



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.: **Revised Provisional Intra-State ABT based Energy Account for the month .**
of November 2022

Sir,

Please find herewith the revised Provisional Intra-State ABT based Energy Accounts for the month of Nov-2022.
The Account is revised on account of inadvertent error in wt. Avg.entitlement from Sasan.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 (Revised)
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 Entitlement

The Accounts are posted in SLDC website also.

This is for your information and further necessary action please.

F/-

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 Nov'22

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

Stations	Period	PAFM in %	PAFN in %
GT	Apr'22	93.97	93.97
	May'22	95.71	94.86
	Jun'22	90.00	93.25
	July'22	92.53	93.07
	Aug'22	95.05	93.47
	Sept'22	95.93	93.87
	Oct'22	95.18	94.06
	Nov'22	95.93	94.29
	PPCL	Apr'22	95.22
May'22		92.77	93.97
Jun'22		94.31	94.08
July'22		95.06	94.33
Aug'22		97.67	95.01
Sept'22		99.07	95.68
Oct'22		100.65	96.40
Nov'22		65.66	92.62

Stations	Period	Season	Peak Hour		Off-Peak Hour		PAFM in %	PAFN in %
			PAFM in %	PAFMpn in %	PAFM in %	PAFMopn in %		
Bawana	Apr'22	Low Demand	95.57	95.57	95.25	95.25	95.31	95.31
	May'22	Low Demand	94.20	94.87	93.86	94.55	93.92	94.60
	Jun'22	High Demand	94.50	94.50	93.75	93.75	93.88	94.36
	July'22	High Demand	94.49	94.49	94.04	93.90	94.11	94.30
	Aug'22	High Demand	93.96	94.31	93.09	93.62	93.21	94.08
	Sept'22	Low Demand	95.09	94.94	94.64	94.58	94.71	94.18
	Oct'22	Low Demand	93.96	94.69	93.09	94.20	93.21	94.04
	Nov.22*	Low Demand	80.22	91.84	80.10	91.42	80.13	92.33

* Peak Hrs are 17:45 to 21:45 hrs from 01Nov to 07 Nov & 17:30 to 21:30 Hrs from 08 Nov to 30 Nov

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

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

- 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:

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 Nov'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'22	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	May'22	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Jun'22	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	July'22	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Aug'22	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Sept'22	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Oct'22	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Nov'22	41.533	22.744	29.667	4.945	0.000	0.000	1.111
PPCL	Apr'22	28.290	16.070	19.280	30.300	6.060		
	May'22	28.290	16.070	19.280	30.300	6.060		
	Jun'22	28.290	16.070	19.280	30.300	6.060		
	July'22	28.290	16.070	19.280	30.300	6.060		
	Aug'22	28.290	16.070	19.280	30.300	6.060		
	Sept'22	28.290	16.070	19.280	30.300	6.060		
	Oct'22	28.290	16.070	19.280	30.300	6.060		
	Nov'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'22	31.13	15.60	21.75	9.70	1.82	10	10
	May'22	31.13	15.60	21.75	9.70	1.82	10	10
	Jun'22	31.13	15.60	21.75	9.70	1.82	10	10
	July'22	31.13	15.60	21.75	9.70	1.82	10	10
	Aug'22	31.13	15.60	21.75	9.70	1.82	10	10
	Sept'22	31.13	15.60	21.75	9.70	1.82	10	10
	Oct'22	31.13	18.00	21.75	7.30	1.82	10	10
	Nov'22	31.13	18.00	21.75	7.30	1.82	10	10

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 Bawana w.e.f 1.10.2021 to 31.03.2022 is as per DERC vide order dated 30.09.2021 and continue till sept'22 as per Hon'ble commission vide email dated 31.03.2022 .

