

<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/922

Dated: 04.12.2020

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 November-2020.**

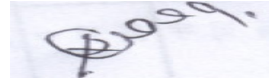
Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of Nov-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),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 Nov'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
	Nov'20	88.50	86.56
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
	Nov'20	68.63	87.53

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
	Nov****	Low demand	97.30	88.40	99.00	88.08	98.71	88.04

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

****Peak Hrs are 17.30hrs to 21.30hrs

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.

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

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 Nov'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	Nov'20	60.885	8.567	30.178	0.000	0.000	0.000	0.37
	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		
	Nov'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
	Nov'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
State Load Despatch Centre
Provisional Energy Accounts for the month of Nov'20

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

Stations	Period	BRPL	BYPL	TPDDL	NDMC
MSW Bawana	Nov'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 Nov'20	32.622	13.525	21.750	10.283	1.820	10	10
PPCL	Upto Nov'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 Nov'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

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Nov'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 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	74.238	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 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		
SASAN	11.250	1.6686	8.8911	0.6903		
Talcher		0.0000	0.0000	0.0000		0.000000
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
Provisional Energy Accounts for the month of Nov'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 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	74.238	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 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		
KAHALGOAN-II	10.490	4.607	2.665	3.218		
SASAN	11.250	1.6686	7.7708	1.8106		
Talcher	0.125410	0.0000	0.0000	0.0000		0.125410
SINGRAULI HYDR	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

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Nov'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	17.736660
	BYPL	2.223644
	TPDDL	7.955071
	RPH	0.354250
	MES	0.000000
	Total	28.269625
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	32.915437
	BYPL	18.640362
	MES	7.028509
	NDMC	35.220412
	TPDDL	22.396530
	Total	116.201250

*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'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	80.233127 13.740484 4.162897 31.258557 53.963931 22.542715 22.890875
	Total	228.792587
Bawana (RLNG)	BRPL BYPL MES NDMC TPDDL HARYANA PUNJAB	46.194069 8.672344 3.555719 15.595725 26.393763 8.656510 8.857850
	Total	117.925980
Bawana (S-RLNG)	BRPL BYPL MES NDMC TPDDL HARYANA PUNJAB	
	Total	0.000000

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Nov'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	0.0000000	0.0000000	0.0000000	0.0000000			
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	1.0840775	0.4761268	0.2753557	0.3325950			
CHAMERAHEP	4.4082182	1.9360894	1.1196874	1.3524413			
CHAMERA-II HEP	5.7754543	2.5365795	1.4669654	1.7719094			
CHAMERA-III HEP	3.3504505	1.4715179	0.8510144	1.0279182			
DADRI CRF	3.9953045	3.2517734	0.7321909	0.0113401			
DADRI GF	5.3081731	2.4753410	0.9542559	1.8785761			
DADRI LF	0.0000000	0.0000000	0.0000000	0.0000000			
DADRI RF	0.0000000	0.0000000	0.0000000	0.0000000			
DADRI TPS	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000		
DADRI-II TPS	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000		
DHAULIGANGA	5.0112342	2.2009341	1.2728535	1.5374467			
DULAHSTI HEP	14.0708561	6.1799200	3.5739974	4.3169387			
JHAJJAR	0.0000000	0.0000000	0.0000000	0.0000000			
ANTA LF	0.0000000	0.0000000	0.0000000	0.0000000			
KOTESHWAR	6.4359178	4.4613782	0.0000000	1.9745396			
NAPP	30.1786740	20.9198568	0.0000000	9.2588172			
NAPTHA JHAKRI*	25.9958083	11.4173590	6.6029353	7.9755140			
RAPP C	37.8002802	16.6018831	9.6012712	11.5971260			
RIHAND STPS	18.9157434	12.7111880	0.0000000	6.2045554			
RIHAND-II STPS	69.1343958	28.9905680	18.2658958	21.8779320			
RIHAND-III STPS	85.5688017	50.3397131	35.2290886	0.0000000			
SEWA-II HEP	0.0000000	0.0000000	0.0000000	0.0000000			
SINGRAULI	89.0065350	18.1284075	44.6764550	26.2016725			
SALAL HEP	10.8571470	8.0994317	2.7577153	0.0000000			
TEHRI HEP	12.5385635	8.6917322	0.0000000	3.8468313			
TANAKPUR	3.2513351	1.4279864	0.8258391	0.9975096			
UNCHAHAR-I	8.7737262	4.7963089	1.5798101	2.3976072			
UNCHAHAR-II	15.1251158	7.4203581	3.1441154	4.5606422			
UNCHAHAR-III	12.7495916	6.4714205	2.4407158	3.8374554			
URI HEP	10.5165660	4.6188758	2.6712078	3.2264824			
URI -II HEP	7.8915935	3.4659879	2.0044647	2.4211409			
TALA**	7.3441568	3.225554	1.865416	2.253187			
PARBATI-III	2.1804823	0.9576678	0.5538425	0.6689720			
FARAKA	8.6821860	4.1370598	2.1275047	2.4176215	0.0000000		
KAHALGAON-I	15.2278870	6.2750592	4.1141562	4.8386716	0.0000000		
KAHALGAON-II	34.4530670	14.4998314	8.9577242	10.9955114	0.0000000		
SASAN	293.5430440	43.5700226	232.1014759	17.8715455	0.0000000		
Talcher							
Nabinagar STPS(BRBCL)	2.9797460						2.9797460
SINGRAULI HYDR	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 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.

