

Office of
Manager (System Operation)
33kV Grid Sub-Station Building
Minto Road, New Delhi-110002
Ph. No. 23211207
Fax No. 23221012, 23221059



DELHI TRANSCO LIMITED
STATE LOAD DESPATCH CENTER
REGD. OFFICE : SHAKTI SADAN BUILDING, KOTLA
ROAD, NEW DELHI-110002
www.dtl.gov.in www.delhisldc.org

No. F.DTL/207/2020-21/Mgr(SO)/EAC/771

Dated: 06.10.2020

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 Sept-2020.

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of Sept-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 Sept'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
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	93.95	93.93

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

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

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.

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

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 Sept'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
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		

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

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

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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'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 Sept'20	31.786	16.033	21.750	8.611	1.820	10	10
PPCL	Upto Sept'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 Sept'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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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		
UNCHAAR-I	5.710	2.508	1.450	1.752		
UNCHAAR-II	11.190	4.9146	2.8423	3.4331		
UNCHAAR-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	7.8557	1.7257		
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

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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	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		
UNCHA HAR-I	5.710	2.508	1.450	1.752		
UNCHA HAR-II	11.190	4.9146	2.8423	3.4331		
UNCHA HAR-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	7.5173	2.0641		
Talcher	0.167000	0.0000	0.0000	0.0000		0.167000
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^{Intra}
Provisional Energy Accounts for the month of Sept'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	24.627639
	BYPL	5.543460
	TPDDL	12.599451
	RPH	0.344700
	MES	0.000000
	Total	43.115250
GT(S-RLNG)	BRPL	0.761658
	BYPL	0.100405
	TPDDL	0.381062
	RPH	0.000000
	MES	0.000000
	Total	1.243125
PPCL(APM, PMT,RLNG)	BRPL	34.486743
	BYPL	19.385550
	MES	7.492061
	NDMC	35.481810
	TPDDL	24.539830
	Total	121.385994

*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 features are as under.

Details of Tariff component		PPCL	GT	Bawana
Normative Annual Plant Availability 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 Intra
State Load Despatch Centre
Provisional Energy Accounts for the month of Sept'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	0.693318
	BYPL	0.393837
	MES	0.148512
	NDMC	0.742582
	TPDDL	0.472501
	Total	2.450750
Bawana(APM, PMT)	BRPL	70.218573
	BYPL	11.864685
	MES	3.650279
	NDMC	15.953444
	TPDDL	46.628239
	HARYANA	18.953248
	PUNJAB	19.859855
Total	187.128322	
Bawana (RLNG)	BRPL	0.189932
	BYPL	0.032311
	MES	0.010510
	NDMC	0.082398
	TPDDL	0.117149
	HARYANA	0.053850
	PUNJAB	0.053850
Total	0.540000	
Bawana (S-RLNG)	BRPL	0.261715
	BYPL	0.044701
	MES	0.013570
	NDMC	0.113977
	TPDDL	0.212056
	HARYANA	0.049490
	PUNJAB	0.049490
Total	0.745000	