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

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

Stations	Period	BRPL	BYPL	TPDDL	NDMC
MSW Bawana	Apr'22	41.810	23.900	29.200	5.090
	May'22	41.810	23.900	29.200	5.090
	Jun'22	41.810	23.900	29.200	5.090
	July'22	41.810	23.900	29.200	5.090
	Aug'22	41.810	23.900	29.200	5.090
	Sept'22	41.810	23.900	29.200	5.090
	Oct'22	41.810	23.900	29.200	5.090
	Nov'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 Nov'22	31.130	16.200	21.750	9.100	1.820	10	10
PPCL	Upto Nov'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 Nov'22	41.533	22.744	29.667	4.945	0.000	0.000	1.111

* 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 Nov'22

C) Weighted Avg. entitlement of Distribution Licensees from ISGS

Stations	Total share in %	BRPL	BYPL	TPDDL	NDMC	BTPS
ANTA GPP	10.810	4.612	2.667	3.221	0.310	
AURIYAGPP	11.160	4.770	2.758	3.332	0.300	
BAIRASIUL	11.000	4.831	2.794	3.375	0.000	
CHAMERAHEP	7.900	3.470	2.007	2.423	0.000	
CHAMERA-II HE	13.700	5.854	3.386	4.090	0.370	
CHAMERA-III HE	13.034	5.593	3.234	3.907	0.300	
DADRI GPP	11.280	4.814	2.783	3.363	0.320	
DADRI TPS*		0.000	0.000	0.000	0.000	
DADRI-II TPS	74.635	55.469	17.868	1.019	0.280	
DHAULIGANGA	13.510	5.802	3.355	4.053	0.300	
DULAHSTI HEP	13.130	5.635	3.259	3.936	0.300	
JHAJJAR	46.350	0.6653	4.6154	40.9193	0.150	
KOLDAM HEP	0.140	0.000	0.000	0.000	0.140	
KOTESHWAR	10.070	6.835	0.000	3.025	0.210	
NAPP	10.980	7.403	0.000	3.277	0.300	
NATHPA JHAKR	9.670	4.1592	2.4054	2.9054	0.200	
RAPP C	12.990	5.574	3.223	3.893	0.300	
RIHAND STPS	10.260	6.932	0.000	3.068	0.260	
RIHAND-II STPS	12.870	5.534	3.200	3.866	0.270	
RIHAND-III STPS	13.491	7.817	5.374	0.000	0.300	
SEWA-II HEP	13.640	5.855	3.385	4.090	0.310	
SINGRAULI	7.760	1.482	3.717	2.301	0.260	
SALAL HEP	19.430	8.669	2.951	0.000	7.810	
TEHRI HEP	6.500	4.367	0.000	1.933	0.200	
TANAKPUR	12.810	5.626	3.254	3.930	0.000	
UNCHAHAR-I	5.810	2.508	1.450	1.752	0.100	
UNCHAHAR-II	11.490	4.9146	2.8423	3.4331	0.300	
UNCHAHAR-III	14.110	6.0654	3.5077	4.2369	0.300	
URI HEP-I	11.040	4.849	2.804	3.387	0.000	
PARBATI-III	13.030	5.591	3.233	3.906	0.300	
URI HEP-II	13.452	5.908	3.417	4.127	0.000	
FARAKKA	1.390	0.611	0.353	0.426	0.000	
KAHALGAON-I	6.070	2.666	1.542	1.862	0.000	
KAHALGOAN-II	10.490	4.607	2.665	3.218	0.000	
SASAN	11.250	1.6686	8.8911	0.6903	0.000	
SINGRAULI HYD	19.430	0.0000	0.0000	19.130	0.300	

*Allocation from Dadri(th)-II & Aravli Jhajjar been changed from 01.07.2022 to 31.10.2022 as per DERC Order dated 30.06.22

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

***Allocation @150 MW from unallocated quota of NR, WR and SR stns to NDMC w.e.f 16.10.22 to 30.11.2022 as per MoP order dated 12.10.2022.

****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 & GOI allocation order

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

C 2) Weighted Avg. entitlement From NR Stns to NDMC

Stations	Monthly in %	Cumulative in %
Kishanganga	0.3	0.057
Meja TPS	0.15	0.028
Rampur	0.19	0.036
Tanda-II STPS	0.2	0.038
UNCHA HAR-IV	0.3	0.057

C3) Weighted Avg. entitlement From SR Stns to NDMC

Stations	Monthly in %	Cumulative in %
Ramagundum STPS I&II	0.404	0.590
Ramagundum STPS III	0.398	0.599
Talchar STPS- II	0.160	0.223
Simhadri STPS- II	0.189	0.248
Kudgi STPS -I	0.419	0.743
NLC TPS(II)-1	0.298	0.457
NLC TPS(II)-2	0.320	0.451
NLC TPS(E)-1	0.471	0.479
NLC TPS(E)-2	0.507	0.485
NLC-NNTPS	0.019	0.034
NTECL-Vallur STPS	0.249	0.363
NTPL-Tuticorin	0.400	0.573
NPCIL-MAPS	0.140	0.195
NPCIL-KAIGA GS-1&2	0.510	0.719
NPCIL-KAIGA GS-3&4	0.510	0.719
NPCIL-KKNPP-1	0.170	0.150

