

<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/448

Dated: 06.08.2019

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 July-19.**

Sir,

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



Manager(EAC/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 July'19

Annexure-1

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
GT	Apr'19	83.64	83.64
	May'19	82.85	83.24
	June'19	87.16	84.53
	July'19	81.88	83.86
PPCL	Apr'19	92.21	92.21
	May'19	94.96	93.61
	June'19	93.05	93.42
	July'19	92.09	93.09
Bawana	Apr'19	73.50	73.50
	May'19	84.53	79.10
	June'19	89.26	82.45
	July'19	92.11	84.91

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.

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

- 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 July'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	MP
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		
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	
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		

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

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

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

Stations	Period	BRPL	BYPL	TPDDL	NDMC
MSW Bawana	July'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 July'19	31.130	18.000	21.750	7.300	1.820	10	10
PPCL	Upto July'19	28.2900	16.0700	19.2800	30.3000	6.0600		

Cum. Weighted Avg. entitlement of beneficiaries from GT & RPH

Stations	Period	BRPL	BYPL	TPDDL	NDMC	MES	IP
GT	Upto July'19	61.030	8.589	30.251	0.000	0.000	0.130
RPH	Upto July'19	43.9200	25.4000	30.6800	0.0000	0.0000	

- * 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.

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

C) Weighted Avg. entitlement of Distribution Licensees from ISGS

Stations	Total share in %	BRPL	BYPL	TPDDL	NDMC
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	7.8557	1.7257	
UNCHAHAAR-IV	0.000	0.0000	0.0000	0.0000	
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 July'19

D) Cum. Weighted Avg. entitlement of Distribution Licensees from ISGS

Stations	Total share in %	BRPL	BYPL	TPDDL	NDMC
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	
KAHALGAON-II	10.490	4.607	2.665	3.218	
SASAN	11.250	1.6686	7.4313	2.1501	
UNCHAHAR-IV	0.221	0.0000	0.0000	0.2210	
SINGRAULI HYDRO	19.130	0.0000	0.0000	19.130	

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

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

Stations	Licensees	Scheduled Energy
RPH*	BRPL	-0.228735
	BYPL	-0.132283
	TPDDL	-0.159781
	NDMC	0.000000
	MES	0.000000
	Total	-0.520800
GT(APM, PMT,RLNG)	BRPL	37.512940
	BYPL	3.938718
	TPDDL	15.237691
	IP	0.260400
	MES	0.000000
	Total	56.949750
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	46.307767
	BYPL	25.241918
	MES	10.028374
	NDMC	47.237336
	TPDDL	31.283856
	Total	160.099250

*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: 0.5 % Auxiliary Consumption at normative PLF of plant capavcity as a other part of expenses under fixed cost approved by commision for PPCL & GT.

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

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	73.921150
	BYPL	42.827938
	MES	4.319117
	NDMC	17.332881
	TPDDL	51.645380
	HARYANA	23.940506
	PUNJAB	23.943027
Total	237.930000	
Bawana (RLNG)	BRPL	37.908233
	BYPL	24.471162
	MES	8.107524
	NDMC	7.079681
	TPDDL	28.347722
	HARYANA	7.271291
	PUNJAB	7.237290
Total	120.422903	
Bawana (S-RLNG)	BRPL	0.669736
	BYPL	0.006054
	MES	0.031607
	NDMC	0.002455
	TPDDL	1.899395
	HARYANA	0.000000
	PUNJAB	0.000000
Total	2.609248	

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

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

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC
ANTA GF	0.0299250	0.0131430	0.0076011	0.0091809	
ANTA RF	0.0221201	0.0082861	0.0047840	0.0090500	
AURIYA GF	1.7047136	0.8106824	0.2539496	0.6400816	
AURIYA LF		0.0000000	0.0000000	0.0000000	
AURIYA RF		0.0000000	0.0000000	0.0000000	
BAIRASIUL	6.2071240	2.7261689	1.5766095	1.9043456	
CHAMERAHEP	31.6844024	13.9157895	8.0478382	9.7207747	
CHAMERA-II HEP	28.7908028	12.6449206	7.3128639	8.8330183	
CHAMERA-III HEP	20.9067200	9.1822314	5.3103069	6.4141817	
DADRI GF	2.4723912	1.2412196	0.3310239	0.9001477	
DADRI LF		0.0000000	0.0000000	0.0000000	
DADRI RF	0.2099731	0.0068588	0.0039715	0.1991428	
DADRI TPS	266.3732813	199.6480741	21.7829697	2.5520576	42.3901799
DADRI-II TPS	375.4263310	288.1868164	84.1896538	3.0498608	
DHAULIGANGA	26.2663341	11.5361739	6.6716489	8.0585113	
DULAHSTI HEP	29.7879570	13.0828707	7.5661411	9.1389452	
JHAJJAR	138.5298755	3.7459425	16.8108635	117.9730695	
KOLDEM HEP		0.0000000	0.0000000	0.0000000	
KOTESHWAR	8.7220574	6.0461302	0.0000000	2.6759272	
NAPP	30.0692665	20.8440155	0.0000000	9.2252510	
NAPTHA JHAKRI*	111.6750194	49.0476685	28.3654549	34.2618960	
RAPP C	38.8547359	17.0650000	9.8691029	11.9206330	
RIHAND STPS	40.2677987	27.1736823	0.0000000	13.0941164	
RIHAND-II STPS	43.1724901	18.5044286	11.0736800	13.5943816	
RIHAND-III STPS	87.8293565	52.2753194	35.5540371	0.0000000	
SEWA-II HEP	7.2420285	3.1806989	1.8394752	2.2218543	
SINGRAULI	81.2574747	15.6522919	38.9804121	26.6247707	
SALAL HEP	56.5359516	42.1758199	14.3601317	0.0000000	
TEHRI HEP	11.4842547	7.9608854	0.0000000	3.5233693	
TANAKPUR	7.1099940	3.1227094	1.8059385	2.1813462	
UNCHAHAAR-I	10.5682784	5.2027062	2.6854147	2.6801575	
UNCHAHAAR-II	17.9940414	8.9213881	4.5694562	4.5031971	
UNCHAHAAR-III	14.5716585	7.2245816	3.7003669	3.6467100	
URI HEP	33.4466172	14.6897543	8.4954408	10.2614222	
URI -II HEP	22.8821979	10.0498613	5.8120783	7.0202583	
TALA**		0.0000000	0.0000000	0.0000000	
PARBATI-III	19.1207312	8.3978251	4.8566657	5.8662403	
FARAKA	11.3365340	5.1912788	2.4491867	3.6960686	
KAHALGAON-I	20.2921420	8.7467425	5.3639972	6.1814023	
KAHALGAON-II	80.6522970	35.5771856	19.9646478	25.1104637	
SASAN	263.1559590	39.5745253	181.4836483	42.0977855	
UNCHAHAAR-IV	0.0000000	0.0000000	0.0000000	0.0000000	
SINGRAULI HYDRO	0.4242295	0.0000000	0.0000000	0.4242295	

