



No. F.DTL/207/2022-23/Mgr(SO)/EAC/09

Dated: 06.04.2022

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 Mar 2022.

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of Mar-2022.

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.

Encl: As above

Sr. 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 Intra
State Load Despatch Centre
Provisional Energy Accounts for the month of Mar'22

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

Stations	Period	PAFM in %	PAFN in %
GT	Apr'21	56.64	56.64
	May'21	45.85	51.15
	June'21	23.22	41.94
	July'21	0.00	31.29
	Aug'21	0.00	24.95
	Sept'21	0.00	20.86
	Oct'21	59.63	29.82
	Nov'21	63.42	33.58
	Dec'21	93.45	39.79
	Jan'22	95.76	45.04
	Feb'22	93.28	48.82
	Mar'22	95.31	52.52
PPCL	Apr'21	85.93	85.93
	May'21	97.43	91.78
	June'21	93.91	92.48
	July'21	91.68	92.28
	Aug'21	90.47	91.91
	Sept'21	70.23	88.36
	Oct'21	87.37	88.21
	Nov'21	100.60	89.74
	Dec'21	104.50	91.40
	Jan'22	107.71	93.05
	Feb'22	107.63	94.28
	Mar'22	89.00	93.83

Stations	Period	Season	Peak Hour		Off-Peak Hour		PAFM in %	PAFN in %
			PAFM in %	PAFMpn in %	PAFM in %	PAFMopn in %		
Bawana	Apr'21 *	Low Demand	91.19	91.19	91.24	91.24	91.15	91.15
	May'21**	Low Demand	95.52	93.60	96.25	93.79	96.20	93.72
	June'21***	High Demand	97.08	97.08	96.32	96.32	96.45	96.45
	July'21***	High Demand	93.87	95.45	93.46	94.87	93.53	94.97
	Aug'21***	High Demand	96.36	95.76	95.53	95.09	95.67	95.20
	Sept'21****	Low Demand	96.36	94.51	95.69	94.41	95.80	94.40
	Oct'21****	Low Demand	94.41	94.48	92.91	94.03	93.16	94.09
	Nov'21*****	Low Demand	94.49	94.48	93.89	94.00	93.99	94.07
	Dec'21*****	Low Demand	94.49	94.49	93.37	93.90	93.55	93.98
	Jan'22*****	Low Demand	94.30	94.46	93.85	93.89	93.93	93.97
	Feb'22*****	Low Demand	86.32	93.52	86.09	92.99	86.08	93.06
	Mar'22*****	Low Demand	93.97	93.57	93.50	93.05	93.57	93.12

* Peak Hrs are 18:30 to 21:30 & 22:00 to 23:00 hrs

**Peak Hrs are 19:00 to 23:00 hrs

***Peak Hrs are 19:30 to 23:30 hrs

****Peak Hrs are 18:30 to 22:30 hrs

*****Peak Hrs are 17:15 to 21:15 hrs

*****Peak Hrs are 07:30 to 09:30 & 17:30 to 19:30 hrs from 01 to 15 Feb'22 and 07:00 to 09:00 & 18:00 to 20:00 Hrs for 15 to 28 Feb'22

*****Peak Hrs are 06:30 to 08:30 & 18:00 to 20:00 hrs from 01 to 16 and 06:30 to 07:30 & 18:00 to 20:00 Hrs for 17 to 24 and 18:30 to 21:30

& 22:00 to 23:00 Hrs for 25 to 31

The PAFM & PAFN shall be calculated with the following formula as per CERC Regulation for FY 19-20 to FY23-24 dt 07.04.19

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

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:

Cap.Charge for the Year = Sum of Cap.Charge for 3 months of High Demand Season + Sum of Cap.Charge for 9 months of Low demand season

Cap.Charge for the Month = Cap.Charge for Peak Hours of the Month + Cap.Charge for Off-Peak Hours of the month