C 4) Weighted Avg. entitlement From WR Stns to NDMC

Stations	Monthly in %	Cumulative in %
KSTPS	0.1492	0.0292
KSTPS-7	0.2873	0.0691
VSTPS-I	0.2145	0.0402
VSTPS-II	0.2078	0.0432
VSTPS-III	0.2078	0.0431
VSTPS-IV	0.2873	0.0542
VSTPS-V	0.2873	0.0588
KGPP	0.0017	0.0003
GGPP	0.0039	0.0008
SIPAT-I	0.2872	0.0639
SIPAT-II	0.1979	0.0373
MSTPS-I	0.2708	0.0456
MSTPS-II	0.2851	0.0529
SSTPP	0.2872	0.0581
GSTPP	0.2872	0.0544
LSTPP	0.2848	0.0568
KHTPP	0.2873	0.0603
KAPP	0.0035	0.0007
TAPP 3&4	0.1182	0.0006

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

D) Cum. Weighted Avg. entitlement of Distribution Licensees from ISGS

Stations	Total share in %	BRPL	BYPL	TPDDL	NDMC	BTPS
ANTA GPP	10.558	4.612	2.667	3.221	0.058	
AURIYAGPP	10.917	4.770	2.758	3.332	0.057	
BAIRASIUL	11.000	4.831	2.794	3.375	0.000	
CHAMERAHEP	7.900	3.470	2.007	2.423	0.000	
CHAMERA-II HE	13.400	5.854	3.386	4.090	0.070	
CHAMERA-III HE	12.791	5.593	3.234	3.907	0.057	
DADRI GPP	11.020	4.814	2.783	3.363	0.060	
DADRI TPS*	0.000	0.000	0.000	0.000	0.000	
DADRI-II TPS	48.688	36.281	11.687	0.666	0.054	
DHAULIGANGA	13.267	5.802	3.355	4.053	0.057	
DULAHSTI HEP	12.887	5.635	3.259	3.936	0.057	
JHAJJAR	46.228	4.857	4.615	36.727	0.028	
KOLDAM HEP	0.026	0.000	0.000	0.000	0.026	
KOTESHWAR	9.900	6.835	0.000	3.025	0.040	
NAPP	10.737	7.403	0.000	3.277	0.057	
NATHPA JHAKR	9.508	4.1592	2.4054	2.9054	0.038	
RAPP C	12.747	5.574	3.223	3.893	0.057	
RIHAND STPS	10.049	6.932	0.000	3.068	0.049	
RIHAND-II STPS	12.651	5.534	3.200	3.866	0.051	
RIHAND-III STPS	13.248	7.817	5.374	0.000	0.057	
SEWA-II HEP	13.388	5.855	3.385	4.090	0.058	
SINGRAULI	7.549	1.482	3.717	2.301	0.049	
SALAL HEP	11.620	8.669	2.951	0.000	0.960	
TEHRI HEP	6.338	4.367	0.000	1.933	0.038	
TANAKPUR	12.810	5.626	3.254	3.930	0.000	
UNCHAHAR-I	5.729	2.508	1.450	1.752	0.019	
UNCHAHAR-II	11.247	4.9146	2.8423	3.4331	0.057	
UNCHAHAR-III	13.867	6.0654	3.5077	4.2369	0.057	
URI HEP-I	11.040	4.849	2.804	3.387	0.000	
PARBATI-III	12.787	5.591	3.233	3.906	0.057	
URI HEP-II	13.452	5.908	3.417	4.127	0.000	
FARAKKA	1.390	0.611	0.353	0.426	0.000	
KAHALGAON-I	6.070	2.666	1.542	1.862	0.000	
KAHALGOAN-II	10.490	4.607	2.665	3.218	0.000	
SASAN	11.250	1.6686	7.7708	1.8106	0.000	
SINGRAULI HYD	19.187	0.0000	0.0000	19.130	0.057	

* 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 & GOI allocation order

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Nov'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	9.935896
	BYPL	6.399610
	TPDDL	8.594147
	NDMC	1.482147
	RPH	0.344700
	Total	26.756500
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	-0.010792
	BYPL	-0.006073
	MES	-0.002284
	NDMC	-0.011418
	TPDDL	-0.013683
	Total	-0.044250

*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 Nov'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 BYPL MES NDMC TPDDL	
	Total	0.000000
Bawana(APM, PMT)	BRPL BYPL MES NDMC TPDDL HARYANA PUNJAB	60.999617 35.289777 3.789420 13.544195 46.461078 19.746728 17.076143
	Total	196.906958
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.

