# DELHI TRANSCO LTD.

STATE LOAD DISPATCH CENTER

## PROGRESS REPORT

**********

OCTOBER 2022

# 1 SALIENT FEATURES OF DELHI POWER SYSTEM

| Sr. No. | Features | OCT. 2021 | OCT. 2022 |
|---|---|---|---|
| 1 | **Effective Generation Capacity within Delhi in MW** | | |
| | Rajghat Power House | 135 | 135 |
| | Gas Turbine | 270 | 270 |
| | Pragati Power Corporation Ltd. | 330 | 330 |
| | Bawana CCGT | 1371 | 1371 |
| | TOWMCL (Waste to Energ Plant) | 16 | 16 |
| | EDWPCL (Waste to Energ Plant) | 10 | 10 |
| | DMSWL (Waste to Energ Plant) | 24 | 24 |
| | Total | 2156 | 2156 |
| **2** | **Maximum Unrestricted Demand (MW)** | **5391** | **4990** |
| | Date | 05.10.21 | 04.10.22 |
| | Time | 15.17.01 | 16.17.48 |
| **3** | **Peak Demand met (MW)** | **5391** | **4990** |
| | Date | 05.10.21 | 04.10.22 |
| | Time | 15.17.01 | 16.17.48 |
| 4 | Peak Availability (MW) | 5128 | 4943 |
| 5 | Shortage (-) / Surplus (+) in MW | (-) 263 | (-) 47 |
| 6 | Percentage Shortage (-) / Surplus (+) | (-) 4.88 | (-) 0.94 |
| 7 | Maximum Energy Consume in a day (Mus) | 112.864 | 105.241 |
| 8 | Energy Consumed during the month | **2661.446** | **2447.404** |
| **9** | **Load Shedding in Mus** | | |
| A) | Due to Grid Restrictions | | |
| i) | Under Frequency Relay Operations | 0.000 | 0.000 |
| ii) | Manual Load shedding from DTL S/Stns. | 0.000 | 0.000 |
| iii) | Load Shedding due to low frequency / Low Voltage / TTC/ATC Violation | | |
| | TPDDL | 0.000 | 0.000 |
| | BRPL | 0.000 | 0.000 |
| | BYPL | 0.000 | 0.000 |
| | NDMC | 0.000 | 0.000 |
| | MES | 0.000 | 0.000 |
| iv) | Due to transmission Constraints in Central Sector | 0.000 | 0.000 |
| | **Total due to Grid Restriction** | **0.000** | **0.000** |
| B) | Due to Constraints in System in Mus | | |
| | DTL | 0.091 | 0.075 |
| | TPDDL | 0.048 | 0.008 |
| | BRPL | 0.017 | 0.000 |
| | BYPL | 0.030 | 0.013 |
| | NDMC | 0.000 | 0.000 |
| | MES | 0.000 | 0.000 |
| | Other Agencies | 0.005 | 0.000 |
| | **Total** | **0.191** | **0.096** |
| **10** | **Grand Total in Mus** | **0.191** | **0.096** |

## 2. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING OCTOBER 2022

### A) For the month of Oct. 2022

**All Figures in MUs**

| S. No | Stations | Gross Generation | Aux. Consumption | Net Generation | Plant Availability factor for the month (%) | Backing Down |
|---|---|---|---|---|---|---|
| 1. | RPH | 0.000 | 0.124 | -0.124 | -- | -- |
| 2. | GT | 27.632 | 1.336 | 26.296 | 31.82 | 35.79 |
| 3. | PPCL | 0.000 | 0.221 | -0.221 | 100.91 | 240.57 |
| 4. | Bawana | 129.105 | 5.886 | 123.219 | 94.86 | 818.29 |
| 5. | Towmcl | 15.289 | 2.008 | 13.281 | -- | -- |
| 6. | EDWPCL | 3.767 | 0.786 | 2.981 | -- | -- |
| 7. | DMSWL | 14.434 | 2.204 | 12.230 | -- | -- |
| | TOTAL | **190.227** | **12.565** | **177.662** | -- | **1094.65** |

### B) For the Year 2022-23 (Upto Oct. 2022)

| Power Station | Effective Capacity (MW) | Net Generation in MUs for Oct 2022 | Availability (%) for Oct 2022 | PLF (%) For Oct 2022 | Cumulative Generation in MUs upto Oct 2022 for the year 2022-23 | Cumulative Availability in % upto Oct 2022 or the year 2022-23 |
|---|---|---|---|---|---|---|
| RPH | 135 | -0.124 | -- | -- | -0.856 | -- |
| GT | 270 | 26.296 | 31.82 | 13.45 | 184.558 | 31.46 |
| PPCL | 330 | -0.221 | 100.91 | -0.11 | 746.308 | 96.65 |
| Bawana | 1372 | 123.219 | 94.86 | 12.35 | 1618.176 | 93.56 |
| Towmcl | 16 | 13.281 | -- | -- | 83.89 | -- |
| EDWPCL | 10 | 2.981 | -- | -- | 8.386 | -- |
| DMSWL | 24 | 12.230 | -- | -- | 80.921 | -- |
| TOTAL | 2936 | **177.662** | -- | -- | **2721.379** | -- |

## 3 DETAILS OF OUTAGES OF GENERATING STNS. WITHIN DELHI FOR OCTOBER 2022

### RPH

| Unit No | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|---|---|---|---|---|---|---|
| | | Date | Time | Date | Time | |
| 1 | 67.5 | 08.05.15 | 13.40 | | | Not in operation due to not meeting pollution norms. |
| 2 | 67.5 | 21.05.15 | 10.20 | | | Not in operation due to not meeting pollution norms. |

### (B) Gas Turbine

| Unit No | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|---|---|---|---|---|---|---|
| | | Date | Time | Date | Time | |
| 1 | 30 | 01.10.22 | 00.00 | 06.10.22 | 12.38 | Unit stopped due to low demand |
| | | 06.10.22 | 12.38 | 06.10.22 | 16.04 | Unit tripped due to flash in emergency changeover switch (in B phase) in CCT |
| | | 27.10.22 | 12.38 | 27.10.22 | 14.05 | Unit tripped due to C&I card problem |
| | | 29.10.22 | 15.50 | 31.10.22 | 23.59 | Unit stopped due to low demand |
| | | | | | | |
| 2 | 30 | 01.10.22 | 00.00 | 31.10.22 | 23.59 | Unit stopped due to low demand |
| | | | | | | |
| 3 | 30 | NIL | | | | |
| | | | | | | |
| 4 | 30 | NIL | | | | |
| | | | | | | |
| 5 | 30 | 01.10.22 | 00.00 | 31.10.22 | 23.59 | Unit stopped due to low demand |
| | | | | | | |
| 6 | 30 | 06.10.22 | 11.00 | 29.10.22 | 10.00 | Unit stopped due to low demand |
| | | | | | | |
| STG-1 | 30 | 01.10.22 | 00.00 | 06.10.22 | 17.50 | Unit stopped due to low demand |
| | | 27.10.22 | 12.38 | 27.10.22 | 15.22 | Unit tripped due to triping of GT-I |
| | | 29.10.22 | 15.52 | 31.10.22 | 23.59 | Unit stopped due to low demand |
| | | | | | | |
| STG-2 | 30 | NIL | | | | |
| | | | | | | |
| STG-3 | 30 | 05.10.22 | 23.30 | 08.10.22 | 10.45 | Unit tripped due to fault occurred in 24V DC charger |
| | | 08.10.22 | 10.45 | 29.10.22 | 15.30 | Unit stopped due to low demand |

### (C) PRAGATI

| Unit No | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|---|---|---|---|---|---|---|
| | | Date | Time | Date | Time | |
| 1 | 104 | 01.10.22 | 00.00 | 31.10.22 | 23.59 | Unit stopped due to low demand |
| | | | | | | |
| 2 | 104 | 01.10.22 | 00.00 | 31.10.22 | 23.59 | Unit stopped due to low demand |
| | | | | | | |
| STG | 122 | 01.10.22 | 00.00 | 31.10.22 | 23.59 | Unit stopped due to low demand |

## (D) BAWANA CCGT POWER STATION

| Unit | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|---|---|---|---|---|---|---|
| | | Date | Time | Date | Time | |
| 1 | 216 | NIL | | | | |
| | | | | | | |
| 2 | 216 | NIL | | | | |
| | | | | | | |
| 3 | 216 | NIL | | | | |
| | | | | | | |
| 4 | 216 | NIL | | | | |
| | | | | | | |
| STG -1 | 254 | NIL | | | | |
| | | | | | | |
| STG -2 | 254 | NIL | | | | |
| | | | | | | |

## 4 ALLOCATION OF POWER TO DISCOMS

## A) ALLOCTION OF DELHI AND DISCOMS (IN MW) FROM VARIOUS CENTRAL SECTOR, STATE SECTOR GENERATING STATIONS ALONG WITH LTAs w.e.f. 01.05.2020

| Name of the Stn | Installed capacity in MW | Capacity Allocation to Delhi In% | Capacity Allocation to Delhi in MW | DISCOMWISE CAPACITY ALLOCATION IN MW | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | BRPL | BYPL | TPDDL | NDMC | MES | RPH | NR |
| GAS TURBINE | 270 | 100 | 270 | **164.39** | **23.13** | **81.48** | **0.00** | **0.00** | **1.00** | |
| PRAGATI | 330 | 100 | 330 | 93 | 53 | 64 | 100 | 20 | | |
| BAWANA CCGT | 1371 | 80 | 1097 | 427 | 247 | 298 | 100 | 25 | | |
| EDWPCL(WEP) | 12 | 49 | 6 | 0 | 5.9 | 0 | 0 | 0 | | |
| Bawana(WEP) | 24 | 100 | 24 | 10 | 6 | 7 | 1 | 0 | | |
| TOWMCL(WEP)Exbus | 13 | 97.15 | 12.63 | 6.5 | 0 | 6.1 | 0 | | | |
| **TOTAL** | **2020** | | **1739.3** | **701.1** | **334.6** | **456.4** | **201.3** | **45.0** | **1.00** | **0.0** |
| **CENTRAL SECTOR GENERATION** | | | | | | | | | | |
| **NTPC STATIONS** | | | | | | | | | | |
| Singrauli STPS | 2000 | 7.50 | 150.00 | 30 | 74 | 46 | 0 | 0 | | |
| Rihand Stage-I | 1000 | 10.00 | 100.00 | 69 | 0 | 31 | 0 | 0 | | |
| Rihand Stage -II | 1000 | 12.60 | 126.00 | 55 | 32 | 39 | 0 | 0 | | |
| Rihand Stage-III | 1000 | 13.19 | 131.91 | 78 | 54 | 0 | 0 | 0 | | |
| ANTA GPS | 419 | 10.50 | 44.00 | 19 | 11 | 13 | 0 | 0 | | |
| Auriya GPS | 663.36 | 10.86 | 72.04 | 32 | 18 | 22 | 0 | 0 | | |
| Dadri GPS | 829.78 | 10.96 | 90.94 | 40 | 23 | 28 | 0 | 0 | | |
| Dadri (Th)-I | 840 | 90.00 | 756.00 | 559 | 62 | 10 | 125 | 0 | | |
| Dadri (Th) -II | 980 | 74.24 | 727.53 | 543 | 175 | 10 | 0 | 0 | | |
| Unchahaar-I TPS | 420 | 5.71 | 23.98 | 11 | 6 | 7 | 0 | 0 | | |
| Unchahaar-II TPS | 420 | 11.19 | 47.00 | 21 | 12 | 14 | 0 | 0 | | |
| Unchahaar-III TPS | 210 | 13.81 | 29.00 | 13 | 7 | 9 | 0 | 0 | | |
| Unchahaar-IV TPS | 500 | | | | | | | | | |
| Jhajjar | 1500 | 46.20 | 693.00 | 10 | 69 | 614 | 0 | 0 | | |
| Farakka(From ER) | 1600 | 1.39 | 22.24 | 10 | 6 | 7 | 0 | 0 | | |
| Kahalgaon-I(From ER) | 840 | 6.07 | 50.99 | 22 | 13 | 16 | 0 | 0 | | |
| Kahalgaon-II(From ER) | 1500 | 10.49 | 157.35 | 69 | 40 | 48 | 0 | 0 | | |
| **TOTAL NTPC** | **15722** | | **3221.98** | **1581** | **602** | **914** | **125** | **0** | **0** | **0** |
| **NHPC (HYDRO )** | | | | | | | | | | |
| Baira Suil HPS | 180 | 11.00 | 19.80 | 8.7 | 5.0 | 6.1 | 0 | 0 | | |
| Salal HPS | 690 | 11.62 | 80.18 | 59.8 | 20.4 | 0 | 0 | 0 | | |
| Tanakpur HEP | 94 | 12.81 | 12.07 | 5.30 | 3.07 | 3.70 | 0 | 0 | | |
| Chamera HEP | 540 | 7.90 | 42.66 | 18.7 | 10.8 | 13.1 | 0 | 0 | | |
| Chamera-II HEP | 300 | 13.33 | 39.99 | 17.6 | 10.2 | 12.3 | 0 | 0 | | |
| Chamera-III HEP | 231 | 12.73 | 29.42 | 12.9 | 7.5 | 9.0 | 0 | 0 | | |
| URI-I HEP | 480 | 11.04 | 52.99 | 23.3 | 13.5 | 16.3 | 0 | 0 | | |
| URI -II HEP | 240 | 13.45 | 32.28 | 14.2 | 8.2 | 9.9 | 0 | 0 | | |
| Sewa HEP | 120 | 13.33 | 16.00 | 7.02 | 4.06 | 4.91 | 0 | 0 | | |
| Dhauli Ganga HEP | 280 | 13.21 | 36.99 | 16.2 | 9.4 | 11.3 | 0 | 0 | | |
| Dulhasti HEP | 390 | 12.83 | 50.04 | 22.0 | 12.7 | 15.4 | 0 | 0 | | |
| Parbati-III HEP | 520 | 12.73 | 66.20 | 29.1 | 16.8 | 20.3 | 0 | 0 | | |
| **Total NHPC** | **4065** | | **478.61** | **234.81** | **121.6** | **122** | **0** | **0** | **0** | **0** |

