



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 July 2022(Amended-02).**

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of July-2022 (Amended) on account of Inter Discom Transaction b/w BRPLand NDMC and wt.avg Entitlement of Jhajjar.

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 & Swapping of Power (Amended).
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
State Load Despatch Centre Intra

Provisional Energy Accounts for the month of July'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
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

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	95.26	95.26	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

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

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 July'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
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		

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

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
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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

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

Stations	Period	BRPL	BYPL	TPDDL	NDMC	MES	HYN	PUNJAB
Bawana	Upto July'22	31.130	15.600	21.750	9.700	1.820	10	10
PPCL	Upto July'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 July'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 July'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*	0.000	0.000	0.000	0.000	0.000	
DADRI-II TPS	23.335	17.408	5.607	0.320		
DHAULIGANGA	13.210	5.802	3.355	4.053		
DULAHSTI HEP	12.830	5.635	3.259	3.936		
JHAJJAR	46.200	8.9813	4.6154	32.6033		
KOLDAM HEP	0.000	0.000	0.000	0.000		
KOTESHWAR	9.860	6.835	0.000	3.025		
NAPP	10.680	7.403	0.000	3.277		
NATHPA JHAKRI	9.470	4.1592	2.4054	2.9054		
RAPP C	12.690	5.574	3.223	3.893		
RIHAND STPS	10.000	6.932	0.000	3.068		
RIHAND-II STPS	12.600	5.534	3.200	3.866		
RIHAND-III STPS	13.191	7.817	5.374	0.000		
SEWA-II HEP	13.330	5.855	3.385	4.090		
SINGRAULI	7.500	1.482	3.717	2.301		
SALAL HEP	11.620	8.669	2.951	0.000		
TEHRI HEP	6.300	4.367	0.000	1.933		
TANAKPUR	12.810	5.626	3.254	3.930		
UNCHAAR-I	5.710	2.508	1.450	1.752		
UNCHAAR-II	11.190	4.9146	2.8423	3.4331		
UNCHAAR-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	7.8557	1.7257		
SINGRAULI HYDR	19.130	0.0000	0.0000	19.130		

The allocation from Sasan, Singrauli, Dadri(Th)-I & Jhajjar was revised w.e.f. 01.08.2014 as per DERC order for FY14-15 & further allocation from sasan, BTPS & GT are revised w.e.f 08.10.2015 as per DERC Tariff order for FY 15-16. The swapping of power b/w TPDDL & BYPL from Sasan & BTPS as done by DERC vide Tariff order for FY 15-16 has been stayed by ATE & stay is implemented w.e.f 04.05.16 with the direction of DERC

*Allocation from GT, Dadri(th)-I&II, Sasan, Aravli Jhajjar, Rihand-I, NAPP & all NHPC Stns has been changed as per DERC order dated 27.03.18 w.e.f 01.04.2018

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

***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 & GOI allocation order

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

C 2) Weighted Avg. entitlement From Southern Region Stns to NDMC

Stations	Monthly in %	Cumulative in %
Ramagundum STPS I&II	0.815	0.504
Ramagundum STPS III	0.841	0.519
Talchar STPS- II	0.305	0.188
Simhadri STPS- II	0.331	0.206
Kudgi STPS -I	1.082	0.668
NLC TPS(II)-1	0.641	0.392
NLC TPS(II)-2	0.620	0.379
NLC TPS(E)-1	0.567	0.353
NLC TPS(E)-2	0.568	0.354
NLC-NNTPS	0.049	0.029
NTECL-Vallur STPS	0.506	0.311
NTPL-Tuticorin	0.778	0.484
NPCIL-MAPS	0.270	0.168
NPCIL-KAIGA GS-1&2	1.000	0.623
NPCIL-KAIGA GS-3&4	1.000	0.623
NPCIL-KKNPP-1	0.190	0.118

***Re-Allocation of 100 MW un allocated quota of power from Southern Region Stns to NDMC
w.e.f 17.05.2022 to 15.10.2022 as per SRPC order dated 15.05.2022.**

