



No. F.DTL/207/2021-22/Mgr(SO)/EAC/453

Dated: 03.11.2021

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 Oct 2021.**

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of Oct-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 Oct'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	49.12	24.95
	PPCL	Apr'21	85.93
May'21		97.43	91.78
June'21		93.91	92.48
July'21		91.68	92.28
Aug'21		<b>90.47</b>	91.91
Sept'21		70.23	88.36
Oct'21		87.37	88.21

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

\* 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

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.

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

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:

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

Cap.Charge for the Month (CCm) = Cap.Charge for Peak Hours of the Month (CCp) + Cap.Charge for Off-Peak Hours of the Month (CCop)

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Oct'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	<b>41.652</b>	<b>22.812</b>	<b>29.753</b>	<b>4.959</b>			<b>0.824</b>
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		

**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	<b>15.60</b>	21.75	<b>9.70</b>	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**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Oct'21**

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

Stations	Period	BRPL	BYPL	TPDDL	NDMC
MSW Bawana	Oct'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	<b>Upto Oct'21</b>	<b>31.130</b>	<b>17.652</b>	<b>21.750</b>	<b>7.648</b>	<b>1.820</b>	<b>10</b>	<b>10</b>
PPCL	Upto Oct'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 Oct'21	<b>41.652</b>	<b>22.812</b>	<b>29.753</b>	<b>4.959</b>	<b>0.000</b>	<b>0.000</b>	<b>0.824</b>

\* 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 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 Oct'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 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		
UNCHAHAHAR-I	5.710	2.508	1.450	1.752		
UNCHAHAHAR-II	11.190	4.9146	2.8423	3.4331		
UNCHAHAHAR-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>7.8557</b>	<b>1.7257</b>		
SINGRAULI HYDRO	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 Oct'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	
<b>DADRI-II TPS</b>	<b>74.355</b>	<b>55.469</b>	<b>17.868</b>	<b>1.019</b>		
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 STP	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>7.6138</b>	<b>1.9676</b>		
SINGRAULI HYD	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

## Annexure-3

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Oct'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	8.213391
	BYPL	3.684554
	TPDDL	6.441261
	NDMC	0.535646
	RPH	0.246500
	Total	19.121353
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	23.821232
	BYPL	11.767288
	MES	4.837563
	NDMC	24.095274
	TPDDL	15.392393
	Total	79.913750

\*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	<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

Annexure-3(contd..)

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Oct'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	12.900238
	BYPL	5.120707
	MES	2.219443
	NDMC	9.728426
	TPDDL	9.907187
	Total	39.876000
Bawana(APM, PMT)	BRPL	70.039358
	BYPL	35.502815
	MES	6.508506
	NDMC	18.017465
	TPDDL	51.007687
	HARYANA	22.844464
	PUNJAB	22.399221
Total	226.319517	
Bawana (RLNG)	BRPL	12.969321
	BYPL	6.277951
	MES	0.625730
	NDMC	3.097353
	TPDDL	12.976549
	HARYANA	2.790035
	PUNJAB	2.775060
Total	41.511999	
Bawana (S-RLNG)	BRPL	76.298535
	BYPL	18.297622
	MES	0.031551
	NDMC	0.467815
	TPDDL	21.811337
	HARYANA	14.580480
	PUNJAB	0.118525
Total	131.605864	