| Name of the Stn | Installed capacity in MW | Capacity Allocation to Delhi In% | Capacity Allocation to Delhi in MW | DISCOMWISE CAPACITY ALLOCATION IN MW | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | BRPL | BYPL | TPDDL | NDMC | MES | RPH | NR |
| **Nathpa Jhakri HEP** | **1500** | **9** | **142.05** | **62** | **36** | **44** | **0** | **0** | | |
| Tehri Hydro | 1000 | 6.30 | 63.00 | 44 | 0 | 19 | 0 | 0 | | |
| Koteshwar HEP | 400 | 9.86 | 39.44 | 27 | 0 | 12 | 0 | 0 | | |
| **Total THDC** | **1400** | | **102.44** | **71.01** | **0** | **31.4** | **0** | **0** | **0** | **0** |
| Singrauli Hyd | 8 | 19.13 | 1.53 | 0 | 0 | 1.53 | | | | |
| **NPC (NUCLEAR)** | | | | | | | | | | |
| Narora APS | 440 | 10.68 | 46.99 | 33 | 0 | 14 | 0 | 0 | | |
| RAPP (C ) | 440 | 12.69 | 55.84 | 25 | 14 | 17 | 0 | 0 | | |
| **TOTAL NPC** | **880** | | **102.83** | **57** | **14** | **32** | **0** | **0** | **0** | **0** |
| **Allocation from ER** | | | | | | | | | | |
| Tala HEP | 1020 | 2.94 | 29.99 | 13 | 8 | 9 | 0 | 0 | | |
| SASAN | 3960 | 11.25 | 445.50 | 66.08 | 311.08 | 68.34 | 0 | 0 | | |
| DVC(CTPS7 &8 ) | | | **300.00** | **131.00** | **82.00** | **83.76** | | | | |
| DVC(Mejia6) | | | 100.00 | 44 | 25 | 31 | 0 | 0 | | |
| **TOTAL** | **4980** | | **875.49** | **254** | **426** | **192** | **0** | **0** | **0** | **0** |
| **Allocation from Long term Bilateral** | | | | | | | | | | |
| CLP Jhajjar(Th) | 1320 | | 124.00 | | | 124 | | | | |
| Mejia-7(Th) | 500 | | 119.00 | | 119 | | | | | |
| Methan(Th) | 1050 | | 281.25 | | | 281 | | | | |
| Surya Kanta(Hyd) | | | 14.00 | | | 14 | | | | |
| Nanti Hydro | | | 11.45 | | | 11 | | | | |
| Tutikoren(LT-61) | | | 50.00 | 50 | | | | | | |
| SECI | | | 60.00 | 20 | 20 | 20 | | | | |
| **RUMS - DMRC** | | | 99.00 | 47.5 | 26.3 | 25.2 | | | | |
| **Sun Edision (From 18.11.2019)** | | | **90.00** | | | **90** | | | | |
| **Teranda (HYD)(From 08.1.2020)** | | | **12.65** | | | **12.65** | | | | |
| **BRBCL (From 15.01.2020)** | | | **5.00** | | | | | | | 5 |
| JIPTL | | | 9.46 | | | | | | | 9.46 |
| **TOTAL** | 2870 | | **875.81** | **117** | **166** | **579** | **0** | **0** | **0** | **14.46** |
| **Total in MW** | 33445 | | 7540 | 3078 | 1700 | 2371 | 326 | 45 | 1 | 14.46 |

## B) ALLOCTION OF DELHI AND DISCOMS (IN %AGE) FROM VARIOUS CENTRAL SECTOR, STATE SECTOR GENERATING STATIONS ALONG WITH LTAs w.e.f. 01.05.2020

| Name of the Stn | Installed capacity in MW | Capacity Allocation to Delhi In% | Capacity Allocation to Delhi in MW | DISCOMWISE CAPACITY ALLOCATION IN PERCENTAGE (%AGE) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | BRPL | BYPL | TPDDL | NDMC | MES | RPH | NR |
| **STATE GENERATING STATIONS** | | | | | | | | | | |
| GAS TURBINE | 270 | 100 | 270 | **60.89** | **8.57** | **30.18** | **0.00** | **0.00** | **0.37** | |
| PRAGATI | 330 | 100 | 330 | 28.29 | 16.07 | 19.28 | 30.30 | 6.06 | | |
| BAWANA CCGT | 1371 | 80 | 1097 | 38.91 | 22.50 | 27.19 | 9.13 | 2.28 | | |
| EDWPCL(WEP) | 12 | 49 | 6 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | | |
| Bawana(WEP) | 24 | 100 | 24 | 41.81 | 23.90 | 29.20 | 5.09 | 0.00 | | |
| TOWMCL(WEP) | 13 | 97 | 12.63 | 50.00 | 0.00 | 47.15 | 0.00 | 0.00 | 0.00 | |
| **TOTAL** | **2020** | | **1739.31** | **40.31** | **19.24** | **26.24** | **11.57** | **2.58** | **0.06** | **0.00** |
| **CENTRAL SECTOR GENERATION** | | | | | | | | | | |
| **NTPC STATIONS** | | | | | | | | | | |
| Singrauli STPS | 2000 | 7.50 | 150.00 | 19.76 | 49.56 | 30.68 | 0.00 | 0.00 | | |
| Rihand Stage-I | 1000 | 10.00 | 100.00 | 69.32 | 0.00 | 30.68 | 0.00 | 0.00 | | |
| Rihand Stage -II | 1000 | 12.60 | 126.00 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| Rihand Stage-III | 1000 | 13.19 | 131.91 | 59.26 | 40.74 | 0.00 | 0.00 | 0.00 | | |
| ANTA GPS | 419 | 10.50 | 44.00 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| Auriya GPS | 663.36 | 10.86 | 72.04 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| Dadri GPS | 829.78 | 10.96 | 90.94 | 43.92 | 25.39 | 30.68 | 0.00 | 0.00 | | |
| Dadri (Th)-I | 840 | 90.00 | 756.00 | 73.98 | 8.17 | 1.32 | 16.53 | 0.00 | | |
| Dadri (Th) -II | 980 | 74.24 | 727.53 | 74.60 | 24.03 | 1.37 | 0.00 | 0.00 | | |
| Unchahaar-I TPS | 420 | 5.71 | 23.98 | 43.92 | 25.39 | 30.68 | 0.00 | 0.00 | | |
| Unchahaar-II TPS | 420 | 11.19 | 47.00 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| Unchahaar-III TPS | 210 | 13.81 | 29.00 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| Unchahaar-IV TPS | 500 | | | | | | | | | |
| Jhajjar | 1500 | 46.20 | 693.00 | 1.44 | 9.99 | 88.57 | 0.00 | 0.00 | | |
| Farakka | 1600 | 1.39 | 22.24 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| Kahalgaon-I | 840 | 6.07 | 50.99 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| Kahalgaon-II | 1500 | 10.49 | 157.35 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| **TOTAL NTPC** | **15722** | | **3221.98** | **49.06** | **18.70** | **28.37** | **3.88** | **0.00** | **0.00** | **0.00** |
| **NHPC (HYDRO )** | | | | | | | | | | |
| Baira Suil HPS | 180 | 11.00 | 19.80 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| Salal HPS | 690 | 11.62 | 80.18 | 74.60 | 25.40 | 0.00 | 0.00 | 0.00 | | |
| Tanakpur HEP | 94 | 12.81 | 12.07 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| Chamera HEP | 540 | 7.90 | 42.66 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| Chamera-II HEP | 300 | 13.33 | 39.99 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| Chamera-III HEP | 231 | 12.73 | 29.42 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| URI-I HEP | 480 | 11.04 | 52.99 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| URI -II HEP | 240 | 13.45 | 32.28 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| Sewa HEP | 120 | 13.33 | 16.00 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| Dhauli Ganga HEP | 280 | 13.21 | 36.99 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| Dulhasti HEP | 390 | 12.83 | 50.04 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| Parbati-III HEP | 520 | 12.73 | 66.20 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| **Total NHPC** | **4065** | | **478.60734** | **49.06** | **25.40** | **25.54** | **0.00** | **0.00** | | |

