

<p>Office of  <b>Manager (System Operation)</b>  33kV Grid Sub-Station Building  Minto Road, New Delhi-110002  Ph. No. 23211207  Fax No. 23221012, 23221059</p>		<p><b>DELHI TRANSCO LIMITED</b>  <b>STATE LOAD DESPATCH CENTER</b>  REGD. OFFICE : SHAKTI SADAN BUILDING, KOTLA  ROAD, NEW DELHI-110002  <a href="http://www.dtl.gov.in">www.dtl.gov.in</a>      <a href="http://www.delhisldc.org">www.delhisldc.org</a></p>
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No. F.DTL/207/2019-20/Mgr(SO)/EAC/456

Dated: 04.03.2020

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 February-2020.**

Sir,

Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of February-2020.

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.                                      |

The Account has been prepared as per CERC Tariff Regulation for the period 01.04.2017 to 31.03.2020 of DERC vide order dated 31.08.2017 issued for IPGCL / PPCL .

The Accounts are posted in SLDC website also.

This is for your information and further necessary action please.



Encl: As above

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**  
**Provisional Energy Accounts for the month of Feb'20**

Annexure-1

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

Stations	Period	PAFM in %	PAFN in %
RPH#	Apr'19	0.00	0.00
	May'19	0.00	0.00
	June'19	0.00	0.00
	July'19	0.00	0.00
	Aug'19	0.00	0.00
GT	Apr'19	84.07	84.07
	May'19	83.28	83.67
	June'19	87.6	84.96
	July'19	82.3	84.29
	Aug'19	86.77	84.79
	Sept'19	87.77	85.28
	Oct'19	81.52	84.73
	Nov'19	87.13	85.03
	Dec'19	91.92	85.81
	Jan'20	92.55	86.49
	Feb'20	86.28	86.47
	PPCL	Apr'19	92.68
May'19		95.45	94.09
June'19		93.53	93.90
July'19		92.57	93.56
Aug'19		95.38	93.93
Sept'19		95.26	94.15
Oct'19		91.22	93.72
Nov'19		99.16	94.39
Dec'19		102.54	95.31
Jan'20		100.06	95.79
Feb'20		103.72	96.48
Bawana		Apr'19	73.50
	May'19	84.53	79.10
	June'19	89.26	82.45
	July'19	92.11	84.91
	Aug'19	91.52	86.25
	Sept'19	86.32	86.26
	Oct'19	77.38	84.97
	Nov'19	92.07	85.85
	Dec'19	92.78	86.63
	Jan'20	96.88	87.67
	Feb'20	93.56	88.18

# 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.

The PAFM & PAFN shall be calculated with the following formula as per CERC Regulation for FY 17-18 to FY 19-20 dated 31.08.2017.

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

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 %

The capacity charge payable to a thermal generating station for a calendar month for Generating Stn covered under CERC Regulation month shall be calculated in accordance with the following formulae:

$$\text{CC1} = (\text{AFC}/12) * (\text{PAF1} / \text{NAPAF}) \text{ subject to ceiling of } (\text{AFC}/12)$$

$$\text{CC2} = \text{-----}$$

$$\text{CC3} = \text{-----}$$

$$\text{CC12} = ((\text{AFC}) * (\text{PAFY} / \text{NAPAF})) \text{ subject to ceiling of } (\text{AFC}) - (\text{CC1} + \text{CC2} + \text{CC3} + \text{CC4} + \text{CC5} + \text{CC6} + \text{CC7} + \text{CC8} + \text{CC9} + \text{CC10} + \text{CC11})$$