Intra
DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of Nov'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					
ANTA RF	0.002383	0.000000	0.000000	0.002383	0.000000	
ANTA CRF	0.000000					
AURIYA CRF	0.000000					
AURIYA GF	0.000000					
AURIYA LF	0.000000					
AURIYA RF	0.064416	0.000293	0.000168	0.063956	0.000000	
BAIRASIUL	2.971224	1.304962	0.754691	0.911572	0.000000	
CHAMERAHEP	4.392204	1.929056	1.115620	1.347528	0.000000	
CHAMERA-II HE	6.641579	2.837947	1.641798	1.982511	0.179323	
CHAMERA-III HE	4.979811	2.136837	1.235491	1.492947	0.114536	
DADRI CRF	0.000000					
DADRI GF	0.000000					
DADRI LF	0.000000					
DADRI RF	0.000000					
DADRI TPS	0.000000					
DADRI-II TPS	214.929590	173.588646	38.927239	2.398323	0.015381	
DHAULIGANGA	8.496983	3.649454	2.109801	2.549095	0.188633	
DULAHSTI HEP	13.860593	5.948966	3.440199	4.155406	0.316022	
JHAJJAR	11.907103	0.208363	0.031784	11.434468	0.232488	
ANTA LF	0.008540	0.000000	0.000000	0.008540	0.000000	
KOTESHWAR	6.2201639	4.2216253	0.0000000	1.8685372	0.1300014	
NAPP	30.672403	20.682402	0.000000	9.152645	0.837357	
NAPTHA JHAKR	29.672959	12.762340	7.379665	8.916724	0.614230	
RAPP C	38.099094	16.348321	9.452385	11.418298	0.880089	
RIHAND STPS	38.585961	26.131809	0.000000	11.476634	0.977518	
RIHAND-II STPS	83.618536	36.062669	20.743363	25.062161	1.750342	
RIHAND-III STPS	85.418196	49.516756	34.004250	0.000000	1.897190	
SEWA-II HEP	1.985567	0.852205	0.492818	0.595471	0.045072	
SINGRAULI	91.109741	18.388575	44.915093	27.804827	0.001245	
SALAL HEP	12.873072	9.603843	3.269228	0.000000	0.000000	
TEHRI HEP	12.3614061	8.3043926	0.0000000	3.6762822	0.3807313	
TANAKPUR	5.295203	2.325653	1.344981	1.624568	0.000000	
UNCHAHAAR-I	0.000000					
UNCHAHAAR-II	12.480298	5.428066	2.879180	4.146261	0.026790	
UNCHAHAAR-III	14.765026	6.586963	3.087834	5.065304	0.024925	
URI HEP	12.440424	5.463834	3.159868	3.816722	0.000000	
URI -II HEP	10.847159	4.764072	2.755178	3.327908	0.000000	
TALA	3.666156	1.610176	0.931204	1.124777	0.000000	
PARBATI-III	2.707315	1.161709	0.671685	0.811653	0.062268	
FARAKA	9.095079	4.668311	1.335337	3.091431	0.000000	
KAHALGAON-I	30.636368	13.965362	7.555012	9.115994	0.000000	
KAHALGAON-II	85.473406	39.970108	21.888268	23.615030	0.000000	
SASAN	236.539266	35.082988	186.942982	14.513296	0.000000	
Nabinagar STPS(BRBCL)	9.840701					9.840701
SINGRAULI HYD	0.442075			0.4351348	0.0069406	

* 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 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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H) Details of Energy Scheduled from Northern Region Stns (in Mus) to NDMC

Stations	Total for State in Mus	NDMC
Kishanganga	0.100341	0.100341
Koldam	0.168541	0.168541
Meja TPS	1.296000	1.296000
Rampur HEP	1.604839	1.604839
Tanda-II STPS	1.198470	1.198470
UNCHAAR-IV	0.000000	0.000000

I) Details of Energy Scheduled from Southern Region Stns (in Mus) to NDMC @ 100 MW power allocated w.e.f 17.05.22 to 15.10.22 & @50 MW from 16.10.22 to 30.11.22as per MoP order dated 12.10.2022.

