

<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/207/2018-19/Mgr(SO)/EAC/856

Dated: 04.01.2019

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
SE (Commercial), NRPC

Sub.: Provisional Intra-State ABT based Energy Account for the month of December-18.

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of December-2018 . 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 PLF & Incentive Energy of Rithala Generating Station.
Annexure-6 Details of Energy booked from TOWMCL plant ,East Delhi MSW & MSW Bawana.
Annexure-7 Details of Energy scheduled to STOA customers & Transaction 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

Annexure-1

**State Load Despatch Centre
Provisional Energy Accounts for the month of Dec'18**

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

Stations	Period	PAFM in %	PAFN in %
RPH#	Apr'18	0.00	0.00
	May'18	0.00	0.00
	June'18	0.00	0.00
	July'18	0.00	0.00
	Aug'18	0.00	0.00
	Sept'18	0.00	0.00
	Oct'18	0.00	0.00
	Nov'18	0.00	0.00
	Dec'18	0.00	0.00
GT	Apr'18	66.46	66.46
	May'18	66.41	66.44
	June'18	82.43	72.17
	July'18	73.14	71.87
	Aug'18	78.84	73.28
	Sept'18	73.9	73.38
	Oct'18	85.91	75.20
	Nov'18	90.63	77.09
	Dec'18	90.65	78.62
PPCL	Apr'18	65.98	65.98
	May'18	92.96	79.69
	June'18	92.44	84.44
	July'18	91.33	85.55
	Aug'18	67.62	81.92
	Sept'18	95.39	84.13
	Oct'18	98.26	86.17
	Nov'18	101.37	88.04
	Dec'18	102.7	89.69
Bawana	Apr'18	56.38	56.38
	May'18	58.03	57.22
	June'18	64.38	59.58
	July'18	69.78	62.17
	Aug'18	77.49	65.28
	Sept'18	86.33	68.78
	Oct'18	92.78	72.21
	Nov'18	80.26	73.20
	Dec'18	92.05	75.33
BTPS#	Apr'18	60.92	60.92
	May'18	59.41	60.15
	June'18	60.20	60.61
	July'18	58.76	59.65
	Aug'18	57.88	59.29
	Sept'18	59.55	59.33
	Oct'18	58.32	59.26

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.

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.

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

- 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 Dec'18

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
BTPS	Apr'18	33.420	18.990	22.770	17.730	7.090		
	May'18	33.420	18.990	22.770	17.730	7.090		
	June'18	33.420	18.990	22.770	17.730	7.090		
	July'18	33.420	18.990	22.770	17.730	7.090		
	Aug'18	33.420	18.990	22.770	17.730	7.090		
	Sept'18	33.420	18.990	22.770	17.730	7.090		
	Oct'18	33.420	18.990	22.770	17.730	7.090		
	Nov'18	33.420	18.990	22.770	17.730	7.090		
RPH	Apr'18	43.920	25.400	30.680	0.000	0.000		
	May'18	43.920	25.400	30.680	0.000	0.000		
	June'18	43.920	25.400	30.680	0.000	0.000		
	July'18	43.920	25.400	30.680	0.000	0.000		
	Aug'18	43.920	25.400	30.680	0.000	0.000		
	Sept'18	43.920	25.400	30.680	0.000	0.000		
	Oct'18	43.920	25.400	30.680	0.000	0.000		
	Nov'18	43.920	25.400	30.680	0.000	0.000		
GT	Apr'18	61.030	8.589	30.251	0.000	0.000	0.130	
	May'18	61.030	8.589	30.251	0.000	0.000	0.130	
	June'18	61.030	8.589	30.251	0.000	0.000	0.130	
	July'18	61.030	8.589	30.251	0.000	0.000	0.130	
	Aug'18	61.030	8.589	30.251	0.000	0.000	0.130	
	Sept'18	61.030	8.589	30.251	0.000	0.000	0.130	
	Oct'18	61.030	8.589	30.251	0.000	0.000	0.130	
	Nov'18	61.030	8.589	30.251	0.000	0.000	0.130	
PPCL	Dec'18	61.030	8.589	30.251	0.000	0.000	0.130	
	Apr'18	28.290	16.070	19.280	30.300	6.060		
	May'18	28.290	16.070	19.280	30.300	6.060		
	June'18	28.290	16.070	19.280	30.300	6.060		
	July'18	28.290	16.070	19.280	30.300	6.060		
	Aug'18	28.290	16.070	19.280	30.300	6.060		
	Sept'18	28.290	16.070	19.280	30.300	6.060		
	Oct'18	28.290	16.070	19.280	30.300	6.060		
	Nov'18	28.290	16.070	19.280	30.300	6.060		
	Dec'18	28.290	16.070	19.280	30.300	6.060		

