

<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/207/2019-20/Mgr(SO)/EAC/328

Dated: 03.01.2020

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

Sub.: **Provisional Intra-State ABT based Energy Account for the month of December-19.**

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of December-2019.

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 Account has been prepared as per CERC Tariff Regulation for the period 01.04.2017 to 31.03.2020 of DERC vide order dated 31.08.2017 issued for IPGCL / PPCL .

The Accounts are posted in SLDC website also.

This is for your information and further necessary action please.



Encl: As above

(Dinesh Singh)
DGM (Tech.) Energy Accounting

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

Annexure-1

Provisional Energy Accounts for the month of Dec'19

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

Stations	Period	PAFM in %	PAFN in %
RPH#	Apr'19	0.00	0.00
	May'19	0.00	0.00
	June'19	0.00	0.00
	July'19	0.00	0.00
	Aug'19	0.00	0.00
GT	Apr'19	84.07	84.07
	May'19	83.28	83.67
	June'19	87.6	84.96
	July'19	82.3	84.29
	Aug'19	86.77	84.79
	Sept'19	87.77	85.28
	Oct'19	81.52	84.73
	Nov'19	87.13	85.03
	Dec'19	91.92	85.81
	PPCL	Apr'19	92.68
May'19		95.45	94.09
June'19		93.53	93.90
July'19		92.57	93.56
Aug'19		95.38	93.93
Sept'19		95.26	94.15
Oct'19		91.22	93.72
Nov'19		99.16	94.39
Dec'19		102.54	95.31
Bawana		Apr'19	73.50
	May'19	84.53	79.10
	June'19	89.26	82.45
	July'19	92.11	84.91
	Aug'19	91.52	86.25
	Sept'19	86.32	86.26
	Oct'19	77.38	84.97
	Nov'19	92.07	85.85
	Dec'19	92.78	86.63

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.

The PAFM & PAFN shall be calculated with the following formula as per CERC Regulation for FY 17-18 to FY 19-20 dated 31.08.2017.

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

- AUX = Normative Auxiliary Energy Consumption in %
- Dci = Average Declared Capacity (in Ex-bus MW),
- IC = Installed Capacity (in MW) of the Generating station
- N = Number of days during the period i.e. month or the year as the case may be.
- PAFM = Plant Availability factor Achieved during the month in %
- PAFN = Plant Availability factor Achieved during upto the end of month in %

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:

$$\text{CC1} = (\text{AFC}/12) * (\text{PAF1} / \text{NAPAF}) \text{ subject to ceiling of } (\text{AFC}/12)$$

$$\text{CC2} = \text{-----}$$

$$\text{CC3} = \text{-----}$$

$$\text{CC12} = ((\text{AFC}) * (\text{PAFY} / \text{NAPAF})) \text{ subject to ceiling of } (\text{AFC}) - (\text{CC1} + \text{CC2} + \text{CC3} + \text{CC4} + \text{CC5} + \text{CC6} + \text{CC7} + \text{CC8} + \text{CC9} + \text{CC10} + \text{CC11})$$