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC
Ramagundum STPS I&II	4.9422675				4.9422675
Ramagundum STPS III	1.31008				1.3100800
Talchar STPS- II	1.61193				1.6119300
Simhadri STPS- II	1.246285				1.2462850
Kudgi STPS -I	4.2827275				4.2827275
NLC TPS(II)-1	0.5375325				0.5375325
NLC TPS(II)-2	0.67742				0.6774200
NLC TPS(E)-1	1.0436				1.0436000
NLC TPS(E)-2	0.3589075				0.3589075
NLC-NNTPS	0.0732675				0.0732675
NTECL-Vallur STPS	2.2824925				2.2824925
NTPL-Tuticorin	1.3609925				1.3609925
NPCIL-MAPS	0.1872				0.1872000
NPCIL-KAIGA GS-1&2	1.43376				1.4337600
NPCIL-KAIGA GS-3&4	1.3596				1.3596000
NPCIL-KKNPP-1	1.0967625				1.0967625

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J) Details of Energy Scheduled from Western Region Stns (in Mus) to NDMC

Stations	Total for State in Mus	NDMC
KSTPS	2.056920	2.056920
KSTPS-7	0.969480	0.969480
VSTPS-I	1.523916	1.523916
VSTPS-II	1.386960	1.386960
VSTPS-III	1.400602	1.400602
VSTPS-IV	1.938960	1.938960
VSTPS-V	0.959139	0.959139
KGPP	0.000000	0.000000
GGPP	0.000000	0.000000
SIPAT-I	3.547261	3.547261
SIPAT-II	1.286728	1.286728
MSTPS-I	1.283216	1.283216
MSTPS-II	2.258814	2.258814
SSTPP	1.547619	1.547619
GSTPP	2.842364	2.842364
LSTPP	2.874457	2.874457
KHTPP	1.747094	1.747094
KAPP	0.3169970	0.316997
TAPP 3&4	1.5951777	1.595178

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K) 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	183.943432	86.821769	44.974035	52.147628		
DVC(LT-3) at Ex-NR State Per2012_02	177.141505	83.611242	43.310969	50.219294		
DVC(MEJIA)(LT-4) at Ex-NR Per	60.601778	28.140369	14.287628	18.173781		
DVC(MEJIA)(LT-2012_07) at Ex-NR State	58.360650	27.099704	13.759254	17.501692		
DVC(MEJIA7)(LT-8) at NR Per	69.139702		69.1397020			
DVC(MEJIA7)(LT-8) at NR State periphery2012_01	66.575762		66.5757620			
Haryana CLP Jhajjar(LT-5) at EX-NR per	65.331220			65.3312200		
Haryana CLP Jhajjar(LT-5) at EX-NR State	62.919435			62.9194350		
(MPL-DVC)(LT-2012_04) at Ex-NR per	201.975375			201.9753750		
(MPL-DVC)at Ex-NR State per2012_04	194.504170			194.5041700		
Himachal(LT-59) at Ex-NR periphery	1.8963400			1.8963400		
Himachal(LT-59) at Ex-NR state peri	1.8265650			1.8265650		
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR periphery	4.3688080	4.3688080				
Nanti Hyd at NR periphery	3.6025500			3.6025500		
Nanti Hyd (L_NR_2019_11) at NR State peri	3.4811500			3.4811500		
SEISPPL-MP (L_NR_2019_19) at NR & state PP	25.0865550			25.0865550		
Tarenda Hyd, HP(L_NR2020_02) at NR PP	2.0986700			2.0986700		
Tarenda Hyd, HP(L_NR2020_02) at State PP	2.0210950			2.0210950		