Intra

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Sept'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	1.1326312	0.5242945	0.2352237	0.3731130			
ANTA RF	0.6266578	0.0183792	0.0106285	0.5976502			
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	1.6686417	0.0336723	0.0194709	1.6154985			
BAIRASIUL	2.6614483	1.1689081	0.6760079	0.8165323			
CHAMERAHEP	17.2411533	7.5723145	4.3792529	5.2895858			
CHAMERA-II HEP	9.1794492	4.0316141	2.3315801	2.8162550			
CHAMERA-III HEP	14.9366622	6.5601820	3.7939122	4.5825680			
DADRI CRF	4.3396894	2.8223391	1.4413139	0.0760364			
DADRI GF	8.1792903	3.6850542	1.9147461	2.5794901	0.0000000		
DADRI LF	0.0035620	0.0015650	0.0009045	0.0010925	0.0000000		
DADRI RF	6.1022270	0.1306966	0.0756027	5.8959277	0.0000000		
DADRI TPS	60.7703965	49.6282243	0.0979983	1.3000449	9.7441291		
DADRI-II TPS	278.0895578	241.7276165	31.9305367	4.4314046	0.0000000		
DHAULIGANGA	21.5089306	9.4467223	5.4632684	6.5989399			
DULAHSTI HEP	35.5956193	15.6335960	9.0412873	10.9207360			
JHAJJAR	0.3024062	0.0002750	0.2877844	0.0143467			
ANTA LF	0.0000000	0.0000000	0.0000000	0.0000000			
KOTESHWAR	10.3179964	7.1524351	0.0000000	3.1655613			
NAPP	27.9568140	19.3796635	0.0000000	8.5771505			
NAPTHA JHAKRI*	94.7652276	41.6208880	24.0703678	29.0739718			
RAPP C	37.0520044	16.2732403	9.4112091	11.3675549			
RIHAND STPS	61.0145752	41.9877873	0.0000000	19.0267879			
RIHAND-II STPS	84.0195761	36.6662447	21.4216487	25.9316827			
RIHAND-III STPS	82.3774526	48.7213466	33.6561060	0.0000000			
SEWA-II HEP	4.0771220	1.7906720	1.0355890	1.2508610			
SINGRAULI	65.9548747	12.9468915	32.6563985	20.3515847			
SALAL HEP	53.1172135	39.6254413	13.4917722	0.0000000			
TEHRI HEP	20.1008913	13.9339378	0.0000000	6.1669535			
TANAKPUR	7.1142491	3.1245782	1.8070193	2.1826516			
UNCHAHAR-I	13.2495103	6.4153335	2.7906721	4.0435047			
UNCHAHAR-II	22.1923149	10.5878775	4.8940593	6.7103780			
UNCHAHAR-III	16.1773579	7.7770756	3.5173608	4.8829214			
URI HEP	29.7174720	13.0519137	7.5482379	9.1173204			
URI -II HEP	20.0172533	8.7915776	5.0843823	6.1412933			
TALA**	22.1207070	9.715415	5.618660	6.786633			
PARBATI-III	9.1425366	4.0154021	2.3222043	2.8049302			
FARAKA	11.4178870	5.0362787	2.7270257	3.6545826	0.0000000		
KAHALGAON-I	27.3950160	11.7864176	6.8931609	8.7154375	0.0000000		
KAHALGAON-II	53.6627250	23.4621769	13.5413152	16.6592329	0.0000000		
SASAN	283.6233640	42.0669368	198.0485874	43.5078398	0.0000000		
Talcher							
Nabinagar STPS(BRCL)	2.2956440						2.2956440
SINGRAULI HYDR	0.6743756			0.6743756			

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 BRCL 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^{Intra}

