

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/207/2021-22/Mgr(SO)/EAC/24

Dated: 07.04.2021

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

Sub.: Provisional Intra-State ABT based Energy Account for the month of March 2021.

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of March-2021.
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.
- Annexure-7 Details of Energy Requisition from ISGS below 85% of Entitelment

The Accounts are posted in SLDC website also.

This is for your information and further necessary action please.

f/-

Manager(EA/SO)

Encl: As above

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 Mar'21

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
	Oct'20	88.51	86.29
	Nov'20	88.50	86.56
	Dec'20	89.34	86.87
	Jan'21	89.50	87.14
	Feb'21	89.25	87.32
	Mar'21	85.57	87.17
	PPCL	Apr'20	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		93.50	93.93
Oct'20		68.05	90.18
Nov'20		68.63	87.53
Dec'20		105.03	89.50
Jan'21		107.34	91.31
Feb'21		105.43	92.49
Mar'21		101.26	93.24

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
	Oct'20***	Low demand	81.14	86.22	81.97	85.40	81.79	85.41
	Nov'20****	Low demand	97.30	88.40	99.00	88.08	98.71	88.04
	Dec'20*****	Low demand	99.27	90.24	99.08	89.95	99.07	89.91
	Jan'21*****	Low demand	103.20	92.12	103.22	91.87	103.22	91.83
	Feb'21*****	Low demand	94.88	92.44	100.66	92.89	99.69	92.74
	Mar'21*****	Low demand	89.96	92.43	90.11	92.18	89.84	92.54

* Peak Hrs are 19:30 hrs to 23:30 hrs, **Peak Hrs are 19.00hrs to 23.00 Hrs, ***Peak Hrs are 18.30hrs to 22.30hrs

****Peak Hrs are 17.30hrs to 21.30hrs, *****Peak Hrs are 06.00Hrs to 08.00 Hrs and 17.00hrs to 19.00hrs.

*****Peak Hrs are 06.45Hrs to 08.45 Hrs and 17.00hrs to 19.00hrs.***** Peak Hrs 07.30 to 9.00 and 17.30 to 19.30 Hrs

***** Peak Hrs 07.30 to 09.30 & 18.00Hrs to 20.00 Hrs(From 01 Mar to 08 Mar) and 06.15 Hrs to 08.15 Hrs & 18.00 Hrs to 20.00 Hrs (from 09 Mar to 31 Mar).

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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.

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

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 %
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:

$$\text{Cap.Charge for the Year (CCy)} = \text{Sum of Cap.Charge for 3 months of High Demand Season} + \text{Sum of Cap.Charge for 9 months of Low Demand Season}$$

$$\text{Cap.Charge for the Month (CCm)} = \text{Cap.Charge for Peak Hours of the Month (CCp)} + \text{Cap.Charge for Off-Peak Hours of the Month (CCop)}$$

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State Load Despatch Centre
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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
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
	Oct'20	60.885	8.567	30.178	0.000	0.000	0.000	0.37
	Nov'20	60.885	8.567	30.178	0.000	0.000	0.000	0.37
	Dec'20	60.885	8.567	30.178	0.000	0.000	0.000	0.37
	Jan'21	60.885	8.567	30.178	0.000	0.000	0.000	0.37
	Feb'21	60.885	8.567	30.178	0.000	0.000	0.000	0.37
	Mar'21	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		
	Oct'20	28.290	16.070	19.280	30.300	6.060		
	Nov'20	28.290	16.070	19.280	30.300	6.060		
	Dec'20	28.290	16.070	19.280	30.300	6.060		
	Jan'21	28.290	16.070	19.280	30.300	6.060		
	Feb'21	28.290	16.070	19.280	30.300	6.060		
	Mar'21	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
	Oct'20	35.13	6.00	21.75	15.30	1.82	10	10
	Nov'20	35.13	6.00	21.75	15.30	1.82	10	10
	Dec'20	35.13	6.00	21.75	15.30	1.82	10	10
	Jan'21	35.13	6.00	21.75	15.30	1.82	10	10
	Feb'21	35.13	6.00	21.75	15.30	1.82	10	10
	Mar'21	35.13	6.00	21.75	15.30	1.82	10	10

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

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.

