



GRID CONTROLLER OF INDIA (GRID-INDIA)
NORTHERN REGIONAL LOAD DESPATCH CENTRE
DAILY OPERATION REPORT OF NORTHERN REGION

Power Supply Position in Northern Region For 28-Sep-2025

Date of Reporting:29-Sep-2025

1. Regional Availability/Demand:

| Evening Peak (20:00) MW | | | | Off-Peak (03:00) MW | | | | Day Energy(Net MU) | |
|-------------------------|----------|-------------|-----------|---------------------|----------|-------------|-----------|--------------------|----------|
| Demand Met | Shortage | Requirement | Freq (Hz) | Demand Met | Shortage | Requirement | Freq (Hz) | Demand Met | Shortage |
| 79,096 | 0 | 79,096 | 49.93 | 71,589 | 0 | 71,589 | 50.05 | 1,764 | 0 |

2(A)State's Load Deails (At State Periphery) in MU:

| State | State's Control Area Generation (Net MU) | | | | | | | Drawal Sch | Act Drawal | UI | Requirement | Shortage | Consumption |
|-------------------------|--|-------|-----------------------|-------|-------|-------------------------------|--------|------------|------------|----------|-------------|----------|-------------|
| | Thermal | Hydro | Gas/Naptha/ Diesel | Solar | Wind | OthersBiomass/Co-gen etc.) | Total | (Net MU) | (Net MU) | (Net MU) | (Net MU) | (Net MU) | (Net MU) |
| PUNJAB | 77.22 | 18.02 | 0 | 4.09 | 0 | 1.72 | 101.05 | 192.2 | 191.6 | -0.6 | 292.65 | 0 | 292.65 |
| HARYANA | 51.7 | 0.79 | 0 | 1.12 | 0 | 0.86 | 54.46 | 199.35 | 198.77 | -0.58 | 253.23 | 0 | 253.23 |
| RAJASTHAN | 146.93 | 5.31 | 1.97 | 42.66 | 13.82 | 5.76 | 216.45 | 123.41 | 122.17 | -1.24 | 338.62 | 0 | 338.62 |
| DELHI | 0 | 0 | 4.28 | 0 | 0 | 1.7 | 5.98 | 132.07 | 132.18 | 0.11 | 138.16 | 0 | 138.16 |
| UTTAR PRADESH | 278.1 | 28.5 | 0 | 14.1 | 0 | 0.6 | 321.3 | 265.22 | 265 | -0.22 | 586.3 | 0 | 586.3 |
| UTTARAKHAND | 0 | 23.8 | 0 | 0.54 | 0 | 0 | 24.34 | 25.52 | 25.92 | 0.4 | 50.26 | 0 | 50.26 |
| HIMACHAL PRADESH | 0 | 30.33 | 0 | 0.13 | 0 | 0 | 30.45 | 6.56 | 6.19 | -0.37 | 36.64 | 0 | 36.64 |
| J&K(UT) & Ladakh(UT) | 0 | 22.55 | 0 | 0 | 0 | 0 | 22.55 | 31.53 | 34.42 | 2.89 | 56.97 | 0 | 56.97 |
| CHANDIGARH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.97 | 6.24 | 0.27 | 6.24 | 0 | 6.24 |
| RAILWAYS_NR ISTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.97 | 4.61 | 0.64 | 4.61 | 0 | 4.61 |
| Region | 553.95 | 129.3 | 6.25 | 62.64 | 13.82 | 10.64 | 776.58 | 985.8 | 987.1 | 1.3 | 1,763.68 | 0 | 1,763.68 |

2(B)State Demand Met (Peak and off-peak Hrs)

