

<p>Office of Manager (System Operation) 33kV Grid Sub-Station Building Minto Road, New Delhi-110002 Ph. No. 23211207 Fax No. 23221012, 23221059</p>		<p>DELHI TRANSCO LIMITED STATE LOAD DESPATCH CENTER REGD. OFFICE : SHAKTI SADAN BUILDING, KOTLA ROAD, NEW DELHI-110002 www.dtl.gov.in www.delhisldc.org</p>
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No. F.DTL/207/2020-21/Mgr(SO)/EAC/859

Dated: 04.11.2020

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 October-2020.**

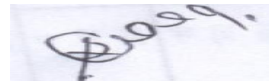
Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of Oct-2020.
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.

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),SL
- 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)

Intra

DELHI TRANSCO LIMITED
State Load Despatch Centre

Provisional Energy Accounts for the month of Oct'20

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

Stations	Period	PAFM in %	PAFN in %
GT	Apr'20	86.63	86.63
	May'20	85.32	85.97
	Jun'20	84.49	85.48
	July'20	84.78	85.30
	Aug'20	86.88	85.62
	Sept'20	87.40	85.91
	Oct'20	88.51	86.29
PPCL	Apr'20	97.54	97.54
	May'20	89.73	93.54
	Jun'20	93.25	93.46
	July'20	93.86	93.56
	Aug'20	95.86	93.56
	Sept'20	93.50	93.93
	Oct'20	68.05	90.18

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	103.99	103.99	100.10	100.10	100.75	100.75
	May'20	Low demand	96.00	99.93	96.12	98.07	96.1	98.38
	June'20*	High Demand	92.45	92.45	91.78	91.78	91.89	91.89
	July'20*	High Demand	82.82	87.56	83.65	87.65	83.15	87.45
	Aug'20**	High Demand	80.19	85.08	80.77	85.33	80.17	85.00
	Sept'20**	Low Demand	63.57	87.94	63.17	86.57	62.78	81.36
	Oct***	Low demand	81.14	86.22	81.97	85.40	81.79	85.41

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.

* Peak Hrs are 19:30 hrs to 23:30 hrs,**Peak Hrs are 19.00hrs to 23.00 Hrs,***Peak Hrs are 18.30hrs to 22.30hrs

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.

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

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:

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

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

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Oct'20

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	60.885	8.567	30.178	0.000	0.000	0.000	0.37
	May'20	60.885	8.567	30.178	0.000	0.000	0.000	0.37
	Jun'20	60.885	8.567	30.178	0.000	0.000	0.000	0.37
	July'20	60.885	8.567	30.178	0.000	0.000	0.000	0.37
	Aug'20	60.885	8.567	30.178	0.000	0.000	0.000	0.37
	Sept'20	60.885	8.567	30.178	0.000	0.000	0.000	0.37
	Oct'20	60.885	8.567	30.178	0.000	0.000	0.000	0.37
PPCL	Apr'20	28.290	16.070	19.280	30.300	6.060		
	May'20	28.290	16.070	19.280	30.300	6.060		
	Jun'20	28.290	16.070	19.280	30.300	6.060		
	July'20	28.290	16.070	19.280	30.300	6.060		
	Aug'20	28.290	16.070	19.280	30.300	6.060		
	Sept'20	28.290	16.070	19.280	30.300	6.060		
	Oct'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
	May'20	31.13	18.00	21.75	7.30	1.82	10	10
	Jun'20	31.13	18.00	21.75	7.30	1.82	10	10
	July'20	31.13	18.00	21.75	7.30	1.82	10	10
	Aug'20	31.13	18.00	21.75	7.30	1.82	10	10
	Sept'20*	35.13	6.00	21.75	15.30	1.82	10	10
	Oct'20*	35.13	6.00	21.75	15.30	1.82	10	10

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

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

Stations	Period	BRPL	BYPL	TPDDL	NDMC
MSW Bawana	Oct'20	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 Oct'20	32.270	14.580	21.750	9.580	1.820	10	10
PPCL	Upto Oct'20	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'20	60.885	8.567	30.178	0.000	0.000	0.000	0.37

* 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

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State Load Despatch Centre
Provisional Energy Accounts for the month of Oct'20

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 H	13.330	5.854	3.386	4.090		
CHAMERA-III H	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	74.238	55.382	17.839	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 JHAK	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 STP	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		
KAHALGOAN-I	10.490	4.607	2.665	3.218		
SASAN	11.250	1.6686	7.8557	1.7257		
Talcher		0.0000	0.0000	0.0000		0.000000
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^{Intra}
State Load Despatch Centre
Provisional Energy Accounts for the month of Oct'20

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 H	13.330	5.854	3.386	4.090		
CHAMERA-III H	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	74.238	55.382	17.839	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 JHAK	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 STP	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		
KAHALGOAN-I	10.490	4.607	2.665	3.218		
SASAN	11.250	1.6686	7.6138	1.9676		
Talcher	0.143000	0.0000	0.0000	0.0000		0.143000
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 Oct'20

