



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 January 2023

Sir,

Please find herewith the revised Provisional Intra-State ABT based Energy Accounts for the month of Jan-2023.

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 Entitlement

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 Jan'23

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
	Dec'22	95.80	94.46
	Jan'23	89.99	94.01
PPCL	Apr'22	95.22	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	62.62
	Dec'22	67.18	89.75
	Jan'23	98.08	89.78

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
	Dec'22	Low Demand	100.56	93.32	100.78	93.00	100.74	93.28
	Jan'23*	Low Demand	101.70	94.53	101.54	94.24	101.57	94.12

* Peak Hrs are 17:15 to 21:15 hrs for Jan'23

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

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

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 Intra
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'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
	Dec'22	41.533	22.744	29.667	4.945	0.000	0.000	1.111
	Jan'23	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		
	Dec'22	28.290	16.070	19.280	30.300	6.060		
	Jan'23	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
	Dec'22	31.13	18.00	21.75	7.30	1.82	10	10
	Jan'23	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 .

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

Stations	Period	BRPL	BYPL	TPDDL	NDMC
MSW Bawana	Jan'23	41.810	23.900	29.200	5.090
TWEPL	Jan'23	41.720	23.330	30.090	4.860

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

Stations	Period	BRPL	BYPL	TPDDL	NDMC	MES	HYN	PUNJAB
Bawana	Upto Jan'23	31.130	16.565	21.750	8.735	1.820	10	10
PPCL	Upto Jan'23	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 Jan'23	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
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C) Weighted Avg. entitlement of Distribution Licensees from ISGS

Stations	Total share in %	BRPL	BYPL	TPDDL	NDMC	BTPS
ANTA GPP	10.960	4.612	2.667	3.221	0.460	
AURIYAGPP	11.310	4.770	2.758	3.332	0.450	
BAIRASIUL	11.000	4.831	2.794	3.375	0.000	
CHAMERAHEP	7.900	3.470	2.007	2.423	0.000	
CHAMERA-II HEI	13.880	5.854	3.386	4.090	0.550	
CHAMERA-III HEI	13.194	5.593	3.234	3.907	0.460	
DADRI GPP	11.430	4.814	2.783	3.363	0.470	
DADRI TPS*	0.000	0.000	0.000	0.000	0.000	
DADRI-II TPS	74.465	55.469	17.867	1.019	0.110	
DHAULIGANGA	13.670	5.802	3.355	4.053	0.460	
DULAHSTI HEP	13.290	5.635	3.259	3.936	0.460	
JHAJJAR	46.430	0.6653	4.6154	40.9193	0.230	
KOLDAM HEP	0.210	0.000	0.000	0.000	0.210	
KOTESHWAR	10.160	6.835	0.000	3.025	0.300	
NAPP	11.120	7.403	0.000	3.277	0.440	
NATHPA JHAKR	9.770	4.159	2.405	2.905	0.301	
RAPP C	13.150	5.574	3.223	3.893	0.460	
RIHAND STPS	10.100	6.932	0.000	3.068	0.100	
RIHAND-II STPS	12.710	5.534	3.200	3.866	0.110	
RIHAND-III STPS	13.311	7.817	5.374	0.000	0.120	
SEWA-II HEP	13.790	5.855	3.385	4.090	0.460	
SINGRAULI	7.600	1.482	3.717	2.301	0.100	
SALAL HEP	11.620	8.669	2.951	0.000	0.000	
TEHRI HEP	6.600	4.367	0.000	1.933	0.300	
TANAKPUR	12.810	5.626	3.254	3.930	0.000	
UNCHAHAR-I	5.740	2.508	1.450	1.752	0.030	
UNCHAHAR-II	11.310	4.9146	2.8423	3.4331	0.120	
UNCHAHAR-III	13.930	6.0654	3.5077	4.2369	0.120	
URI HEP-I	11.040	4.849	2.804	3.387	0.000	
PARBATI-III	13.190	5.591	3.233	3.906	0.460	
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	
KAHALGAON-II	10.490	4.607	2.665	3.218	0.000	
SASAN	11.250	1.6686	8.8911	0.6903	0.000	
SINGRAULI HYD	19.590	0.0000	0.0000	19.130	0.460	