| Name of the Stn | Installed capacity in MW | Capacity Allocation to Delhi In% | Capacity Allocation to Delhi in MW | DISCOMWISE CAPACITY ALLOCATION IN PERCENTAGE (%AGE) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | BRPL | BYPL | TPDDL | NDMC | MES | RPH | NR |
| **Nathpa Jhakri HEP** | **1500** | **9** | **142.05** | **43.92** | **25.40** | **30.68** | **0.00** | **0.00** | | |
| Tehri Hydro | 1000 | 6.30 | 63.00 | 69.32 | 0.00 | 30.68 | 0.00 | 0.00 | | |
| Koteshwar HEP | 400 | 9.86 | 39.44 | 69.32 | 0.00 | 30.68 | 0.00 | 0.00 | | |
| **Total THDC** | **1400** | | **102.44** | **69.32** | **0.00** | **30.68** | **0.00** | **0.00** | | |
| Singrauli Hyd | 8 | 19.13 | 1.53 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | | |
| **NPC (NUCLEAR)** | | | | | | | | | | |
| Narora APS | 440 | 10.68 | 46.99 | 69.32 | 0.00 | 30.68 | 0.00 | 0.00 | | |
| RAPP (C ) | 440 | 12.69 | 55.84 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| **TOTAL NPC** | **880** | | **102.828** | **55.53** | **13.79** | **30.68** | **0.00** | **0.00** | **0.00** | **0.00** |
| **Allocation from ER** | | | | | | | | | | |
| Tala HEP | 1020 | 2.94 | 29.99 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| **SASAN** | **3960** | **11.25** | **445.50** | **14.83** | **69.83** | **15.34** | **0.00** | **0.00** | | |
| DVC(CTPS7 &8 ) | | | **300.00** | **44.14** | **27.63** | **28.22** | | | | |
| DVC(Mejia6) | | | 100.00 | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | | |
| **TOTAL** | **4980** | | **875.488** | **29.03** | **48.67** | **21.93** | **0.00** | **0.00** | **0.00** | **0.00** |
| **Allocation from Long term Bilateral** | | | | | | | | | | |
| CLP Jhajjar(Th) | 1320 | | 124.00 | | | 100.00 | | | | |
| Mejia-7(Th) | 500 | | 119.00 | | 100.00 | | | | | |
| Methan(Th) | 1050 | | 281.25 | | | 100.00 | | | | |
| Surya Kanta(Hyd) | | | 14.00 | | | 100.00 | | | | |
| Nanti Hydro | | | 11.45 | | | 100.00 | | | | |
| Tutikoren | | | 50.00 | 100.00 | | | | | | |
| SECI | | | 60.00 | 32.93 | 33.78 | 33.29 | | | | |
| **RUMS - DMRC** | | | 99.00 | 47.98 | 26.57 | 25.45 | | | | |
| **Sun Edision (From 18.11.2019)** | | | 90.00 | | | 100.00 | | | | |
| **Teranda (HYD) (From 08.1.2020)** | | | **12.65** | | | 100.00 | | | | |
| **BRBCL (From 15.01.2020)** | | | **5.00** | | | | | | | 100 |
| JIPTL | | | 9.46 | | | | | | | 100 |
| **TOTAL** | 2870 | | 875.81 | **13.39** | **18.90** | **66.06** | **0.00** | **0.00** | **0.00** | **200.0** |
| **Total** | 33445 | | 7540 | **40.83** | **22.55** | **31.45** | **4.33** | **0.60** | **0.01** | **0.19** |

# 5 POWER AVAILABILITY-DEMAND POSITION AT THE TIME OF PEAK DEMAND MET DURING OCTOBER 2022

| Date | Time of peak demand | Generation within Delhi | | | | | | | Import from the Grid | Schedule from the Grid | OD(-) / UD(+) | Demand met | Shedding | Un-Restricted Demand |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | GT | PPCL | Bawana | TOWMCL | EDWPCL | DMSWL | Total | | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) = (3) to (8) | (10) | (11) | (12)= (11) - (10) | (13)= (11)+ (12) | (14) | (15)= (13)+ (14) |
| 1 | 15.00.40 | 36 | 0 | 299 | 17 | 0 | 17 | 369 | 4354 | 4346 | 8 | 4723 | 0 | 4723 |
| 2 | 00.00.02 | 38 | 0 | 312 | 19 | 1 | 16 | 385 | 4125 | 3965 | 160 | 4510 | 0 | 4510 |
| 3 | 15.29.31 | 36 | 0 | 273 | 19 | 5 | 17 | 350 | 4506 | 4543 | -37 | 4856 | 0 | 4856 |
| 4 | 16.17.48 | 36 | 0 | 271 | 18 | 6 | 17 | 348 | 4642 | 4689 | -47 | 4990 | 0 | 4990 |
| 5 | 00.00.08 | 38 | 0 | 270 | 19 | 4 | 6 | 337 | 4360 | 4198 | 162 | 4697 | 0 | 4697 |
| 6 | 15.20.19 | 0 | 0 | 269 | 19 | 4 | 17 | 309 | 4620 | 4307 | 313 | 4929 | 0 | 4929 |
| 7 | 11.00.33 | 38 | 0 | -5 | 19 | 7 | 17 | 76 | 4460 | 4291 | 169 | 4536 | 0 | 4536 |
| 8 | 11.33.52 | 39 | 0 | -7 | 19 | 6 | 17 | 74 | 3774 | 3807 | -33 | 3848 | 0 | 3848 |
| 9 | 12.05.52 | 38 | 0 | -1 | 19 | 0 | 19 | 75 | 3397 | 3358 | 39 | 3472 | 0 | 3472 |
| 10 | 12.14.46 | 38 | 0 | -2 | 19 | 3 | 17 | 75 | 3752 | 3668 | 84 | 3827 | 0 | 3827 |
| 11 | 18.33.11 | 38 | 0 | -4 | 19 | 7 | 17 | 77 | 3930 | 3873 | 57 | 4007 | 0 | 4007 |
| 12 | 18.31.25 | 37 | 0 | -3 | 19 | 4 | 16 | 73 | 4005 | 3954 | 51 | 4078 | 0 | 4078 |
| 13 | 12.29.57 | 38 | 0 | -1 | 19 | 4 | 17 | 77 | 3990 | 3844 | 146 | 4067 | 0 | 4067 |
| 14 | 18.19.30 | 37 | 0 | -3 | 19 | 3 | 18 | 74 | 4028 | 3923 | 105 | 4102 | 0 | 4102 |
| 15 | 18.23.27 | 37 | 0 | -4 | 18 | 5 | 18 | 74 | 3698 | 3695 | 3 | 3772 | 0 | 3772 |
| 16 | 18.25.40 | 35 | 0 | -3 | 19 | 5 | 18 | 74 | 3482 | 3547 | -65 | 3556 | 0 | 3556 |
| 17 | 10.38.05 | 37 | 0 | -2 | 19 | 0 | 16 | 70 | 4016 | 3808 | 208 | 4086 | 0 | 4086 |
| 18 | 18.18.30 | 35 | 0 | -3 | 19 | 4 | 17 | 72 | 4007 | 4011 | -4 | 4079 | 0 | 4079 |
| 19 | 18.21.34 | 36 | 0 | 307 | 16 | 5 | 18 | 382 | 3749 | 3736 | 13 | 4131 | 0 | 4131 |
| 20 | 18.23.29 | 35 | 0 | 299 | 19 | 7 | 17 | 377 | 3783 | 3766 | 17 | 4160 | 0 | 4160 |
| 21 | 12.00.33 | 36 | 0 | 271 | 15 | 6 | 17 | 345 | 3779 | 3687 | 92 | 4124 | 0 | 4124 |
| 22 | 11.21.29 | 36 | 0 | 272 | 19 | 4 | 15 | 346 | 3458 | 3303 | 155 | 3804 | 0 | 3804 |
| 23 | 11.45.12 | 36 | 0 | 271 | 17 | 0 | 18 | 342 | 2980 | 2966 | 14 | 3322 | 0 | 3322 |
| 24 | 18.35.58 | 36 | 0 | 269 | 18 | 5 | 17 | 345 | 2758 | 2914 | -156 | 3103 | 0 | 3103 |
| 25 | 18.33.57 | 37 | 0 | 272 | 19 | 10 | 18 | 356 | 2941 | 2845 | 96 | 3297 | 0 | 3297 |
| 26 | 18.18.29 | 39 | 0 | 269 | 19 | 7 | 17 | 351 | 2777 | 2860 | -83 | 3128 | 0 | 3128 |
| 27 | 18.18.11 | 36 | 0 | 268 | 19 | 6 | 18 | 347 | 3177 | 3186 | -9 | 3524 | 0 | 3524 |
| 28 | 12.17.31 | 34 | 0 | 272 | 18 | 7 | 18 | 350 | 3401 | 3350 | 51 | 3751 | 0 | 3751 |
| 29 | 18.24.17 | 38 | 0 | 291 | 19 | 4 | 17 | 369 | 3187 | 3158 | 29 | 3556 | 0 | 3556 |
| 30 | 11.19.23 | 37 | 0 | 271 | 16 | 8 | 18 | 350 | 2939 | 2905 | 34 | 3289 | 0 | 3289 |
| 31 | 18.17.00 | 38 | 0 | 270 | 19 | 8 | 17 | 352 | 3255 | 3331 | -76 | 3607 | 0 | 3607 |

## 6 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF MAXIMUM UNRESTRICTED DEMAND DURING OCTOBER 2022

| Date | Time of peak demand | | Generation within Delhi | | | | | | Import from the Grid | Schedule from the Grid | OD(-) / UD(+) | Demand met | Shedding | Un-Restricted Demand |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | GT | PPCL | Bawana | TOWMCL | EDWPCL | DMSWL | Total | | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) = (3) to (8) | (10) | (11) | (12)= (11) - (10) | (13)= (11)+ (12) | (14) | (15)= (13)+ (14) |
| 1 | 15.00.40 | 36 | 0 | 299 | 17 | 0 | 17 | 369 | 4354 | 4346 | 8 | 4723 | 0 | 4723 |
| 2 | 00.00.02 | 38 | 0 | 312 | 19 | 1 | 16 | 385 | 4125 | 3965 | 160 | 4510 | 0 | 4510 |
| 3 | 15.29.31 | 36 | 0 | 273 | 19 | 5 | 17 | 350 | 4506 | 4543 | -37 | 4856 | 0 | 4856 |
| 4 | 16.17.48 | 36 | 0 | 271 | 18 | 6 | 17 | 348 | 4642 | 4689 | -47 | 4990 | 0 | 4990 |
| 5 | 00.00.08 | 38 | 0 | 270 | 19 | 4 | 6 | 337 | 4360 | 4198 | 162 | 4697 | 0 | 4697 |
| 6 | 15.20.19 | 0 | 0 | 269 | 19 | 4 | 17 | 309 | 4620 | 4307 | 313 | 4929 | 0 | 4929 |
| 7 | 11.00.33 | 38 | 0 | -5 | 19 | 7 | 17 | 76 | 4460 | 4291 | 169 | 4536 | 0 | 4536 |
| 8 | 11.33.52 | 39 | 0 | -7 | 19 | 6 | 17 | 74 | 3774 | 3807 | -33 | 3848 | 0 | 3848 |
| 9 | 12.05.52 | 38 | 0 | -1 | 19 | 0 | 19 | 75 | 3397 | 3358 | 39 | 3472 | 0 | 3472 |
| 10 | 12.14.46 | 38 | 0 | -2 | 19 | 3 | 17 | 75 | 3752 | 3668 | 84 | 3827 | 0 | 3827 |
| 11 | 18.33.11 | 38 | 0 | -4 | 19 | 7 | 17 | 77 | 3930 | 3873 | 57 | 4007 | 0 | 4007 |
| 12 | 18.31.25 | 37 | 0 | -3 | 19 | 4 | 16 | 73 | 4005 | 3954 | 51 | 4078 | 0 | 4078 |
| 13 | 12.29.57 | 38 | 0 | -1 | 19 | 4 | 17 | 77 | 3990 | 3844 | 146 | 4067 | 0 | 4067 |
| 14 | 18.19.30 | 37 | 0 | -3 | 19 | 3 | 18 | 74 | 4028 | 3923 | 105 | 4102 | 0 | 4102 |
| 15 | 18.23.27 | 37 | 0 | -4 | 18 | 5 | 18 | 74 | 3698 | 3695 | 3 | 3772 | 0 | 3772 |
| 16 | 18.25.40 | 35 | 0 | -3 | 19 | 5 | 18 | 74 | 3482 | 3547 | -65 | 3556 | 0 | 3556 |
| 17 | 10.38.05 | 37 | 0 | -2 | 19 | 0 | 16 | 70 | 4016 | 3808 | 208 | 4086 | 0 | 4086 |
| 18 | 18.18.30 | 35 | 0 | -3 | 19 | 4 | 17 | 72 | 4007 | 4011 | -4 | 4079 | 0 | 4079 |
| 19 | 18.21.34 | 36 | 0 | 307 | 16 | 5 | 18 | 382 | 3749 | 3736 | 13 | 4131 | 0 | 4131 |
| 20 | 18.23.29 | 35 | 0 | 299 | 19 | 7 | 17 | 377 | 3783 | 3766 | 17 | 4160 | 0 | 4160 |
| 21 | 12.00.33 | 36 | 0 | 271 | 15 | 6 | 17 | 345 | 3779 | 3687 | 92 | 4124 | 0 | 4124 |
| 22 | 11.21.29 | 36 | 0 | 272 | 19 | 4 | 15 | 346 | 3458 | 3303 | 155 | 3804 | 0 | 3804 |
| 23 | 11.45.12 | 36 | 0 | 271 | 17 | 0 | 18 | 342 | 2980 | 2966 | 14 | 3322 | 0 | 3322 |
| 24 | 18.35.58 | 36 | 0 | 269 | 18 | 5 | 17 | 345 | 2758 | 2914 | -156 | 3103 | 0 | 3103 |
| 25 | 18.33.57 | 37 | 0 | 272 | 19 | 10 | 18 | 356 | 2941 | 2845 | 96 | 3297 | 0 | 3297 |
| 26 | 18.18.29 | 39 | 0 | 269 | 19 | 7 | 17 | 351 | 2777 | 2860 | -83 | 3128 | 0 | 3128 |
| 27 | 18.18.11 | 36 | 0 | 268 | 19 | 6 | 18 | 347 | 3177 | 3186 | -9 | 3524 | 0 | 3524 |
| 28 | 12.17.31 | 34 | 0 | 272 | 18 | 7 | 18 | 350 | 3401 | 3350 | 51 | 3751 | 0 | 3751 |
| 29 | 18.24.17 | 38 | 0 | 291 | 19 | 4 | 17 | 369 | 3187 | 3158 | 29 | 3556 | 0 | 3556 |
| 30 | 11.19.23 | 37 | 0 | 271 | 16 | 8 | 18 | 350 | 2939 | 2905 | 34 | 3289 | 0 | 3289 |
| 31 | 18.17.00 | 38 | 0 | 270 | 19 | 8 | 17 | 352 | 3255 | 3331 | -76 | 3607 | 0 | 3607 |