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



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

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

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	N. Railway	N. Railway
ANTA GF	0.0000000	0.0000000	0.0000000	0.0000000		
ANTA RF	1.4501515	0.5716503	0.4111439	0.4673573		
ANTA CRF	0.1679331	0.0713454	0.0467528	0.0498350		
AURIYA CRF	1.0098484	0.2622071	0.5959208	0.1517205		
AURIYA GF	0.0000000	0.0000000	0.0000000	0.0000000		
AURIYA LF	0.0131024	0.0000000	0.0131024	0.0000000		
AURIYA RF	5.6176070	1.6575499	1.4795926	2.4804646		
BAIRASIUL	4.3598500	1.9148461	1.1074019	1.3376020		
CHAMERAHEP	7.3220844	3.2158595	1.8598094	2.2464155		
CHAMERA-II HEP	10.9908764	4.8271929	2.7916826	3.3720009		
CHAMERA-III HEP	8.2300088	3.6146199	2.0904222	2.5249667		
DADRI CRF	1.6460243	0.5389018	0.8476255	0.2594970		
DADRI GF	0.0000000	0.0000000	0.0000000	0.0000000		
DADRI LF	1.2864579	0.3635575	0.5657782	0.3571222		
DADRI RF	5.5782625	1.0208788	1.3522879	3.2050958		
DADRI TPS	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	
DADRI-II TPS	350.7472598	261.9030885	84.2167228	4.6274485	0.0000000	
DHAULIGANGA	16.0590573	7.0531380	4.0790006	4.9269188		
DULAHSTI HEP	29.3730299	12.9006347	7.4607496	9.0116456		
JHAJJAR	296.2879652	4.5347824	29.8320930	261.9210898		
ANTA LF	0.0000000	0.0000000	0.0000000	0.0000000		
KOTESHWAR	15.0701765	10.4466463	0.0000000	4.6235302		
NAPP	28.7323495	19.9172647	0.0000000	8.8150848		
NAPTHA JHAKF	51.6958080	22.7047989	13.1307352	15.8602739		
RAPP C	38.4673761	16.8948716	9.7707135	11.8017910		
RIHAND STPS	62.2886272	43.1709749	0.0000000	19.1176523		
RIHAND-II STPS	59.6839800	26.2109538	15.1589178	18.3141084		
RIHAND-III STPS	87.1220809	51.6228066	35.4992743	0.0000000		
SEWA-II HEP	0.0000000	0.0000000	0.0000000	0.0000000		
SINGRAULI	71.2899800	14.0080276	35.3800645	21.9018879		
SALAL HEP	26.1545856	19.5113209	6.6432647	0.0000000		
TEHRI HEP	29.1904012	20.2347861	0.0000000	8.9556151		
TANAKPUR	7.6513292	3.3604638	1.9434376	2.3474278		
UNCHAHAR-I	4.8960749	2.1706426	1.2848058	1.4406265		
UNCHAHAR-II	22.9039864	10.1126262	5.9355959	6.8557643		
UNCHAHAR-III	13.4355008	5.9570299	3.4822840	3.9961869		
URI HEP	23.0720820	10.1332584	5.8603088	7.0785148		
URI -II HEP	17.0591045	7.4923587	4.3330125	5.2337333		
TALA	15.6629235	6.8791560	3.9783826	4.8053849		
PARBATI-III	4.9621597	2.1793805	1.2603886	1.5223906		
FARAKA	7.9777627	3.5329394	2.0246079	2.4202154	0.0000000	
KAHALGAON-I	27.6258940	12.0888716	7.0334563	8.5035661	0.0000000	
KAHALGAON-II	63.9750600	28.0581169	16.2566040	19.6603391	0.0000000	
SASAN	295.3502660	43.6219741	206.3891041	45.3391878	0.0000000	
Nabinagar STPS(BRBCL)	2.3300420					2.3300420
SINGRAULI HYDRO	0.0000000			0.0000000		

\* 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.

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**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-NR	174.558110	77.909122	41.568181	55.080807		
DVC(LT-3) at Ex-NR State 2012_02	168.925495	75.395162	40.226865	53.303467		
DVC(MEJIA)(LT-4) at Ex-NR	53.101242	24.080789	12.819431	16.201022		
DVC(MEJIA)(LT-4) at Ex-NR State 2012_02	51.389125	23.304364	12.406100	15.678661		
DVC(MEJIA7)(LT-8) at NR	61.701538		61.7015380			
DVC(MEJIA7)(LT-8) at NR State 2012_01	59.710825		59.7108250			
Haryana CLP Jhajjar(LT-5) at EX-NR per	43.881365			43.8813650		
Haryana CLP Jhajjar(LT-5) at EX-NR State	42.479440			42.4794400		
DVC(MPL-DVC)(LT-6) at Ex-NR per	191.187688			191.1876880		
DVC(MPL-DVC)(LT-6) at Ex-NR State 2012_04	185.017240			185.0172400		
Himachal(LT-59) at Ex-NR	3.6787020			3.6787020		
Himachal(LT-59) at Ex-NR state	3.5602420			3.5602420		
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR	9.9804480	9.9804480				
Nanti Hyd (L_NR_2019_11) at NR	3.3511950			3.3511950		
Nanti Hyd (L_NR_2019_11) at NR State	3.2433520			3.2433520		
SEISPPL-MP (L_NR_2019_19) at NR & state	27.2978980			27.2978980		
Tarenda Hyd, HP(L_NR2020_02)at NR	3.7242400			3.7242400		
Tarenda Hyd, HP(L_NR2020_02)at State	3.6047200			3.6047200		
Alfanar wind SECI-3(L_NR2020_05, 06 & 07) at NR &	34.6746420	20.8069220	6.9356320	6.9320880		
ERCPL(L_NR_2021_12 & 13) Azure	50.5901620	40.5025800	10.0875820			
Power(L_NR_2021_14)	1.2869020	1.2869020				
SECI at NR & state	10.6447900	3.602395	3.520585	3.52181		

