

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

No. F.DTL/207/2020-21/Mgr(SO)/EAC/638

Dated: 05.08.2020

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 July-2020.**

Sir,

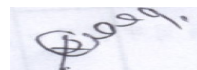
Please find herewith the Provisional Intra-State ABT based Energy Accounts for the month of July-2020.

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 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**

Annexure-1

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

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

| Stations | Period  | PAFM<br>in % | PAFN<br>in % |
|----------|---------|--------------|--------------|
| GT       | Apr'20  | 86.63        | 86.63        |
|          | May'20  | 85.32        | 85.97        |
|          | Jun'20  | 84.49        | 85.48        |
|          | July'20 | 84.78        | 85.30        |
| PPCL     | Apr'20  | 97.54        | 97.54        |
|          | May'20  | 89.73        | 93.54        |
|          | Jun'20  | 93.25        | 93.46        |
|          | July'20 | 93.86        | 93.56        |

| Stations | Period   | Season      | Peak Hour    |                | Off-Peak Hour |                 | PAFM<br>in % | PAFN<br>in % |
|----------|----------|-------------|--------------|----------------|---------------|-----------------|--------------|--------------|
|          |          |             | PAFM<br>in % | PAFMpn<br>in % | PAFM<br>in %  | PAFMopn<br>in % |              |              |
| Bawana   | Apr'20   | Low Demand  | 103.99       | 103.99         | 100.10        | 100.10          | 100.75       | 100.75       |
|          | May'20   | Low demand  | 96.00        | 99.93          | 96.12         | 98.07           | 96.1         | 98.38        |
|          | June'20* | High Demand | 92.45        | <b>92.45</b>   | 91.78         | <b>91.78</b>    | 91.89        | <b>91.89</b> |
|          | July'20* | High Demand | 82.82        | 87.56          | 83.65         | 87.65           | 83.15        | 87.45        |

# 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 Availibility of BTPS consider only upto 15.10.18.

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

The PAFM & PAFN shall be calculated with the following formula as per CERC Regulation for FY 19-20 to FY 23-24 dated 07.04.2019.

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

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 %  
 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 (CCy) = 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 (CCm) = Cap.Charge for Peak Hours of the Month (CCp) + Cap.Charge for Off-Peak Hours of the Month (CCop)

**DELHI TRANSCO LIMITED**  
**State Load Despatch Centre**  
**Provisional Energy Accounts for the month of July'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  |
|----------|---------|--------|--------|--------|--------|-------|-------|------|
| GT       | Apr'20  | 60.885 | 8.567  | 30.178 | 0.000  | 0.000 | 0.000 | 0.37 |
|          | May'20  | 60.885 | 8.567  | 30.178 | 0.000  | 0.000 | 0.000 | 0.37 |
|          | Jun'20  | 60.885 | 8.567  | 30.178 | 0.000  | 0.000 | 0.000 | 0.37 |
|          | July'20 | 60.885 | 8.567  | 30.178 | 0.000  | 0.000 | 0.000 | 0.37 |
| PPCL     | Apr'20  | 28.290 | 16.070 | 19.280 | 30.300 | 6.060 |       |      |
|          | May'20  | 28.290 | 16.070 | 19.280 | 30.300 | 6.060 |       |      |
|          | Jun'20  | 28.290 | 16.070 | 19.280 | 30.300 | 6.060 |       |      |
|          | July'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'20  | 31.130 | 18.000 | 21.750 | 7.300 | 1.820 | 10  | 10     |
|          | May'20  | 31.130 | 18.000 | 21.750 | 7.300 | 1.820 | 10  | 10     |
|          | Jun'20  | 31.130 | 18.000 | 21.750 | 7.300 | 1.820 | 10  | 10     |
|          | July'20 | 31.130 | 18.000 | 21.750 | 7.300 | 1.820 | 10  | 10     |

**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 | July'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 July'20 | 31.130  | 18.000  | 21.750  | 7.300   | 1.820  | 10  | 10     |
| PPCL     | Upto July'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 July'20 | 60.885 | 8.567 | 30.178 | 0.000 | 0.000 | 0.000 | 0.37 |

- \* 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 July'20**

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

| Stations        | Total share<br>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         |        |                 |
| PARBATHI-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>7.8557</b> | <b>1.7257</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 July'20**