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Feb'20**

**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
RPH	Apr'19	43.920	25.400	30.680	0.000	0.000		
	May'19	43.920	25.400	30.680	0.000	0.000		
	June'19	43.920	25.400	30.680	0.000	0.000		
	July'19	43.920	25.400	30.680	0.000	0.000		
	Aug'19	43.920	25.400	30.680	0.000	0.000		
GT	Apr'19	61.030	8.589	30.251	0.000	0.000	0.130	
	May'19	61.030	8.589	30.251	0.000	0.000	0.130	
	June'19	61.030	8.589	30.251	0.000	0.000	0.130	
	July'19	61.030	8.589	30.251	0.000	0.000	0.130	
	Aug'19	61.030	8.589	30.251	0.000	0.000	0.130	
	Sept'19	<b>60.885</b>	<b>8.567</b>	<b>30.178</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.37</b>
	Oct'19	<b>60.885</b>	<b>8.567</b>	<b>30.178</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.37</b>
	Nov'19	<b>60.885</b>	<b>8.567</b>	<b>30.178</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.37</b>
	Dec'19	<b>60.885</b>	<b>8.567</b>	<b>30.178</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.37</b>
	Jan'20	<b>60.885</b>	<b>8.567</b>	<b>30.178</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.37</b>
Feb'20	<b>60.885</b>	<b>8.567</b>	<b>30.178</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.37</b>	
PPCL	Apr'19	28.290	16.070	19.280	30.300	6.060		
	May'19	28.290	16.070	19.280	30.300	6.060		
	June'19	28.290	16.070	19.280	30.300	6.060		
	July'19	28.290	16.070	19.280	30.300	6.060		
	Aug'19	28.290	16.070	19.280	30.300	6.060		
	Sept'19	28.290	16.070	19.280	30.300	6.060		
	Oct'19	28.290	16.070	19.280	30.300	6.060		
	Nov'19	28.290	16.070	19.280	30.300	6.060		
	Dec'19	28.290	16.070	19.280	30.300	6.060		
	Jan'20	28.290	16.070	19.280	30.300	6.060		
Feb'20	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'19	31.130	18.000	21.750	7.300	1.820	10	10
	May'19	31.130	18.000	21.750	7.300	1.820	10	10
	June'19	31.130	18.000	21.750	7.300	1.820	10	10
	July'19	31.130	18.000	21.750	7.300	1.820	10	10
	Aug'19	31.130	18.000	21.750	7.300	1.820	10	10
	Sept'19	31.130	18.000	21.750	7.300	1.820	10	10
	Oct'19	31.130	18.000	21.750	7.300	1.820	10	10
	Nov'19	31.130	18.000	21.750	7.300	1.820	10	10
	Dec'19	31.130	18.000	21.750	7.300	1.820	10	10
	Jan'20	31.130	18.000	21.750	7.300	1.820	10	10
	Feb'20	31.130	18.000	21.750	7.300	1.820	10	10

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Feb'20**

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

Stations	Period	BRPL	BYPL	TPDDL	NDMC
MSW Bawana	Feb'20	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 Feb'20	31.130	18.000	21.750	7.300	1.820	10	10
PPCL	Upto Feb'20	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 Feb'20	60.958	8.577	30.215	0.000	0.000	0.066	0.184

- \* 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&#2 216 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).
- \*\* COD of GT#1 & GT #2 with associated WHR unit comprising of total capacity 94.8 MW(31.6\*3) of Rithal on combined cycle mode on 04.09.11
- \*\*\* Operation of BTPS plant has been discontinued from 15th October 2018 as per GNTCTD order dated 12.11.2018.
- \*\*\*\* **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 Feb'20**