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Mar'22

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'21	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	May'21	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	June'21	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	July'21	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Aug'21	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Sept'21	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Oct'21	41.652	22.812	29.753	4.959	0.000	0.000	0.824
	Nov'21	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Dec'21	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Jan'22	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Feb'22	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Mar'22	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	PPCL	Apr'21	28.290	16.070	19.280	30.300	6.060	
May'21		28.290	16.070	19.280	30.300	6.060		
June'21		28.290	16.070	19.280	30.300	6.060		
July'21		28.290	16.070	19.280	30.300	6.060		
Aug'21		28.290	16.070	19.280	30.300	6.060		
Sept'21		28.290	16.070	19.280	30.300	6.060		
Oct'21		28.290	16.070	19.280	30.300	6.060		
Nov'21		28.290	16.070	19.280	30.300	6.060		
Dec'21		28.290	16.070	19.280	30.300	6.060		
Jan'22		28.290	16.070	19.280	30.300	6.060		
Feb'22		28.290	16.070	19.280	30.300	6.060		
Mar'22		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'21	31.13	18.00	21.75	7.30	1.82	10	10
	May'21	31.13	18.00	21.75	7.30	1.82	10	10
	June'21	31.13	18.00	21.75	7.30	1.82	10	10
	July'21	31.13	18.00	21.75	7.30	1.82	10	10
	Aug'21	31.13	18.00	21.75	7.30	1.82	10	10
	Sept'21	31.13	18.00	21.75	7.30	1.82	10	10
	Oct'21	31.13	15.60	21.75	9.70	1.82	10	10
	Nov'21	31.13	15.60	21.75	9.70	1.82	10	10
	Dec'21	31.13	15.60	21.75	9.70	1.82	10	10
	Jan'22	31.13	15.60	21.75	9.70	1.82	10	10
	Feb'22	31.13	15.60	21.75	9.70	1.82	10	10
	Mar'22	31.13	15.60	21.75	9.70	1.82	10	10

* Allocation revised as per DERC Tariff order for FY21-22

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.

#Allocation from GT(for the Capacity @90 MW) w.e.f 1.04.2021 is as per DERC vide order dated 28.03.2021.

#Allocation from GT(for the Capacity @270 MW) w.e.f 10.10.21 to 21.10.2021 is as per DERC vide orders dated 09.10.21 & 21.10.21.

#Allocation from Bawana w.e.f 1.10.2021 to 31.03.2022 is as per DERC vide order dated 30.09.2021.

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Mar'22

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

Stations	Period	BRPL	BYPL	TPDDL	NDMC
MSW Bawana	Mar'22	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'22	31.130	16.803	21.750	8.497	1.820	10	10
PPCL	Upto Mar'22	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'22	41.544	22.750	29.673	4.946	0.000	0.000	1.087

* 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).

*** 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

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Mar'22

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*	72.580	53.693	5.926	0.960	12.001	
DADRI-II TPS	74.355	55.469	17.868	1.019		
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 JHAKRA	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	0.611	0.353	0.426		
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		
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

***Allocation from Farakka and khelgoan-I from un shutdown unit is reallocate to punjab and rajasthan from 8.12.2021 to 20.12.2021 and from 25 .12.2021 to 20.01.2022 as per Mop letter dated 06.12.2021 and 23.12.2021

***Allocation from Unchhar-I from un shutdown unit is reallocated to punjab from 8.12.2021 to 20.12.2021 as per Mop letter dated 06.12.2021.

***APTEL has allowed Delhi Discoms to exit the PPA for Dadri TPS Stage-1 w.e.f. 01.12.2020 vide order dated 08.02.2022**
The average entitlement values shown for Dadri (Th)-I as per REA issued by NRPC as per GOI allocation order

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Mar'22

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*	88.521	65.486	7.228	1.171	14.636	
DADRI-II TPS	74.355	55.469	17.868	1.019		
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 JHAKR	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	5.507	2.419	1.399	1.690		
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	1.237	0.544	0.314	0.379		
KAHALGAON-I	5.458	2.397	1.386	1.675		
KAHALGOAN-II	10.490	4.607	2.665	3.218		
SASAN	11.250	1.6686	8.1422	1.4392		
SINGRAULI HYD	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