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of July'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*	0.000	0.000	0.000	0.000	0.000	
DADRI-II TPS	61.391	45.798	14.752	0.841		
DHAULIGANGA	13.210	5.802	3.355	4.053		
DULAHSTI HEP	12.830	5.635	3.259	3.936		
JHAJJAR	46.200	2.7784	4.6154	38.8062		
KOLDAM HEP	0.000	0.000	0.000	0.000		
KOTESHWAR	9.860	6.835	0.000	3.025		
NAPP	10.680	7.403	0.000	3.277		
NATHPA JHAKRI	9.470	4.1592	2.4054	2.9054		
RAPP C	12.690	5.574	3.223	3.893		
RIHAND STPS	10.000	6.932	0.000	3.068		
RIHAND-II STPS	12.600	5.534	3.200	3.866		
RIHAND-III STPS	13.191	7.817	5.374	0.000		
SEWA-II HEP	13.330	5.855	3.385	4.090		
SINGRAULI	7.500	1.482	3.717	2.301		
SALAL HEP	11.620	8.669	2.951	0.000		
TEHRI HEP	6.300	4.367	0.000	1.933		
TANAKPUR	12.810	5.626	3.254	3.930		
UNCHAHAAR-I	5.710	2.508	1.450	1.752		
UNCHAHAAR-II	11.190	4.9146	2.8423	3.4331		
UNCHAHAAR-III	13.810	6.0654	3.5077	4.2369		
URI HEP-I	11.040	4.849	2.804	3.387		
PARBATI-III	12.730	5.591	3.233	3.906		
URI HEP-II	13.452	5.908	3.417	4.127		
FARAKKA	1.390	0.611	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	7.4313	2.1501		
SINGRAULI HYDR	19.130	0.0000	0.0000	19.130		

* Allocation from Talcher to BTPS @2MW withdraw w.e.f 31.08.2020 from 17.00 Hrs

*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 July'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	9.020023
	BYPL	6.470930
	TPDDL	8.518102
	NDMC	1.453430
	RPH	0.351150
	Total	25.813635
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	25.284549
	BYPL	14.364050
	MES	5.414763
	NDMC	27.061566
	TPDDL	17.233821
	Total	89.358750

*As per the Govt. of NCT of Delhi Order dated 20.05.11 w.e.f 01.04.11 onwards, the Auxiliary Power to the tune of 1 MW to IP is allocated from RPH at Ex-Bus.,Further as per GNCTD order dt 26.07.2016 w.e.f 01.09.2016 onwards, 0.35MW Auxillary Power reallocated to IP from GT in place of RPH.

* PPCL & GT stns are scheduled under System / Transmission constrains of Delhi as per MoM dated 14.09.18.

As per DERC Business Plan Regulation 2019 IPGCL & PPCL Generating Stations for MYT control Period FY 2020-21 & CERC Tariff Regulation for 2014-19 for Bawana, the salient featues are as under.

Details of Tariff component	PPCL	GT	Bawana
Normative Annual Plant Availabilty Factor in %	85	85	85
SHR in Kcal/Kwh	Closed Cycle	2000	1845
	Open Cycle	2900	2756
Aux. Cons in %	Closed Cycle	2.75	2.75
	Open Cycle	1	1