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	17.517615
	BYPL	2.161223
	TPDDL	7.917212
	RPH	0.354300
	MES	0.000000
	Total	27.950350
GT(S-RLNG)	BRPL	0.000000
	BYPL	0.000000
	TPDDL	0.000000
	RPH	0.000000
	MES	0.000000
	Total	0.000000
PPCL(APM, PMT,RLNG)	BRPL	33.654960
	BYPL	19.136028
	MES	7.098601
	NDMC	35.491500
	TPDDL	23.178663
	Total	118.559752

*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		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

Intra
DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Oct'20

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

Stations	Licensees	Scheduled Energy
PPCL (S-RLNG)	BRPL BYPL MES NDMC TPDDL	
	Total	0.000000
Bawana(APM, PMT)	BRPL BYPL MES NDMC TPDDL HARYANA PUNJAB	81.246548 13.225060 4.166242 24.006365 55.371414 21.673515 23.088483
	Total	222.777626
Bawana (RLNG)	BRPL BYPL MES NDMC TPDDL HARYANA PUNJAB	35.957661 6.862996 2.491926 13.759461 33.982542 7.136838 7.181158
	Total	107.372581
Bawana (S-RLNG)	BRPL BYPL MES NDMC TPDDL HARYANA PUNJAB	
	Total	0.000000

Intra
DELHI TRANSCO LIMITED
 State Load Despatch Centre
 Provisional Energy Accounts for the month of Oct'20

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	0.0031617	0.0013886	0.0008031	0.0009700			
ANTA RF	0.0000000	0.0000000	0.0000000	0.0000000			
ANTA CRF	0.0000000	0.0000000	0.0000000	0.0000000			
AURIYA CRF	0.0000000	0.0000000	0.0000000	0.0000000			
AURIYA GF	0.0000000	0.0000000	0.0000000	0.0000000			
AURIYA LF	0.0000000	0.0000000	0.0000000	0.0000000			
AURIYA RF	0.0000000	0.0000000	0.0000000	0.0000000			
BAIRASIUL	1.4820025	0.6508955	0.3764286	0.4546784			
CHAMERAHEP	7.5267825	3.3057629	1.9118028	2.3092169			
CHAMERA-II H	7.7874080	3.4202296	1.9780016	2.3891768			
CHAMERA-III H	6.3772037	2.8008679	1.6198097	1.9565261			
DADRI CRF	3.9103699	3.1529863	0.7247445	0.0326391			
DADRI GF	11.1166441	4.7723926	1.8040081	4.5402434			
DADRI LF	0.0000000	0.0000000	0.0000000	0.0000000			
DADRI RF	0.0024660	0.0010875	0.0006280	0.0007505			
DADRI TPS	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000		
DADRI-II TPS	289.0058142	255.9535284	29.0541462	3.9981396	0.0000000		
DHAULIGANGA	10.9156758	4.7941648	2.7725817	3.3489293			
DULAHSTI HEP	31.7333764	13.9372989	8.0602776	9.7357999			
JHAJJAR	0.0017952	0.0000561	0.0001683	0.0015708			
ANTA LF	0.0000000	0.0000000	0.0000000	0.0000000			
KOTESHWAR	5.8774474	4.0742465	0.0000000	1.8032009			
NAPP	30.1079311	20.8708178	0.0000000	9.2371133			
NAPTHA JHAK	43.0741323	18.9181589	10.9408296	13.2151438			
RAPP C	36.7323914	16.1328663	9.3300274	11.2694977			
RIHAND STPS	33.6093360	23.2227316	0.0000000	10.3866044			
RIHAND-II STP	87.4333915	38.2811424	22.2765187	26.8757304			
RIHAND-III STP	91.8466809	54.3621675	37.4845134	0.0000000			
SEWA-II HEP	0.0000000	0.0000000	0.0000000	0.0000000			
SINGRAULI	74.0303060	14.2124670	36.9195024	22.8983367			
SALAL HEP	23.9020495	17.8309289	6.0711206	0.0000000			
TEHRI HEP	11.8280729	8.1992201	0.0000000	3.6288528			
TANAKPUR	5.8935579	2.5884506	1.4969637	1.8081436			
UNCHAHAR-I	12.0103516	6.4435065	2.2612539	3.3055911			
UNCHAHAR-II	11.9638301	6.4243495	2.3083291	3.2311516			
UNCHAHAR-III	14.4447349	7.8251744	2.6059678	4.0135927			
URI HEP	10.8147840	4.7498531	2.7469551	3.3179757			
URI -II HEP	8.6645489	3.8054699	2.2007954	2.6582836			
TALA**	14.4535619	6.348004	3.671205	4.434353			
PARBATI-III	3.9346864	1.7281143	0.9994103	1.2071618			
FARAKA	11.0427750	5.1647962	2.5819164	3.2960624	0.0000000		
KAHALGAON-I	26.2502340	11.2108589	6.7100619	8.3293132	0.0000000		
KAHALGAON-II	61.0310280	26.3801124	15.3926235	19.2582921	0.0000000		
SASAN	305.6538100	45.3196676	213.4492680	46.8848744	0.0000000		
Talcher							
Nabinagar STPS(BRBC L)	2.7134260						2.7134260
SINGRAULI HY	0.0000000			0.0000000			

|| 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
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Provisional Energy Accounts for the month of Oct'20