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Dec'19

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
RPH	Apr'19	43.920	25.400	30.680	0.000	0.000		
	May'19	43.920	25.400	30.680	0.000	0.000		
	June'19	43.920	25.400	30.680	0.000	0.000		
	July'19	43.920	25.400	30.680	0.000	0.000		
	Aug'19	43.920	25.400	30.680	0.000	0.000		
GT	Apr'19	61.030	8.589	30.251	0.000	0.000	0.130	
	May'19	61.030	8.589	30.251	0.000	0.000	0.130	
	June'19	61.030	8.589	30.251	0.000	0.000	0.130	
	July'19	61.030	8.589	30.251	0.000	0.000	0.130	
	Aug'19	61.030	8.589	30.251	0.000	0.000	0.130	
	Sept'19	60.885	8.567	30.178	0.000	0.000	0.000	0.37
	Oct'19	60.885	8.567	30.178	0.000	0.000	0.000	0.37
	Nov'19	60.885	8.567	30.178	0.000	0.000	0.000	0.37
Dec'19	60.885	8.567	30.178	0.000	0.000	0.000	0.37	
PPCL	Apr'19	28.290	16.070	19.280	30.300	6.060		
	May'19	28.290	16.070	19.280	30.300	6.060		
	June'19	28.290	16.070	19.280	30.300	6.060		
	July'19	28.290	16.070	19.280	30.300	6.060		
	Aug'19	28.290	16.070	19.280	30.300	6.060		
	Sept'19	28.290	16.070	19.280	30.300	6.060		
	Oct'19	28.290	16.070	19.280	30.300	6.060		
	Nov'19	28.290	16.070	19.280	30.300	6.060		
Dec'19	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'19	31.130	18.000	21.750	7.300	1.820	10	10
	May'19	31.130	18.000	21.750	7.300	1.820	10	10
	June'19	31.130	18.000	21.750	7.300	1.820	10	10
	July'19	31.130	18.000	21.750	7.300	1.820	10	10
	Aug'19	31.130	18.000	21.750	7.300	1.820	10	10
	Sept'19	31.130	18.000	21.750	7.300	1.820	10	10
	Oct'19	31.130	18.000	21.750	7.300	1.820	10	10
	Nov'19	31.130	18.000	21.750	7.300	1.820	10	10
Dec'19	31.130	18.000	21.750	7.300	1.820	10	10	

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

Stations	Period	BRPL	BYPL	TPDDL	NDMC
MSW Bawana	Dec'19	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 Dec'19	31.130	18.000	21.750	7.300	1.820	10	10
PPCL	Upto Dec'19	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'19	60.966	8.578	30.219	0.000	0.000	0.073	0.164

- * 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 12.11.2018.
- **** **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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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	0.200000	0.0000	0.0000	0.0000		0.200000
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

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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	67.827	50.599	16.299	0.929		
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		
SASAN	11.250	1.6686	7.8971	1.6843		
Talcher	0.1174	0.0000	0.0000	0.0000		0.1174
SINGRAULI HYDRO	19.130	0.0000	0.0000	19.130		

**State Load Despatch Centre
Provisional Energy Accounts for the month of Dec'19**

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	19.93036913
	BYPL	2.741514142
	TPDDL	10.39281673
	RPH	0.354300
	MES	0.000000
	Total	33.419000
GT(S-RLNG)	BRPL	0.000000
	BYPL	0.000000
	TPDDL	0.000000
	NDMC	0.000000
	MES	0.000000
	Total	0.000000
PPCL(APM, PMT,RLNG)	BRPL	34.200954
	BYPL	18.931270
	MES	6.979122
	NDMC	35.266000
	TPDDL	23.020654
	Total	118.398000

*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 Tariff Regulation dated 31.08.2017 regarding IPGCL & PPCL Generating Stations for MYT control Period FY 2017-18 to 2019-20 , & CERC Tariff Regulation for 2014-19 for BTPS & Bawana, the salient features are as under.

Details of Tariff component	PPCL	GT	Bawana	BTPS	
Normative Annual Plant Availability Factor in %	85	85	85	85	
SHR in Kcal/Kwh	Closed Cycle	2000	2450	1845	2750
	Open Cycle	2900	3125	2756	
Aux. Cons in %	Closed Cycle	2	2	2.75	8.5
	Open Cycle	0.5	0.5	1	

Note: DERC vide order dated 17.10.2019 clarified & direct to SLDC to considered Aux. Consumption 2.5 % for to determine the Plant Availability factor of GT & PPCL by commision for PPCL & GT stn as per Tariff regulation 2017. .