DELHI TRANSCO LIMITED
State Load Despatch Centre
Provisional Energy Accounts for the month of July'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	11.504736
	BYPL	8.481236
	MES	2.091713
	NDMC	10.703888
	TPDDL	8.005926
	Total	40.787500
Bawana(APM, PMT)	BRPL	70.582112
	BYPL	34.401113
	MES	4.631456
	NDMC	21.946937
	TPDDL	41.671664
	HARYANA	19.926960
	PUNJAB	12.388433
	Total	205.548675
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 July'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	0.002638	0.000000	0.000000	0.002638		
ANTA CRF	0.000000	0.000000	0.000000	0.000000		
AURIYA CRF	0.000000	0.000000	0.000000	0.000000		
AURIYA GF	0.000000	0.000000	0.000000	0.000000		
AURIYA LF	0.000000	0.000000	0.000000	0.000000		
AURIYA RF	0.133783	0.000000	0.000000	0.133783		
BAIRASIUL	6.604494	2.900694	1.677541	2.026259		
CHAMERAHEP	29.419649	12.921110	7.472591	9.025948		
CHAMERA-II HEP	27.373611	12.022490	6.952897	8.398224		
CHAMERA-III HEP	20.055533	8.808390	5.094105	6.153038		
DADRI CRF	0.021210	0.002859	0.016358	0.001992		
DADRI GF	0.000000	0.000000	0.000000	0.000000		
DADRI LF	0.002192	0.000962	0.000556	0.000674		
DADRI RF	0.635481	0.017413	0.010066	0.608003		
DADRI TPS	0.000000	0.000000	0.000000	0.000000	0.000000	
DADRI-II TPS	121.087131	91.895072	27.902531	1.289528	0.000000	
DHAULIGANGA	26.087713	11.457723	6.626279	8.003710		
DULAHSTI HEP	31.540575	13.852620	8.011306	9.676648		
JHAJJAR	341.694258	71.794816	30.441011	239.458432		
ANTA LF	0.042965	0.000000	0.000000	0.042965		
KOTESHWAR	8.6587434	6.0022409	0.0000000	2.6565025		
NAPP	27.618525	19.145162	0.000000	8.473364		
NAPTHA JHAKRI*	110.241189	48.417930	28.001262	33.821997		
RAPP C	37.589861	16.509467	9.547825	11.532569		
RIHAND STPS	62.512955	43.090336	0.000000	19.422619		
RIHAND-II STPS	87.129441	38.146814	22.467525	26.515102		
RIHAND-III STPS	91.274687	53.533542	37.741145	0.000000		
SEWA-II HEP	9.308738	4.088398	2.364419	2.855921		
SINGRAULI	97.206667	18.494322	48.754769	29.957576		
SALAL HEP	56.527460	42.169485	14.357975	0.000000		
TEHRI HEP	12.8937378	8.9379390	0.0000000	3.9557988		
TANAKPUR	7.709159	3.385863	1.958126	2.365170		
UNCHAHAHAR-I	11.377169	5.288659	2.942540	3.145970		
UNCHAHAHAR-II	23.960887	11.169022	6.100611	6.691254		
UNCHAHAHAR-III	15.433359	7.191987	3.952961	4.288412		
URI HEP	36.490512	16.026633	9.268590	11.195289		
URI -II HEP	23.563928	10.349277	5.985238	7.229413		
TALA	18.471976	8.112892	4.691882	5.667202		
PARBATI-III	19.572078	8.596057	4.971308	6.004714		
FARAKA	10.416124	4.660321	2.694472	3.061331	0.000000	
KAHALGAON-I	26.160662	11.868025	7.115465	7.177172	0.000000	
KAHALGAON-II	93.957971	41.915274	24.677382	27.365316	0.000000	
SASAN	281.532495	41.825191	196.930649	42.776655	0.000000	
Nabinagar STPS(BRBCL)	8.363234					8.363234
SINGRAULI HYDR	0.504983			0.504983		

* 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.

Annexure-3(contd..)

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

H) Details of Energy Scheduled from Southern Region Stns (in Mus) to NDMC @ 100 MW power Re-Allocation w.e.f 17.05.2022 as per SRPC order dated 15.05.2022.

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC
Ramagundum STPS I&II	9.738655				9.738655
Ramagundum STPS III	0				0
Talchar STPS- II	4.09745				4.09745
Simhadri STPS- II	1.7322075				1.7322075
Kudgi STPS -I	16.2103675				16.210368
NLC TPS(II)-1	1.44397				1.44397
NLC TPS(II)-2	2.706055				2.706055
NLC TPS(E)-1	1.562795				1.562795
NLC TPS(E)-2	0.6855275				0.6855275
NLC-NNTPS	0.3178425				0.3178425
NTECL-Vallur STPS	3.3252525				3.3252525
NTPL-Tuticorin	4.2452625				4.2452625
NPCIL-MAPS	0.3852125				0.3852125
NPCIL-KAIGA GS-1&2	2.98424				2.98424
NPCIL-KAIGA GS-3&4	3.248335				3.248335
NPCIL-KKNPP-1	0.88489				0.88489