## 7 SOURCEWISE SCHEDULED DRAWL FROM NORTHERN GRID AS WELL AS AVAILABILITY WITHIN DELHI FOR OCTOBER 2022

**(ALL FIGURES IN MUS)**

| GENERATION WITHIN DELHI | AVAILABILITY | SCHEDULE |
|---|---|---|
| Rajghat Power House | 0.000 | 0.000 |
| Gas Turbine | 62.002 | 26.205 |
| Pragati-I | 240.312 | -0.259 |
| Pragati-III (Bawana) | 941.160 | 122.869 |
| Rithala | 0.000 | 0.000 |
| Badarpur | 0.000 | 0.000 |
| Renewable (include WTE) | 20.042 | 26.042 |
| **TOTAL DELHI GEN.** | **1269.515** | **174.857** |

| NAME OF STATION | AVAILABILITY | SCHEDULE |
|---|---|---|
| SINGRAULI STPS | 101.851 | 98.131 |
| RIHAND STPS | 67.182 | 63.403 |
| DADRI TPS | 407.645 | -- |
| UNCHAHAR-I TPS | 16.764 | 2.283 |
| UNCHAHAR-II TPS | 34.239 | 20.940 |
| ANTA GPP-GF | 30.012 | -- |
| ANTA GPP-LF | 0.000 | 0.004 |
| ANTA GPP-RF | 0.000 | 0.003 |
| ANTA CRF | -- | -- |
| AURAIYA GPP-GF | 51.720 | -- |
| AURAIYA GPP-LF | 0.000 | 0.003 |
| AURAIYA GPP-RF | 0.000 | 0.116 |
| AURIYA CRF | -- | -- |
| DADRI GPP-GF | 64.638 | -- |
| DADRI GPP-LF | 0.000 | -- |
| DADRI GPP-RF | 0.000 | 0.544 |
| DADRI CRF | -- | -- |
| BAIRASIUL HEP | 4.864 | 4.864 |
| SALAL HEP | 19.434 | 19.434 |
| TANAKPUR HEP | 8.201 | 8.201 |
| CHAMERA HEP | 7.551 | 7.551 |
| URI HEP | 8.971 | 8.971 |
| NATHPA JHAKRI HEP | 48.277 | 48.277 |
| CHAMERA HEP-II | 11.237 | 11.237 |
| RIHAND-II STPS | 88.294 | 84.721 |
| DHAULIGANGA HEP | 19.156 | 19.156 |
| TEHRI HEP | 16.770 | 16.770 |
| UNCHAHAR-III TPS | 20.996 | 13.997 |

| NAME OF STATION | AVAILABILITY | SCHEDULE |
|---|---|---|
| DULHASTI HEP | 24.687 | 24.687 |
| DADRI II | 517.309 | 165.663 |
| SEWA-II | 3.512 | 3.512 |
| jhajjar | 500.350 | 207.918 |
| NAPP | 29.287 | 29.287 |
| RAPP C | 38.510 | 38.510 |
| RAPPB_4 C | 0.000 | -- |
| KOTESWAR | 8.565 | 8.565 |
| SASAN | 244.793 | 244.123 |
| CHAMERA III | 8.359 | 8.359 |
| RIHAND3 | 98.110 | 92.108 |
| KAHALGAON1 | 35.541 | 27.398 |
| KAHALGAON2 | 111.542 | 86.762 |
| TALA | 14.191 | 14.191 |
| FARAKA | 8.918 | 8.918 |
| URI 2 HEP | 8.264 | 8.264 |
| Parvati3 | 4.960 | 4.960 |
| Koldam | 0.000 | -- |
| SINGRAULI SHEP | 0.324 | 0.324 |
| UNCHAHAR - IV TPS | 0.000 | -- |
| TALCHER (BTPS) | 13.273 | -- |
| Nabinagar STPS(BRBCL) | 3.496 | 10.139 |
| TOTAL | 2701.795 | 1412.294 |

## 8. SHEDDING DETAILS DURING THE MONTH OF OCTOBER 2022.

**ALL FIGURES IN MUs**

| DATE | No. of Under Freq. Relay Operated | Shedding due to under frequency relay operation in MUs | | | | | Shedding due to Grid Restrictions (Over drawal / low freq.) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | BSES | | TPDDL | NDMC | TOTAL | BSES | | TPDDL | NDMC | MES |
| | | BYPL | BRPL | | | | BYPL | BRPL | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7=3 to 6 | 8 | 9 | 10 | 11 | 12 |
| 01.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 02.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 03.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 04.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 05.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 06.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 07.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 08.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 09.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 10.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 11.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 12.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 13.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 14.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 15.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 16.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 17.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 18.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 19.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 20.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 21.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 22.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 23.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 25.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 26.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 28.09.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 29.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 31.10.22 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| **TOTAL** | **0** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** |

ALL FIGURES IN MUs

| Date | Shedding due to Transmission/Grid Constraints in Central Sector Stations / TTC / ATC VOILATION | | | | DUE TO NEW GRID CODE REGULATION DEVIATOIN | | | Shedding due to Transmission/Grid Constraints in Central sector stations | | | | Total | Total shedding due to grid restrictions |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BSES | | TPDDL | NDMC | BSES | | | BSES | | TPDDL | NDMC | | |
| | BYPL | BRPL | | | BYPL | BRPL | TPDDL | BYPL | BRPL | | | | |
| 1 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24=8 to 23 | 25=7+24 |
| 01.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 02.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 03.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 04.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 05.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 06.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 07.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 08.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 09.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 10.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 11.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 12.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 13.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 14.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 15.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 16.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 17.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 18.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 19.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 20.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 21.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 22.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 23.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 25.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 26.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 28.09.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 29.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 31.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| **TOTAL** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** |

ALL FIGURES IN MUs

| Date | DUE TO T&D CONSTRAINTS IN DELHI SYSTEM | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | DTL | | | | | DISCOMS | | | |
| | BSES | | TPDDL | NDMC | MES | BSES | | TPDDL | NDMC |
| | BYPL | BRPL | | | | BYPL | BRPL | | |
| 1 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |
| 01.10.22 | 0.003 | 0.006 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.000 |
| 02.10.22 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 03.10.22 | 0.000 | 0.005 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 04.10.22 | 0.000 | 0.000 | 0.005 | 0.000 | 0.000 | 0.004 | 0.000 | 0.000 | 0.000 |
| 05.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 06.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 07.10.22 | 0.004 | 0.002 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 08.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 |
| 09.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 10.10.22 | 0.000 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 11.10.22 | 0.009 | 0.006 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 12.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.000 |
| 13.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 14.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 15.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 16.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 17.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 18.10.22 | 0.000 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.000 |
| 19.10.22 | 0.000 | 0.005 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.000 |
| 20.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 21.10.22 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 22.10.22 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 23.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 25.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 26.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27.10.22 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 28.09.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 29.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30.10.22 | 0.000 | 0.003 | 0.000 | 0.000 | 0.000 | 0.007 | 0.000 | 0.000 | 0.000 |
| 31.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| **TOTAL** | **0.021** | **0.033** | **0.021** | **0.000** | **0.000** | **0.013** | **0.000** | **0.008** | **0.000** |

