

<p>Office of  <b>Manager (System Operation)</b>  33kV Grid Sub-Station Building  Minto Road, New Delhi-110002  Ph. No. 23211207  Fax No. 23221012, 23221059</p>		<p><b>DELHI TRANSCO LIMITED</b>  <b>STATE LOAD DESPATCH CENTER</b>  REGD. OFFICE : SHAKTI SADAN BUILDING, KOTLA  ROAD, NEW DELHI-110002  <a href="http://www.dtl.gov.in">www.dtl.gov.in</a>      <a href="http://www.delhisldc.org">www.delhisldc.org</a></p>
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No. F.DTL/207/2019-20/Mgr(SO)/EAC/96

Dated: 04.10.2019

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,Headquarter Office, Baroda House, N. Delhi  
SE (Commercial), NRPC

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

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of September-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**  
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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
	Aug'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
	Aug'19	86.33	84.36
PPCL	Sept'19	87.32	84.84
	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	Aug'19	94.89	93.45
	Sept'19	94.77	93.67
	Apr'19	73.50	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

# 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.

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

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 %

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:

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

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

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

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

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**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	<b>60.885</b>	<b>8.567</b>	<b>30.178</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.37</b>
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		

**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

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

Stations	Period	BRPL	BYPL	TPDDL	NDMC
MSW Bawana	Sept'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 Sept'19	31.130	18.000	21.750	7.300	1.820	10	10
PPCL	Upto Sept'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 Sept'19	61.006	8.585	30.239	0.000	0.000	0.109	0.061

- \* COD of GT#1 & GT #2 with associated WHR unit#1 of BAWANA are on 27.12.2011, 00:00 hrs, 16.07.2012 at 00:00 hrs & 01.04.2012,00:00 hrs respectively  
 IC of BAWANA GTUnit #1&#2 216 MW (as decided in the meeting held on 03.02.12 at Bawana CCGT)  
 Associated WHRUnit#1 126.8MW  
 Associated WHRUnit#2 126.8MW (CoD on 14.02.2012 at 0.00 Hrs)  
 COD on Open Cycle of GT#3 of Module-2 of BAWANA on 28/10/13 at 0.00 Hrs  
 COD on Open Cycle of GT#4 of Module-2 of BAWANA on 27/02/14 at 0.00 Hrs  
 COD on combined Cycle of complete Module-2 of Bawana on 27.03.2014 at 00.00 Hrs(WHR unit of 253.06 MW declared in Commercial Operation w.e.f 27.03.2014).
- \*\* 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	<b>15.483</b>	<b>11.550</b>	<b>3.721</b>	<b>0.212</b>		
DHAULIGANGA	13.210	5.802	3.355	4.053		
DULAHSTI HEP	12.830	5.635	3.259	3.936		
JHAJJAR	46.200	0.6653	4.6154	40.9193		
KOLDAM HEP	0.000	0.000	0.000	0.000		
KOTESHWAR	9.860	6.835	0.000	3.025		
NAPP	10.680	7.403	0.000	3.277		
NATHPA 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	<b>11.250</b>	<b>1.6686</b>	<b>7.8557</b>	<b>1.7257</b>		
Talcher	<b>0.200000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.200000</b>
SINGRAULI HYDRO	19.130	0.0000	0.0000	19.130		

The allocation from Sasan, Singrauli, Dadri(Th)-I & Jhajjar was revised w.e.f. 01.08.2014 as per DERC order for FY14-15 & further allocation from sasan, BTPS & GT are revised w.e.f 08.10.2015 as per DERC Tariff order for FY 15-16. The swapping of power b/w TPDDL & BYPL from Sasan & BTPS as done by DERC vide Tariff order for FY 15-16 has been stayed by ATE & stay is implemented w.e.f 04.05.16 with the direction of DERC

\*Allocation from GT, Dadri(th)-I&II, Sasan, Aravli Jhajjar, Rihand-I, NAPP & all NHPC Stns has been changed as per DERC Order dated 27.03.18 w.e.f 01.04.2018

\*\*Allocation from Singrauli Hydro to TPDDL as per NRPC Allocation order w.e.f. 08.03.2018