| State | Evening Peak (20:00) MW | | | | AVG DEMAND MW | Off-Peak (03:00) MW | | | |
|-------------------------|-------------------------|----------|------|----------------------------|---------------------|---------------------|----------|------|----------------------------|
| | Demand Met | Shortage | UI | STOA/PX/RTM Transaction | | Demand Met | Shortage | UI | STOA/PX/RTM Transaction |
| PUNJAB | 11,663 | 0 | -358 | 1,347 | 12,057 | 10,242 | 0 | -216 | 1,175 |
| HARYANA | 10,984 | 0 | -207 | 1,814 | 10,669 | 11,120 | 0 | 37 | 2,741 |
| RAJASTHAN | 14,130 | 0 | 9 | 1,227 | 14,163 | 13,732 | 0 | 324 | 1,459 |
| DELHI | 6,091 | 0 | -98 | 1,197 | 5,749 | 5,534 | 0 | 148 | 1,710 |
| UTTAR PRADESH | 28,968 | 0 | -168 | 6,345 | 24,277 | 25,283 | 0 | -31 | 2,385 |
| UTTARAKHAND | 2,398 | 0 | 83 | -146 | 2,090 | 2,128 | 0 | 106 | 144 |
| HIMACHAL PRADESH | 1,548 | 0 | -33 | -141 | 1,526 | 1,380 | 0 | -101 | -60 |
| J&K(UT) & Ladakh(UT) | 2,796 | 0 | 287 | -376 | 2,374 | 1,734 | 0 | 128 | -934 |
| CHANDIGARH | 320 | 0 | 19 | -67 | 260 | 233 | 0 | 18 | -35 |
| RAILWAYS_NR ISTS | 199 | 0 | 30 | 58 | 192 | 204 | 0 | 35 | 58 |
| Region | 79,097 | 0 | -436 | 11,258 | 73,357 | 71,590 | 0 | 448 | 8,643 |

2(C)State's Demand Met in MWs (Maximum Demand Met and Maximum requirement of the day details)

| State | Maximum Demand, corresponding shortage and requirement details for the day | | | | Maximum requirement, corresponding shortage and demand details for the day | | | | | | ACE | | | |
|---------------------|---|-------|---|--|---|-------|--|---|----------------------|-------|---------|------|---------|------|
| | Maximum Demand Met of the day | Time | Shortage during at maximum demand | Requirement at the max demand met of the day | Maximum Requirement of the day | Time | Shortage during at maximum Requirement | Demand Met at maximum requiremnet | Min Demand Met | Time | ACE_MAX | Time | ACE_MIN | Time |
| PUNJAB | 13,352 | 10:00 | 0 | 13,352 | 13,352 | 10:00 | 0 | 13,352 | 10,242 | 3:00 | - | - | - | - |
| HARYANA | 11,346 | 14:00 | 0 | 11,346 | 11,346 | 14:00 | 0 | 11,346 | 9,684 | 8:00 | - | - | - | - |
| RAJASTHAN | 15,008 | 23:00 | 0 | 15,008 | 15,008 | 23:00 | 0 | 15,008 | 13,079 | 8:00 | - | - | - | - |
| DELHI | 6,850 | 23:00 | 0 | 6,850 | 6,850 | 23:00 | 0 | 6,850 | 4,714 | 8:00 | - | - | - | - |
| UP | 28,968 | 20:00 | 0 | 28,968 | 28,968 | 20:00 | 0 | 28,968 | 19,063 | 7:00 | - | - | - | - |
| UTTARAKHA .. | 2,422 | 18:00 | 0 | 2,422 | 2,422 | 18:00 | 0 | 2,422 | 1,729 | 11:00 | - | - | - | - |
| HP | 1,746 | 8:00 | 0 | 1,746 | 1,746 | 8:00 | 0 | 1,746 | 1,363 | 23:00 | - | - | - | - |
| J&K(UT)&Lad .. | 2,796 | 20:00 | 0 | 2,796 | 2,796 | 20:00 | 0 | 2,796 | 1,721 | 4:00 | - | - | - | - |
| CHANDIGARH | 320 | 20:00 | 0 | 320 | 320 | 20:00 | 0 | 320 | 212 | 7:00 | - | - | - | - |
| RAILWAYS_NR ISTS | 217 | 0:00 | 0 | 217 | 217 | 0:00 | 0 | 217 | 152 | 14:00 | - | - | - | - |
| NR | 80,098 | 22:00 | 0 | 80,098 | 80,098 | 22:00 | 0 | 80,098 | 66,545 | 8:00 | - | - | - | - |