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

Stations	Period	BRPL	BYPL	TPDDL	NDMC	MES	HYN	PUNJAB
Bawana	Apr'18	31.130	18.000	21.750	7.300	1.820	10	10
	May'18	31.130	18.000	21.750	7.300	1.820	10	10
	June'18	31.130	18.000	21.750	7.300	1.820	10	10
	July'18	31.130	18.000	21.750	7.300	1.820	10	10
	Aug'18	31.130	18.000	21.750	7.300	1.820	10	10
	Sept'18	31.130	18.000	21.750	7.300	1.820	10	10
	Oct'18	31.130	18.000	21.750	7.300	1.820	10	10
	Nov'18	31.130	18.000	21.750	7.300	1.820	10	10
MSW Bawana	Dec'18	31.130	18.000	21.750	7.300	1.820	10	10
	Apr'18	41.810	23.900	29.200	5.090			
	May'18	41.810	23.900	29.200	5.090			
	June'18	41.810	23.900	29.200	5.090			
	July'18	41.810	23.900	29.200	5.090			
	Aug'18	41.810	23.900	29.200	5.090			
	Sept'18	41.810	23.900	29.200	5.090			
	Oct'18	41.810	23.900	29.200	5.090			
	Nov'18	41.810	23.900	29.200	5.090			
	Dec'18	41.810	23.900	29.200	5.090			

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Cum. Weighted Avg. entitlement of beneficiaries from PPCL& Bawana CCGT

Stations	Period	BRPL	BYPL	TPDDL	NDMC	MES	HYN	PUNJAB
Bawana	Upto Dec'18	31.130	18.000	21.750	7.300	1.820	10	10
PPCL	Upto Dec'18	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 Dec'18	61.030	8.589	30.251	0.000	0.000	0.130
RPH	Upto Dec'18	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.

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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	8.8911	0.6903	
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

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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	74.427	55.522	17.885	1.020	
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	
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 Dec'18**

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

Stations	Licensees	Scheduled Energy
BTPS	BRPL	0.000000
	BYPL	0.000000
	TPDDL	0.000000
	NDMC	0.000000
	MES	0.000000
	Total	0.000000
RPH*	BRPL	-0.228735
	BYPL	-0.132283
	TPDDL	-0.159781
	NDMC	0.000000
	MES	0.000000
	Total	-0.520800
GT(APM, PMT,RLNG)	BRPL	22.143614
	BYPL	2.674856
	TPDDL	10.099381
	IP	0.260400
	MES	0.000000
	Total	35.178250
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	34.289679
	BYPL	18.521005
	MES	10.162137
	NDMC	35.562335
	TPDDL	23.614344
	Total	122.149500

*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 Availabilty 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	2.5	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 Dec'18

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	74.567621
	BYPL	43.005597
	MES	4.290551
	NDMC	17.432265
	TPDDL	51.516760
	HARYANA	23.120192
	PUNJAB	22.943258
Total	236.876244	
Bawana (RLNG)	BRPL	32.076261
	BYPL	14.839382
	MES	2.359665
	NDMC	5.559736
	TPDDL	20.849961
	HARYANA	3.923802
	PUNJAB	3.923069
Total	83.531875	
Bawana (S-RLNG)	BRPL	0.148816
	BYPL	0.085631
	MES	0.008733
	NDMC	0.034789
	TPDDL	0.103427
	HARYANA	0.088301
	PUNJAB	0.067803
Total	0.537500	

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Provisional Energy Accounts for the month of Dec'18