*APTEL has allowed Delhi Discoms to exit the PPA for Dadri TPS Stage-1 w.e.f. 01.12.2020 vide order dated 08.02.2022

The average entitlement values shown for Dadri (Th)-I as per REA issued by NRPC as per GOI allocation order

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Mar'22

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	8.928378
	BYPL	6.979928
	TPDDL	9.455584
	NDMC	1.415430
	RPH	0.351200
	Total	27.130520
GT(S-RLNG)	BRPL	0.000000
	BYPL	0.000000
	TPDDL	0.000000
	NDMC	0.000000
	RPH	0.000000
	Total	0.000000
PPCL(APM, PMT,RLNG)	BRPL	16.824394
	BYPL	9.472117
	MES	3.574415
	NDMC	17.860596
	TPDDL	11.420227
	Total	59.151750

*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 feautres are as under.

Details of Tariff component		PPCL	GT	Bawana
Normative Annual Plant Availabilty 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
State Load Despatch Centre
Provisional Energy Accounts for the month of Mar'22

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

Stations	Licensees	Scheduled Energy
PPCL (S-RLNG)	BRPL	11.676520
	BYPL	4.871130
	MES	0.588953
	NDMC	2.202637
	TPDDL	3.293510
	Total	22.632750
Bawana(APM, PMT)	BRPL	71.094475
	BYPL	36.024208
	MES	6.124778
	NDMC	19.521459
	TPDDL	50.051449
	HARYANA	22.959583
	PUNJAB	23.064983
Total	228.840933	
Bawana (RLNG)	BRPL	
	BYPL	
	MES	
	NDMC	
	TPDDL	
	HARYANA	
	PUNJAB	
Total	0.000000	
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.

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Mar'22

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

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC	N. Railway
ANTA GF	0.000000	0.000000	0.000000	0.000000		
ANTA RF	0.000000	0.000000	0.000000	0.000000		
ANTA CRF	0.000000	0.000000	0.000000	0.000000		
AURIYA CRF	0.021060	0.011937	0.004127	0.004996		
AURIYA GF	0.000000	0.000000	0.000000	0.000000		
AURIYA LF	0.177915	0.074522	0.051310	0.052083		
AURIYA RF	0.054655	0.014274	0.008223	0.032157		
BAIRASIUL	7.771944	3.413438	1.974074	2.384433		
CHAMERAHEP	10.971942	4.818877	2.786873	3.366192		
CHAMERA-II HEP	9.958575	4.373806	2.529478	3.055291		
CHAMERA-III HEP	6.902803	3.031711	1.753312	2.117780		
DADRI CRF	0.173162	0.050473	0.098035	0.024654		
DADRI GF	0.000000	0.000000	0.000000	0.000000		
DADRI LF	0.156373	0.089577	0.053385	0.013411		
DADRI RF	0.246779	0.015755	0.037075	0.193949		
DADRI TPS	0.000000	0.000000	0.000000	0.000000	0.000000	
DADRI-II TPS	271.670785	200.281631	67.679938	3.709216		
DHAULIGANGA	5.860902	2.574108	1.488669	1.798125		
DULAHSTI HEP	12.347436	5.422994	3.136249	3.788193		
JHAJJAR	381.104966	7.939126	38.088195	335.077644		
ANTA LF	0.036123	0.000525	0.004154	0.031443		
KOTESHWAR	9.9362160	6.8877849	0.0000000	3.0484311		
NAPP	30.687722	21.272729	0.000000	9.414993		
NAPTHA JHAKR	24.342733	10.691328	6.183054	7.468350		
RAPP C	38.924489	17.095636	9.886820	11.942033		
RIHAND STPS	64.587773	44.596551	0.000000	19.991221		
RIHAND-II STPS	84.106046	36.920953	21.369708	25.815385		
RIHAND-III STPS	91.062555	53.946349	37.116206	0.000000		
SEWA-II HEP	7.967940	3.499519	2.023857	2.444564		
SINGRAULI	96.962685	18.718483	48.325993	29.918208		
SALAL HEP	23.360135	17.426661	5.933474	0.000000		
TEHRI HEP	15.3405714	10.6340841	0.0000000	4.7064873		
TANAKPUR	1.426762	0.626634	0.362397	0.437730		
UNCHAHAAR-I	31.036992	22.921112	3.841639	4.274241		
UNCHAHAAR-II	14.812861	6.425848	3.909365	4.477647		
UNCHAHAAR-III	17.632051	7.495883	4.777895	5.358273		
URI HEP	34.739899	15.257764	8.823934	10.658201		
URI -II HEP	23.091208	10.141659	5.865167	7.084383		
TALA	0.281790	0.123762	0.071575	0.086453		
PARBATI-III	2.523710	1.108413	0.641022	0.774274		
FARAKA	12.528943	5.383377	3.266439	3.879127		
KAHALGAON-I	29.229469	12.487363	7.819488	8.922618		
KAHALGAON-II	70.843642	30.491955	18.432706	21.918981		
SASAN	300.746200	44.534480	237.740417	18.471303		
Nabinagar STPS(BRCL)	9.721418					9.721418
SINGRAULI HYD	0.602189			0.602189		