3(A) State Entities Generation:

| CHANDIGARH | | | | | | | | | | |
|----------------------|----------------|---------|-------------|----------|-----|---------------------------------|-----|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Gen(MU) | |
| NIL | | | | | | | | | | |
| Total | 0 | 0 | 0 | | | | | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | | | | | 0 | 0 | 0 |

| DELHI | | | | | | | | | | |
|---|----------------|---------|-------------|----------|-------|------------------------------|-----|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Gen(MU) | |
| BAWANA GPS(2 * 253 + 4 * 216) | 1,370 | -3 | -3 | -1.41 | 00:00 | 0 | | 0 | -0.05 | -2 |
| DELHI GAS TURBINES(3 * 34 + 6 * 30) | 282 | 37 | 37 | 37.59 | 07:00 | 0 | | 0.88 | 0.83 | 35 |
| PRAGATI GAS TURBINES(1 * 121.2 + 2 * 104.6) | 331 | 146 | 149 | 149.57 | | 0 | | 3.6 | 3.51 | 146 |
| RITHALA GPS(3 * 36) | 108 | 0 | 0 | 0 | | 0 | | | | |
| Total GAS/NAPTHA/DIESEL | 2,091 | 180 | 183 | | | | | 4.48 | 4.29 | 179 |
| WIND | 0 | 0 | 0 | 0 | | 0 | | | | |
| BIOMASS(52) | 52 | 61 | 61 | 0 | | 0 | | 1.72 | 1.7 | 71 |
| SOLAR(2) | 2 | 0 | 0 | 0 | | 0 | | | | |
| Total DELHI | 2,145 | 241 | 244 | | | | | 6.2 | 5.99 | 250 |

| HARYANA | | | | | | | | | | |
|--|----------------|---------|-------------|----------|-------|------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Gen(MU) | |
| DCRTPP (YAMUNA NAGAR)(2 * 300) | 600 | 345 | 353 | 357 | 09:00 | 342 | 17:45 | 8.89 | 8.04 | 335 |
| JHAJJAR(CLP)(2 * 660) | 1,320 | 908 | 746 | 1,010 | 01:00 | 729 | 10:15 | 19.79 | 18.4 | 767 |
| MAGNUM DIESEL (IPP)(4 * 6.3) | 25 | 0 | 0 | 0 | | 0 | | | | |
| PANIPAT TPS(1 * 210 + 2 * 250) | 710 | 354 | 362 | 363 | 17:00 | 356 | 17:45 | 9.37 | 8.49 | 354 |
| RGTPP(KHEDAR)(2 * 600) | 1,200 | 725 | 725 | 731 | 02:00 | 694 | 06:00 | 17.32 | 16.78 | 699 |
| Total THERMAL | 3,855 | 2,332 | 2,186 | | | | | 55.37 | 51.71 | 2,155 |
| FARIDABAD GPS(1 * 156.07 + 2 * 137.75) | 432 | 0 | 0 | 0 | | 0 | | | | |
| Total GAS/NAPTHA/DIESEL | 432 | 0 | 0 | | | | | 0 | 0 | 0 |
| TOTAL HYDRO HARYANA(64.8) | 65 | 29 | 28 | 35 | 17:00 | 28 | 17:30 | 0.79 | 0.79 | 33 |
| Total HYDEL | 65 | 29 | 28 | | | | | 0.79 | 0.79 | 33 |
| WIND | 0 | 0 | 0 | 0 | | 0 | | | | |
| BIOMASS(106) | 106 | 0 | 0 | 0 | | 0 | | 0.86 | 0.86 | 36 |
| SOLAR(196) | 196 | 0 | 0 | 0 | | 0 | | 1.12 | 1.12 | 47 |
| Total HARYANA | 4,654 | 2,361 | 2,214 | | | | | 58.14 | 54.48 | 2,271 |