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 Railway (Delhi)
DVC(LT-3) at Ex-NR periphery	195.199745	85.600327	49.893607	59.705811		
DVC(LT-3) at Ex-NR State Per2012_02	192.560643	84.443010	49.219045	58.898588		
DVC(MEJIA)(LT-4) at Ex-NR Per	56.468830	28.129713	12.879095	15.460022		
DVC(MEJIA)(LT-4) at Ex-NR State Periphery2012	55.70637	27.74989675	12.7051972	15.251276		
DVC(MEJIA7)(LT-8) at NR Per	72.049530		72.0495300			
DVC(MEJIA7)(LT-8) at NR State Periphery2012	71.076280		71.0762800			
Haryana CLP Jhajjar(LT-5) at EX-NR per	57.026835			57.0268350		
Haryana CLP Jhajjar(LT-5) at EX-NR State	55.782995			55.7829950		
DVC(MPL-DVC)(LT-6) at Ex-NR per	158.014038			158.0140380		
DVC(MPL-DVC)(LT-6) at Ex-NR State	155.885690			155.8856900		
JITPL MT20 at Ex-NR periphery M2018_01	4.2958950					4.2958950
JITPL MT20 at Ex-NR State periphery	4.2378780					4.2378780
Himachal(LT-59) at Ex-NR periphery	2.9694700			2.9694700		
Himachal(LT-59) at Ex-NR state peri	2.8826500			2.8826500		
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR & state	14.5054880	14.5054880				
Nanti Hyd (L_NR_2019_11) at NR periphery	3.2931250			3.2931250		
Nanti Hyd (L_NR_2019_11) at NR State peri	3.1961120			3.1961120		
SEISPPL-MP (L_NR_2019_19) at NR & state PP	15.1608900			15.1608900		
Tarenda Hyd, HP(L_NR2020_02)at NR PP	2.3506520			2.3506520		
Tarenda Hyd, HP(L_NR2020_02)at State PP	2.2809850			2.2809850		
Alfanar wind SECI-3(L_NR2020_05, 06 & 07) at NR & state PP	20.8690110	12.5213550	4.1738280	4.1738280		
SECI at NR & state	10.2145470	3.484235	3.36779	3.362522		

* 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	35.1479547	15.2132284	8.9503030	10.9844234	
RIHAND-III STP	47.0703494	27.9635817	19.1067677	0.0000000	

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	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-II STP	4.7631546	2.0342439	1.2234209	1.5054898	
RIHAND-III STP	4.0313048	2.3886707	1.6426341	0.0000000	

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	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-II STP	25.9617197	11.2157507	6.6970504	8.0489185	
RIHAND-III STP	26.6753323	15.7916324	10.8836999	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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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	0.6131417	0.4206719	0.0000000	0.1924698	
RIHAND-II STP	3.4623718	1.5190652	0.8673378	1.0759688	
RIHAND-III STP	4.5541876	2.7201454	1.8340422	0.0000000	

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	0.0000000	
RIHAND-II STP	0.8753334	0.3803626	0.2186181	0.2763526	
RIHAND-III STP	11.3638628	6.7818414	4.5820214	0.0000000	

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

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

$i=1$

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	20.10.2020	3:55	20.10.2020	9:05
	2	13.10.2020	10:08	13.10.2020	10:15
		24.10.2010	16:58	24.10.2020	17:38
PPCL			-Nil-		
Bawana	4	09.10.2020	06:21	09.10.2020	9:35

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M) Details of Energy Injected by TOWMCL as per SEM

Month	Total Injection by TOWMCL* in Mus(as per SEM)
Oct'20	12.924030

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

N) Details of Energy Injected by East Delhi Muncipal Waste Plant

Month	Total Injection by EDMWP* in Mus(as per SEM)
Oct'20	2.735851

*EDWPCCL 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.

O) 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'20	12.290615	5.138706	2.937457	3.588860	0.625592

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

Energy Exchange	Licensees	Purchase		Sale	
		Day Ahead	RTM	Day Ahead	RTM
IEX	BRPL	78.8679350	14.9561882	0.0000000	-6.39332342
	BYPL	9.8813225	4.9219614	-27.8902525	-4.96793865
	TPDDL	99.4294175	9.3172003	-0.1064750	-2.16252414
	NDMC	15.8051350	0.8631286	-3.3023625	-0.99015603
	MES	2.7849525	0.0000000	-1.3025675	-0.10361025
	N. Railway	0.0065800	0.0269890	0.0000000	0
	Total	206.7753425	30.0854675	-32.6016575	-14.6175525
PXI	BRPL	0.0197245		0.0000000	
	BYPL	0.0000000		0.0000000	
	TPDDL	0.0000000		0.0000000	
	NDMC	0.0000000		0.0000000	
	MES	0.0000000		0.0000000	
	Total	0.0197245		0.0000000	

All figures are at Delhi Periphery after excluding the ISOA consumer purchase through Exchange.