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

| Stations        | Total share<br>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         |        |                 |
| 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         |        |                 |
| PARBATH-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>7.4313</b> | <b>2.1501</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        |        |                 |

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

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

| Stations               | Licensees | Scheduled Energy |
|------------------------|-----------|------------------|
| GT(APM,<br>PMT,RLNG)   | BRPL      | 37.478891        |
|                        | BYPL      | 4.160714         |
|                        | TPDDL     | 16.011821        |
|                        | RPH       | 0.359700         |
|                        | MES       | 0.000000         |
|                        | Total     | 58.011125        |
| GT(S-RLNG)             | BRPL      | 0.000000         |
|                        | BYPL      | 0.000000         |
|                        | TPDDL     | 0.000000         |
|                        | NDMC      | 0.000000         |
|                        | MES       | 0.000000         |
|                        | Total     | 0.000000         |
| PPCL(APM,<br>PMT,RLNG) | BRPL      | 53.237513        |
|                        | BYPL      | 27.632060        |
|                        | MES       | 10.249308        |
|                        | NDMC      | 50.197145        |
|                        | TPDDL     | 32.823974        |
|                        | Total     | 174.140000       |

\*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 features are as under.

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

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

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

| Stations            | Licensees  | Scheduled Energy |
|---------------------|------------|------------------|
| PPCL<br>(S-RLNG)    | BRPL       | 0.000000         |
|                     | BYPL       | 0.000000         |
|                     | MES        | 0.000000         |
|                     | NDMC       | 0.000000         |
|                     | TPDDL      | 0.000000         |
|                     | Total      | 0.000000         |
| Bawana(APM,<br>PMT) | BRPL       | 65.990812        |
|                     | BYPL       | 36.747807        |
|                     | MES        | 3.952327         |
|                     | NDMC       | 10.833620        |
|                     | TPDDL      | 45.899326        |
|                     | HARYANA    | 20.832355        |
|                     | PUNJAB     | 21.070850        |
| Total               | 205.327097 |                  |
| Bawana<br>(RLNG)    | BRPL       | 23.598414        |
|                     | BYPL       | 0.058782         |
|                     | MES        | 0.010555         |
|                     | NDMC       | 0.023840         |
|                     | TPDDL      | 0.071030         |
|                     | HARYANA    | 0.000003         |
|                     | PUNJAB     | 0.000003         |
| Total               | 23.762625  |                  |
| Bawana<br>(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 July'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                      | 5.0923543              | 1.6873753        | 1.1146516        | 2.2903274        |           |           |                  |
| ANTA RF                      | 1.3994586              | 0.0679332        | 0.0574221        | 1.2741033        |           |           |                  |
| ANTA CRF                     | 0.0000000              | 0.0000000        | 0.0000000        | 0.0000000        |           |           |                  |
| AURIYA CRF                   | 0.0000000              | 0.0000000        | 0.0000000        | 0.0000000        |           |           |                  |
| AURIYA GF                    | 0.1652914              | 0.1021763        | 0.0019360        | 0.0611791        |           |           |                  |
| AURIYA LF                    | 0.0048870              | 0.0021486        | 0.0012410        | 0.0014974        |           |           |                  |
| AURIYA RF                    | 0.8246445              | 0.0733520        | 0.0680737        | 0.6832187        |           |           |                  |
| BAIRASIUL                    | 6.5682650              | 2.8847820        | 1.6683393        | 2.0151437        |           |           |                  |
| CHAMERAHEP                   | 28.8376624             | 12.6655013       | 7.3247662        | 8.8473948        |           |           |                  |
| CHAMERA-II HEP               | 9.4825692              | 4.1647444        | 2.4085726        | 2.9092522        |           |           |                  |
| CHAMERA-III HEP              | 21.0717850             | 9.2547280        | 5.3522334        | 6.4648236        |           |           |                  |
| DADRI CRF                    | 0.0000000              | 0.0000000        | 0.0000000        | 0.0000000        |           |           |                  |
| DADRI GF                     | 8.3701554              | 4.3347800        | 1.1419882        | 2.8933872        |           |           |                  |