* 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 BRCL 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	Railway
DVC(LT-3) at Ex NR periphery	190.294662	84.806199	50.806438	54.682025		
DVC(LT-3) at Ex NR State	183.707865	81.870745	49.047840	52.789280		
DVC(MEJIA)(LT-4) at Ex-NR Per	51.236330	22.252657	13.649374	15.334299		
DVC(MEJIA)(LT-2012_07) at Ex-	49.452875	21.478078	13.174261	14.800536		
DVC(MEJIA7)(LT-8) at NR Per	71.178608		71.1786080			
DVC(MEJIA7)(LT-8) at NR State periphery	68.727478		68.7274780			
Haryana CLP Jhajjar(LT-5) at EX-NR per	33.957000			33.9570000		
Haryana CLP Jhajjar(LT-5) at EX-NR State	32.775140			32.7751400		
DVC(MPL-DVC)(LT-2012_04) at Ex-NR per	111.103850			111.1038500		
DVC(MPL-DVC)(LT-2012_04) at Ex-	107.282115			107.2821150		
Himachal(LT-59) at Ex-NR periphery	1.8550400			1.8550400		
Himachal(LT-59) at Ex-NR state peri	1.7920900			1.7920900		
Tuticorin_GIREL (L_NR_2018_61) at	8.6446880	8.6446880				
Nanti Hyd (L_NR_2019_11)	2.0078450			2.0078450		
Nanti Hyd (L_NR_2019_11) at NR State peri	1.9397380			1.9397380		
SEISPPPL-MP (L_NR_2019_19) at NR & state PP	30.5628200			30.5628200		
Tarenda Hyd, HP(L_NR2020_02) at NR PP	1.8349300			1.8349300		
Tarenda Hyd, HP(L_NR2020_02) at State PP	1.7726725			1.7726725		
Alfanar wind SECI-3(L_NR2020_05,06 & 07) at NR & state PP	58.8307480	35.3006220	11.7668580	11.7632680		
ERCPL(L_NR_2021_12 & 13)	70.6120970	58.8437220	11.7683750			
Azure Power(L_NR_2021_14&15)	26.0693670	15.3476250	10.7217420			
SBSRPC11PL_BKN (2021_16&17)	13.4474070		4.4833650	8.9640420		
SECI at NR & state	11.6723450	3.952932	3.861838	3.857575		

* 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	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-III STP	25.6641558	15.0283347	10.6358211	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	9.1704419	6.3128835	0.0000000	2.8575584	
RIHAND-II STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-III STP	5.0031111	2.9479606	2.0551505	0.0000000	
SINGRAULI	0.0000000	0.0000000	0.0000000	0.0000000	
UNCHAHAR-I	0.0000000	0.0000000	0.0000000	0.0000000	
UNCHAHAR-II	0.0000000	0.0000000	0.0000000	0.0000000	
	0.0000000	0.0000000	0.0000000	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	11.5312711	7.7348431	0.0000000	3.7964280	
RIHAND-II STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-III STP	3.0597986	1.7942824	1.2655162	0.0000000	
SINGRAULI	0.0000000	0.0000000	0.0000000	0.0000000	