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

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC
ANTA GF		0.0000000	0.0000000	0.0000000	
ANTA RF		0.0000000	0.0000000	0.0000000	
AURIYA GF	0.0724267	0.0316527	0.0182755	0.0224985	
AURIYA LF		0.0000000	0.0000000	0.0000000	
AURIYA RF		0.0000000	0.0000000	0.0000000	
BAIRASIUL		0.0000000	0.0000000	0.0000000	
CHAMERAHEP	5.5827360	2.4519377	1.4180149	1.7127834	
CHAMERA-II HEP	6.0354607	2.6507743	1.5330070	1.8516793	
CHAMERA-III HEP	3.2012526	1.4059901	0.8131182	0.9821443	
DADRI GF	10.6030519	5.7549940	1.7133229	3.1347350	
DADRI LF		0.0000000	0.0000000	0.0000000	
DADRI RF	0.4039914	0.2582445	0.0039999	0.1417470	0.0000000
DADRI TPS	213.7233879	159.8552889	16.2685189	2.2571550	35.3424250
DADRI-II TPS	407.9838486	314.4737472	89.1049631	4.4051383	0.0000000
DHAULIGANGA	4.7457666	2.0843407	1.2054247	1.4560012	
DULAHSTI HEP	13.2345843	5.8126294	3.3615844	4.0603705	
JHAJJAR	318.9002215	5.3926368	31.0572643	282.4503204	
KOLDEM HEP		0.0000000	0.0000000	0.0000000	
KOTESHWAR	8.2267960	5.7028150	0.0000000	2.5239810	
NAPP	30.9331568	21.4428643	0.0000000	9.4902925	
NAPTHA JHAKRI*	22.1360380	9.7221479	5.6225537	6.7913365	
RAPP C	40.3410945	17.7178087	10.2466380	12.3766478	
RIHAND STPS	41.7862384	28.7580232	0.0000000	13.0282152	
RIHAND-II STPS	84.7685028	37.4172566	21.0685167	26.2827295	
RIHAND-III STPS	78.1590600	47.5935075	30.5655525	0.0000000	
SEWA-II HEP	1.5283585	0.6712551	0.3882031	0.4689004	
SINGRAULI	99.9001629	19.9703976	49.7266533	30.2031120	
SALAL HEP	10.2993870	7.6833427	2.6160443	0.0000000	
TEHRI HEP	15.5160523	10.7557275	0.0000000	4.7603248	
TANAKPUR	1.8892014	0.8297373	0.4798572	0.5796070	
UNCHAHAAR-I	12.7150453	5.8871671	3.2250733	3.6028049	
UNCHAHAAR-II	25.0558864	11.7931000	6.3661290	6.8966574	
UNCHAHAAR-III	15.8697510	7.4694448	4.0321416	4.3681646	
URI HEP	12.3532080	5.4255290	3.1377148	3.7899642	
URI -II HEP	9.1215511	4.0061852	2.3168740	2.7984919	
TALA		0.0000000	0.0000000	0.0000000	
PARBATI-III	1.4817519	0.6507854	0.3763650	0.4546015	
FARAKA	10.7944300	4.4972134	2.7970558	3.5001608	
KAHALGAON-I	25.3062280	10.2650114	6.9871381	8.0540785	
KAHALGAON-II	92.2894650	40.0623303	23.0680113	29.1591234	
SASAN	300.3984020	44.5037944	237.4469560	18.4476516	
UNCHAHAAR-IV	0.0000000	0.0000000	0.0000000	0.0000000	
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.

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-NRperiphery	128.661080	56.015066	32.853036	39.792978		
DVC(LT-3) at Ex-NR State periphery	127.171388	55.366500	32.472650	39.332238		
DVC(MEJIA)(LT-4) at Ex-NR Periphery	54.950300	23.330141	15.009656	16.610503		
DVC(MEJIA)(LT-4) at Ex-NR State Periphery	54.307752	23.05733551	14.83414447	16.41627201		
DVC(MEJIA7)(LT-8) at NR periphery	68.395128		68.3951280			
DVC(MEJIA7)(LT-8) at NR State periphery	67.592895		67.5928950			
Haryana CLP Jhajjar(LT-5) at EX-NR periphery	57.246222			57.2462220		
Haryana CLP Jhajjar(LT-5) at EX-NR State periphery	55.922052			55.9220520		
DVC(MPL-DVC)(LT-6) at Ex-NR periphery	176.684125			176.6841250		
DVC(MPL-DVC)(LT-6) at Ex-NR State periphery	174.612965			174.6129650		
TOWMCL	4.3805000			4.3805000		
JITPL MT20 at Ex-NR periphery	6.0310620					6.0310620
JITPL MT20 at Ex-NR State periphery	5.9616200					5.9616200
Himachal(LT-59) at Ex-NR periphery	0.9331100			0.9331100		
Himachal(LT-59) at Ex-NR state periphery	0.9028620			0.9028620		
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR periphery	10.1778550	10.1778550				
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR State periphery	10.1778550	10.1778550				
SECI	8.3543520	2.751132	2.822235	2.780985		