| HIMACHAL PRADESH | | | | | | | | | | |
|----------------------------|----------------|---------|-------------|----------|-------|------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Gen(MU) | |
| BAJOLI HOLI(3*60) | 180 | 108 | 90 | 109 | 21:00 | 36 | 08:00 | 2 | 2 | 83 |
| BASPA (IPP) HPS(3 * 100) | 300 | 299 | 259 | 299 | 19:00 | 180 | 16:00 | 5.77 | 5.68 | 237 |
| MALANA (IPP) HPS(2 * 43) | 86 | 77 | 53 | 84 | 18:00 | 32 | 11:00 | 1.36 | 1.36 | 57 |
| MALANA2(2 * 50) | 100 | 0 | 0 | 0 | | 0 | | | | |
| SAWARA KUDDU(3 * 37) | 111 | 111 | 37 | 111 | 07:00 | 28 | 04:00 | 1.36 | 1.36 | 57 |
| OTHER HYDRO HP(503.75) | 504 | 202 | 296 | 0 | | 0 | | 5.04 | 5.02 | 209 |
| Total HYDEL | 1,281 | 797 | 735 | | | | | 15.53 | 15.42 | 643 |
| WIND | 0 | 0 | 0 | 0 | | 0 | | | | |
| BIOMASS | 0 | 0 | 0 | 0 | | 0 | | | | |
| SOLAR(1 * 19) | 19 | 0 | 0 | 0 | | 0 | | 0.13 | 0.13 | 5 |
| SMALL HYDRO(765.25) | 765 | 691 | 545 | 0 | | 0 | | 14.92 | 14.91 | 621 |
| Total SMALL HYDRO | 765 | 691 | 545 | | | | | 14.92 | 14.91 | 621 |
| Total HP | 2,065 | 1,488 | 1,280 | | | | | 30.58 | 30.46 | 1,269 |

| J&K(UT) & LADAKH(UT) | | | | | | | | | | |
|----------------------------------|----------------|---------|-------------|----------|-----|------------------------------|-----|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Gen(MU) | |
| GAS/DIESEL/OTHERS J&K(1 * 190) | 190 | 0 | 0 | 0 | | 0 | | | | |
| Total GAS/NAPTHA/DIESEL | 190 | 0 | 0 | | | | | 0 | 0 | 0 |
| BAGLIHAR (IPP) HPS(6 * 150) | 900 | 0 | 0 | 0 | | 0 | | 18.53 | 18.53 | 772 |
| OTHER HYDRO/IPP J&K(308) | 308 | 0 | 0 | 0 | | 0 | | 4.02 | 4.02 | 168 |
| Total HYDEL | 1,208 | 0 | 0 | | | | | 22.55 | 22.55 | 940 |
| WIND | 0 | 0 | 0 | 0 | | 0 | | | | |
| BIOMASS | 0 | 0 | 0 | 0 | | 0 | | | | |
| SOLAR | 0 | 0 | 0 | 0 | | 0 | | | | |
| SMALL HYDRO(98) | 98 | 0 | 0 | 0 | | 0 | | | | |
| Total SMALL HYDRO | 98 | 0 | 0 | | | | | 0 | 0 | 0 |
| Total J&K(UT)&Ladakh(UT) | 1,496 | 0 | 0 | | | | | 22.55 | 22.55 | 940 |

| PUNJAB | | | | | | | | | | |
|--|----------------|---------|-------------|----------|-------|---------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Gen(MU) | |
| GOINDWAL(GVK)(2 * 270) | 540 | 246 | 145 | 246 | 19:00 | 145 | 01:00 | 4.81 | 4.28 | 178 |
| GURU GOBIND SINGH TPS (ROPAR)(4 * 210) | 840 | 444 | 398 | 444 | 19:00 | 389 | 01:00 | 11.37 | 10.21 | 425 |
| GURU HARGOBIND SINGH TPS (LEHRA MOHABBAT)(2 * 210 + 2 * 250) | 920 | 823 | 616 | 823 | 18:00 | 616 | 01:00 | 17.91 | 16.32 | 680 |
| RAJPURA(NPL) TPS(2 * 700) | 1,400 | 660 | 1,145 | 1,320 | 01:00 | 330 | 11:00 | 16.92 | 15.89 | 662 |
| TALWANDI SABO TPS(3 * 660) | 1,980 | 1,753 | 943 | 1,753 | 20:00 | 924 | 04:00 | 32.81 | 30.53 | 1,272 |
| Total THERMAL | 5,680 | 3,926 | 3,247 | | | | | 83.82 | 77.23 | 3,217 |
| ANANADPUR SAHIB HYDRO PLANT(2 * 33.5 + 2 * 33.5) | 134 | 108 | 109 | 109 | 01:00 | 108 | 14:00 | 2.65 | 2.65 | 110 |
| MUKERIAN HYDRO PLANT(6 * 15 + 6 * 19.5 + 2 * 9) | 225 | 185 | 184 | 186 | 11:00 | 148 | 13:00 | 4.35 | 4.34 | 181 |
| RANJIT SAGAR POWER PLANT (4 * 150) | 600 | 600 | 241 | 602 | 21:00 | 120 | 10:00 | 7.47 | 7.45 | 310 |
| SHANAN(4 * 15 + 1 * 50) | 110 | 70 | 70 | 70 | 01:00 | 70 | 01:00 | 1.72 | 1.72 | 72 |
| UBDC(3 * 15 + 3 * 15.5) | 92 | 0 | 0 | 0 | 01:00 | 0 | 01:00 | 0 | 0 | 0 |
| OTHER HYDRO PUNJAB | 0 | 0 | 0 | 0 | | 0 | | 1.87 | 1.87 | 78 |
| Total HYDEL | 1,161 | 963 | 604 | | | | | 18.06 | 18.03 | 751 |
| WIND | 0 | 0 | 0 | 0 | | 0 | | | | |
| BIOMASS(303) | 303 | 0 | 0 | 0 | | 0 | | 1.72 | 1.72 | 72 |
| SOLAR(881) | 881 | 52 | 56 | 453 | 12:00 | 52 | 20:00 | 4.09 | 4.09 | 170 |
| Total PUNJAB | 8,025 | 4,941 | 3,907 | | | | | 107.69 | 101.07 | 4,210 |