ALL FIGURES IN MUs

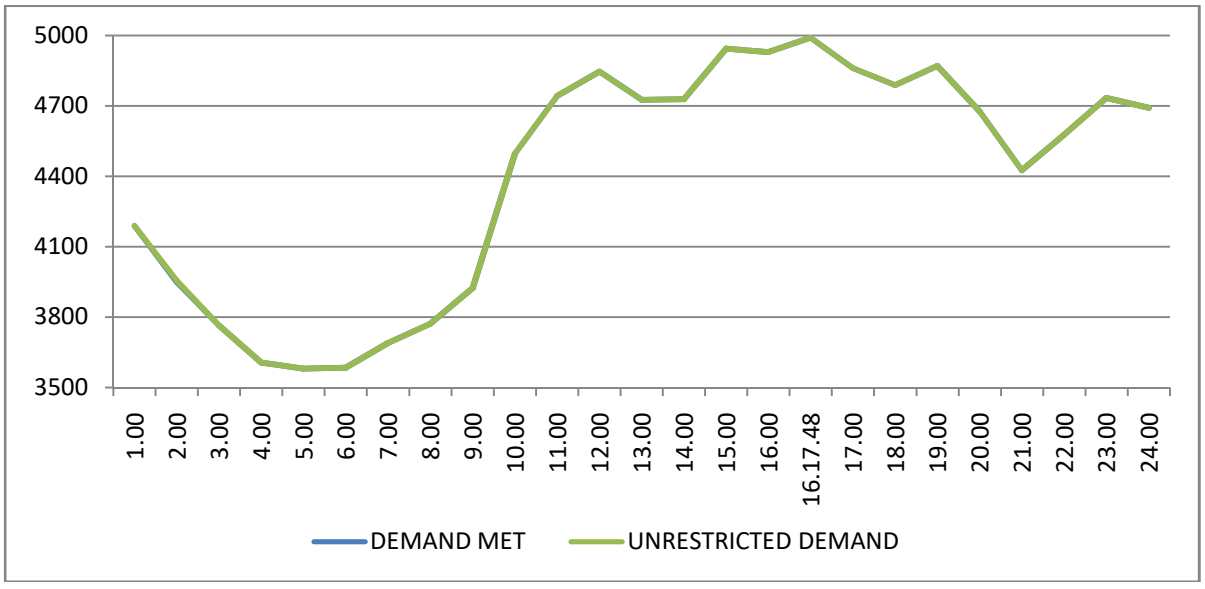
| DATE | OTHER AGENCIES LIKE GENCO, BBMB, BTPS ETC. | | | | THEFT PRONE SHEDDING | | | TOTAL SHEDDING DUE TO T&D CONSTS. & THEFT PRONE | GRAND TOTAL |
|---|---|---|---|---|---|---|---|---|---|
| | BSES | | TPDDL | NDMC | BSES | | TPDDL | | |
| | BYPL | BRPL | | | BYPL | BRPL | | | |
| 1 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42= 26 to 41 | 43 = 25 + 42 |
| 01.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.015 | 0.015 |
| 02.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 |
| 03.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 |
| 04.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.010 | 0.010 |
| 05.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 06.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 07.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.007 | 0.007 |
| 08.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.002 | 0.002 |
| 09.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 10.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 |
| 11.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.022 | 0.022 |
| 12.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 |
| 13.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 14.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 15.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 16.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 17.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 18.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 |
| 19.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.008 | 0.008 |
| 20.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 21.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 |
| 22.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 |
| 23.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 24.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 25.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 26.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 27.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 |
| 28.09.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 29.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 30.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.010 | 0.010 |
| 31.10.22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| **TOTAL** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.000** | **0.096** | **0.096** |

| DATE | (NET CONS.) | MAXI. DEMAND MET DURING THE DAY | TIME OF OCCUR-RENCE OF MAX DEMAND | SHEDDING AT THIS TIME | UN-REST-RICTED DEMAND | MAXIMUM UN-REST-RICTED DEMAND DURING THE DAY | TIME OF MAX. UN-REST. DEMAND | DEMAND AT THAT TIME | SHEDDING AT THAT TIME |
|---|---|---|---|---|---|---|---|---|---|
| | In Mus. | IN MW | IN HRS. | IN MW | IN MW | IN MW | HRS. | IN MW | IN MW |
| 1 | 32 | 33 | 34 | 35 | 36=33+35 | 37=39+40 | 38 | 39 | 40 |
| 01.10.22 | 104.643 | 4723 | 15:00:40 | 0 | 4723 | 4723 | 15:00:40 | 4723 | 0 |
| 02.10.22 | 92.335 | 4510 | 0:00:02 | 0 | 4510 | 4510 | 0:00:02 | 4510 | 0 |
| 03.10.22 | 101.426 | 4856 | 15:29:31 | 0 | 4856 | 4856 | 15:29:31 | 4856 | 0 |
| 04.10.22 | 105.241 | 4990 | 16:17:48 | 0 | 4990 | 4990 | 16:17:48 | 4990 | 0 |
| 05.10.22 | 94.638 | 4697 | 0:00:08 | 0 | 4697 | 4697 | 0:00:08 | 4697 | 0 |
| 06.10.22 | 96.227 | 4929 | 15:20:19 | 0 | 4929 | 4929 | 15:20:19 | 4929 | 0 |
| 07.10.22 | 91.992 | 4536 | 11:00:33 | 0 | 4536 | 4536 | 11:00:33 | 4536 | 0 |
| 08.10.22 | 77.866 | 3848 | 11:33:52 | 0 | 3848 | 3848 | 11:33:52 | 3848 | 0 |
| 09.10.22 | 68.079 | 3472 | 12:05:52 | 0 | 3472 | 3472 | 12:05:52 | 3472 | 0 |
| 10.10.22 | 72.951 | 3827 | 12:14:46 | 0 | 3827 | 3827 | 12:14:46 | 3827 | 0 |
| 11.10.22 | 76.381 | 4007 | 18:33:11 | 0 | 4007 | 4007 | 18:33:11 | 4007 | 0 |
| 12.10.22 | 79.965 | 4078 | 18:31:25 | 0 | 4078 | 4078 | 18:31:25 | 4078 | 0 |
| 13.10.22 | 79.264 | 4067 | 12:29:57 | 0 | 4067 | 4067 | 12:29:57 | 4067 | 0 |
| 14.10.22 | 78.879 | 4102 | 18:19:30 | 0 | 4102 | 4102 | 18:19:30 | 4102 | 0 |
| 15.10.22 | 77.794 | 3772 | 18:23:27 | 0 | 3772 | 3772 | 18:23:27 | 3772 | 0 |
| 16.10.22 | 73.997 | 3556 | 18:25:40 | 0 | 3556 | 3556 | 18:25:40 | 3556 | 0 |
| 17.10.22 | 80.490 | 4086 | 10:38:05 | 0 | 4086 | 4086 | 10:38:05 | 4086 | 0 |
| 18.10.22 | 80.251 | 4079 | 18:18:30 | 0 | 4079 | 4079 | 18:18:30 | 4079 | 0 |
| 19.10.22 | 80.783 | 4131 | 18:21:34 | 0 | 4131 | 4131 | 18:21:34 | 4131 | 0 |
| 20.10.22 | 80.756 | 4160 | 18:23:29 | 0 | 4160 | 4160 | 18:23:29 | 4160 | 0 |
| 21.10.22 | 81.021 | 4124 | 12:00:33 | 0 | 4124 | 4124 | 12:00:33 | 4124 | 0 |
| 22.10.22 | 78.103 | 3804 | 11:21:29 | 0 | 3804 | 3804 | 11:21:29 | 3804 | 0 |
| 23.10.22 | 69.658 | 3322 | 11:45:12 | 0 | 3322 | 3322 | 11:45:12 | 3322 | 0 |
| 24.10.22 | 61.380 | 3103 | 18:35:58 | 0 | 3103 | 3103 | 18:35:58 | 3103 | 0 |
| 25.10.22 | 60.345 | 3297 | 18:33:57 | 0 | 3297 | 3297 | 18:33:57 | 3297 | 0 |
| 26.10.22 | 61.755 | 3128 | 18:18:29 | 0 | 3128 | 3128 | 18:18:29 | 3128 | 0 |
| 27.10.22 | 65.279 | 3524 | 18:11:11 | 0 | 3524 | 3524 | 18:11:11 | 3524 | 0 |
| 28.09.22 | 71.349 | 3751 | 12:17:31 | 0 | 3751 | 3751 | 12:17:31 | 3751 | 0 |
| 29.10.22 | 70.482 | 3556 | 18:24:17 | 0 | 3556 | 3556 | 18:24:17 | 3556 | 0 |
| 30.10.22 | 64.568 | 3289 | 11:19:23 | 0 | 3289 | 3289 | 11:19:23 | 3289 | 0 |
| | 69.506 | 3607 | 18:17:35 | 0 | 3607 | 3607 | 18:17:35 | 3607 | 0 |
| TOTAL | 2447.404 | **4990** | 16.17.48 | | | **4990** | 16.17.48 | | |
| | | **04.10.2** | | | | **04.10** | | | |

## 9. LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING OCTOBER 2022 ON 04.10.2022 - 4990MW AT 16.17.48HRS.

**All figures in MW**

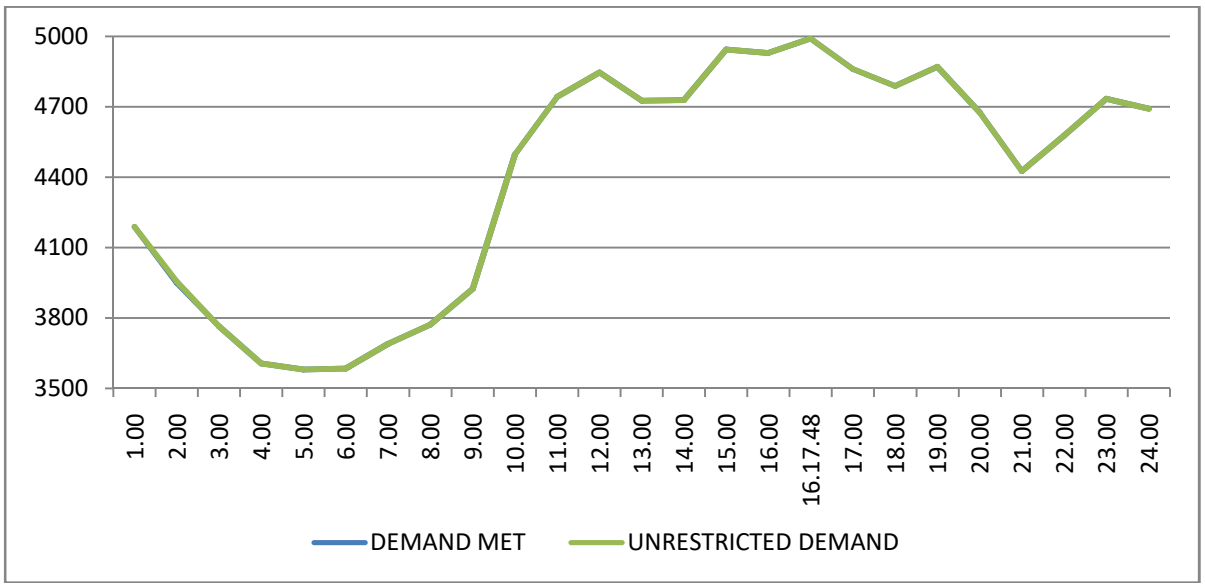
| Hrs. | Demand | Load Shedding | Un-Restricted Demand |
|---|---|---|---|
| **1.00** | 4188 | 0 | 4188 |
| **2.00** | 3949 | 6 | 3955 |
| **3.00** | 3764 | 0 | 3764 |
| **4.00** | 3607 | 0 | 3607 |
| **5.00** | 3580 | 0 | 3580 |
| **6.00** | 3584 | 0 | 3584 |
| **7.00** | 3690 | 0 | 3690 |
| **8.00** | 3771 | 0 | 3771 |
| **9.00** | 3924 | 0 | 3924 |
| **10.00** | 4497 | 0 | 4497 |
| **11.00** | 4742 | 0 | 4742 |
| **12.00** | 4845 | 0 | 4845 |
| **13.00** | 4726 | 0 | 4726 |
| **14.00** | 4728 | 0 | 4728 |
| **15.00** | 4943 | 0 | 4943 |
| **16.00** | 4929 | 0 | 4929 |
| **16.17.48** | 4990 | 0 | 4990 |
| **17.00** | 4861 | 0 | 4861 |
| **18.00** | 4788 | 0 | 4788 |
| **19.00** | 4870 | 0 | 4870 |
| **20.00** | 4676 | 0 | 4676 |
| **21.00** | 4425 | 0 | 4425 |
| **22.00** | 4577 | 0 | 4577 |
| **23.00** | 4733 | 0 | 4733 |
| **24.00** | 4691 | 0 | 4691 |
| **Total (IN MUS)** | **105.241** | **0.010** | **105.251** |