**C) Weighted Avg. entitlement of Distribution Licensees from ISGS**

Stations	Total share in %	BRPL	BYPL	TPDDL	NDMC	BTPS
ANTA GPP	10.500	4.612	2.667	3.221		
AURIYAGPP	10.860	4.770	2.758	3.332		
BAIRASIUL	11.000	4.831	2.794	3.375		
CHAMERAHEP	7.900	3.470	2.007	2.423		
CHAMERA-II HEP	13.330	5.854	3.386	4.090		
CHAMERA-III HEP	12.734	5.593	3.234	3.907		
DADRI GPP	10.960	4.814	2.783	3.363		
DADRI TPS	90.000	66.580	7.348	1.191	14.881	
DADRI-II TPS	<b>74.238</b>	<b>55.382</b>	<b>17.839</b>	<b>1.017</b>		
DHAULIGANGA	13.210	5.802	3.355	4.053		
DULAHSTI HEP	12.830	5.635	3.259	3.936		
JHAJJAR	46.200	0.6653	4.6154	40.9193		
KOLDAM HEP	0.000	0.000	0.000	0.000		
KOTESHWAR	9.860	6.835	0.000	3.025		
NAPP	10.680	7.403	0.000	3.277		
NATHPA JHAKRI	9.470	4.1592	2.4054	2.9054		
RAPP C	12.690	5.574	3.223	3.893		
RIHAND STPS	10.000	6.932	0.000	3.068		
RIHAND-II STPS	12.600	5.534	3.200	3.866		
RIHAND-III STPS	13.191	7.817	5.374	0.000		
SEWA-II HEP	13.330	5.855	3.385	4.090		
SINGRAULI	7.500	1.482	3.717	2.301		
SALAL HEP	11.620	8.669	2.951	0.000		
TEHRI HEP	6.300	4.367	0.000	1.933		
TANAKPUR	12.810	5.626	3.254	3.930		
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	0.610	0.353	0.427		
KAHALGAON-I	6.070	2.666	1.542	1.862		
KAHALGOAN-II	10.490	4.607	2.665	3.218		
SASAN	<b>11.250</b>	<b>1.6686</b>	<b>8.8911</b>	<b>0.6903</b>		
Talcher	<b>0.200000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.200000</b>
SINGRAULI HYDRO	19.130	0.0000	0.0000	19.130		

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

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

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

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Feb'20**

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

Stations	Total share in %	BRPL	BYPL	TPDDL	NDMC	BTPS
ANTA GPP	10.500	4.612	2.667	3.221		
AURIYAGPP	10.860	4.770	2.758	3.332		
BAIRASIUL	11.000	4.831	2.794	3.375		
CHAMERAHEP	7.900	3.470	2.007	2.423		
CHAMERA-II HEP	13.330	5.854	3.386	4.090		
CHAMERA-III HEP	12.734	5.593	3.234	3.907		
DADRI GPP	10.960	4.814	2.783	3.363		
DADRI TPS	90.000	66.580	7.348	1.191	14.881	
DADRI-II TPS	<b>68.976</b>	<b>51.456</b>	<b>16.575</b>	<b>0.945</b>		
DHAULIGANGA	13.210	5.802	3.355	4.053		
DULAHSTI HEP	12.830	5.635	3.259	3.936		
JHAJJAR	46.200	0.6653	4.6154	40.9193		
KOLDAM HEP	0.000	0.000	0.000	0.000		
KOTESHWAR	9.860	6.835	0.000	3.025		
NAPP	10.680	7.403	0.000	3.277		
NATHPA JHAKRI	9.470	4.1592	2.4054	2.9054		
RAPP C	12.690	5.574	3.223	3.893		
RIHAND STPS	10.000	6.932	0.000	3.068		
RIHAND-II STPS	12.600	5.534	3.200	3.866		
RIHAND-III STPS	13.191	7.817	5.374	0.000		
SEWA-II HEP	13.330	5.855	3.385	4.090		
SINGRAULI	7.500	1.482	3.717	2.301		
SALAL HEP	11.620	8.669	2.951	0.000		
TEHRI HEP	6.300	4.367	0.000	1.933		
TANAKPUR	12.810	5.626	3.254	3.930		
UNCHAHAR-I	5.710	2.508	1.450	1.752		
UNCHAHAR-II	11.190	4.9146	2.8423	3.4331		
UNCHAHAR-III	13.810	6.0654	3.5077	4.2369		
URI HEP-I	11.040	4.849	2.804	3.387		
PARBATI-III	12.730	5.591	3.233	3.906		
URI HEP-II	13.452	5.908	3.417	4.127		
FARAKKA	1.390	0.610	0.353	0.427		
KAHALGAON-I	6.070	2.666	1.542	1.862		
KAHALGAON-II	10.490	4.607	2.665	3.218		
<b>SASAN</b>	<b>11.250</b>	<b>1.6686</b>	<b>8.0727</b>	<b>1.5087</b>		
Talcher	<b>0.1322</b>	0.0000	0.0000	0.0000		<b>0.1322</b>
SINGRAULI HYDRO	19.130	0.0000	0.0000	19.130		