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L) 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
Alfanar wind SECI-3(L_Nr2020_05,06 & 07) at NR & state PP	17.6135470	10.5682920	3.5228400	3.5224150		
ERCPL(L_Nr_2021_12 & 13)	59.7252930	49.7713580	9.9539350			
Azure & Adani Power(L_Nr_2021_14&15)	27.7927130	18.0777980	9.7149150			
SBSRPC11PL_BKN (2021_16&17)	26.2324240		8.7437320	17.4886920		
SECI at NR & state(LT-36,35 & 31)	9.5743780	3.237278	3.164308	3.172792		
MORJAR_BHJ2_W(2022_08)	1.9015520	1.9015520				
SITAC_W(2022_09&10)	13.6107160	6.805358	6.805358			

* 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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M) Details of Cum. Incentive Energy Scheduled to the Licensees (in Mus) from ISGS

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC
DADRI-II TPS	0.0000000	0.0000000	0.0000000	0.0000000	
JHAJJAR	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-II STPS	81.6325379	35.4675453	20.7919953	25.0442639	0.3287334
RIHAND-III STPS	77.9991655	45.7844316	31.8841748	0.0000000	0.3305591
SINGRAULI	38.5151974	7.5056218	19.1551108	11.8543527	0.0001122
UNCHAHAAR-III	0.0000000	0.0000000	0.0000000	0.0000000	

MJ1) INCENTIVE ENERGY FOR PEAK HOURS BEYOND TARGET PLF FOR Thermal Stations (Low Demnd season)

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC
DADRI-II TPS	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
JHAJJAR	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-II STPS	8.2309285	3.5919798	2.0771251	2.5086888	0.0531348
RIHAND-III STPS	7.1925935	4.2333833	2.9102327	0.0000000	0.0489775
SINGRAULI	3.1559464	0.6236853	1.5640497	0.9681969	0.0000145
UNCHAHAAR-I	0.0000000	0.0000000	0.0000000	0.0000000	
UNCHAHAAR-II	0.0000000	0.0000000	0.0000000	0.0000000	
UNCHAHAAR-III	0.6381879	0.2804655	0.1542985	0.2032050	0.0002189

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
DADRI-II TPS	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
JHAJJAR	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-II STPS	43.9717603	19.0572146	11.1485503	13.4818845	0.2841109
RIHAND-III STPS	35.8077334	20.9805163	14.5790230	0.0000000	0.2481941
SINGRAULI	18.3731108	3.6308699	9.0965220	5.6456322	0.0000867
UNCHAHAAR-III					

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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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
DADRI-II TPS	0.0000000	0.0000000	0.0000000	0.0000000	
JHAJJAR	6.2426948	0.8206763	0.5992394	4.8227790	
RIHAND STPS	1.1337766	0.7879829	0.0000000	0.3457937	
RIHAND-II STPS	5.2059107	2.2955733	1.3185571	1.5917803	
RIHAND-III STPS	6.4027453	3.7995236	2.6032217	0.0000000	
SINGRAULI	2.9270404	0.5636935	1.4602620	0.9030848	
UNCHAHAAR-II	0.9606886	0.4106060	0.2490426	0.3010400	
UNCHAHAAR-III	0.3830205	0.1651517	0.0972087	0.1206601	

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
DADRI-II TPS					
JHAJJAR					
RIHAND STPS	0.5079583	0.3487191	0.0000000	0.1592392	
RIHAND-II STPS	18.4296938	8.0042374	4.7493816	5.6760748	
RIHAND-III STPS	24.9599749	14.6478504	10.3121245	0.0000000	
SINGRAULI	12.9141696	2.4531427	6.4732964	3.9877305	
UNCHAHAAR-II					
UNCHAHAAR-III					

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)

Intra

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**J5) Cum. INCENTIVE ENERGY FOR PEAK HOURS BEYOND TARGET PLF FOR Thermal Stations
(Low Demnd season) for SR stns to NDMC**

Stations	Total for State in Mus	NDMC
Ramagundum STPS I&II	0.0000000	0.0000000
Ramagundum STPS III	0.0000000	0.0000000
Talchar STPS- II	0.3859110	0.3859110
NLC TPS(E)-1	0.0000000	0.0000000
NTPL-Tuticorin	0.0000000	0.0000000
NTECL-Vallur STPS	0.0000000	0.0000000
NLC-NNTPS	0.0000000	0.0000000

**J6) Cum. INCENTIVE ENERGY FOR OFF PEAK HOURS BEYOND TARGET PLF FOR Thermal Stations
(Low Demnd season) for SR stns to NDMC**