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I) 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	160.103745	75.011149	43.210436	41.882160		
DVC(LT-3) at Ex-NR State Per2012_02	154.591038	72.428358	41.722610	40.440069		
DVC(MEJIA)(LT-4) at Ex-NR Per	14.969270	6.561030	4.194939	4.213301		
DVC(MEJIA)(LT-2012_07) at Ex-NR State	14.409658	6.315752	4.038115	4.055790		
DVC(MEJIA7)(LT-8) at NR Per	70.339918		70.3399180			
DVC(MEJIA7)(LT-8) at NR State periphery2012_01	67.911438		67.9114380			
Haryana CLP Jhajjar(LT-5) at EX-NR per	71.384390			71.3843900		
Haryana CLP Jhajjar(LT-5) at EX-NR State	58.915935			58.9159350		
(MPL-DVC)(LT-2012_04) at Ex-NR per	195.594622			195.5946220		
(MPL-DVC)at Ex-NR State per2012_04	188.841852			188.8418520		
Himachal(LT-59) at Ex-NR periphery	7.5045580			7.5045580		
Himachal(LT-59) at Ex-NR state peri	7.2462380			7.2462380		
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR periphery	17.3733750	17.3733750				
Nanti Hyd at NR periphery	7.5667050			7.5667050		
Nanti Hyd (L_NR_2019_11) at NR State peri	7.3067280			7.3067280		
SEISPPL-MP (L_NR_2019_19) at NR & state PP	22.9794080			22.9794080		
Tarenda Hyd, HP(L_NR2020_02)at NR PP	4.9395050			4.9395050		
Tarenda Hyd, HP(L_NR2020_02)at State PP	4.7667800			4.7667800		
Alfanar wind SECI-3(L_NR2020_05,06 & 07) at NR & state PP	77.5209210	46.5126250	15.5041480	15.5041480		
ERCPL(L_NR_2021_12 & 13)	53.4854150	44.5715700	8.9138450			
Azure & Adani Power(L_NR_2021_14&15)	24.1180650	14.9898300	9.1282350			
SBSRPC11PL_BK N (2021_16&17)	34.8618380		11.6197500	23.2420880		
SECI at NR & state(LT-36,35 & 31)	9.4317200	3.188082	3.122430	3.121208		

* 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 Sesi 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
DADRI-II TPS	0.0000000	0.0000000	0.0000000	0.0000000	
JHAJJAR	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND STPS	17.0870177	11.7676570	0.0000000	5.3193607	
RIHAND-II STPS	37.0235151	16.1250288	9.4928570	11.4056293	
RIHAND-III STPS	33.0137445	19.4075158	13.6062287	0.0000000	
SINGRAULI	19.3107618	3.6975862	9.6544751	5.9587005	
UNCHAHAAR-III	0.0000000	0.0000000	0.0000000	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
DADRI-II TPS	9.9326993	7.3901896	2.4224842	0.1200255	
JHAJJAR	14.9658583	0.2510895	1.4366924	13.2780764	
RIHAND STPS	2.0264827	1.4047090	0.0000000	0.6217737	
RIHAND-II STPS	3.8268990	1.6811631	0.9721037	1.1736322	
RIHAND-III STPS	2.5800286	1.5289837	1.0510449	0.0000000	
SINGRAULI	0.0320643	0.0063335	0.0158930	0.0098378	
UNCHAHAAR-I	0.0000000	0.0000000	0.0000000	0.0000000	
UNCHAHAAR-II	0.0000000	0.0000000	0.0000000	0.0000000	
UNCHAHAAR-III	0.8396705	0.3666442	0.2122097	0.2608166	

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	
JHAJJAR	28.3902608	0.4865753	2.6890395	25.2146460	
RIHAND STPS	8.0686832	5.5826399	0.0000000	2.4860433	
RIHAND-II STPS	17.6597641	7.7285445	4.4908346	5.4403850	
RIHAND-III STPS	9.8855954	5.8455984	4.0399970	0.0000000	
SINGRAULI	0.0000000	0.0000000	0.0000000	0.0000000	
UNCHAHAAR-III	0.6463092	0.2867132	0.1607039	0.1988921	

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

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

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	0.2502104	0.0257260	0.0241673	0.2003172	
RIHAND STPS	1.8927158	1.3165093	0.0000000	0.5762065	
RIHAND-II STPS	3.1379685	1.3862576	0.7935833	0.9581277	
RIHAND-III STPS	4.2581931	2.5285683	1.7296248	0.0000000	
SINGRAULI	3.1132031	0.5923082	1.5579433	0.9629516	
UNCHAHAAR-II	0.4228414	0.1807141	0.1097471	0.1323802	
UNCHAHAAR-III	0.4804421	0.2056502	0.1225110	0.1522809	