## 10 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND DURING OCTOBER 2022 ON 04.10.2022-4990MW AT 16.17.48HRS.

**All figures in MW**

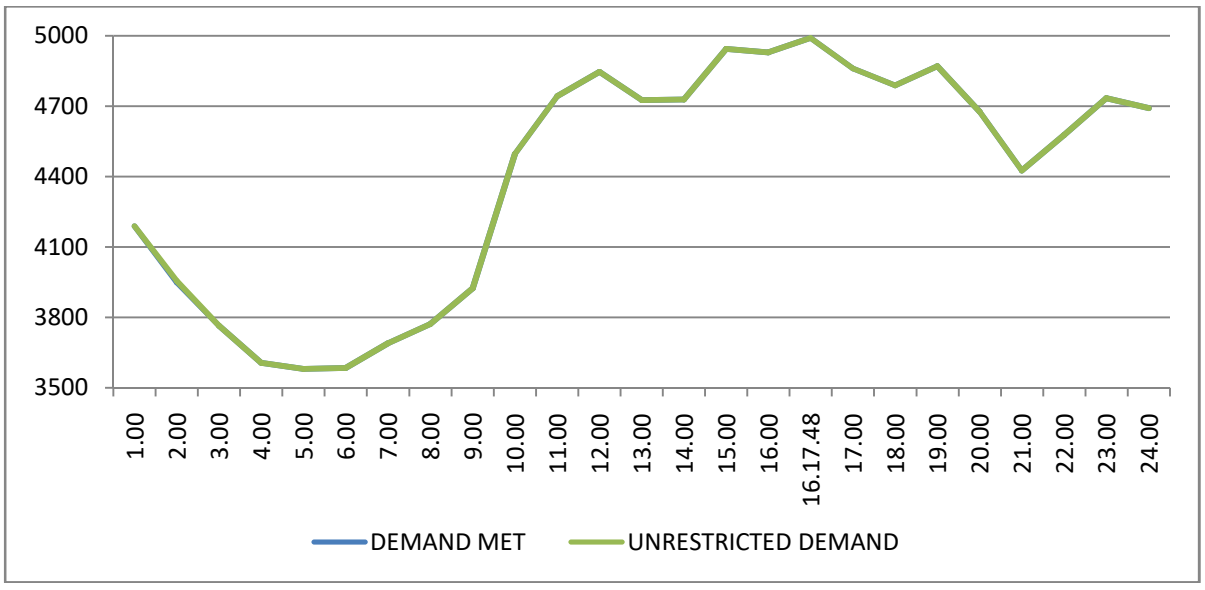
| Hrs. | Demand | Load Shedding | Un-Restricted Demand |
|---|---|---|---|
| **1.00** | 4188 | 0 | 4188 |
| **2.00** | 3949 | 6 | 3955 |
| **3.00** | 3764 | 0 | 3764 |
| **4.00** | 3607 | 0 | 3607 |
| **5.00** | 3580 | 0 | 3580 |
| **6.00** | 3584 | 0 | 3584 |
| **7.00** | 3690 | 0 | 3690 |
| **8.00** | 3771 | 0 | 3771 |
| **9.00** | 3924 | 0 | 3924 |
| **10.00** | 4497 | 0 | 4497 |
| **11.00** | 4742 | 0 | 4742 |
| **12.00** | 4845 | 0 | 4845 |
| **13.00** | 4726 | 0 | 4726 |
| **14.00** | 4728 | 0 | 4728 |
| **15.00** | 4943 | 0 | 4943 |
| **16.00** | 4929 | 0 | 4929 |
| **16.17.48** | 4990 | 0 | 4990 |
| **17.00** | 4861 | 0 | 4861 |
| **18.00** | 4788 | 0 | 4788 |
| **19.00** | 4870 | 0 | 4870 |
| **20.00** | 4676 | 0 | 4676 |
| **21.00** | 4425 | 0 | 4425 |
| **22.00** | 4577 | 0 | 4577 |
| **23.00** | 4733 | 0 | 4733 |
| **24.00** | 4691 | 0 | 4691 |
| **Total (IN MUS)** | **105.241** | **0.010** | **105.251** |



## 11 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING OCTOBER 2022 – 04.10.2022 – 105.241Mus

**All figures in MW**

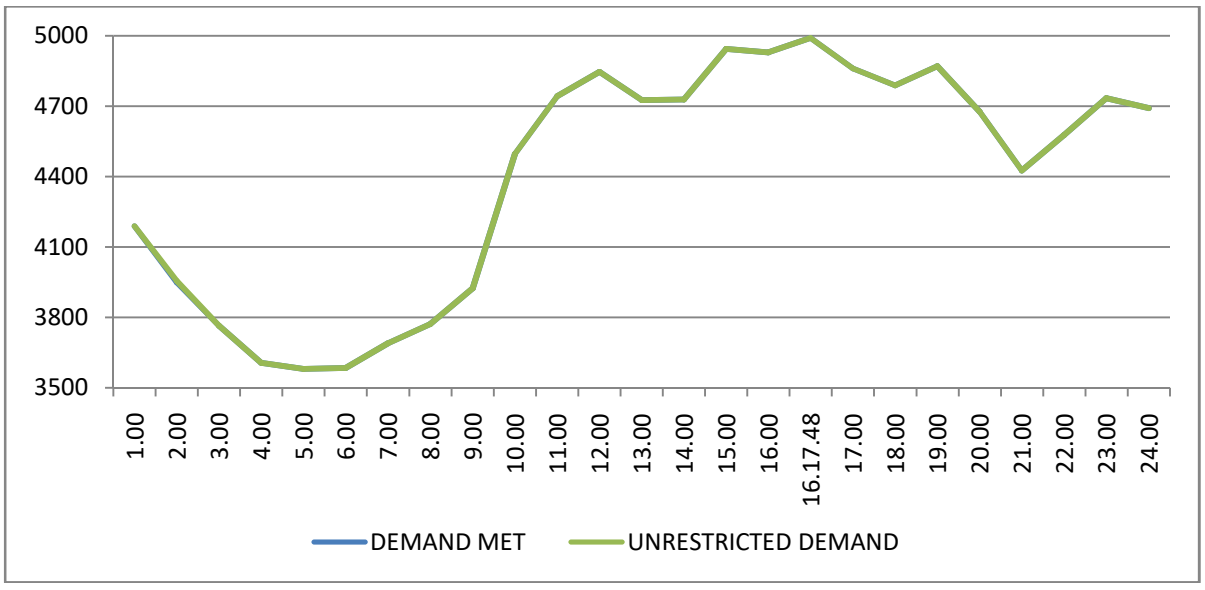
| Hrs. | Demand | Load Shedding | Un-Restricted Demand |
|---|---|---|---|
| **1.00** | 4188 | 0 | 4188 |
| **2.00** | 3949 | 6 | 3955 |
| **3.00** | 3764 | 0 | 3764 |
| **4.00** | 3607 | 0 | 3607 |
| **5.00** | 3580 | 0 | 3580 |
| **6.00** | 3584 | 0 | 3584 |
| **7.00** | 3690 | 0 | 3690 |
| **8.00** | 3771 | 0 | 3771 |
| **9.00** | 3924 | 0 | 3924 |
| **10.00** | 4497 | 0 | 4497 |
| **11.00** | 4742 | 0 | 4742 |
| **12.00** | 4845 | 0 | 4845 |
| **13.00** | 4726 | 0 | 4726 |
| **14.00** | 4728 | 0 | 4728 |
| **15.00** | 4943 | 0 | 4943 |
| **16.00** | 4929 | 0 | 4929 |
| **16.17.48** | 4990 | 0 | 4990 |
| **17.00** | 4861 | 0 | 4861 |
| **18.00** | 4788 | 0 | 4788 |
| **19.00** | 4870 | 0 | 4870 |
| **20.00** | 4676 | 0 | 4676 |
| **21.00** | 4425 | 0 | 4425 |
| **22.00** | 4577 | 0 | 4577 |
| **23.00** | 4733 | 0 | 4733 |
| **24.00** | 4691 | 0 | 4691 |
| **Total (IN MUS)** | **105.241** | **0.010** | **105.251** |



## 12 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING OCTOBER 2022 - ON 04.10.2022- 105.251MUs

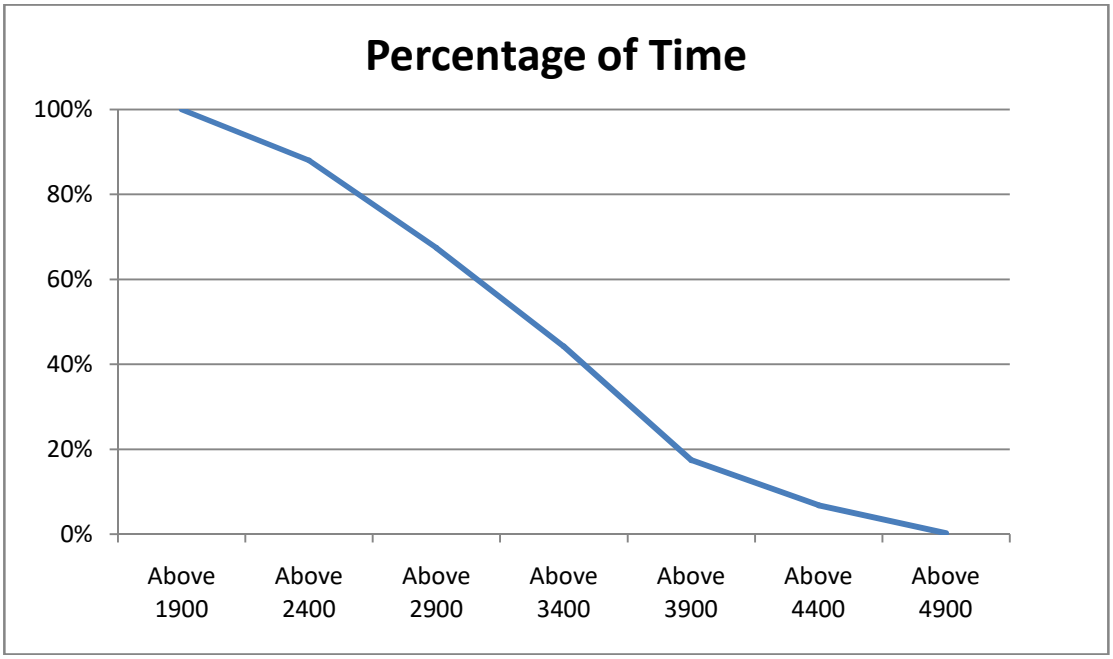
**All figures in MW**

| Hrs. | Demand | Load Shedding | Un-Restricted Demand |
|---|---|---|---|
| **1.00** | 4188 | 0 | 4188 |
| **2.00** | 3949 | 6 | 3955 |
| **3.00** | 3764 | 0 | 3764 |
| **4.00** | 3607 | 0 | 3607 |
| **5.00** | 3580 | 0 | 3580 |
| **6.00** | 3584 | 0 | 3584 |
| **7.00** | 3690 | 0 | 3690 |
| **8.00** | 3771 | 0 | 3771 |
| **9.00** | 3924 | 0 | 3924 |
| **10.00** | 4497 | 0 | 4497 |
| **11.00** | 4742 | 0 | 4742 |
| **12.00** | 4845 | 0 | 4845 |
| **13.00** | 4726 | 0 | 4726 |
| **14.00** | 4728 | 0 | 4728 |
| **15.00** | 4943 | 0 | 4943 |
| **16.00** | 4929 | 0 | 4929 |
| **16.17.48** | 4990 | 0 | 4990 |
| **17.00** | 4861 | 0 | 4861 |
| **18.00** | 4788 | 0 | 4788 |
| **19.00** | 4870 | 0 | 4870 |
| **20.00** | 4676 | 0 | 4676 |
| **21.00** | 4425 | 0 | 4425 |
| **22.00** | 4577 | 0 | 4577 |
| **23.00** | 4733 | 0 | 4733 |
| **24.00** | 4691 | 0 | 4691 |
| **Total (IN MUS)** | **105.241** | **0.010** | **105.251** |