* 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-II STPS	13.0702424	5.6487212	3.2930320	4.1284892	

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	04.12.2018	7:23	04.12.2018	9:41
	2	04.12.2018	11:20	04.12.2018	12:05
		23.12.2018	10:30	23.12.2018	13:30
		28.12.2018	12:35	28.12.2018	15:28
	5	20.12.2018	07.:09	20.12.2018	16:40
		23.12.2018	10:30	23.12.2018	13:30
28.12.2018		12:50	28.12.2018	14:25	
6	20.12.2018	10:18	20.12.2018	16:32	
PPCL	1	10.12.2018	7:02	10.12.2018	9:05
		23.12.2018	10:46	23.12.2018	11:40
	2	19.12.2018	5:47	19.12.2018	12:30
Bawana	2	20.12.2018	5:40	20.12.2018	2:25
		20.12.2018	2:00	20.12.2018	15:00
		22.12.2018	11:45	22.12.2018	13:45
	4	23.12.2018	11:45	23.12.2018	0:45
		08.12.2018	5:30	08.12.2018	7:00
		19.12.2018	10:15	19.12.2018	12:00

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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'18	12.316112

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

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

all figures are in Mus

Month	Total	BRPL	BYPL	TPDDL	NDMC	IEX
Dec'18	1.887948		0.925095			0.808560

*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 Scheduled by MSW Bawana

all figures are in Mus

Period	Total	BRPL (41.81%)	BYPL (23.9%)	TPDDL (29.2%)	NDMC (5.09%)
Dec'18	8.1047952	3.388615	1.937046	2.366600	0.412534

*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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P) Details of Energy Scheduled to ISOA Customers.

S.N.	Customer/ Licensees	Seller	Mus at STU periphery	Duration	Approved Quantum in MW as per Format-5B	Duration of Approved Quantum as per Format-5B
1	Duggar Fiber Pvt. Ltd./TPDDL	Yogendra Power Ltd. (BanarSangam Hydro Project)	0.555600	From 01.12.2018 to 31.12.2018 under OA ISOA/0267/R12/09	1.30	From 01.12.2018 to 12.12.2018 & 19.12.2018 to
					0.10	From 13.12.2018 to 18.12.2018
					0.80	From 24.12.2018 to 31.12.2018
2	Fortis Hospotel Limited/TPDDL	Nagaland			0.60	From 01.07.2018 to 31.03.2019.
3	Max Super Sp. Hosp. West Block/BRPL					
4	DLF Mall Saket New Delhi/BRPL	EDWPCL	0.218400	From 19.12.2018 to 31.12.2018 under OA ISOA/0393/R1/01 against ISOA/405 (EDWPCL)	3.00	From 05.11.2018 to 17.12.2018
					0.70	From 18.12.2018 to 31.12.2018
5	DLF Promenade Ltd./BRPL	EDWPCL	0.124800	From 19.12.2018 to 31.12.2018 under OA ISOA/0395/R1/01 against ISOA/406 (EDWPCL)	2.20	From 05.11.2018 to 17.12.2018
					0.40	From 18.12.2018 to 31.12.2018
6	Lodhi Property/BRPL	HPSEB	0.587760	From 01.12.2018 to 31.12.2018 under OA ISOA/0382/R/02	0.77	From 01.11.2018 to 28.02.2019.
7	Max Healthcare Institute Limited/TPDDL	Mizoram SEB			0.75	From 01.10.2018 to 15.12.2018
8	Avdhut Swami Metal Works/BYPL	Yogendra Power Ltd. (BanarSangam Hydro Project)			1.90	From 22.08.2018 to 08.12.2018
					0.55	From 09.12.2018 to 31.03.2019
9	DMRC_Ltd_Through_Concessionaire_M_S_Pacific_Development_Corp._Ltd/BRPL	Mizoram SEB			0.10	From 01.12.2018 to 10.12.2018.
					2.42	From 11.12.2018 to 31.12.2018.
10	Vodafone Mobile Service/BRPL					

