 at Ex-NR periphery M2018_01	0.0000000					0.0000000
JITPL MT20 at Ex-NR State periphery	0.0000000					0.0000000
Himachal(LT-59) at Ex-NR periphery	1.7705720			1.7705720		
Himachal(LT-59) at Ex-NR state peri	1.7113120			1.7113120		
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR periphery	5.2444480	5.2444480				
Nanti Hyd (L_NR_2019_11) at NR periphery	2.1592580			2.1592580		
Nanti Hyd (L_NR_2019_11) at NR State peri	2.0871320			2.0871320		
SEISPPL-MP (L_NR_2019_19) at NR & state PP	34.3043450			34.3043450		
Tarenda Hyd, HP(L_NR2020_02)at NR PP	2.0667900			2.0667900		
Tarenda Hyd, HP(L_NR2020_02)at State PP	1.9977550			1.9977550		
<b>Alfanar wind SECI-3(L_NR2020_05,06 &amp; 07) at NR &amp; state PP</b>	<b>42.9004520</b>	<b>25.7425550</b>	<b>8.5808720</b>	<b>8.5770250</b>		
SECI at NR & state	10.9561980	3.72005	3.621908	3.61424		

\* 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	8.1104472	5.6087531	0.0000000	2.5016941	
RIHAND-II STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-III STPS	8.4183646	4.9912777	3.4270869	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	1.5433816	1.0669336	0.0000000	0.4764480	
RIHAND-II STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-III STPS	1.3565246	0.8036143	0.5529103	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	6.5662480	4.5412043	0.0000000	2.0250437	
RIHAND-II STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-III STPS	7.0496156	4.1804400	2.8691756	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<sub>i</sub> = Scheduled Generation in MW for the i<sup>th</sup> time block of the period,

N = Number of time blocks during the period, and

AUX<sub>n</sub> = 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					
RIHAND-II STPS					
RIHAND-III STPS					

**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					
RIHAND-II STPS					
RIHAND-III STPS					

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

$$PLF = 10000 \times \sum_{i=1} SGi / \{N \times IC \times (100 - AUX_n)\} \%$$

Where,

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

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

N = Number of time blocks during the period, and

AUX<sub>n</sub> = 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**

<b>Stations</b>	<b>Unit No.</b>	<b>Date</b>	<b>From(Hrs)</b>	<b>Date</b>	<b>Upto(Hrs)</b>
<b>GT</b>	1	05.04.2021	19:35	05.04.2021	20:18
		09.04.2021	4:51	09.04.2021	5:59
		13.04.2021	13:55	13.04.2021	0:00
		14.04.2021	0:00	14.04.2021	0:00
		15.04.2021	0:00	15.04.2021	12:31
		16.04.2021	9:04	16.04.2021	9:55
		18.04.2021	19:27	18.04.2021	20:13
		22.04.2021	4:57	22.04.2021	6:03
		27.04.2021	16:21	27.04.2021	17:15
		<b>PPCL</b>	1	15.04.2021	17:03
16.04.2021	11:30			16.04.2021	12:48
16.04.2021	17:42			16.04.2021	18:35
<b>Bawana</b>	3	28.04.2021	15:19	28.04.2021	17:20

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**L) Details of Energy Injected by TOWMCL as per SEM**

Month	Total Injection by TOWMCL* in Mus(as per SEM)
Apr'21	8.632844

\*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)
Apr'21	0.567485

\*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%)
Apr'21	10.613638	4.437562	2.536659	3.099182	0.540234

\*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	
		Day Ahead	RTM	Day Ahead	RTM
IEX	BRPL	3.1754166	5.824722	-40.347775	-40.545376
	BYPL	0.2888247	4.486509	-94.546238	-19.079226
	TPDDL	0.4959520	4.220136	-246.169233	-12.718561
	NDMC	2.6431322	1.505964	-16.717000	-5.2077154
	MES	2.1850677	0.000000	-0.399250	-0.1374871
	N. Railway	5.4261118	0.025869	0.000000	0
	<b>Total</b>	<b>14.2145050</b>	<b>16.063200</b>	<b>-398.1794950</b>	<b>-77.6883650</b>
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	
	<b>Total</b>	<b>0.0000000</b>		<b>0.0000000</b>	

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 Entitlement**

Station Name	Cumulative upto this month in Mus							Total
	Delhi	BRPL	BYPL	TPDDL	NDMC	BTPS	N.Railway	
ANTA	23.346861	10.253941	5.930103	7.162817	0.000000			23.346861
AURAIYA	31.541294	17.841782	7.733909	5.965603	0.000000			31.541294
DADRI	48.485621	21.722346	12.573750	14.189525	0.000000			48.485621
DADRI	422.885880	312.841577	34.526283	5.596190	69.921831			422.885880
DADRI-II	48.823692	39.308825	8.303059	1.211808	0.000000			48.823692
IGSTPS- JHAJJAR	121.556939	1.872289	12.527609	107.157041	0.000000			121.556939
RIHAND	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
RIHAND-II	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
RIHAND-III	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
SINGRAULI	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
UNCHAHAR-I	0.464495	0.159381	0.035760	0.269353	0.000000			0.464495
UNCHAHAR-II	1.634377	0.590904	0.195797	0.847677	0.000000			1.634377
UNCHAHAR-III	1.006261	0.241154	0.226246	0.538861	0.000000			1.006261
FARAKKA	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
KAHALGAON1	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
KAHALGAON-II	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
NABINAGAR	0.000000						0.000000	0.000000

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