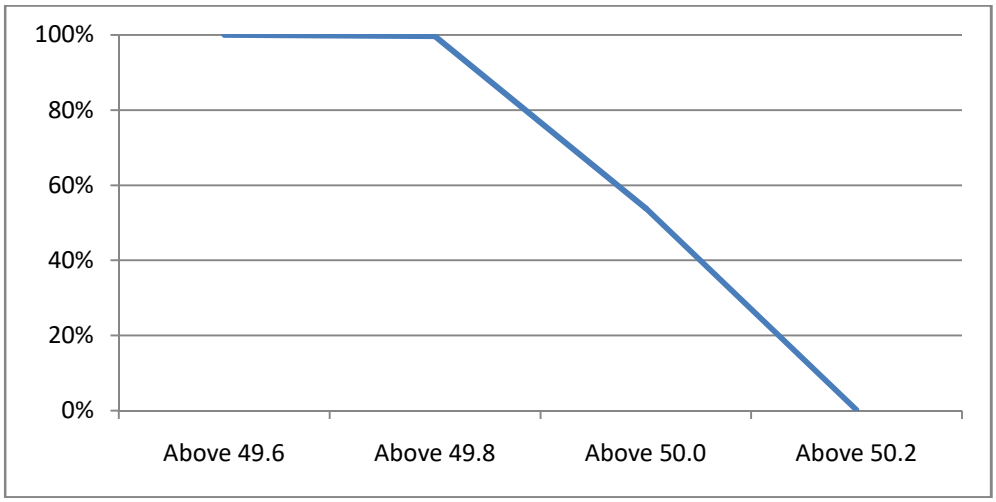
## 13 LOAD DURATION CURVE FOR OCTOBER 2022

| LOAD REMAINED ABOVE IN MW | (%) OF TIME |
|---|---|
| Above 1900 | 100% |
| Above 2400 | 88.07% |
| Above 2900 | 67.43% |
| Above 3400 | 44.22% |
| Above 3900 | 17.44% |
| Above 4400 | 6.78% |
| Above 4900 | 0.23% |



## 14 FREQUENCY ANALYSIS FOR THE MONTH OF OCTOBER 2022

| Frequency Range in Hz. | Percentage of time |
|---|---|
| Above 49.6 | 100% |
| Above 49.8 | 99.66% |
| Above 50.0 | 53.84% |
| Above 50.2 | 0.13% |



## 15 VOLTAGE PROFILE OF 220 KV SUB-STATIONS IN DELHI DURING OCTOBER 2022

**All figures in kV**

| Date | NARELA | | GAZIPUR | |
|---|---|---|---|---|
| | Max | Min | Max | Min |
| 01.10.22 | 227.74 | 216.83 | 236.93 | 225.23 |
| 02.10.22 | 228.06 | 221.58 | 236.12 | 228.37 |
| 03.10.22 | 227.82 | 216.9 | 235.6 | 223.03 |
| 04.10.22 | 225.56 | 212.51 | 233.9 | 223.24 |
| 05.10.22 | 228.59 | 218.44 | 234.86 | 223.48 |
| 06.10.22 | 227.74 | 214.12 | 233.85 | 222.53 |
| 07.10.22 | 228.95 | 217.05 | 234.73 | 224.88 |
| 08.10.22 | 230.87 | 219.65 | 239.46 | 226.65 |
| 09.10.22 | 231.49 | 222.29 | 240.81 | 230.87 |
| 10.10.22 | 231.72 | 221.47 | 240 | 229.16 |
| 11.10.22 | 233.13 | 219.74 | 241.52 | 226.78 |
| 12.10.22 | 229.89 | 217.89 | 238.15 | 226.04 |
| 13.10.22 | 230.57 | 217.98 | 239.1 | 226.48 |
| 14.10.22 | 232.66 | 219.14 | 241.04 | 224.33 |
| 15.10.22 | 230.73 | 218.81 | 238.95 | 226.39 |
| 16.10.22 | 230.34 | 221.81 | 238.6 | 227.56 |
| 17.10.22 | 231.04 | 218.78 | 238.58 | 225.2 |
| 18.10.22 | 231.39 | 218.25 | 240.78 | 226.08 |
| 19.10.22 | 229.59 | 219.74 | 237.83 | 227.15 |
| 20.10.22 | 232.08 | 218.34 | 238.51 | 225.57 |
| 21.10.22 | 231.26 | 217.08 | 238.86 | 225.59 |
| 22.10.22 | 231.94 | 218.59 | 237.5 | 227.76 |
| 23.10.22 | 231.54 | 221.68 | 238.42 | 228.28 |
| 24.10.22 | 231.65 | 223.05 | 235.87 | 226.81 |
| 25.10.22 | 232.54 | 220.32 | 235.68 | 222.29 |
| 26.10.22 | 231.41 | 219.93 | 235.52 | 225.26 |
| 27.10.22 | 230.85 | 219.08 | 237.18 | 225.51 |
| 28.09.22 | 230.42 | 217.49 | 236.92 | 222.86 |
| 29.10.22 | 231.99 | 217.35 | 236.9 | 224.43 |
| 30.10.22 | 232.63 | 221.31 | 238.56 | 226.09 |
| 31.10.22 | 232.22 | 219.12 | 239.05 | 226.3 |

## 16 VOLTAGE PROFILE OF 400 KV SUB-STATIONS IN DELHI DURING OCTOBER 2022

**All figures in kV**

| Date | 400kV Bamnauli Grid Sub-Station | | | | |
|---|---|---|---|---|---|
| | Max KV | Max Time | Min KV | Min Time | Average KV |
| 01.10.22 | 421.13 | 4:02:32 | 399.6 | 19:15:59 | 411.23 |
| 02.10.22 | 419.42 | 16:14:37 | 406.17 | 19:27:36 | 413.95 |
| 03.10.22 | 417.05 | 4:01:15 | 399.64 | 18:43:16 | 408.68 |
| 04.10.22 | 414.07 | 3:59:54 | 397.01 | 10:29:53 | 407.62 |
| 05.10.22 | 419.29 | 17:00:57 | 401.91 | 11:36:30 | 409.94 |
| 06.10.22 | 415.62 | 4:01:44 | 396.77 | 11:11:01 | 408.07 |
| 07.10.22 | 418.17 | 4:00:42 | 401.05 | 10:43:53 | 411.2 |
| 08.10.22 | 422.8 | 23:56:09 | 403.3 | 10:32:59 | 413.66 |
| 09.10.22 | 423.01 | 0:23:51 | 408.41 | 11:50:54 | 415.96 |
| 10.10.22 | 422.24 | 4:00:40 | 406.61 | 6:47:19 | 414.55 |
| 11.10.22 | 424.68 | 4:01:52 | 406.58 | 18:43:19 | 414.92 |
| 12.10.22 | 422.71 | 4:01:35 | 401.39 | 18:18:06 | 413.18 |
| 13.10.22 | 423.02 | 23:59:33 | 401.15 | 10:21:14 | 413.1 |
| 14.10.22 | 424.72 | 3:38:04 | 400.67 | 10:44:25 | 412.41 |
| 15.10.22 | 419.47 | 4:03:23 | 400.37 | 10:29:21 | 410.62 |
| 16.10.22 | 422.65 | 23:57:45 | 406.1 | 19:02:51 | 413.57 |
| 17.10.22 | 423.27 | 2:36:42 | 400.73 | 6:23:03 | 412.42 |
| 18.10.22 | 424.34 | 2:49:25 | 401.75 | 6:24:55 | 412.35 |
| 19.10.22 | 420.32 | 4:02:19 | 403.63 | 6:41:47 | 412.23 |
| 20.10.22 | 424.63 | 4:03:17 | 399.55 | 11:55:00 | 411.97 |
| 21.10.22 | 422.9 | 4:02:10 | 400.25 | 10:38:19 | 411.37 |
| 22.10.22 | 424.8 | 4:01:26 | 400.01 | 10:32:05 | 412.84 |
| 23.10.22 | 422.02 | 4:02:36 | 404 | 6:35:45 | 414.61 |
| 24.10.22 | 425.26 | 15:05:55 | 406.96 | 6:38:58 | 416.7 |
| 25.10.22 | 423.65 | 4:02:10 | 402.44 | 18:13:35 | 415.75 |
| 26.10.22 | 421.83 | 21:41:29 | 402.34 | 10:42:47 | 413.21 |
| 27.10.22 | 422.08 | 20:59:18 | 403.37 | 5:51:35 | 412.43 |
| 28.09.22 | 421.13 | 21:14:53 | 396.53 | 10:37:11 | 412.39 |
| 29.10.22 | 423.42 | 4:03:11 | 399.64 | 11:09:20 | 414.12 |
| 30.10.22 | 424.2 | 4:01:46 | 402.58 | 10:03:56 | 414.67 |
| 31.10.22 | 423.34 | 20:50:34 | 402.12 | 6:40:34 | 413.59 |

**All figures in kV**

| Date | 400kV Bawana Grid Sub-Station | | | | |
|---|---|---|---|---|---|
| | Max KV | Max Time | Min KV | Min Time | Average KV |
| 01.10.22 | 415.59 | 4:02:40 | 393.02 | 19:16:09 | 407.31 |
| 02.10.22 | 416.6 | 17:04:46 | 403.6 | 19:25:13 | 410.88 |
| 03.10.22 | 415.46 | 4:01:18 | 397.6 | 12:22:15 | 406.92 |
| 04.10.22 | 413.04 | 7:02:20 | 395.73 | 11:48:24 | 406.02 |
| 05.10.22 | 417.18 | 17:01:25 | 400.45 | 11:37:10 | 409.04 |
| 06.10.22 | 415.34 | 4:01:29 | 395.53 | 11:11:00 | 407.64 |
| 07.10.22 | 419.19 | 4:00:40 | 400.58 | 11:10:34 | 410.84 |
| 08.10.22 | 421.91 | 23:59:43 | 403.46 | 11:52:58 | 414.2 |
| 09.10.22 | 423.28 | 3:11:23 | 407.89 | 11:51:08 | 416.47 |
| 10.10.22 | 423.21 | 3:38:26 | 404.56 | 19:08:12 | 414.43 |
| 11.10.22 | 425.14 | 4:01:27 | 402.37 | 18:45:00 | 413.76 |
| 12.10.22 | 421.04 | 3:59:17 | 398.77 | 18:19:21 | 410.68 |
| 13.10.22 | 421.43 | 23:59:48 | 398.41 | 10:54:21 | 411.36 |
| 14.10.22 | 422.35 | 3:38:09 | 400.53 | 9:32:56 | 411.41 |
| 15.10.22 | 423.71 | 4:03:28 | 399.8 | 18:57:14 | 412.37 |
| 16.10.22 | 422.32 | 4:03:03 | 404.87 | 19:03:45 | 414.18 |
| 17.10.22 | 422.35 | 1:26:26 | 400.13 | 11:36:57 | 410.05 |
| 18.10.22 | 421.53 | 2:49:24 | 400.69 | 18:12:49 | 410.14 |
| 19.10.22 | 419.7 | 23:47:25 | 402.97 | 10:29:38 | 410.6 |
| 20.10.22 | 422.09 | 4:03:26 | 399.42 | 11:55:10 | 410.32 |
| 21.10.22 | 421.69 | 4:03:09 | 398.57 | 11:22:41 | 410.26 |
| 22.10.22 | 420.9 | 4:01:19 | 400.8 | 10:32:09 | 411.09 |
| 23.10.22 | 419.82 | 4:02:29 | 405.56 | 6:36:36 | 413.32 |
| 24.10.22 | 421.71 | 23:59:53 | 407.96 | 8:17:13 | 415.18 |
| 25.10.22 | 422.95 | 4:02:14 | 400.58 | 18:15:09 | 413.91 |
| 26.10.22 | 419.81 | 21:42:49 | 403.3 | 10:25:36 | 411.61 |
| 27.10.22 | 420.62 | 21:13:41 | 400.37 | 11:10:10 | 410.31 |
| 28.09.22 | 418.98 | 21:14:56 | 396.21 | 10:32:01 | 409.82 |
| 29.10.22 | 419.96 | 4:03:12 | 397.43 | 11:09:21 | 411.75 |
| 30.10.22 | 420.9 | 4:02:02 | 404 | 10:17:26 | 412.57 |
| 31.10.22 | 420.58 | 20:50:50 | 402.89 | 8:22:40 | 412.25 |