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

Stations	Period	BRPL	BYPL	TPDDL	NDMC
MSW Bawana	Mar'21	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 Mar'21	33.453	11.031	21.750	11.946	1.820	10	10
PPCL	Upto Mar'21	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 Mar'21	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 #1Ø 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	74.233	55.378	17.838	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		
KAHALGOAN-II	10.490	4.607	2.665	3.218		
SASAN	11.250	1.6686	8.8911	0.6903		
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	74.220	55.368	17.835	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		
KAHALGOAN-II	10.490	4.607	2.665	3.218		
SASAN	11.250	1.6686	8.1422	1.4392		
Talcher	0.0955	0.0000	0.0000	0.0000		0.0955
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

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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	16.927520
	BYPL	1.864284
	TPDDL	7.305770
	RPH	0.342550
	MES	0.000000
	Total	26.440125
GT(S-RLNG)	BRPL	0.000000
	BYPL	0.000000
	TPDDL	0.000000
	RPH	0.000000
	MES	0.000000
	Total	0.000000
PPCL(APM, PMT,RLNG)	BRPL	29.734043
	BYPL	16.821174
	MES	6.174659
	NDMC	31.696364
	TPDDL	20.039760
	Total	104.466000

*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 featues 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

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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 BYPL MES NDMC TPDDL	
	Total	0.000000
Bawana(APM, PMT)	BRPL BYPL MES NDMC TPDDL HARYANA PUNJAB	83.274147 14.230891 4.313760 34.260594 53.665855 23.744875 23.744875
	Total	237.234997
Bawana (RLNG)	BRPL BYPL MES NDMC TPDDL HARYANA PUNJAB	61.427061 8.022957 1.933277 16.540679 24.979558 8.752900 8.752900
	Total	130.409332
Bawana (S-RLNG)	BRPL BYPL MES NDMC TPDDL HARYANA PUNJAB	
	Total	0.000000

Note : Refer to Minutes of Meeting held on 06.07.2020 regarding Bawana.

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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	N. Railway
ANTA GF	0.0263593	0.0036491	0.0102671	0.0124432			
ANTA RF	0.0000000	0.0000000	0.0000000	0.0000000			
ANTA CRF	0.0000000	0.0000000	0.0000000	0.0000000			
AURIYA CRF	0.0000000	0.0000000	0.0000000	0.0000000			
AURIYA GF	2.7345507	0.0796976	0.2881722	2.3666809			
AURIYA LF	0.0000000	0.0000000	0.0000000	0.0000000			
AURIYA RF	0.4697097	0.0028197	0.0016319	0.4652581			
BAIRASIUL	3.5435013	1.5563058	0.9000493	1.0871462			
CHAMERAHEP	5.1023665	2.2409594	1.2960011	1.5654060			
CHAMERA-II HEP	5.0483436	2.2172325	1.2822793	1.5488318			
CHAMERA-III HEP	3.0621187	1.3448825	0.7777781	0.9394580			
DADRI CRF	0.0000000	0.0000000	0.0000000	0.0000000			
DADRI GF	0.0000000	0.0000000	0.0000000	0.0000000			
DADRI LF	0.0000000	0.0000000	0.0000000	0.0000000			
DADRI RF	0.0000000	0.0000000	0.0000000	0.0000000			
DADRI TPS	0.0094050	0.0069539	0.0007677	0.0001267	0.0015566		
DADRI-II TPS	424.9254972	317.7485408	101.5714124	5.6055439	0.0000000		
DHAULIGANGA	2.8174604	1.2374286	0.7156349	0.8643969			
DULAHSTI HEP	10.0249070	4.4029392	2.5463264	3.0756415			
JHAJJAR	375.8685888	0.0248173	10.1915515	365.6522201			
ANTA LF	0.0000000	0.0000000	0.0000000	0.0000000			
KOTESHWAR	9.5307504	6.6067162	0.0000000	2.9240342			
NAPP	30.9050770	21.4233994	0.0000000	9.4816776			
NAPTHA JHAKRI	19.3056423	8.4790381	4.9036331	5.9229711			
RAPP C	19.2128370	8.4382780	4.8800606	5.8944984			
RIHAND STPS	65.5286081	44.9548275	0.0000000	20.5737806			
RIHAND-II STPS	81.6388094	35.3244466	20.9757223	25.3386405			
RIHAND-III STPS	86.8266807	51.1511512	35.6755295	0.0000000			
SEWA-II HEP	0.0000000	0.0000000	0.0000000	0.0000000			
SINGRAULI	92.0655695	17.4815399	46.1002354	28.4837942			
SALAL HEP	16.1696670	12.0625716	4.1070954	0.0000000			
TEHRI HEP	13.3531941	9.2564342	0.0000000	4.0967599			
TANAKPUR	0.0000000	0.0000000	0.0000000	0.0000000			
UNCHAHAR-I	14.9022402	6.6163997	3.7602353	4.5256052			
UNCHAHAR-II	29.3106850	13.0155969	7.4441680	8.8509200			
UNCHAHAR-III	0.0000000	0.0000000	0.0000000	0.0000000			
URI HEP	38.4433440	16.8843167	9.7646094	11.7944179			
URI -II HEP	23.6344120	10.3802338	6.0031406	7.2510376			
TALA	1.9083584	0.838151	0.484723	0.585484			
PARBATI-III	1.2661439	0.5560904	0.3216006	0.3884529			
FARAKA	12.0046020	5.2403227	3.1828425	3.5814368	0.0000000		
KAHALGAON-I	24.3102020	10.2728356	6.3589442	7.6784222	0.0000000		
KAHALGAON-II	103.8298510	44.3395751	26.9445552	32.5457208	0.0000000		
SASAN	306.5799490	45.5114446	242.2377137	18.8307907	0.0000000		
Talcher							
Nabinagar STPS(BRBCL)	2.9045540						2.9045540
SINGRAULI HYDR	0.5904672			0.5904672			