**State Load Despatch Centre  
Provisional Energy Accounts for the month of Feb'20**

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

Stations	Licensees	Scheduled Energy
GT(APM, PMT,RLNG)	BRPL	16.529393
	BYPL	1.845430
	TPDDL	7.416577
	RPH	0.316100
	MES	0.000000
	Total	26.107500
GT(S-RLNG)	BRPL	0.000000
	BYPL	0.000000
	TPDDL	0.000000
	NDMC	0.000000
	MES	0.000000
	Total	0.000000
PPCL(APM, PMT,RLNG)	BRPL	31.455684
	BYPL	17.467983
	MES	6.585167
	NDMC	32.925015
	TPDDL	21.624401
	Total	110.058250

\*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 Tariff Regulation dated 31.08.2017 regarding IPGCL & PPCL Generating Stations for MYT control Period FY 2017-18 to 2019-20 , & CERC Tariff Regulation for 2014-19 for BTPS & Bawana, the salient features are as under.

Details of Tariff component		PPCL	GT	Bawana	BTPS
Normative Annual Plant Availability Factor in %		85	<b>85</b>	85	85
SHR in Kcal/Kwh	Closed Cycle	2000	2450	1845	2750
	Open Cycle	2900	3125	2756	
Aux. Cons in %	Closed Cycle	2	2	<b>2.75</b>	8.5
	Open Cycle	0.5	0.5	1	

**Note:** DERC vide order dated 17.10.2019 clarified & direct to SLDC to considered Aux. Consumption 2.5 % for to determine the Plant Availability factor of GT & PPCL by commision for PPCL & GT stn as per Tariff regulation 2017. .

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Feb'20**

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

Stations	Licensees	Scheduled Energy
PPCL (S-RLNG)	BRPL	0.000000
	BYPL	0.000000
	MES	0.000000
	NDMC	0.000000
	TPDDL	0.000000
	Total	0.000000
Bawana(APM, PMT)	BRPL	69.160391
	BYPL	39.988346
	MES	4.040507
	NDMC	16.216866
	TPDDL	48.375891
	HARYANA	22.192000
	PUNJAB	22.136000
Total	222.110000	
Bawana (RLNG)	BRPL	36.556134
	BYPL	17.133249
	MES	2.060927
	NDMC	6.657463
	TPDDL	26.794969
	HARYANA	7.482588
	PUNJAB	7.566808
Total	104.252138	
Bawana (S-RLNG)	BRPL	0.000000
	BYPL	0.000000
	MES	0.000000
	NDMC	0.000000
	TPDDL	0.000000
	HARYANA	0.000000
	PUNJAB	0.000000
Total	0.000000	