| DADRI LF                     | 0.0010960              | 0.0004814        | 0.0002766        | 0.0003380        |           |           |                  |
| DADRI RF                     | 2.7995877              | 0.0873328        | 0.0695708        | 2.6426841        |           |           |                  |
| DADRI TPS                    | 51.4876712             | 43.1990503       | 0.5312342        | 1.3006725        | 6.4567142 |           |                  |
| DADRI-II TPS                 | 238.5404128            | 197.2527932      | 38.2057059       | 3.0819137        |           |           |                  |
| DHAULIGANGA                  | 27.2889623             | 11.9853122       | 6.9313964        | 8.3722536        |           |           |                  |
| DULAHSTI HEP                 | 35.7961237             | 15.7216575       | 9.0922154        | 10.9822508       |           |           |                  |
| JHAJJAR                      | 0.0266509              | 0.0004473        | 0.0025975        | 0.0236061        |           |           |                  |
| <b>ANTA LF</b>               | <b>0.0068076</b>       | <b>0.0013857</b> | <b>0.0044539</b> | <b>0.0009680</b> |           |           |                  |
| KOTESHWAR                    | 9.6866612              | 6.7147935        | 0.0000000        | 2.9718677        |           |           |                  |
| NAPP                         | 28.7952905             | 19.9608954       | 0.0000000        | 8.8343951        |           |           |                  |
| NAPTHA JHAKRI*               | 113.3673840            | 49.7909551       | 28.7953155       | 34.7811134       |           |           |                  |
| RAPP C                       | 36.5852325             | 16.0682341       | 9.2926491        | 11.2243493       |           |           |                  |
| RIHAND STPS                  | 49.3260634             | 33.2631130       | 0.0000000        | 16.0629504       |           |           |                  |
| RIHAND-II STPS               | 71.7421331             | 31.2481492       | 17.7027836       | 22.7912004       |           |           |                  |
| RIHAND-III STPS              | 82.5466389             | 49.2776622       | 33.2689767       | 0.0000000        |           |           |                  |
| SEWA-II HEP                  | 5.5564572              | 2.4403960        | 1.4113401        | 1.7047211        |           |           |                  |
| SINGRAULI                    | 75.4188137             | 15.0635049       | 35.7495418       | 24.6057670       |           |           |                  |
| SALAL HEP                    | 59.3117208             | 44.2465437       | 15.0651771       | 0.0000000        |           |           |                  |
| TEHRI HEP                    | 13.8875964             | 9.6268818        | 0.0000000        | 4.2607146        |           |           |                  |
| TANAKPUR                     | 5.8667965              | 2.5766970        | 1.4901663        | 1.7999332        |           |           |                  |
| UNCHAHAR-I                   | 11.6797269             | 5.6185491        | 2.6511071        | 3.4100707        |           |           |                  |
| UNCHAHAR-II                  | 22.8078845             | 12.3913604       | 5.8319122        | 4.5846119        |           |           |                  |
| UNCHAHAR-III                 | 14.3412711             | 5.8884968        | 2.9382950        | 5.5144794        |           |           |                  |
| URI HEP                      | 38.4198072             | 16.8739793       | 9.7586310        | 11.7871968       |           |           |                  |
| URI -II HEP                  | 23.8013678             | 10.4535607       | 6.0455474        | 7.3022596        |           |           |                  |
| TALA**                       | 23.0697317             | 10.132226        | 5.859712         | 7.077794         |           |           |                  |
| PARBATI-III                  | 16.3412994             | 7.1770987        | 4.1506900        | 5.0135107        |           |           |                  |
| FARAKA                       | 10.6340020             | 5.1427336        | 2.5691182        | 2.9221503        |           |           |                  |
| KAHALGAON-I                  | 24.3049970             | 10.1217235       | 5.9094000        | 8.2738735        |           |           |                  |
| KAHALGAON-II                 | 66.3014730             | 28.8382256       | 15.9489213       | 21.5143261       |           |           |                  |
| SASAN                        | 286.7053030            | 42.3256046       | 194.8585095      | 49.5211890       |           |           |                  |
| Talcher                      | 0.8847690              |                  |                  |                  |           | 0.8847690 |                  |
| <b>Nabinagar STPS(BRBCL)</b> | <b>1.9996860</b>       |                  |                  |                  |           |           | <b>1.9996860</b> |
| SINGRAULI HYDRO              | 0.6743756              |                  |                  | 0.6743756        |           |           |                  |

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.