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

Stations	Monthly in %	Cumulative in %
Kishanganga	0.46	0.126
Meja TPS	0.23	0.063
Rampur	0.28	0.079
Tanda-II STPS	0.08	0.055
UNCHA HAR-IV	0.12	0.083

C3) Weighted Avg. entitlement From SR Stns to NDMC

Stations	Monthly in %	Cumulative in %
Ramagundum STPS I&II	0.406	0.553
Ramagundum STPS III	0.409	0.560
Talchar STPS- II	0.158	0.210
Simhadri STPS- II	0.189	0.236
Kudgi STPS -I	0.409	0.675
NLC TPS(II)-1	0.319	0.429
NLC TPS(II)-2	0.319	0.424
NLC TPS(E)-1	0.503	0.484
NLC TPS(E)-2	0.510	0.490
NLC-NNTPS	0.019	0.031
NTECL-Vallur STPS	0.249	0.340
NTPL-Tuticorin	0.398	0.538
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	0.1521	0.0551
KSTPS-7	0.2863	0.1223
VSTPS-I	0.2158	0.0759
VSTPS-II	0.2090	0.0776
VSTPS-III	0.2090	0.0788
VSTPS-IV	0.2863	0.1014
VSTPS-V	0.2863	0.1079
KGPP	0.0041	0.0014
GGPP	0.0045	0.0014
SIPAT-I	0.2863	0.1172
SIPAT-II	0.1995	0.0709
MSTPS-I	0.2067	0.0764
MSTPS-II	0.2838	0.0992
SSTPP	0.2863	0.0973
GSTPP	0.2863	0.1023
LSTPP	0.2839	0.1001
KHTPP	0.2863	0.1075
KAPP	0.0035	0.0007
TAPP 3&4	0.1182	0.0006

DELHI TRANSCO LIMITED
State Load Despatch Centre
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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	10.629	4.612	2.667	3.221	0.129	
AURIYAGPP	10.985	4.770	2.758	3.332	0.125	
BAIRASIUL	11.000	4.831	2.794	3.375	0.000	
CHAMERAHEP	7.900	3.470	2.007	2.423	0.000	
CHAMERA-II HEI	13.484	5.854	3.386	4.090	0.154	
CHAMERA-III HEI	12.860	5.593	3.234	3.907	0.126	
DADRI GPP	11.092	4.814	2.783	3.363	0.132	
DADRI TPS*	0.000	0.000	0.000	0.000	0.000	
DADRI-II TPS	53.924	40.169	12.939	0.738	0.078	
DHAULIGANGA	13.336	5.802	3.355	4.053	0.126	
DULAHSTI HEP	12.956	5.635	3.259	3.936	0.126	
JHAJJAR	46.263	4.008	4.615	37.577	0.063	
KOLDAM HEP	0.058	0.000	0.000	0.000	0.058	
KOTESHWAR	9.946	6.835	0.000	3.025	0.086	
NAPP	10.804	7.403	0.000	3.277	0.124	
NATHPA JHAKR	9.553	4.159	2.406	2.905	0.083	
RAPP C	12.816	5.574	3.223	3.893	0.126	
RIHAND STPS	10.071	6.932	0.000	3.068	0.071	
RIHAND-II STPS	12.675	5.534	3.200	3.866	0.075	
RIHAND-III STPS	13.274	7.817	5.374	0.000	0.083	
SEWA-II HEP	13.459	5.855	3.385	4.090	0.129	
SINGRAULI	7.571	1.482	3.717	2.301	0.071	
SALAL HEP	11.620	8.669	2.951	0.000	0.000	
TEHRI HEP	6.383	4.367	0.000	1.933	0.083	
TANAKPUR	12.810	5.626	3.254	3.930	0.000	
UNCHAHAR-I	5.736	2.508	1.450	1.752	0.026	
UNCHAHAR-II	11.273	4.9146	2.8423	3.4331	0.083	
UNCHAHAR-III	13.893	6.0654	3.5077	4.2369	0.083	
URI HEP-I	11.040	4.849	2.804	3.387	0.000	
PARBATI-III	12.856	5.591	3.233	3.906	0.126	
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	7.9978	1.5836	0.000	
SINGRAULI HYD	19.256	0.0000	0.0000	19.130	0.126	