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

Note: The above Scheduled energy include the URS energy booked to Delhi Discoms.

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

G) Details of Energy Scheduled to the Licensees (in Mus) from Long term Bilaterals/Medium Term

Stations	Total for	BRPL	BYPL	TPDDL	NDMC	Northern Railway (Delhi)
	State in Mus					
DVC(LT-3) at Ex-NR periphery	190.844188	84.255093	47.493166	59.095929		
DVC(LT-3) at Ex-NR State periphery	188.678692	83.299056	46.954264	58.425372		
DVC(MEJIA)(LT-4) at Ex-NR Periphery	52.401355	25.179168	14.679690	12.542497		
DVC(MEJIA)(LT-4) at Ex-NR State Periphery	51.80632	24.89325004	14.51299686	12.4000731		
DVC(MEJIA7)(LT-8) at NR periphery	4.794075		4.7940750			
DVC(MEJIA7)(LT-8) at NR State periphery	4.737062		4.7370620			
Haryana CLP Jhajjar(LT-5) at EX-NR periphery	57.089550			57.0895500		
Haryana CLP Jhajjar(LT-5) at EX-NR State periphery	56.089892			56.0898920		
DVC(MPL-DVC)(LT-6) at Ex-NR periphery	82.461995			82.4619950		
DVC(MPL-DVC)(LT-6) at Ex-NR State periphery	81.528865			81.5288650		
JITPL MT20 at Ex-NR periphery	6.2612720					6.2612720
JITPL MT20 at Ex-NR State periphery	6.1904380					6.1904380
Himachal(LT-59) at Ex-NR periphery	8.2233320			8.2233320		
Himachal(LT-59) at Ex-NR state periphery	7.9980020			7.9980020		
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR periphery	20.2597000	20.2597000				
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR State periphery	20.2597000	20.2597000				
SECI	10.2009700	3.232442	3.43165	3.536878		

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

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

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	20.3920311	11.9819978	8.4100333	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)

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

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

Stations	Unit No.	Date	From(Hrs)	Date	Upto(Hrs)
GT	1	12.07.2019	14:35	12.07.2019	16:09
	2	01.07.2019	13:59	01.07.2019	15:05
		01.07.2019	23:40	02.07.2019	0:20
		02.07.2019	22:20	02.07.2019	23:05
		12.07.2019	14:35	12.07.2019	16:09
		23.07.2019	12:35	23.07.2019	16:15
	3	01.07.2019	21:55	01.07.2019	22:25
		04.07.2019	2:35	04.07.2019	3:15
		08.07.2019	23:50	08.07.2019	0:00
		01.07.2019	17:51	01.07.2019	22:25
		5	10.07.2019	17:30	10.07.2019
	11.07.2019		18:34	11.07.2019	22:10
	12.07.2019		10:50	12.07.2019	12:38
	21.07.2019		17:28	21.07.2019	18:50
	6		11.07.2019	21:20	11.07.2019
		12.07.2019	10:50	12.07.2019	12:08
		19.07.2019	23:10	20.07.2019	0:25
		21.07.2019	17:55	21.07.2019	19:10
		23.07.2019	12:11	23.07.2019	12:41
	PPCL	1	24.07.2019	11:11	24.07.2019
30.07.2019			9:10	30.07.2019	10:06
	2	19.07.2019	4:55	19.07.2019	6:27
Bawana	3	03.07.2019	20:15	04.07.2019	1:45
		09.07.2019	11:19	09.07.2019	16:15
		26.07.2019	12:15	26.07.2019	13:33
	4	04.07.2019	13:15	04.07.2019	15:37

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

M) Details of Energy Injected by TOWMCL as per SEM

Month	Total Injection by TOWMCL* in Mus(as per SEM)
July'19	12.500699

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

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

all figures are in Mus

Month	Total	BRPL	BYPL	TPDDL	NDMC
July'19	2.062341		1.010547		

*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%)
July'19	10.5561324	4.413519	2.522916	3.082391	0.537307

*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

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

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

Energy Exchange	Licensees	Purchase	Sale
IEX	BRPL	15.9579125	-34.9141750
	BYPL	6.9657725	-26.3256300
	TPDDL	62.9258025	-13.3049250
	NDMC	0.0000000	-19.4605475
	MES	0.0000000	0.0000000
	Total	85.8494875	-94.0052775
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.