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

Stations	Licensees	Scheduled Energy
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	69.858212
	BYPL	40.578714
	MES	4.449187
	NDMC	16.504744
	TPDDL	46.297571
	HARYANA	17.147922
	PUNJAB	14.834481
Total	209.670831	
Bawana (RLNG)	BRPL	26.536068
	BYPL	1.282209
	MES	0.717419
	NDMC	2.401024
	TPDDL	12.032266
	HARYANA	0.205171
	PUNJAB	0.213676
Total	43.387833	
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	

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

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC	BTPS
ANTA GF	0.0000000	0.0000000	0.0000000	0.0000000		
ANTA RF	0.0000000	0.0000000	0.0000000	0.0000000		
AURIYA GF		0.0000000	0.0000000	0.0000000		
AURIYA LF		0.0000000	0.0000000	0.0000000		
AURIYA RF		0.0000000	0.0000000	0.0000000		
BAIRASIUL	2.7086400	1.1896347	0.6879946	0.8310108		
CHAMERAHEP	6.3219279	2.7765907	1.6057697	1.9395675		
CHAMERA-II HEP	5.9453720	2.6112074	1.5101245	1.8240401		
CHAMERA-III HEP	3.3262902	1.4609067	0.8448777	1.0205058		
DADRI GF	3.2482792	1.8186593	0.4212844	1.0083355		
DADRI LF		0.0000000	0.0000000	0.0000000		
DADRI RF	0.0164400	0.0072191	0.0041738	0.0050472	0.0000000	
DADRI TPS	108.1218920	75.5253385	9.8479056	1.4480518	21.3005961	
DADRI-II TPS	203.9400782	158.0438819	43.8438009	2.0523954	0.0000000	
DHAULIGANGA	4.8555747	2.1325684	1.2333160	1.4896903		
DULAHSTI HEP	14.2113768	6.2416367	3.6096897	4.3600504		
JHAJJAR	0.4603026	0.1583824	0.0298786	0.2720417		
KOLDEM HEP		0.0000000	0.0000000	0.0000000		
KOTESHWAR	8.2287123	5.7041434	0.0000000	2.5245689		
NAPP	32.6233643	22.6145161	0.0000000	10.0088482		
NAPTHA JHAKRI*	22.6178973	9.9337805	5.7449459	6.9391709		
RAPP C	35.7162721	15.6865867	9.0719331	10.9577523		
RIHAND STPS	26.9311709	18.5993934	0.0000000	8.3317775		
RIHAND-II STPS	82.5521215	35.8170660	21.5521090	25.1829465		
RIHAND-III STPS	91.4715214	54.0193773	37.4521441	0.0000000		
SEWA-II HEP	4.5318335	1.9903813	1.1510857	1.3903665		
SINGRAULI	89.5345072	17.1317451	44.7490432	27.6537190		
SALAL HEP	15.7329100	11.7367509	3.9961591	0.0000000		
TEHRI HEP	15.2401275	10.5644564	0.0000000	4.6756711		
TANAKPUR	1.3257721	0.5822791	0.3367461	0.4067469		
UNCHAHAAR-I	11.8574610	5.8501536	3.0413560	2.9659514		
UNCHAHAAR-II	23.1400600	11.3034904	6.1409352	5.6956344		
UNCHAHAAR-III	14.3333157	7.0015590	3.8037915	3.5279652		
URI HEP	30.6026040	13.4406637	7.7730614	9.3888789		
URI -II HEP	19.3358430	8.4923022	4.9113041	5.9322366		
TALA**	3.1309468	1.375112	0.795260	0.960574		
PARBATI-III	1.8956590	0.8325734	0.4814974	0.5815882		
FARAKA	10.6590450	4.6265981	2.7385534	3.2938935	0.0000000	
KAHALGAON-I	24.3811030	10.1582083	6.5783650	7.6445298	0.0000000	
KAHALGAON-II	92.4313840	39.4140500	24.1749442	28.8423897	0.0000000	
SASAN	307.6683350	45.5635719	243.4032260	18.7015370	0.0000000	
Talcher	1.3209130					1.3209130
SINGRAULI HYDRO	0.0000000	0.0000000	0.0000000	0.0000000		

All Hydro stns, Nuclear Stns & 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.