* 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 Intra
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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	10.869921
	BYPL	7.178515
	TPDDL	8.505695
	NDMC	1.463819
	RPH	0.350050
	Total	28.368000
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	15.481095
	BYPL	8.862757
	MES	2.757026
	NDMC	14.968638
	TPDDL	8.921746
	Total	50.991262

*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

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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	0.246811
	BYPL	0.140201
	MES	0.052893
	NDMC	0.264367
	TPDDL	0.168228
	Total	0.872500
Bawana(APM, PMT)	BRPL	68.615833
	BYPL	37.733537
	MES	6.268690
	NDMC	14.047245
	TPDDL	46.369692
	HARYANA	21.303228
	PUNJAB	18.252070
Total	212.590294	
Bawana (RLNG)	BRPL	
	BYPL	
	MES	
	NDMC	
	TPDDL	
	HARYANA	
	PUNJAB	
Total	0.000000	
Bawana (S-RLNG)	BRPL	5.164609
	BYPL	1.089895
	MES	0.022107
	NDMC	0.547074
	TPDDL	0.171236
	HARYANA	0.123150
	PUNJAB	0.123150
Total	7.241220	

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	N. Railway
ANTA GF	0.000000					
ANTA RF	0.000000					
ANTA CRF	0.000000					
AURIYA CRF	0.000000					
AURIYA GF	0.000000					
AURIYA LF	0.166377	0.0023782	0.0013755	0.1624728	0.0001501	
AURIYA RF	0.023374	0.0000000	0.0000000	0.0233741	0.0000000	
BAIRASIUL	2.495712	1.0961167	0.6339108	0.7656844	0.0000000	
CHAMERAHEP	2.759222	1.2118503	0.7008424	0.8465293	0.0000000	
CHAMERA-II HEI	4.420973	1.8890815	1.0928644	1.3196603	0.1193663	
CHAMERA-III HEI	2.125754	0.9121612	0.5273997	0.6373012	0.0488924	
DADRI CRF	0.000000					
DADRI GF	0.000000					
DADRI LF	0.000000					
DADRI RF	0.002249	0.0009596	0.0005548	0.0006706	0.0000639	
DADRI TPS	0.000000					
DADRI-II TPS	421.680516	317.1224196	98.7287023	5.6256617	0.2037321	
DHAULIGANGA	4.110609	1.7655065	1.0206642	1.2331826	0.0912555	
DULAHSTI HEP	9.033824	3.8773173	2.2421951	2.7083404	0.2059712	
JHAJJAR	340.589709	3.3782883	30.1670957	305.6884068	1.3559185	
ANTA LF	0.000000					
KOTESHWAR	10.9320584	7.4195880	0.0000000	3.2839904	0.2284800	
NAPP	33.400028	22.5216391	0.0000000	9.9665684	0.9118208	
NAPTHA JHAKR	20.212667	8.6934681	5.0268903	6.0739064	0.4184022	
RAPP C	40.776427	17.4971648	10.1166315	12.2206951	0.9419355	
RIHAND STPS	66.958115	44.5542095	0.0000000	20.6508143	1.7530907	
RIHAND-II STPS	87.684110	37.1581398	22.0359824	26.6326268	1.8573608	
RIHAND-III STPS	88.000944	50.7889048	35.2441368	0.0000000	1.9679024	
SEWA-II HEP	2.787859	1.1965493	0.6919467	0.8360790	0.0632844	
SINGRAULI	90.697804	17.6083110	45.2168190	27.8726735	0.0000000	
SALAL HEP	8.476763	6.3240152	2.1527476	0.0000000	0.0000000	
TEHRI HEP	19.6221300	13.1821469	0.0000000	5.8356215	0.6043616	
TANAKPUR	1.627712	0.7148911	0.4134388	0.4993820	0.0000000	
UNCHAHAR-I	12.191003	5.4799966	3.0063904	3.6684847	0.0361312	
UNCHAHAR-II	25.561675	11.5041402	6.3883629	7.5993295	0.0698428	
UNCHAHAR-III	15.975697	6.9881887	3.9908106	4.9491057	0.0475916	
URI HEP	8.003807	3.5152719	2.0329669	2.4555679	0.0000000	
URI -II HEP	7.490701	3.2899158	1.9026380	2.2981470	0.0000000	
TALA	0.000000					
PARBATI-III	1.564347	0.6712612	0.3881144	0.4689911	0.0359800	
FARAKA	9.843310	4.3954834	2.4082392	3.0395875	0.0000000	
KAHALGAON-I	25.183106	11.1515946	6.6843141	7.3471973	0.0000000	
KAHALGAON-II	73.582381	32.7490893	18.9770263	21.8562656	0.0000000	
SASAN	239.543845	35.4940205	189.3491784	14.7006461	0.0000000	
Nabinagar STPS(BRBCL)	9.151691					9.1516906
SINGRAULI HYD	0.4945870			0.4868220	0.0077650	