| RAJASTHAN | | | | | | | | | | |
|---|----------------|---------|-------------|----------|-------|---------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Gen(MU) | |
| BARSINGSAR (IPP) LTPS(2 * 125) | 250 | 109 | 109 | 110 | 09:00 | 74 | 14:00 | 2.78 | 2.64 | 110 |
| CHHABRA TPS(2 * 660 + 4 * 250) | 2,320 | 1,769 | 1,721 | 1,769 | 20:00 | 1,209 | 14:00 | 40.75 | 37.54 | 1,564 |
| GIRAL (IPP) LTPS(2 * 125) | 250 | 0 | 0 | 0 | | 0 | | | | |
| KALISINDH TPS(2 * 600) | 1,200 | 947 | 942 | 1,016 | 00:00 | 636 | 15:00 | 21.91 | 20.16 | 840 |
| KAWAI TPS(2 * 660) | 1,320 | 611 | 601 | 611 | 20:00 | 364 | 10:00 | 13.29 | 12.52 | 522 |
| KOTA TPS(2 * 110 + 2 * 195 + 3 * 210) | 1,240 | 973 | 1,055 | 1,055 | 03:00 | 623 | 07:00 | 23.07 | 20.93 | 872 |
| RAJWEST (IPP) LTPS(8 * 135) | 1,080 | 787 | 809 | 817 | 08:00 | 621 | 15:00 | 20.02 | 17.42 | 726 |
| SURATGARH TPS (6 * 250 + 2 * 660(SSCTPS)) | 2,820 | 1,573 | 1,547 | 1,642 | 01:00 | 1,156 | 11:00 | 35.79 | 33.22 | 1,384 |
| VSLPP (IPP)(1 * 135) | 135 | 108 | 107 | 108 | 02:00 | 107.09 | 08:00 | 2.87 | 2.51 | 105 |
| Total THERMAL | 10,615 | 6,877 | 6,891 | | | | | 160.48 | 146.94 | 6,123 |
| DHOLPUR GPS(3 * 110) | 330 | 0 | 0 | 0 | | 0 | | | | |
| RAMGARH GPS(1 * 110 + 1 * 35.5 + 1 * 50 + 2 * 37.5) | 271 | 80 | 78 | 81 | 23:00 | 77 | 11:00 | 2.03 | 1.97 | 82 |
| Total GAS/NAPTHA/DIESEL | 601 | 80 | 78 | | | | | 2.03 | 1.97 | 82 |
| RAPS-A(1 * 100 + 1 * 200) | 300 | 176 | 175 | 178 | 12:00 | 176 | 09:00 | 4.65 | 4.31 | 180 |
| Total NUCLEAR | 300 | 176 | 175 | | | | | 4.65 | 4.31 | 180 |
| TOTAL HYDRO RAJASTHAN(550) | 550 | 141 | 246 | 247 | 16:00 | 211 | 18:00 | 5.32 | 5.31 | 221 |
| Total HYDEL | 550 | 141 | 246 | | | | | 5.32 | 5.31 | 221 |
| WIND(1 * 4328) | 4,328 | 613 | 449 | 1,320 | 18:00 | 163 | 10:00 | 13.82 | 13.82 | 576 |
| BIOMASS(102) | 102 | 60 | 60 | 60 | 01:00 | 60 | 06:00 | 1.45 | 1.45 | 60 |
| SOLAR(6560) | 6,560 | 0 | 0 | 5,841 | 12:00 | 0 | | 42.66 | 42.66 | 1,778 |
| Total RAJASTHAN | 23,056 | 7,947 | 7,899 | | | | | 230.41 | 216.46 | 9,020 |