Note: * transactions curtailed/not approved by RLDC

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S.N.	Customer/ Licensees	Seller	Mus at STU periphery	Duration	Approved Quatum in MW as per Format-5B	Duration of Approved Quantum as per Fromat-5B
11	Max Balaji/BYPL	Sandhya Hydro Power Proj. (H.P)	0.600000	From 01.12.2018 to 31.12.2018 under OA ISOA/0301/13	0.96	From 01.04.2018 to 31.03.2019.
12	Batra Hospital/BRPL	HPSEB			0.48	From 02.11.2018 to 28.02.2019
13	Oberio Maiden/TPDDL					
14	Jackson Developer/TPDDL	HPSEB			0.60	From 01.11.2018 to 28.02.2019
15	Gujarmal Modi Hosp/BRPL	Sandhya Hydro Power Proj. (H.P)	0.391440	From 01.12.2018 to 31.12.2018 under OA ISOA/0305/13	0.57	From 16.04.2018 to 31.03.2019
16	Mother Diary/TPDDL					
17	Indian Hotels(Taj Vivanta)/BRPL	HPSEBL	0.364560	From 01.12.2018 to 31.12.2018 under OA ISOA/0385/R/02	0.48	From 01.11.2018 to 31.01.2019
18	Escort Heart/BRPL					
19	Devki_Devi_Foundation /BRPL	Sandhya Hydro Power Proj. (H.P)	0.570240	From 01.12.2018 to 31.12.2018 under OA ISOA/0302/13	0.95	From 16.04.2018 to 31.03.2019
20	Asian Hotel/BRPL	Sandhya Hydro Power Proj. (H.P)	0.970800	From 01.11.2018 to 30.11.2018 under OA ISOA/0304/13	1.60	From 16.04.2018 to 31.03.2019
21	Wave Hospitality Pvt Ltd./BRPL	HPSEBL			0.50	From 05.11.2018 to 31.03.2019
22	Sheraton/BRPL	TOWMCL	0.25296**	From 01.12.2018 to 31.12.2018 under OA ISOA/0361/R/02 against ISOA/370 (TOWMCL)	0.34	From 07.09.2018 to 31.12.2018
23	DIAL/BRPL	HPSEBL	3.786480	From 01.12.2018 to 31.12.2018 under OA ISOA/0337/13	5.00	From 18.04.2018 to 31.03.2019
24	Shiva Alloys Pvt. Ltd./TPDDL	Yogendra Power Ltd. (BanarSangam Hydro Project)			1.10	From 10.10.2018 to 09.10.2019
25	All India Society for Health Aid Edu /BRPL	Sandhya Hydro Power Proj. (H.P)	0.433770	From 01.12.2018 to 31.12.2018 under OA ISOA/0306/08	0.76	From 25.04.2018 to 31.03.2019
26	IndraPrastha Medical Corp.Ltd.(Apollo Hosp)/BRPL					