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

| Stations   | Total in MUs | BRPL        | BYPL        | TPDDL       | NDMC | Northern Railway (Delhi) |
|--|--------------|-------------|-------------|-------------|------|--------------------------|
| DVC(LT-3) at Ex-NR periphery                               | 178.915030   | 80.177210   | 41.237397   | 57.500423   |      |                          |
| DVC(LT-3) at Ex-NR State Per                               | 177.081803   | 79.355686   | 40.814863   | 56.911253   |      |                          |
| DVC(MEJIA)(LT-4) at Ex-NR Per                              | 43.742070    | 22.111400   | 9.882590    | 11.748079   |      |                          |
| DVC(MEJIA)(LT-4) at Ex-NR State Periphery                  | 43.29841     | 21.88713243 | 9.782354795 | 11.62892277 |      |                          |
| DVC(MEJIA7)(LT-8) at NR Per                                | 66.440778    |             | 66.4407780  |             |      |                          |
| DVC(MEJIA7)(LT-8) at NR State periphery                    | 65.760618    |             | 65.7606180  |             |      |                          |
| Haryana CLP Jhajjar(LT-5) at EX-NR per                     | 31.109658    |             |             | 31.1096580  |      |                          |
| Haryana CLP Jhajjar(LT-5) at EX-NR State periphery         | 30.622362    |             |             | 30.6223620  |      |                          |
| DVC(MPL-DVC)(LT-6) at Ex-NR per                            | 165.879375   |             |             | 165.8793750 |      |                          |
| DVC(MPL-DVC)(LT-6) at Ex-NR State per                      | 164.183725   |             |             | 164.1837250 |      |                          |
| JITPL MT20 at Ex-NR periphery                              | 5.8508300    |             |             |             |      | 5.8508300                |
| JITPL MT20 at Ex-NR State periphery                        | 5.7906680    |             |             |             |      | 5.7906680                |
| Himachal(LT-59) at Ex-NR periphery                         | 7.6497520    |             |             | 7.6497520   |      |                          |
| Himachal(LT-59) at Ex-NR state peri                        | 7.4744780    |             |             | 7.4744780   |      |                          |
| Tuticorin_GIREL ( L_NR_2018_61) at Ex-NR & state periphery | 15.7200050   | 15.7200050  |             |             |      |                          |
| Nanti Hyd (L_NR_2019_11) at NR periphery                   | 7.9262350    |             |             | 7.9262350   |      |                          |
| Nanti Hyd (L_NR_2019_11) at NR State peri                  | 7.7425300    |             |             | 7.7425300   |      |                          |
| SEISPPL-MP (L_NR_2019_19) at NR & state PP                 | 13.2473780   |             |             | 13.2473780  |      |                          |
| Tarenda Hyd, HP(L_NR2020_02)at NR PP                       | 9.2873220    |             |             | 9.2873220   |      |                          |
| Tarenda Hyd, HP(L_NR2020_02)at State PP                    | 9.0749920    |             |             | 9.0749920   |      |                          |
| Alfanar wind SECI-3(L_NR2020_05,06 & 07) at NR & state PP  | 1.7086650    | 1.0254300   | 0.3418250   | 0.3414100   |      |                          |
| SECI at NR & state   | 10.4001750   | 3.55426     | 3.426355    | 3.41956     |      |                          |

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

\* Power is scheduled to BRPL, BYPL & TPDDL from Alfanar wind Seci w.e.f. 29.07.2020

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

| Stations        | Total for State in Mus | BRPL      | BYPL      | TPDDL     | NDMC |
|-----------------|------------------------|-----------|-----------|-----------|------|
| RIHAND-I STPS   | 0.0000000              | 0.0000000 | 0.0000000 | 0.0000000 |      |
| RIHAND-II STPS  | 4.1946676              | 1.8024945 | 1.0755729 | 1.3166002 |      |
| RIHAND-III STPS | 11.0846470             | 6.5912882 | 4.4933588 | 0.0000000 |      |
|                 |                        |           |           |           |      |