* 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	0.077615	0.077615
Koldam	0.164948	0.164948
Meja TPS	1.504892	1.504892
Rampur HEP	0.161629	0.161629
Tanda-II STPS	0.713477	0.713477
UNCHAAR-IV	0.393276	0.393276

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	4.327738				4.3277380
Ramagundum STPS III	1.42708				1.4270800
Talchar STPS- II	1.804995				1.8049950
Simhadri STPS- II	1.269265				1.2692650
Kudgi STPS -I	5.031958				5.0319580
NLC TPS(II)-1	0.908615				0.9086150
NLC TPS(II)-2	0.633478				0.6334780
NLC TPS(E)-1	1.124428				1.1244280
NLC TPS(E)-2	0.356185				0.3561850
NLC-NNTPS	0.102325				0.1023250
NTECL-Vallur STPS	1.653953				1.6539530
NTPL-Tuticorin	2.63172				2.6317200
NPCIL-MAPS	0.19416				0.1941600
NPCIL-KAIGA GS-1&2	1.490463				1.4904630
NPCIL-KAIGA GS-3&4	1.629073				1.6290730
NPCIL-KKNPP-1	1.14417				1.1441700

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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	2.182658	2.182658
KSTPS-7	0.997805	0.997805
VSTPS-I	1.583691	1.583691
VSTPS-II	1.434347	1.434347
VSTPS-III	1.518945	1.518945
VSTPS-IV	1.975592	1.975592
VSTPS-V	0.987821	0.987821
KGPP	0.000000	0.000000
GGPP	0.000000	0.000000
SIPAT-I	3.924659	3.924659
SIPAT-II	1.391512	1.391512
MSTPS-I	1.440849	1.440849
MSTPS-II	2.538720	2.538720
SSTPP	2.007150	2.007150
GSTPP	3.183273	3.183273
LSTPP	2.785469	2.785469
KHTPP	2.558294	2.558294
KAPP	0.4657127	0.465713
TAPP 3&4	1.5421721	1.542172