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 for State in Mus	BRPL	BYPL	TPDDL	NDMC	Northern Railway (Delhi)
DVC(LT-3) at Ex-NR periphery	170.793165	76.483888	43.456169	50.853108		
DVC(LT-3) at Ex-NR State Per	168.655020	75.526393	42.912145	50.216483		
DVC(MEJIA)(LT-4) at Ex-NR Per	48.486072	24.353897	12.360426	11.771749		
DVC(MEJIA)(LT-4) at Ex-NR State Periphery	47.872365	24.04564006	12.20397508	11.62274985		
DVC(MEJIA7)(LT-8) at NR Per	66.206330		66.2063300			
DVC(MEJIA7)(LT-8) at NR State periphery	65.379340		65.3793400			
Haryana CLP Jhajjar(LT-5) at EX-NR per	34.667918			34.6679180		
Haryana CLP Jhajjar(LT-5) at EX-NR State periphery	33.822232			33.8222320		
DVC(MPL-DVC)(LT-6) at Ex-NR per	167.429820			167.4298200		
DVC(MPL-DVC)(LT-6) at Ex-NR State per	165.349552			165.3495520		
JITPL MT20 at Ex-NR periphery	4.8352750					4.8352750
JITPL MT20 at Ex-NR State periphery	4.7755300					4.7755300
Himachal(LT-59) at Ex-NR periphery	1.1473680			1.1473680		
Himachal(LT-59) at Ex-NR state peri	1.1172880			1.1172880		
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR periphery	12.5061480	12.5061480				
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR State peri	12.5061480	12.5061480				
Nanti Hyd (L_NR_2019_11) at NR periphery	1.2380420			1.2380420		
Nanti Hyd (L_NR_2019_11) at NR State peri	1.2064480			1.2064480		
SEISPPL-MP (L_NR_2019_19) at NR periphery	10.2061350			10.2061350		
SEISPPL-MP (L_NR_2019_19) at NR state peri	10.2061350			10.2061350		
SECI	9.0253600	3.170845	2.834585	3.01993		

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

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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 STPS	70.6874902	41.8981582	28.7893320	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= Scheduled Generation in MW for the ith time block of the period,

N = Number of time blocks during the period, and

AUXn = 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	02.12.2019	17:10	05.12.2019	18:15
		16.12.2019	9:15	16.12.2019	9:45
		25.12.2019	14:25	25.12.2019	14:58
		28.12.2019	10:36	28.12.2019	11:04
	2	09.12.2019	12:25	09.12.2019	14:05
		14.12.2019	17:10	14.12.2019	18:48
	5	09.12.2019	3:11	09.12.2019	6:58
		09.12.2019	8:56	09.12.2019	11:30
	6	09.12.2019	2:46	09.12.2019	6:58
		09.12.2019	8:56	09.12.2019	13:21
		13.12.2019	16:16	13.12.2019	18:58
		25.12.2019	13:15	25.12.2019	15:35
PPCL	1	27.12.2019	13:25	27.12.2019	14:14
	2	28.12.2019	8:58	28.12.2019	10:24
		30.12.2019	6:10	30.12.2019	8:03
Bawana	1	21.12.2019	20:56	21.12.2019	21:44
	2	17.12.2019	1:29	17.12.2019	7:45
		28.12.2019	1:00	28.12.2019	15:37
	4	16.12.2019	0:30	16.12.2019	4:00

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M) Details of Energy Injected by TOWMCL as per SEM

Month	Total Injection by TOWMCL* in Mus(as per SEM)
Dec'19	11.828064

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

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

all figures are in Mus

Month	Total	BRPL	BYPL	TPDDL	NDMC
Dec'19	2.873678		1.408102		

*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%)
Dec'19	7.4926128	3.132661	1.790734	2.187843	0.381374

*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 28.02.2017 at 0.00 Hrs

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

Energy Exchange	Licensees	Purchase	Sale
IEX	BRPL	166.6326406	-13.6442425
	BYPL	14.9494964	-49.3363200
	TPDDL	104.0799726	-4.3790550
	NDMC	20.5239735	-0.2028000
	MES	7.1834220	-0.2294650
	N. Railway	2.0580774	0.0000000
	Total	315.4275825	-67.7918825
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.