## 17 DETAILS OF BREAK-DOWNS/TRIPPING DURING THE MONTH OF OCTOBER 2022

| SL NO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|---|---|---|---|---|---|---|
| | DATE | TIME | | DATE | TIME | |
| 1 | 1.10.22 | 8:07 | OKHLA 66/11kV, 20MVA Tx-I | 1.10.22 | 10:17 | O/C, Y PHASE, E/F. |
| 2 | 1.10.22 | 12:36 | GEETA COLONY 220/33kV 100MVA Tx-I | 3.10.22 | 02:56 | BUCHOLZ, 86, SPR. |
| 3 | 1.10.22 | 13:13 | 220kV MEHRAULI - VASANT KUNJ CKT.- II | 1.10.22 | 18:32 | AT MEHRAULI : E/F. |
| 4 | 1.10.22 | 23:20 | SHALIMAR BAGH 220/33kV 100MVA Tx-II | 2.10.22 | 18:10 | BUCHOLZ, 86, 186. |
| 5 | 2.10.22 | 12:09 | 220kV BAMNAULI - DIAL CKT-I | 2.10.22 | 15:13 | AT DIAL : DIST PROT, ZONE-II, R PHASE, GEN TRIP. |
| 6 | 2.10.22 | 12:09 | BAMNAULI 400/220kV 500MVA ICT-III | 2.10.22 | 16:29 | 186A&B, PRV. |
| 7 | 2.10.22 | 12:57 | 220kV PRAGATI - SARITA VIHAR CKT - I | 2.10.22 | 14:07 | AT SARITA VIHAR : DIST PROT, ZONE-II, DIST 15.02KM. B PHASE. |
| 8 | 2.10.22 | 14:45 | 220 KV PATPARGANJ - I.P. CKT-I | 2.10.22 | 18:18 | AT I.P. : DIST PROT, ZONE-I, DIST 181.4MTR, 186, RY PHASE. |
| 9 | 2.10.22 | 15:22 | 220kV GEETA COLONY- PATPARGANJ CKT -II | 2.10.22 | 19:20 | AT PATPARGANJ : DIST PROT, ZONE-I, 86, RY PHASE, DIST 883.7MTS. |
| 10 | 4.10.22 | 12:33 | 220kV BAWANA - KANJHAWALA CKT-2 | 4.10.22 | 14:41 | AT BAWANA : B PHASE, DIST PROT, ZONE-I, DIST 10.42KM, DIFFERENTIAL. |
| 11 | 7.10.22 | 0:00 | 220kV WAZIRABAD-GEETA COLONY CKT-II | 7.10.22 | 04:45 | AT WAZIRABAD : DIST PROT, DIST 8.25KM, ZONE-II. |
| 12 | 7.10.22 | 10:32 | 220kV PRAGATI - PARK STREET CKT-II | 7.10.22 | 10:46 | AT PARK STREET : DC LEAKAGE, 86A, SUPERVISION -II RELAY . |
| 13 | 7.10.22 | 14:13 | 220KV WAZIRABAD - MANDOLA CKT-I | 7.10.22 | 17:59 | AT WAZIRABAD : DIST PROT, ZONE-I, 86, DIST 3.791KM. |
| 14 | 8.10.22 | 12:21 | 220kV KANJHAWALA-NAJAFGARH CKT | 8.10.22 | 20:15 | AT KHANJAWALA : DIST PROT ,ZONE-I, RYB PHASE, 86. |
| 15 | 8.10.22 | 12:35 | SUBZI MANDI 33/11kV, 16MVA Tx-I | 9.10.22 | 09:20 | BUCHOLZ, 86. |
| 16 | 8.10.22 | 13:54 | GAZIPUR 220/66kV 160MVA Tx-I | 8.10.22 | 15:15 | O/C, RYB PHASE. |
| 17 | 8.10.22 | 18:35 | INDRAPRASTHA POWER 220/33kV 100MVA Tx-I | 9.10.22 | 13:40 | 86 |
| 18 | 10.10.22 | 8:40 | GAZIPUR 66/11KV 25MVA TR. -I | 10.10.22 | 09:28 | DIFFERENTIAL. |
| 19 | 10.10.22 | 8:40 | GAZIPUR 220/66kV 100MVA Tx-II | 10.10.22 | 13:25 | BUCHOLZ. |
| 20 | 10.10.22 | 16:57 | 220kV WAZIRABAD - KASHMEREGATE CKT-I | 10.10.22 | 18:01 | AT WAZIRABAD : DIST PROT, ZONE-I, DIST 1.152KM. |
| 21 | 10.10.22 | 22:11 | TUGHLAKABAD 220/66kV 160MVA Tr. -II | 11.10.22 | 10:40 | RYB PHASE, DIFFERENTIAL. |
| 22 | 11.10.22 | 5:40 | MEHRAULI 220/66kV 100MVA Tx-I | 11.10.22 | 16:37 | TRIP CKT FAULTY. |
| 23 | 11.10.22 | 5:40 | MEHRAULI 220/66kV 100MVA Tx-II | 11.10.22 | 08:58 | 86, OLTC. |
| 24 | 11.10.22 | 13:57 | PAPPANKALAN-II 220/66kV 100MVA Tx-II | 11.10.22 | 17:40 | LBB & MASTER RELAY. |
| 25 | 11.10.22 | 14:35 | 220KV BAWANA-SHALIMARBAGH CKT-I | 11.10.22 | 14:39 | AT BAWANA : 86, DIST PROT. |
| 26 | 11.10.22 | 17:25 | 220kV GEETA COLONY- PATPARGANJ CKT -II | 11.10.22 | 17:33 | AT PATPARGANJ : DIST PROT, 86, RYB PHASE. |
| 27 | 11.10.22 | 17:25 | 220kV GEETA COLONY- PATPARGANJ CKT-I | 11.10.22 | 17:34 | AT PATPARGANJ : 86.RYB PHASE, DIST PROT, |
| 28 | 11.10.22 | 20:39 | 220kV GEETA COLONY- PATPARGANJ CKT-I | 12.10.22 | 11:48 | AT PATPARGANJ : CKT. TRIPPED WITHOUT INDICATION. |
| 29 | 13.10.22 | 8:05 | DIAL 220/66kV 160MVA Tx-II | 13.10.22 | 15:50 | 86, REF. |
| 30 | 13.10.22 | 8:06 | ROHINI 220/66kV 100MVA Tx-II | 13.10.22 | 13:50 | 86 |
| 31 | 13.10.22 | 22:51 | ROHINI 220/66kV 100MVA Tx-II | 13.10.22 | 23:42 | PRV |
| 32 | 13.10.22 | 16:33 | 220kV DIAL- MEHRAULI CKT-I | 13.10.22 | 18:26 | AT MEHRAULI : LA ;BLAST, GEN TRIP, DIFFERENTIAL. |
| 33 | 16.10.22 | 10:30 | 220kV BAMNAULI-PAPPANKALAN-III CKT-II | 16.10.22 | 14:15 | AT BAMNAULI : 186AB. |
| 34 | 17.10.22 | 12:52 | 220kV PRAGATI - SARITA VIHAR CKT - I | 17.10.22 | 16:35 | AT SARITA VIHAR : DIST PROT, ZONE-I, DIST 4.5KM. |
| 35 | 18.10.22 | 11:53 | 220kV GOPALPUR-SUBZI MANDI CKT-II | 18.10.22 | 13:50 | AT SUBZI MANDI : DIST PROT, ZONE-I, DIST 3.1KM. |

| SL NO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|---|---|---|---|---|---|---|
| | DATE | TIME | | DATE | TIME | |
| 36 | 19.10.22 | 5:37 | SHALIMAR BAGH 220/33kV 100MVA Tx-III | 19.10.22 | 06:45 | O/C, 86. |
| 37 | 19.10.22 | 8:25 | OKHLA 66/11kV, 20MVA Tx-I | 19.10.22 | 12:45 | 86 |
| 38 | 19.10.22 | 19:05 | OKHLA 66/11kV, 20MVA Tx-II | 20.10.22 | 12:34 | O/C, RYB PHASE. |
| 39 | 21.10.22 | 23:37 | PARKSTREET 220/33kV 100MVA Tx-I | 22.10.22 | 13:25 | 86, O/C |
| 40 | 22.10.22 | 6:32 | PARKSTREET 220/33kV 100MVA Tx-II | 22.10.22 | 06:50 | E/F, 86. |
| 41 | 22.10.22 | 13:05 | 220kV BAWANA-DSIIDC BAWANA CKT-I | 22.10.22 | 15:16 | AT BAWANA : DIST PROT, DIST 6.12KM. |
| 42 | 22.10.22 | 13:05 | 220kV BAWANA-DSIIDC BAWANA CKT-I | 22.10.22 | 15:16 | AT BAWANA : DIST PROT,DIST 6.12KM. |
| 43 | 22.10.22 | 14:05 | OKHLA 66/11kV, 20MVA Tx-I | 22.10.22 | 15:03 | E/F. |
| 44 | 26.10.22 | 6:10 | RAJGHAT 220/33kV 100MVA Tx-I | 26.10.22 | 06:20 | TRIPPED WITHOUT INDICATION. |
| 45 | 27.10.22 | 9:12 | 400kV Bawana-Mundka Ckt-I | 27.10.22 | 09:21 | AT BAWANA : TRIPPED WITHOUT INDICATION |
| 46 | 27.10.22 | 14:30 | OKHLA 66/11kV, 20MVA Tx-I | 27.10.22 | 14:45 | E/F |
| 47 | 30.10.22 | 2:27 | SHALIMAR BAGH 33/11kV, 20MVA Tx | 30.10.22 | 12:17 | TRIPPED WITHOUT INDICATION. |
| 48 | 30.10.22 | 10:04 | OKHLA 220/33kV 100MVA Tx-III | 31.10.22 | 11:39 | 86 |
| 49 | 30.10.22 | 10:04 | OKHLA 220/33kV 100MVA Tx-IV | 30.10.22 | 10:20 | O/C |

## 18 DETAILS OF UNDER FREQUENCY RELAY OPERATIONS IN DELHI POWER SYSTEM DURING THE MONTH OF OCTOBER 2022

| DATE | S. N. | TIME | | Name of Grid | NAME OF AFFECTED FEEDERS | MODE | LOAD RELIEF IN MW |
|---|---|---|---|---|---|---|---|
| | | OUT | IN | | | | |
| | | | | | | | |
| | | | | NIL | | | |