Stations	Total for State in Mus	NDMC
Ramagundum STPS III	0.0000000	0.0000000
Talchar STPS- II	1.9062210	1.9062210
NLC TPS(E)-1	0.0000000	0.0000000
NTPL-Tuticorin	0.0000000	0.0000000
NTECL-Vallur STPS	0.0000000	0.0000000
NLC-NNTPS	0.0000000	0.0000000

**J7) Cum. INCENTIVE ENERGY FOR PEAK & OFF PEAK HOURS BEYOND TARGET PLF FOR Thermal Stations
(Low Demnd season) for WR stns to NDMC**

Stations	Peak	Off Peak	Total for State in Mus
VSTPS-I	0.0010270	0.0360270	0.0370540
VSTPS-II	0.0145230	0.0741740	0.0886970
VSTPS-III	0.0121450	0.0692060	0.0813510
VSTPS-IV	0.0679200	0.3421720	0.4100920
VSTPS-V	0.0098870	0.0607120	0.0705990
KSTPS I&II	0.0455250	0.2274570	0.2729820
SIPAT II	0.0140800	0.1063230	0.1204030

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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	#06	15-11-2022	14:10	15-11-2022	15:05
		22-11-2022	20:45	22-11-2022	22:10
		25-11-2022	17:45	25-11-2022	18:41
PPCL		-Nil-			
Bawana	#3	07-11-2022	16:00	07-11-2022	19:30
		26-11-2022	11:30	26-11-2022	19:30

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)
Nov'22	12.168788

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

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

Month	Total Injection by EDMWP* in Mus(as per SEM)
Nov'22	1.817953

*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%)
Nov'22	8.090551	3.382659	1.933642	2.362441	0.411809

*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	28.5808575	17.428563	0.0000000	-8.162000	5.118715
	BYPL	2.3211975	9.389075	-12.8705250	-9.713500	1.887285
	TPDDL	28.1271475	12.029123	-5.8103800	-17.373750	17.23003
	NDMC	0.0000000	4.515673	0.0000000	-3.539000	6.6646625
	MES	0.0000000	2.924720	0.0000000	-0.004125	0
	N. Railway	2.4204375	0.528713	0.0000000	0.000000	0.931495
	Total	61.4496400	46.815865	-18.6809050	-38.792375	31.8321875
PXI	BRPL	0.0000000	0.0000000	0.0000000		
	BYPL	0.0000000	0.0000000	0.0000000		
	TPDDL	0.0000000	0.0000000	0.0000000		
	NDMC	0.0000000	0.0000000	0.0000000		
	MES	0.0000000	0.0000000	0.0000000		
	Total	0.0000000	0.0000000	0.0000000		

All figures are at Delhi Periphery after excluding the ISOA customer purchase/sale through Exchange.

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Q) 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	173.927795	76.356296	44.019922	52.580010	0.971567			173.927795
AURAIYA	314.974912	138.199196	79.574340	95.559592	1.641784			314.974912
DADRI(G)	330.526941	150.271109	84.080281	96.175551	0.000000			330.526941
DADRI	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
DADRI-II	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
IGSTPS-JHAJJAR	577.136397	60.739247	58.317122	458.080028	0.000000			577.136397
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
UNCHAHAAR-I	26.334465	10.836176	6.998413	8.265967	0.233909			26.334465
UNCHAHAAR-II	7.944185	2.752202	2.654947	2.097830	0.439206			7.944185
UNCHAHAAR-III	3.199452	1.048246	1.390257	0.576543	0.184406			3.199452
FARAKKA	11.737867	3.994297	5.052573	2.690996	0.000000			11.737867
KAHALGAON1	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
KAHALGAON-II	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
NABINAGAR	0.000000						0.000000	0.000000
TANDA-II	1.110561				1.110561			1.110561
UNCHAHAAR-IV	1.3509043				1.3509043			1.3509043
GANDHAR GPP	0.0015155				0.0015155			0.0015155
ADARWARA STPF	1.0542414				1.0542414			1.0542414
KHARGONE-I	1.5860913				1.5860913			1.5860913
KAWAS GPP	0.0009269				0.0009269			0.0009269
KAWAS GAS LF	0.000475				0.000475			0.000475
KAWAS GAS RF	0.0004519				0.0004519			0.0004519
Mouda STPS-II	0.1162483				0.1162483			0.1162483
SOLAPUR STPS	1.7845681				1.7845681			1.7845681