**INCENTIVE ENERGY FOR PEAK HOURS BEYOND TARGET PLF FOR Thermal Stations**

| Stations        | Total for State in Mus | BRPL      | BYPL      | TPDDL     | NDMC |
|-----------------|------------------------|-----------|-----------|-----------|------|
| RIHAND-I STPS   | 0.0000000              | 0.0000000 | 0.0000000 | 0.0000000 |      |
| RIHAND-II STPS  | 2.1199218              | 0.9860190 | 0.5806597 | 0.7280365 |      |
| RIHAND-III STPS | 3.2872419              | 1.9643549 | 1.3228870 | 0.0000000 |      |
|                 |                        |           |           |           |      |

**INCENTIVE ENERGY FOR OFF PEAK HOURS BEYOND TARGET PLF FOR Thermal Stations**

| Stations        | Total for State in Mus | BRPL      | BYPL      | TPDDL     | NDMC |
|-----------------|------------------------|-----------|-----------|-----------|------|
| RIHAND-I STPS   | 0.0000000              | 0.0000000 | 0.0000000 | 0.0000000 |      |
| RIHAND-II STPS  | 0.5133801              | 0.2170942 | 0.1299037 | 0.1582070 |      |
| RIHAND-III STPS | 12.2576779             | 7.2814091 | 4.9762688 | 0.0000000 |      |
|                 |                        |           |           |           |      |

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<sub>i</sub> = Scheduled Generation in MW for the i<sup>th</sup> time block of the period,

N = Number of time blocks during the period, and

AUX<sub>n</sub> = Normative Auxiliary Energy Consumption as a percentage of gross energy generation

Incentive to a generating station or unit thereof shall be payable at a flat rate of 50 paise/kWh for ex-bus scheduled energy corresponding to scheduled generation in excess of ex-bus energy corresponding to Normative Annual Plant Load Factor(NAPLF)

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

| <b>Stations</b> | <b>Unit No.</b> | <b>Date</b> | <b>From(Hrs)</b> | <b>Date</b> | <b>Upto(Hrs)</b> |
|-----------------|-----------------|-------------|------------------|-------------|------------------|
| <b>GT</b>       | 1               | 07.07.2020  | 12:18            | 07.07.2020  | 12:48            |
|                 | 5               | 27.07.2020  | 18:35            | 27.07.2020  | 23:15            |
|                 | 6               | 27.07.2020  | 18:06            | 27.07.2020  | 23:05            |
| <b>PPCL</b>     | 1               | 27.07.2020  | 15:08            | 27.07.2020  | 16:30            |
|                 | 2               | 31.07.2020  | 19:23            | 31.07.2020  | 20:40            |
| <b>Bawana</b>   | 1               | 22.07.2020  | 07:42            | 22.07.2020  | 11:02            |
|                 |                 | 30.07.2020  | 10:35            | 30.07.2020  | 15:37            |
|                 |                 | 31.07.2020  | 17:16            | 31.07.2020  | 19:56            |
|                 | 2               | 10.07.2020  | 21:13            | 10.07.2020  | 3:07             |
|                 |                 | 19.07.2020  | 12:10            | 19.07.2020  | 15:03            |

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

| Month   | Total Injection by TOWMCL*<br>in Mus(as per SEM) |
|---------|--|
| July'20 | 12.658760  |

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

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

| Month   | Total Injection by EDMWP*<br>in Mus(as per SEM) |
|---------|---|
| July'20 | 1.858930  |

\*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<br>(41.81%) | BYPL<br>(23.9%) | TPDDL<br>(29.2%) | NDMC<br>(5.09%) |
|---------|-----------|------------------|-----------------|------------------|-----------------|
| July'20 | 12.629410 | 5.280356         | 3.018429        | 3.687788         | 0.642837        |

\*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

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

| Energy Exchange | Licensees  | Purchase    | Sale        |
|-----------------|------------|-------------|-------------|
| IEX             | BRPL       | 43.0365175  | -14.3170125 |
|                 | BYPL       | 5.4976200   | -7.4293550  |
|                 | TPDDL      | 70.1580200  | -1.7426775  |
|                 | NDMC       | 2.8447375   | -13.2512700 |
|                 | MES        | 8.4362050   | 0.0000000   |
|                 | N. Railway | 0.0000000   | 0.0000000   |
|                 | Total      | 129.9731000 | -36.7403150 |
| 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.