All Hydro, Nuclear & 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 BRBCL scheduled from 15.01.2020 to N Railway.

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 in MUs	BRPL	BYPL	TPDDL	NDMC	Northern Railway (Delhi)
DVC(LT-3) at Ex-NR periphery	97.896970	43.802920	25.734629	28.359421		
DVC(LT-3) at Ex-NR State Per2012_02	94.517340	42.290742	24.846210	27.380388		
DVC(MEJIA)(LT-4) at Ex-NR Per	62.684055	30.493276	15.667175	16.523604		
DVC(MEJIA)(LT-4) at Ex-NR State Periphery2012_07	60.519058	29.440092	15.1260582	15.95290775		
DVC(MEJIA7)(LT-8) at NR Per	76.078665		76.0786650			
DVC(MEJIA7)(LT-8) at NR State periphery2012_04	73.451988		73.4519880			
Haryana CLP Jhajjar(LT-5) at EX-NR per	29.023282			29.0232820		
Haryana CLP Jhajjar(LT-5) at EX-NR State	28.022982			28.0229820		
DVC(MPL-DVC)(LT-6) at Ex-NR per	198.217842			198.2178420		
DVC(MPL-DVC)(LT-6) at Ex-NR State	191.381292			191.3812920		
JITPL MT20 at Ex-NR periphery M2018_01	0.0000000					0.0000000
JITPL MT20 at Ex-NR State periphery	0.0000000					0.0000000
Himachal(LT-59) at Ex-NR periphery	0.7459950			0.7459950		
Himachal(LT-59) at Ex-NR state peri	0.7200350			0.7200350		
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR periphery	6.9379480	6.9379480				
Nanti Hyd (L_NR_2019_11) at NR periphery	1.0853020			1.0853020		
Nanti Hyd (L_NR_2019_11) at NR State peri	1.0486650			1.0486650		
SEISPPL-MP (L_NR_2019_19) at NR & state PP	33.8297380			33.8297380		
Tarenda Hyd, HP(L_NR2020_02)at NR PP	1.2049520			1.2049520		
Tarenda Hyd, HP(L_NR2020_02)at State PP	1.1635720			1.1635720		
Alfanar wind SECI-3(L_NR2020_05,06 & 07) at NR & state PP	43.9993050	26.4020220	8.7997180	8.7975650		
SECI at NR & state	10.5211800	3.56203	3.485325	3.473825		

* 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	47.0477307	20.1358106	12.2210548	14.6908653	
RIHAND-III STPS	17.9803684	10.6038926	7.3764758	0.0000000	

J1) 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	10.2536288	4.4374181	2.6169787	3.1992320	
RIHAND-III STPS	0.7702669	0.4562442	0.3140227	0.0000000	