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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	<b>64.606</b>	<b>48.196</b>	<b>15.525</b>	<b>0.885</b>		
DHAULIGANGA	13.210	5.802	3.355	4.053		
DULAHSTI HEP	12.830	5.635	3.259	3.936		
JHAJJAR	46.200	0.6653	4.6154	40.9193		
KOLDAM HEP	0.000	0.000	0.000	0.000		
KOTESHWAR	9.860	6.835	0.000	3.025		
NAPP	10.680	7.403	0.000	3.277		
NATHPA 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		
<b>SASAN</b>	<b>11.250</b>	<b>1.6686</b>	<b>7.5728</b>	<b>2.0086</b>		
<b>Talcher</b>	<b>0.075940</b>	0.0000	0.0000	0.2210		<b>0.075940</b>
SINGRAULI HYDRO	19.130	0.0000	0.0000	19.130		

**State Load Despatch Centre  
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**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	30.563017
	BYPL	4.382790
	TPDDL	14.787193
	RPH	0.720000
	MES	0.000000
	Total	50.453000
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	35.188536
	BYPL	17.210722
	MES	6.444533
	NDMC	31.223399
	TPDDL	21.489560
	Total	111.556750

\*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	<b>85</b>	85	85
SHR in Kcal/Kwh	Closed Cycle	2000	2450	1845	2750
	Open Cycle	2900	3125	2756	
Aux. Cons in %	Closed Cycle	2	2	<b>2.75</b>	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.

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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	106.822509
	BYPL	41.390406
	MES	4.174101
	NDMC	16.604787
	TPDDL	15.113331
	HARYANA	23.078932
	PUNJAB	23.215934
Total	230.400000	
Bawana (RLNG)	BRPL	155.373013
	BYPL	25.884879
	MES	3.306836
	NDMC	6.387673
	TPDDL	8.326353
	HARYANA	6.388188
	PUNJAB	6.389649
Total	212.056590	
Bawana (S-RLNG)	BRPL	24.384255
	BYPL	0.246331
	MES	0.006907
	NDMC	0.002605
	TPDDL	0.026724
	HARYANA	0.090368
	PUNJAB	0.090368
Total	24.847558	