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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	Northern Railway (Delhi)
DVC(LT-3) at Ex-NRperiphery	162.669162	70.819601	41.871509	49.978052		
DVC(LT-3) at Ex-NR State Per2012_02	156.831085	68.277937	40.368772	48.184376		
DVC(MEJIA)(LT-4) at Ex-NR Per	47.632080	24.204064	10.214178	13.213837		
DVC(MEJIA)(LT-4) at Ex-NR State Periphery2012_07	45.9142375	23.33114908	9.84580564	12.73728278		
DVC(MEJIA7)(LT-8) at NR Per	55.040022		55.0400220			
DVC(MEJIA7)(LT-8) at NR State periphery2012_01	53.058018		53.0580180			
Haryana CLP Jhajjar(LT-5) at EX-NR per	11.244448			11.2444480		
Haryana CLP Jhajjar(LT-5) at EX-NR State periphery	10.862378			10.8623780		
DVC(MPL-DVC)(LT-6) at Ex-NR per	165.170990			165.1709900		
DVC(MPL-DVC)(LT-6) at Ex-NR State per2012_04	159.237600			159.2376000		
JITPL MT20 at Ex-NR periphery M2018_01	2.5880400					2.5880400
JITPL MT20 at Ex-NR State periphery	2.4941580					2.4941580
Himachal(LT-59) at Ex-NR periphery	1.2051020			1.2051020		
Himachal(LT-59) at Ex-NR state peri	1.1614220			1.1614220		
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR & state periphery	7.6592680	7.6592680				
Nanti Hyd (L_NR_2019_11) at NR periphery	1.3935250			1.3935250		
Nanti Hyd (L_NR_2019_11) at NR State peri	1.3429150			1.3429150		
SEISPPL-MP (L_NR_2019_19) at NR & state PP	17.1123320			17.1123320		
Tarenda Hyd, HP(L_NR2020_02)at NR PP	1.6998500			1.6998500		
Tarenda Hyd, HP(L_NR2020_02)at State PP	1.6382900			1.6382900		
Alfanar wind SECI-3(L_NR2020_05,06 & 07) at NR & state PP	27.0282310	16.2167350	5.4057480	5.4057480		
SECI at NR & state	8.9688090	3.008822	2.975695	2.984292		

* 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	31.9998475	13.8017409	8.1832762	10.0148303	
RIHAND-III STPS	57.4610857	34.0941305	23.3669552	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 STPS	5.0555768	2.1695642	1.2916024	1.5944102	
RIHAND-III STPS	6.3387060	3.7605269	2.5781791	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 STPS	22.5194768	9.6634314	5.8458487	7.0101967	
RIHAND-III STPS	35.5273019	20.9943910	14.5329109	0.0000000	

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

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

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	0.6130388	0.4206013	0.0000000	0.1924375	
RIHAND-II STPS	3.4638195	1.5197003	0.8677005	1.0764187	
RIHAND-III STPS	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 STPS	0.8809512	0.3828037	0.2200212	0.2781262	
RIHAND-III STPS	11.3740094	6.7878968	4.5861126	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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K) Details of Open Cycle operation of G.T.Stations in Delhi

Stations	Unit No.	Date	From(Hrs)	Date	Upto(Hrs)
GT	1	05.11.2020	10:46	05.11.2020	11:50
	2	09.11.2020	9:53	09.11.2020	11:20
		09.11.2020	11:50	09.11.2020	13:30
		10.11.2020	13:30	10.11.2020	18:13
		13.11.2020	14:24	13.11.2020	16:24
PPCL	1	19.11.2020	21:21	19.11.2020	22:30
		20.11.2020	15:08	20.11.2020	20:30
		26.11.2020	14:30	26.11.2020	15:15
	2	23.11.2020	16:33	23.11.2020	17:55
Bawana			-Nil-		

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M) Details of Energy Injected by TOWMCL as per SEM

Month	Total Injection by TOWMCL* in Mus(as per SEM)
Nov'20	11.981573

*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)
Nov'20	2.738317

*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.

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%)
Nov'20	11.568860	4.836941	2.764958	3.378107	0.588855

*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	129.4091410	-13.1940475	19.7971096	-8.02559191
	BYPL	0.0056675	-64.2074300	2.0606009	-13.288004
	TPDDL	45.2528699	-2.1692000	7.1289525	-3.59569012
	NDMC	3.2602943	-9.3564850	1.2459846	-0.01180811
	MES	0.8620598	-1.6556725	0.0583149	-0.20146082
	N. Railway	0.0000000	0.0269890	0.0000000	0
	Total	178.7900325	-90.5558460	30.2909625	-25.1225550
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 consumer purchase through Exchange.