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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	168.598218	77.613020	44.415094	46.570104		
DVC(LT-3) at Ex-NR State Per2012_02	161.460603	74.327268	42.534778	44.598556		
DVC(MEJIA)(LT-4) at Ex-NR Per	52.198242	23.198738	13.683739	15.315765		
DVC(MEJIA)(LT-2012_07) at Ex-NR State	49.983263	22.214323	13.103083	14.665856		
DVC(MEJIA7)(LT-8) at NR Per	75.054772		75.0547720			
DVC(MEJIA7)(LT-8) at NR State periphery2012_01	71.875338		71.8753380			
Haryana CLP Jhajjar(LT-5) at EX-NR per	65.464172			65.4641720		
Haryana CLP Jhajjar(LT-5) at EX-NR State periphery	62.694658			62.6946580		
(MPL-DVC)(LT-2012_04) at Ex-NR per	126.598210			126.5982100		
(MPL-DVC)at Ex-NR State per2012_04	121.239322			121.2393220		
Himachal(LT-59) at Ex-NR periphery	0.7619820			0.7619820		
Himachal(LT-59) at Ex-NR state peri	0.7300420			0.7300420		
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR periphery	13.2499380	13.2499380				
Nanti Hyd at NR periphery	0.9309250			0.9309250		
Nanti Hyd (L_NR_2019_11) at NR State peri	0.8914700			0.8914700		
SEISPPL-MP (L_NR_2019_19) at NR & state PP	26.1765180			26.1765180		
Tarenda Hyd, HP(L_NR2020_02) at NR PP	1.0910850			1.0910850		
Tarenda Hyd, HP(L_NR2020_02) at State PP	1.0446950			1.0446950		

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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	65.6961970	39.4181250	13.1394920	13.1385800		
ERCPL(L_NR_2021_12 & 13)	65.0197650	54.1833100	10.8364550			
Azure & Adani Power(L_NR_2021_14&15)	30.0434170	19.7518550	10.2915620			
SBSRPC11PL_BKN (2021_16&17)	28.7460130		9.5811280	19.1648850		
SECI at NR & state(LT-36,35 & 31)	9.8026480	3.31768	3.242640	3.242328		
MORJAR_BHJ2_W(2022_08)	6.9546250	6.9546250				
SITAC_W(2022_09&10)	41.0308160	20.515408	20.515408			

* 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	107.2734638	46.3302933	27.2653929	32.8638187	0.8139589
RIHAND-III STPS	101.3806784	59.2484717	41.3232132	0.0000000	0.8089936
SINGRAULI	47.5290440	9.2362321	23.6573505	14.6353512	0.0001102
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	11.6196780	5.0493049	2.9191695	3.5263018	0.1249018
RIHAND-III STPS	10.1756991	5.9621004	4.0980433	0.0000000	0.1155553
SINGRAULI	4.5235882	0.8942259	2.2418852	1.3874624	0.0000147
UNCHAHAAR-I	0.0000000	0.0000000	0.0000000	0.0000000	
UNCHAHAAR-II	0.0000000	0.0000000	0.0000000	0.0000000	
UNCHAHAAR-III	0.8818576	0.3913408	0.2136223	0.2766612	0.0002333

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	65.3151818	28.0552598	16.5464827	20.0056971	0.7077422
RIHAND-III STPS	54.8726275	31.9477191	22.2907717	0.0000000	0.6341367
SINGRAULI	26.9930959	5.2826183	13.4035425	8.3068450	0.0000901
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

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

Where,

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

SGi = Scheduled Generation in MW for the ith time block of the period,

N = Number of time blocks during the period, and

AUXn = 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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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	0.3548880	0.3548880
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	1.5898330	1.5898330
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	0.0075570	0.0805490	0.0881060
VSTPS-II	0.0255370	0.1293080	0.1548450
VSTPS-III	0.0252040	0.1385480	0.1637520
VSTPS-IV	0.1148890	0.5775400	0.6924290
VSTPS-V	0.0227270	0.1288870	0.1516140
KSTPS I&II	0.0813360	0.4055840	0.4869200
SIPAT II	0.0316880	0.1956340	0.2273220