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

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

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	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-II STPS		0.0000000	0.0000000	0.0000000	
RIHAND-III STP	4.2927234	2.5218795	1.7708439	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	
RIHAND-II STPS		0.0000000	0.0000000	0.0000000	
RIHAND-III STP	14.3557607	8.3373682	6.0183925	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)

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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	09.03.2022	12:27	09.03.2022	12:56	
		29.03.2022	9:58	29.03.2022	11:30	
	4	31.03.2022	18:29	31.03.2022	22:30	
	5	23.03.2022	13:55	23.03.2022	16:18	
	6	08.03.2022	4:24	08.03.2022	07:15	
		11.03.2022	14:38	11.03.2022	17:55	
		11.03.2022	14:38	11.03.2022	11:35	
		19.03.2022	1:40	19.03.2022	02:32	
		23.03.2022	18:15	23.03.2022	19:26	
		29.03.2022	4:35	29.03.2022	05:53	
		29.03.2022	14:15	29.03.2022	15:42	
		29.03.2022	16:15	29.03.2022	17:08	
	PPCL	2	29.03.2022	17:20	29.03.2022	19:05
			16.03.2022	05:27	16.03.2022	12:34
			23.03.2022	11:27	23.03.2022	13:43
27.03.2022			09:53	27.03.2022	11:21	
Bawana	1	24.03.2022	21:55	24.03.2022	23:28	
		-NiL				

Annexure-5

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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'22	11.094470

*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'22	-0.034801

*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'22	12.798161	5.350911	3.058760	3.737063	0.651426

*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		Purchase
		Day Ahead	RTM	Day Ahead	RTM	GDAM
IEX	BRPL	67.2100275	17.847348	0.000000	-19.3116425	0.537533
	BYPL	2.7200075	8.180938	-41.845125	-16.9255	5.380665
	TPDDL	15.4946050	26.260915	-48.956368	-20.09825	0
	NDMC	12.8923150	7.312730	-3.541000	-1.98375	0
	MES	0.0000000	0.923445	0.000000	-0.349625	0.294685
	N. Railway	2.5334325	0.533090	0.000000	0	0
	Total	100.8503875	61.058465	-94.3424925	-58.6687675	6.2128825
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	272.9326141	120.4006824	69.5331391	82.9987927	0.0000000			272.9326141
AURAIYA	443.2075110	201.3992978	112.3233845	129.4848287	0.0000000			443.2075110
DADRI(G)	558.0198470	254.4323970	142.7320771	160.8553729	0.0000000			558.0198470
DADRI	3930.5251869	2907.7239254	320.9273804	52.0008474	649.8730336			3930.5251869
DADRI-II	1748.2455344	1293.7408204	427.8799365	26.6247776	0.0000000			1748.2455344
IGSTPS- JHAJJAR	1671.5786690	15.9501393	169.7529591	1485.8755706	0.0000000			1671.5786690
RIHAND	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
RIHAND-II	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
RIHAND-III	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
SINGRAULI	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
UNCHAHAR-I	8.5620478	0.0000000	3.6715941	4.8904537	0.0000000			8.5620478
UNCHAHAR-II	40.2457910	11.7332742	13.1252526	15.3872642	0.0000000			40.2457910
UNCHAHAR-III	22.4926588	6.5968624	7.0608649	8.8349315	0.0000000			22.4926588
FARAKKA	13.2101910	4.2238119	3.6471628	5.3392163	0.0000000			13.2101910
KAHALGAON1	6.2363460	5.2596040	0.0000000	0.9767420	0.0000000			6.2363460
KAHALGAON-II	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
NABINAGAR	0.0000000						0.0000000	0.0000000