J2) 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	32.2544783	13.7054502	8.5079072	10.0411209	
RIHAND-III STPS	1.4178756	0.8319088	0.5859668	0.0000000	

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

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

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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J3) 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	0.6084202	0.4174325	0.0000000	0.1909877	
RIHAND-II STPS	3.4661383	1.5207177	0.8682814	1.0771393	
RIHAND-III STPS	4.5541876	2.7201454	1.8340422	0.0000000	

J4) 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	0.8956409	0.3870316	0.2258650	0.2827443	
RIHAND-III STPS	11.3725087	6.7683187	4.6041900	0.0000000	

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)

Intra
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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	01.03.2021	11:52	01.03.2021	12:35
		25.03.2021	13:28	25.03.2021	15:18
		28.03.2021	19:52	28.03.2021	20:48
	2	01.03.2021	12:30	01.03.2021	14:25
		01.03.2021	23:01	01.03.2021	23:34
		02.03.2021	0:38	02.03.2021	1:32
		02.03.2021	8:47	02.03.2021	12:26
		05.03.2021	16:18	05.03.2021	16:59
		22.03.2021	1:11	22.03.2021	2:23
		31.03.2021	18:26	31.03.2021	20:18
PPCL	1	06.03.2021	01:18	06.03.2021	2:09
		16.03.2021	17:52	16.03.2021	22:10
		25.03.2021	0:21	25.03.2021	1:38
		28.03.2021	19:47	28.03.2021	21:21
Bawana	3	29.03.2021	23:00	30.03.2021	2:30
	4	29.03.2021	23:00	30.03.2021	2:30

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L) Details of Energy Injected by TOWMCL as per SEM

Month	Total Injection by TOWMCL* in Mus(as per SEM)
Mar'21	10.442414

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

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

Month	Total Injection by EDMWP* in Mus(as per SEM)
Mar'21	2.756844

*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.

N) 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%)
Mar'21	12.025865	5.028014	2.874182	3.511553	0.612117

*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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O) Details of Collective Transactions (in Mus) from Energy Exchange

Energy Exchange	Licensees	Purchase		Sale	
		Day Ahead	RTM	Day Ahead	RTM
IEX	BRPL	31.0547325	10.086545	-2.628500	-20.217758
	BYPL	5.5371275	6.210780	-46.931563	-9.8245
	TPDDL	0.0000000	9.584693	-123.380470	-6.68775
	NDMC	3.8212775	2.839990	-1.686000	-5.863
	MES	1.4408150	0.232750	-1.216000	-0.07725
	N. Railway	5.2942150	0.344925	0.000000	0
	Total	47.1481675	29.299683	-175.8425325	-42.6702575
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 customer purchase/sale through Exchange.

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P) Details of Energy Requisition from ISGS below 85 % of Entitelment

Station Name	Cumulative upto this month in Mus							Total
	Delhi	BRPL	BYPL	TPDDL	NDMC	BTPS	N.Railway	
ANTA	282.622578	126.652557	73.836560	82.133461	0.000000			282.622578
AURAIYA	446.792211	200.108184	116.845885	129.838141	0.000000			446.792211
DADRI	472.280091	202.368081	132.407121	137.504889	0.000000			472.280091
DADRI	4795.394305	3524.078041	408.576515	61.505885	801.233864			4795.394305
DADRI-II	2281.891189	1549.799730	699.605643	32.485816	0.000000			2281.891189
IGSTPS- JHAJJAR	3704.381432	54.419869	376.735116	3273.226447	0.000000			3704.381432
RIHAND	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
RIHAND-II	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
RIHAND-III	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
SINGRAULI	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
UNCHAHAR-I	43.319375	13.432308	14.914798	14.972269	0.000000			43.319375
UNCHAHAR-II	72.828004	22.929261	23.013201	26.885542	0.000000			72.828004
UNCHAHAR-III	26.201866	6.173693	10.480683	9.547490	0.000000			26.201866
FARAKKA	23.593731	5.367913	7.001347	11.224471	0.000000			23.593731
KAHALGAON1	15.107763	10.093339	2.119758	2.894666	0.000000			15.107763
KAHALGAON-II	5.280286	5.280286	0.000000	0.000000	0.000000			5.280286
NABINAGAR	0.630766						0.630766	0.630766
TALCHER	1.555388					1.555388		1.555388