**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Feb'20**

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

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC	BTPS	N. Railway
ANTA GF	0.0269588	0.0089863	0.0089863	0.0089863			
ANTA RF							
AURIYA GF	5.2139884	2.1163132	1.2153694	1.8823058			
AURIYA LF							
AURIYA RF	0.7498886	0.1640302	0.0009136	0.5849447			
BAIRASIUL	4.5618650	2.0035711	1.1587137	1.3995802			
CHAMERAHEP	7.2733152	3.1944400	1.8474221	2.2314531			
CHAMERA-II HEP	4.9232013	2.1622700	1.2504931	1.5104382			
CHAMERA-III HEP	1.4970124	0.6574878	0.3802411	0.4592834			
DADRI GF	15.7669585	8.0469225	2.5630757	5.1569604			
DADRI LF		0.0000000	0.0000000	0.0000000			
DADRI RF	0.5271143	0.0031476	0.0018192	0.5221475	0.0000000		
DADRI TPS	5.1648195	3.7926570	0.3555352	0.1085813	0.9080460		
DADRI-II TPS	310.2580786	267.9541096	40.3357259	1.9682431	0.0000000		
DHAULIGANGA	3.9090185	1.7168409	0.9928907	1.1992869			
DULAHSTI HEP	10.4492390	4.5893058	2.6541067	3.2058265			
JHAJJAR	0.8932721	0.0045844	0.0258071	0.8628806			
KOLDEM HEP		0.0000000	0.0000000	0.0000000			
KOTESHWAR	9.7544942	6.7618154	0.0000000	2.9926788			
NAPP	30.0225870	20.8116573	0.0000000	9.2109297			
NAPTHA JHAKRI*	17.6944523	7.7714035	4.4943909	5.4286580			
RAPP C	18.4798092	8.1163322	4.6938715	5.6696055			
RIHAND STPS	52.7505580	35.7897167	0.0000000	16.9608413			
RIHAND-II STPS	79.4033454	34.7627159	19.8635702	24.7770593			
RIHAND-III STPS	85.3571947	50.5965984	34.7605963	0.0000000			
SEWA-II HEP	7.2655212	3.1910169	1.8454424	2.2290619			
SINGRAULI	78.0323542	14.8577962	39.4009828	23.7735752			
SALAL HEP	14.6858092	10.9556137	3.7301955	0.0000000			
TEHRI HEP	16.3013255	11.3000788	0.0000000	5.0012467			
TANAKPUR	1.5705065	0.6897665	0.3989087	0.4818314			
UNCHAHAAR-I	6.0584214	2.9163841	1.4177898	1.7242476			
UNCHAHAAR-II	20.7828744	10.5768299	4.5306645	5.6753800			
UNCHAHAAR-III	13.0839665	6.6586982	2.8523034	3.5729649			
URI HEP	27.7701540	12.1966516	7.0536191	8.5198832			
URI -II HEP	17.8591755	7.8437499	4.5362306	5.4791950			
TALA**	1.0026560	0.440367	0.254675	0.307615			
PARBATI-III	1.6324411	0.7169681	0.4146400	0.5008329			
FARAKA	8.3980900	4.0141228	1.6235176	2.7604496			
KAHALGAON-I	23.8938070	10.1214605	5.8286018	7.9437447			
KAHALGAON-II	79.0173510	34.4667574	18.3194935	26.2311001			
SASAN	287.8899820	42.8173500	227.5269223	17.5457097			
Talcher	0.5801600					0.5801600	
<b>Nabinagar STPS(BRBCL)</b>	<b>3.0435610</b>						<b>3.0435610</b>
SINGRAULI HYDRO	0.3441044	0.0000000	0.0000000	0.3441044			

All Hydro stns, Nuclear Stns & Renewable stns scheduled by RLDC under must run stns vide MoM dated 14.09.18.

\*\* Energy from Tala based on implemented schedule issued by NRLDC

\*\*\* Energy from Talcher scheduled from 24.08.19 to BTPS for their Aux. Power consumption.

\*\*\* Energy from BRBCL scheduled from 15.01.2020 to N Railway.

Note: The above Scheduled energy include the URS energy booked to Delhi Discoms.