\* 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 STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-III STP	51.7936980	30.2203923	21.5733057	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	3.2074452	2.1897694	0.0000000	1.0176758	
RIHAND-II STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-III STP	6.2658098	3.6633299	2.6024799	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	8.2107155	5.5892308	0.0000000	2.6214847	
RIHAND-II STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-III STP	26.7721001	15.6512827	11.1208174	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<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	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-II STPS		0.0000000	0.0000000	0.0000000	
RIHAND-III STP	4.2853038	2.5175207	1.7677831	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	14.3799735	8.3514303	6.0285432	0.0000000	

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

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

Where,

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

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

Stations	Unit No.	Date	From(Hrs)	Date	Upto(Hrs)
GT		-Nil-			
PPCL		-Nil-			
Bawana	1	01.10.2021	15:15	01.10.2021	17:30
		15.10.2021	23:00	16.10.2021	2:00
	3	05.10.2021	12:00	05.10.2021	14:00
	4	04.10.2021	17:00	05.10.2021	1:00

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

Month	Total Injection by TOWMCL* in Mus(as per SEM)
Oct'21	12.440875

\*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)
Oct'21	-0.300487

\*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%)
Oct'21	11.353217	4.746780	2.713419	3.315139	0.577879

\*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	51.3715325	24.900980	-3.659000	-23.281115	1.865225
	BYPL	3.8570125	3.510640	-69.792120	-29.80775	
	TPDDL	8.6182725	4.809895	-64.540735	-24.8323125	
	NDMC	4.9826450	4.033088	-13.776000	-12.119745	
	MES	0.0000000	1.021165	0.000000	-0.6140625	
	N. Railway	7.7705600	0.958975	0.000000	0	
	<b>Total</b>	<b>76.6000225</b>	<b>39.234743</b>	<b>-151.7678550</b>	<b>-90.6549850</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 Entitelment**

Station Name	Cumulative upto this month in Mus							Total
	Delhi	BRPL	BYPL	TPDDL	NDMC	BTPS	N.Railway	
ANTA	151.2718006	66.9500474	38.6251977	45.6965555	0.0000000			151.2718006
AURAIYA	243.6780009	113.7507270	61.6396296	68.2876442	0.0000000			243.6780009
DADRI	300.8066663	141.3794633	77.4502581	81.9769449	0.0000000			300.8066663
DADRI	2519.3669195	1863.7716637	205.6923109	33.3396216	416.5633232			2519.3669195
DADRI-II	1125.4315217	838.5693605	270.8402714	16.0218898	0.0000000			1125.4315217
IGSTPS- JHAJJAR	1348.5679656	19.9029826	136.0001962	1192.6647867	0.0000000			1348.5679656
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	14.5520450	5.7794513	4.1177604	4.6548333	0.0000000			14.5520450
UNCHAHAR-II	26.6252557	8.2089331	8.4746606	9.9416621	0.0000000			26.6252557
UNCHAHAR-III	15.9358703	6.5625373	4.2515097	5.1218234	0.0000000			15.9358703
FARAKKA	10.5241484	4.1091489	2.3791192	4.0358803	0.0000000			10.5241484
KAHALGAON1	1.6707484	1.6707484	0.0000000	0.0000000	0.0000000			1.6707484
KAHALGAON-II	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
NABINAGAR								