**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	1.8301841	0.8054600	0.4653769	0.5593472		
ANTA RF	0.0121607	0.0053408	0.0030873	0.0037326		
AURIYA GF	5.1622404	3.1242735	0.4694950	1.5684719		
AURIYA LF		0.0000000	0.0000000	0.0000000		
AURIYA RF	0.0249962	0.0002390	0.0001381	0.0246190		
BAIRASIUL	3.4146750	1.4997253	0.8673275	1.0476223		
CHAMERAHEP	19.2542267	8.4564564	4.8905736	5.9071968		
CHAMERA-II HEP	2.3115244	1.0152215	0.5871272	0.7091757		
CHAMERA-III HEP	14.1343567	6.2078095	3.5901266	4.3364206		
DADRI GF	12.8507656	6.7871755	2.0238386	4.0397515		
DADRI LF		0.0000000	0.0000000	0.0000000		
DADRI RF	0.5585578	0.0696012	0.0402571	0.4486995	0.0000000	
DADRI TPS	353.3999836	267.9459264	29.3639999	2.2654069	53.8246504	
DADRI-II TPS	41.6944483	31.9297534	9.5713538	0.1933411	0.0000000	
DHAULIGANGA	24.4867136	10.7545646	6.2196253	7.5125237		
DULAHSTI HEP	28.2395031	12.4027898	7.1728338	8.6638796		
JHAJJAR	97.7449991	2.7044515	12.6055288	82.4350189		
KOLDEM HEP		0.0000000	0.0000000	0.0000000		
KOTESHWAR	12.4489433	8.6296075	0.0000000	3.8193358		
NAPP	29.0829207	20.1602806	0.0000000	8.9226401		
NAPTHA JHAKRI*	96.1240906	42.2177006	24.4155190	29.4908710		
RAPP C	35.7578578	15.7048511	9.0824959	10.9705108		
RIHAND STPS	62.6098465	43.3531398	0.0000000	19.2567067		
RIHAND-II STPS	54.3513832	23.6917690	14.1016019	16.5580122		
RIHAND-III STPS	86.7757671	51.6667872	35.1089799	0.0000000		
SEWA-II HEP	2.8913794	1.2698938	0.7344104	0.8870752		
SINGRAULI	70.8769408	14.0052835	35.1266119	21.7450454		
SALAL HEP	54.0958935	40.3555366	13.7403569	0.0000000		
TEHRI HEP	24.4484590	16.9476718	0.0000000	7.5007872		
TANAKPUR	7.3058458	3.2087275	1.8556848	2.2414335		
UNCHAHAAR-I	9.6836305	5.1731956	2.6952069	1.8152280		
UNCHAHAAR-II	21.1058615	11.3572785	5.8116940	3.9368890		
UNCHAHAAR-III	13.3155869	7.1652526	3.6665699	2.4837644		
URI HEP	22.3372446	9.8105178	5.6736601	6.8530666		
URI -II HEP	15.3523697	6.7427608	3.8995019	4.7101070		
TALA**		0.0000000	0.0000000	0.0000000		
PARBATI-III	10.5218150	4.6211811	2.6725410	3.2280928		
FARAKA	10.4715540	4.6631641	2.6543977	3.1539921	0.0000000	
KAHALGAON-I	25.4321560	11.1311717	6.8826852	7.4182991	0.0000000	
KAHALGAON-II	85.6710690	38.6496882	21.8253339	25.1960468	0.0000000	
SASAN	289.1687000	43.3330795	201.8563337	43.9792868	0.0000000	
Talcher	0.6257310					0.6257310
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	102.762402	46.606895	26.015824	30.139683		
DVC(LT-3) at Ex-NR State periphery	101.798420	46.169690	25.771778	29.856952		
DVC(MEJIA)(LT-4) at Ex-NR Periphery	34.761838	16.738941	9.430783	8.592114		
DVC(MEJIA)(LT-4) at Ex-NR State Periphery	34.423835	16.57618201	9.339083634	8.508569357		
DVC(MEJIA7)(LT-8) at NR periphery	19.234895		19.2348950			
DVC(MEJIA7)(LT-8) at NR State periphery	19.050690		19.0506900			
Haryana CLP Jhajjar(LT-5) at EX-NR periphery	41.264812			41.2648120		
Haryana CLP Jhajjar(LT-5) at EX-NR State periphery	40.605578			40.6055780		
DVC(MPL-DVC)(LT-6) at Ex-NR periphery	159.031310			159.0313100		
DVC(MPL-DVC)(LT-6) at Ex-NR State periphery	157.582522			157.5825220		
JITPL MT20 at Ex-NR periphery	4.3719220					4.3719220
JITPL MT20 at Ex-NR State periphery	4.3303750					4.3303750
Himachal(LT-59) at Ex-NR periphery	6.5118550			6.5118550		
Himachal(LT-59) at Ex-NR state periphery	6.3620900			6.3620900		
Tuticorin_GIREL ( L_NR_2018_61) at Ex-NR periphery	10.6456880	10.6456880				
Tuticorin_GIREL ( L_NR_2018_61) at Ex-NR State periphery	10.6456880	10.6456880				
SECI	10.2536800	3.483805	3.3186	3.451275		

\* 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	5.6444005	3.8360115	0.0000000	1.8083890	
RIHAND-II STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-III STPS	71.1605378	42.0034739	29.1570639	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)	
<b>GT</b>	1	03.09.2019	21:15	03.09.2019	22:05	
		11.09.2019	17:44	11.09.2019	21:40	
		28.09.2019	10:18	28.09.2019	10:30	
		30.09.2019	8:05	30.09.2019	16:43	
	2	03.09.2019	21:15	03.09.2019	23:29	
		11.09.2019	17:02	11.09.2019	21:40	
	5	11.09.2019	2:24	11.09.2019	3:00	
		11.09.2019	7:01	11.09.2019	8:15	
	6	10.09.2019	22:25	11.09.2019	1:56	
		11.09.2019	7:01	11.09.2019	7:50	
	<b>PPCL</b>	1	05.09.2019	14:40	05.09.2019	19:11
			21.09.2019	10:23	21.09.2019	11:40
21.09.2019			13:10	21.09.2019	14:10	
2		10.09.2019	22:34	11.09.2019	1:15	
<b>Bawana</b>	1	02.09.2019	14:04	02.09.2019	16:00	
		07.09.2019	12:10	07.09.2019	13:45	
		19.09.2019	12:29	19.09.2019	14:30	

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

Month	Total Injection by TOWMCL* in Mus(as per SEM)
Sept'19	12.051853

\*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
Sept'19	2.024752		0.992128		

\*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%)
Sept'19	11.0318736	4.612426	2.636618	3.221307	0.561522

\*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	90.1956498	-1.9491175
	BYPL	26.4781191	-10.8793550
	TPDDL	118.2299789	-6.2830025
	NDMC	0.0000000	-4.8022825
	MES	6.5499297	0.0000000
	Total	241.4536775	-23.9137575
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.