Provisional Energy Accounts for the month of Sept'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	189.671382	83.595837	47.667854	58.407691		
DVC(LT-3) at Ex-NR State Per2012_02	187.350420	82.572895	47.084554	57.692970		
DVC(MEJIA)(LT-4) at Ex-NR Per	58.904868	27.434551	14.478360	16.991957		
DVC(MEJIA)(LT-4) at Ex-NR State Periphery2012_07	58.183795	27.098716	14.3011263	16.7839528		
DVC(MEJIA7)(LT-8) at NR Per	63.928910		63.9289100			
DVC(MEJIA7)(LT-8) at NR State periphery2012_01	63.143475		63.1434750			
Haryana CLP Jhajjar(LT-5) at EX-NR per	71.095098			71.0950980		
Haryana CLP Jhajjar(LT-5) at EX-NR State	69.719028			69.7190280		
DVC(MPL-DVC)(LT-6) at Ex-NR per	190.796962			190.7969620		
DVC(MPL-DVC)(LT-6) at Ex-NR State per2012_04	188.461366			188.4613655		
JITPL MT20 at Ex-NR periphery M2018_01	5.3697720					5.3697720
JITPL MT20 at Ex-NR State periphery	5.3039500					5.3039500
Himachal(LT-59) at Ex-NR periphery	6.1453900			6.1453900		
Himachal(LT-59) at Ex-NR state peri	5.9796500			5.9796500		
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR & state periphery	17.9039580	17.9039580				
Nanti Hyd (L_NR_2019_11) at NR periphery	7.9262350			7.9262350		
Nanti Hyd (L_NR_2019_11) at NR State peri	6.4338480			6.4338480		
SEISPPL-MP (L_NR_2019_19) at NR & state PP	6.2599400			6.2599400		
Tarenda Hyd, HP(L_NR2020_02)at NR PP	4.7526100			4.7526100		
Tarenda Hyd, HP(L_NR2020_02)at State PP	4.6247950			4.6247950		
Alfanar wind SECI-3(L_NR2020_05,06 & 07) at NR & state PP	22.9460480	13.7683580	4.5890980	4.5885920		
SECI at NR & state	10.9775250	3.7543	3.6543	3.568925		

* 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	21.8119479	9.4199717	5.5537638	6.8382123	
RIHAND-III STPS	32.1133444	19.0910650	13.0222794	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	2.4071494	1.0172987	0.6208314	0.7690193	
RIHAND-III STPS	1.6508667	0.9783034	0.6725633	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	14.1133934	6.0685901	3.6561890	4.3886143	
RIHAND-III STPS	13.4754608	7.9784145	5.4970463	0.0000000	

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

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

Where,

IC = Installed Capacity of the generating station or unit in MW,

SGI_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					
RIHAND-II STPS	3.4620825	1.5189382	0.8672654	1.0758789	
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	0.8753334	0.3803626	0.2186181	0.2763526	
RIHAND-III STPS	11.3616104	6.7804972	4.5811132	0.0000000	

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

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

Where,

IC = Installed Capacity of the generating station or unit in MW,

SGI_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	02.09.2020	10:22	02.09.2020	11:05
		07.09.2020	7:16	07.09.2020	13:05
		09.09.2020	15:31	09.09.2020	16:16
		16.09.2020	16:25	16.09.2020	16:50
	2	02.09.2020	10:22	02.09.2020	11:05
		07.09.2020	7:16	07.09.2020	13:05
		09.09.2020	15:31	09.09.2020	16:20
		16.09.2020	16:25	16.09.2020	16:50
		29.09.2020	12:39	29.09.2020	15:21
		29.09.2020	12:39	29.09.2020	15:21
PPCL	1	01.09.2020	13:20	01.09.2020	15:02
		04.09.2020	20:39	04.09.2020	21:02
		11.09.2020	15:08	11.09.2020	15:52
		14.09.2020	15:04	14.09.2020	15:50
	2	04.09.2020	17:53	04.09.2020	18:56
		12.09.2020	14:32	12.09.2020	15:30
		28.09.2020	11:09	28.09.2020	16:32
		28.09.2020	11:09	28.09.2020	16:32
Bawana	1	09.09.2020	13:57	09.09.2020	14:34
		18.09.2020	16:22	18.09.2020	16:48
		26.09.2020	8:28	26.09.2020	13:47
	2	26.09.2020	8:28	26.09.2020	13:47

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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'20	11.827727

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

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

Month	Total Injection by EDMWP* in Mus(as per SEM)
Sept'20	1.101862

*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%)
Sept'20	11.153546	4.663298	2.665698	3.256836	0.567716

*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
IEX	BRPL	124.5714941	0.0000000
	BYPL	84.6802759	-1.2462550
	TPDDL	134.6768980	-0.1341850
	NDMC	17.1095946	-1.2651900
	MES	8.2302575	0.0000000
	N. Railway	0.0739200	0.0000000
	Total	369.3424400	-2.6456300
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.