Note: * transactions curtailed/not approved by RLDC

**** Transaction at BRPL consumer periphery**

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S.N.	Customer/ Licensees	Seller	Mus at STU periphery	Duration	Approved Quatum in MW as per Format-5B	Duration of Approved Quantum as per Fromat-5B
27	Select City Walk/BRPL	Mizoram SBE			0.10	From 01.12.2018 to 05.12.2018 & 08.12.2018 to 11.12.2018
					2.52	From 06.12.2018 07.12.2018
					2.40	From 12.12.2018 13.12.2018
28	Rajiv Gandhi Cancer Inst./TPDDL	HPSEB	0.662160	From 01.12.2018 to 31.12.2018 under OA ISOA/0335/09	1.00	From 16.04.2018 to 31.03.2019
29	Bird Hosp/BRPL	HPSEB			0.19	From 17.11.2018 to 31.03.2019
30	Bird Airport Hotel Pvt.Ltd/BRPL	HPSEB			0.38	From 17.11.2018 to 31.03.2019
31	Amazon/BRPL					
32	Tirupati Bldg/BRPL					
33	Today Hotels/BRPL					
34	Caddie Hotels/BRPL					
35	Indian Spinal Injuries Centre/BRPL					
36	Aria/BRPL	HPSEBL	0.736560	From 01.12.2018 to 31.12.2018 under OA ISOA/0392/R4/02	0.96	From 11.11.2018 to 31.12.2018.
37	Rajan Dhall/BRPL					
38	DLF Emporio/BRPL	Mizoram SEB			1.30	From 05.11.2018 to 31.12.2018.
39	Divine Infracon Pvt.Ltd./BRPL					
40	Eros Grand Resort & Hotels Pvt. Ltd./BYPL	HPSEBL			0.40	From 01.11.2018 to 31.03.2019
38	DLF Emporio/BRPL	Mizoram SEB			1.30	From 05.11.2018 to 31.12.2018.
39	Divine Infracon Pvt.Ltd./BRPL					
40	Eros Grand Resort & Hotels Pvt. Ltd./BYPL	HPSEBL			0.40	From 01.11.2018 to 31.03.2019

Note: * transactions curtailed/not approved by RLDC

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S.N.	Customer/ Licensees	Seller/buyer	Mus at STU periphery	Duration	Approved Quatum in MW as per Format-5B	Duration of Approved Quantum as per Fromat-5B
41	Pride Plaza Hotels Pvt. Ltd./BRPL					
42	Juniper Hotel Pvt. Ltd. (Andaaz)/BRPL	Sandhya Hydro Power Proj. (H.P)	0.759360	From 01.12.2018 to 31.12.2018 under OA ISOA/0300/13	1.00	From 16.04.2018 to 31.03.2019
43	LakshmiPat Singhania Medical/BRPL					
44	Unison Hotels (Grand Hotel)/BRPL	Sandhya Hydro Power Proj. (H.P)	0.461280	From 01.12.2018 to 31.12.2018 under OA ISOA/0303/08	0.97	From 16.04.2018 to 31.03.2019
45	Eros Resorts & Hotels(Eros Group)/BYPL	EDWPCL	0.108000	From 17.12.2018 to 31.12.2018 under OA ISOA/0391/R/01 against ISOA/403 (EDWPCL)	0.40	From 01.11.2018 to 31.03.2019
46	Bharti Airtel Ltd.(Located-184, Okhla)/BRPL					
47	Bharti Airtel Ltd.(Located-224, Okhla)/BRPL	Brenwar small Hydro Electric Project (J&K)	0.223200	From 01.12.2018 to 31.12.2018 under OA ISOA/0376/06	0.30	From 29.10.2018 to 31.12.2018
48	Bharti Airtel Ltd.(Located-234, Okhla)/BRPL					
49	Nehru Place Hotels Pvt.Ltd./BRPL					
50	InterGlobe Hotels Pvt.Ltd./ BRPL	EDWPCL	0.206400	From 08.12.2018 to 31.12.2018 under OA ISOA/0396/01 to 04R against ISOA/400 (EDWPCL)	0.40	From 19.11.2018 to 13.12.2018
					0.39	From 14.12.2018 to 21.12.2018 & 01.02.2019 to 31.03.2019
					0.29	From 22.12.2018 to 31.01.2019
51	EDWPCL	IEX	-0.808560	From 22.11.2018 to 30.11.2018 under OA ISOA/0399/01 to 04	3.00	From 15.11.2018 to 07.12.2018
					2.60	From 08.12.2018 to 14.12.2018
					2.30	From 15.12.2018 to 17.12.2018 & 01.01.2019 to 11.10.2019
					1.20	From 18.12.2018 to 31.12.2018

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

Energy Exchange	Licensees	Purchase	Sale
IEX	BRPL	21.7634109	-93.0291725
	BYPL	0.1271660	-64.8991525
	TPDDL	8.5052356	-97.0065400
	NDMC	0.0000000	-8.0287275
	MES	0.0000000	0.0000000
	Total	30.3958125	-262.9635925
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.