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Feb'20**

**G) Details of Energy Scheduled to the Licensees ( in Mus ) from Long term Bilaterals/Medium Term**

Stations	Total in MUs	BRPL	BYPL	TPDDL	NDMC	Northern Railway (Delhi)
DVC(LT-3) at Ex-NR periphery	166.488320	75.856127	39.206699	51.425494		
DVC(LT-3) at Ex-NR State Per	164.983733	75.170600	38.852380	50.960752		
DVC(MEJIA)(LT-4) at Ex-NR Per	47.438680	24.521233	9.920829	12.996618		
DVC(MEJIA)(LT-4) at Ex-NR State Periphery	47.008835	24.29904488	9.830935426	12.8788547		
DVC(MEJIA7)(LT-8) at NR Per	60.656080		60.6560800			
DVC(MEJIA7)(LT-8) at NR State periphery	60.110512		60.1105120			
Haryana CLP Jhajjar(LT-5) at EX-NR per	55.597610			55.5976100		
Haryana CLP Jhajjar(LT-5) at EX-NR State periphery	54.609970			54.6099700		
DVC(MPL-DVC)(LT-6) at Ex-NR per	157.336992			157.3369920		
DVC(MPL-DVC)(LT-6) at Ex-NR State per	155.884368			155.8843680		
JITPL MT20 at Ex-NR periphery	6.2806320					6.2806320
JITPL MT20 at Ex-NR State periphery	6.2232820					6.2232820
Himachal(LT-59) at Ex-NR periphery	0.7864300			0.7864300		
Himachal(LT-59) at Ex-NR state peri	0.7683350			0.7683350		
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR periphery	11.8727500	11.8727500				
Tuticorin_GIREL (L_NR_2018_61) at Ex-NR State peri	11.8727500	11.8727500				
Nanti Hyd (L_NR_2019_11) at NR periphery	0.9165350			0.9165350		
Nanti Hyd (L_NR_2019_11) at NR State peri	0.8957820			0.8957820		
SEISPPL-MP (L_NR_2019_19) at NR periphery	15.8654920			15.8654920		
SEISPPL-MP (L_NR_2019_19) at NR state peri	15.8654920			15.8654920		
Tarenda Hyd, HP(L_NR2020_02)at NR PP	1.2992950			1.2992950		
Tarenda Hyd, HP(L_NR2020_02)at State PP	1.2726520			1.2726520		
SECI	9.8112180	3.390218	3.20289	3.21811		

\* Power is scheduled to Northern Railway (as deemed licensee of Delhi) from JITPL under MTOA w.e.f. 31.03.2018

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Feb'20**

1.758256914

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

Stations	Total for State in Mus	BRPL	BYPL	TPDDL	NDMC
RIHAND-I STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-II STPS	0.0000000	0.0000000	0.0000000	0.0000000	
RIHAND-III STPS	89.0673088	52.8036469	36.2636619	0.0000000	

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

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

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)

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Feb'20**

**K) Details of Open Cycle operation of G.T.Stations in Delhi**

Stations	Unit No.	Date	From(Hrs)	Date	Upto(Hrs)	
<b>GT</b>	1	14.02.2020	8:47	14.02.2020	9:45	
		22.02.2020	13:10	22.02.2020	13:45	
		24.02.2020	16:35	24.02.2020	18:35	
		28.02.2020	5:55	28.02.2020	6:35	
	2	14.02.2020	16:01	14.02.2020	16:48	
		4	16.02.2020	14:25	16.02.2020	14:34
		<b>PPCL</b>	1	04.02.2020	12:45	04.02.2020
	1	16.02.2020	11:26	16.02.2020	12:16	
		22.02.2020	8:06	22.02.2020	9:09	
		2	26.02.2020	10:12	26.02.2020	12:48
		26.02.2020	16:12	26.02.2020	16:38	
<b>Bawana</b>	1	11.02.2020	14:48	12.02.2020	1:15	
		2	11.02.2020	14:48	12.02.2020	1:15

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Feb'20**

**M) Details of Energy Injected by TOWMCL as per SEM**

Month	Total Injection by TOWMCL* in Mus(as per SEM)
Feb'20	10.381616

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

**N) Details of Energy Injected by East Delhi Municipal Waste Plant**

all figures are in Mus

Month	Total	BRPL	BYPL	TPDDL	NDMC
Feb'20	2.120008		1.038804		

\*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.

**O) 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%)
Feb'20	11.5383684	4.824192	2.757670	3.369204	0.587303

\*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 28.02.2017 at 0.00 Hrs

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of Feb'20**

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

Energy Exchange	Licensees	Purchase	Sale
IEX	BRPL	75.0864977	-32.0021525
	BYPL	2.4476322	-61.7226325
	TPDDL	57.4425025	-4.5727675
	NDMC	32.9803257	0.0000000
	MES	4.0213370	-0.5494000
	N. Railway	0.0000000	0.0000000
	Total	171.9782950	-98.8469525
PXI	BRPL	0.0000000	0.0000000
	BYPL	0.0000000	0.0000000
	TPDDL	0.0000000	0.0000000
	NDMC	0.0000000	0.0000000
	MES	0.0000000	0.0000000
	Total	0.0000000	0.0000000

All figures are at Delhi Periphery after excluding the ISOA consumer purchase through Exchange.