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	4.9400996	3.3746916	0.0000000	1.5654080	
RIHAND-II STPS	10.5872997	4.5670082	2.7498520	3.2704395	
RIHAND-III STPS	15.7492652	9.1738878	6.5753774	0.0000000	
SINGRAULI	14.9446473	2.7897487	7.5307037	4.6241950	
UNCHAHAAR-II					
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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**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	0.2093790	0.2093790
NLC TPS(E)-1	0.0641790	0.0641790
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	0.9203360	0.9203360
NLC TPS(E)-1	0.3347310	0.3347310
NTPL-Tuticorin	0.0000000	0.0000000
NTECL-Vallur STPS	0.0000000	0.0000000
NLC-NNTPS	0.0000000	0.0000000

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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	18.07.2022	9:55	18.07.2022	18:26	
		21.07.2022	21:07	21.07.2022	18:40	
		21.07.2022	21:05	21.07.2022	23:50	
	5	20.07.2022	12:28	20.07.2022	14:45	
		6	01.07.2022	14:02	01.07.2022	16:35
PPCL	1	06.07.2022	7:01	06.07.2022	08:45	
	2	06.07.2022	14:45	06.07.2022	15:15	
Bawana		-Nil-				

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L) Details of Energy Injected by TOWMCL as per SEM

Month	Total Injection by TOWMCL* in Mus(as per SEM)
July'22	12.611492

*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)
July'22	1.490465

*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%)
July'22	11.290495	4.720556	2.698428	3.296825	0.574686

*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	25.4766925	36.026533	-1.656500	-29.574698	5.5256025
	BYPL	1.1206050	8.015658	-63.808833	-32.660098	4.79387
	TPDDL	2.9405050	8.171013	-121.708890	-54.088738	0
	NDMC	1.9295675	7.363423	0.000000	-3.724250	25.31342
	MES	0.0000000	8.814550	0.000000	0.000000	0
	N. Railway	5.0231750	0.345548	0.000000	0.000000	0
	Total		36.4905450	68.736723	-187.1742225	-120.047783
PXI	BRPL	0.0000000	0.6040625	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	0.6040625	0.0000000	

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

P) Details of Swapping of power b/w BRPL and NDMC as per Lol approved for the period Apr'22 to July'22 vide DERC letter dated 29.04.2022.

Month	Time in Hrs	Quantum in MW at Discom PP	Quantum in MUs at Discom PP	Remarks
May'22	07:00 to 14:00	50	10.850000	From BRPL to NDMC
June'22	09:00 to 14:00	45	6.750000	From BRPL to NDMC
	00:00 to 03:00	75	6.750000	From NDMC to BRPL
	20:00 to 24:00	75	9.000000	From NDMC to BRPL
July'22				
01Jul to 22 Jul	09:00 to 14:00	45	4.950000	From BRPL to NDMC
01Jul to 15 Jul	00:00 to 03:00	42	1.890000	From NDMC to BRPL
01Jul to 15 Jul	20:00 to 24:00	42	2.520000	From NDMC to BRPL
16 Jul to 22 Jul	00:00 to 03:00	39	0.819000	From NDMC to BRPL
16 Jul to 22 Jul	20:00 to 24:00	39.74	1.112720	From NDMC to BRPL
23 Jul to 29 Jul	00:00 to 01:00	16.37	0.114590	From NDMC to BRPL
23 Jul to 29 Jul	21:00 to 24:00	16.37	0.343770	From NDMC to BRPL

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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	71.6973607	31.7294335	18.2256245	21.7423027	0.0000000			71.6973607
AURAIYA	140.3302006	62.0385266	35.5304925	42.7611815	0.0000000			140.3302006
DADRI(G)	138.2349481	65.5399818	35.1004053	37.5945610	0.0000000			138.2349481
DADRI	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
DADRI-II	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
IGSTPS-JHAJJAR	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
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	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
UNCHAHAR-II	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
UNCHAHAR-III	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
FARAKKA	3.0101837	1.7688657	0.4286826	0.8126354	0.0000000			3.0101837
KAHALGAON1	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
KAHALGAON-II	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000			0.0000000
NABINAGAR	0.0000000						0.0000000	0.0000000