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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	#01	15-01-2023	3:10	15-01-2023	05:52	
		20-01-2023	5:20	20-01-2023	17:17	
		23-01-2023	13:46	23-01-2023	15:00	
PPCL	#2	01-01-2023	2:30	01-01-2023	16:09	
		05-01-2023	15:00	05-01-2023	15:53	
		15-01-2023	17:08	15-01-2023	21:10	
		06-01-2023	12:00	06-01-2023	21:35	
		09-01-2023	16:06	09-01-2023	21:44	
		10-01-2023	16:19	10-01-2023	17:00	
		10-01-2023	19:46	10-01-2023	22:30	
		11-01-2023	10:36	11-01-2023	17:49	
		16-01-2023	10:35	16-01-2023	12:32	
		27-01-2023	7:10	27-01-2023	16:45	
		27-01-2023	17:30	28-01-2023	04:12	
		30-01-2023	16:05	30-01-2023	19:42	
		#1	12-01-2023	10:27	12-01-2023	12:00
		13-01-2023	15:32	13-01-2023	18:00	
		27-01-2023	17:05	27-01-2023	21:30	
30-01-2023	9:00	30-01-2023	10:40			
31-01-2023	8:55	31-01-2023	10:50			
Bawana	#1	04-01-2023	7:00	04-01-2023	13:30	
		04-01-2023	156:30	04-01-2023	22:30	
		#2	10-01-2023	18:00	10-01-2023	23:30

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L) Details of Energy Injected by TOWMCL as per SEM

Month	Total Injection by TOWMCL* in Mus(as per SEM)
Jan'23	12.764465

*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)
Jan'23	3.725119

*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%)
Jan'23	13.546853	5.663939	3.237698	3.955681	0.689535

*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

O) Details of Energy Scheduled by M/s TWEPL

all figures are in Mus

Period	Total	BRPL	BYPL	TPDDL	NDMC
Jan'23	2.382258	0.993869	0.555786	0.716826	0.115777

Note: M/s Tehkhand Waste to Energy Project Ltd (TWEPL) declared CoD of the plant @ 25 MW w.e.f 0:00 Hrs of 26 Jan'23 in compliance of DERC order dated 02.11.2018 in compliance with the provisions of the PPA , by DERC vide order dated 02.11.2018.

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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	34.1254325	17.369655	-8.8205000	-26.351398	5.3092475
	BYPL	1.0594425	13.643383	-57.1030450	-15.440500	4.498325
	TPDDL	9.4194525	19.553223	-62.1881950	-30.766250	0
	NDMC	1.9829600	2.977040	0.0000000	-6.409663	12.1109675
	MES	0.0000000	4.530855	0.0000000	-0.252000	0
	N. Railway	3.8056650	0.797360	0.0000000	0.000000	0.9999125
	Total	50.3929525	58.8715150	-128.1117400	-79.2198100	22.9184525
PXI	BRPL					
	BYPL					
	TPDDL					
	NDMC					
	MES					
	Total					

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	230.320292	100.320493	57.878886	69.316603	2.804310			230.320292
AURAIYA	409.717828	178.572412	102.922939	123.536379	4.686098			409.717828
DADRI(G)	455.125067	205.033538	115.729224	134.362305	0.000000			455.125067
DADRI	0.000000	0.000000	0.000000	0.000000	0.000000			0.000000
DADRI-II	18.417326	10.432102	7.090751	0.578293	0.316180			18.417326
IGSTPS-JHAJJAR	682.284839	59.203267	68.924691	554.156880	0.000000			682.284839
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	32.929484	13.343221	8.628002	10.534387	0.423874			32.929484
UNCHAHAAR-II	9.408050	2.937461	2.984113	2.747497	0.738978			9.408050
UNCHAHAAR-III	5.061223	1.607280	2.032414	1.064693	0.356836			5.061223
FARAKKA	17.330836	6.311338	6.742636	4.276863	0.000000			17.330836
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	0.886347				0.886347			0.886347
UNCHAHAAR-IV	1.9912698				1.9912698			1.9912698
GANDHAR GPP								
ADARWARA STPP-I								
KHARGONE-I								
KAWAS GPP								
KAWAS GAS LF								
KAWAS GAS RF								
Mouda STPS-II								
SOLAPUR STPS								