| UTTAR PRADESH | | | | | | | | | | |
|--|----------------|---------|-------------|----------|-------|------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Gen(MU) | |
| ANPARA TPS(2 * 500 + 3 * 210) | 1,630 | 1,368 | 1,347 | 1,372 | 16:00 | 992 | 10:00 | 33 | 30.6 | 1,275 |
| ANPARA-C TPS(2 * 600) | 1,200 | 1,101 | 1,092 | 1,110 | 05:00 | 601 | 09:00 | 25.5 | 23.6 | 983 |
| ANPARA-D TPS(2 * 500) | 1,000 | 938 | 936 | 943 | 23:00 | 666 | 10:00 | 23.7 | 22.2 | 925 |
| BAJAJ ENERGY PVT LTD (IPP) TPS(10 * 45) | 450 | 203 | 366 | 366 | 03:00 | 203 | 01:00 | 6.5 | 5.9 | 246 |
| BARA PPGCL TPS(3 * 660) | 1,980 | 1,096 | 1,089 | 1,098 | 21:00 | 692 | 12:00 | 25.4 | 23.5 | 979 |
| GHATAMPUR TPS (2*660) | 1,320 | 571 | 559 | 571 | 20:00 | 305 | 14:00 | 13.8 | 12.4 | 517 |
| HARDUAGANJ TPS(1 * 110 + 2 * 250 + 1*660) | 1,270 | 630 | 711 | 1,006 | 19:00 | 627 | 14:00 | 18.5 | 16.7 | 696 |
| INFIRM POWER | 660 | 0 | 0 | 0 | | 0 | | | | |
| JAWAHARPUR TPS(2*660) | 1,320 | 332 | 607 | 752 | 16:00 | 332 | 20:00 | 16.1 | 14.5 | 604 |
| JP CHURK(3 * 60) | 180 | 0 | 0 | 0 | | 0 | | | | |
| KHURJA TPS(2 * 660) | 1,320 | 601 | 579 | 608 | 20:00 | 545 | 14:00 | 15.7 | 14.2 | 592 |
| LALITPUR TPS(3 * 660) | 1,980 | 1,298 | 1,838 | 1,855 | 23:59 | 996 | 10:00 | 38.1 | 35.7 | 1,488 |
| MEJA TPS(2 * 660) | 1,320 | 1,228 | 1,217 | 1,244 | 01:00 | 678 | 07:00 | 27.9 | 26.2 | 1,092 |
| OBRA TPS (5 * 200+2*660) | 2,320 | 895 | 996 | 1,005 | 02:00 | 639 | 12:00 | 22.5 | 20.3 | 846 |
| PANKI_I TPS(1 * 660) | 660 | 0 | 0 | 0 | | 0 | | | | |
| PARICHA TPS(2 * 210 + 2 * 250) | 920 | 484 | 531 | 743 | 23:00 | 358 | 01:00 | 13.7 | 12.5 | 521 |
| ROSA TPS(4 * 300) | 1,200 | 786 | 1,090 | 1,111 | 23:00 | 584 | 09:00 | 21.7 | 19.8 | 825 |
| Total THERMAL | 20,730 | 11,531 | 12,958 | | | | | 302.1 | 278.1 | 11,589 |
| ALAKHANANDA HEP(4 * 82.5) | 330 | 315 | 323 | 352 | 08:00 | 315 | 20:00 | 8 | 8 | 333 |
| RIHAND HPS(6 * 50) | 300 | 280 | 280 | 280 | 01:00 | 100 | 15:00 | 6.5 | 6.5 | 271 |
| VISHNUPARYAG HPS(4 * 110) | 440 | 436 | 436 | 436 | 01:00 | 336 | 11:00 | 9.8 | 9.8 | 408 |
| OTHER HYDRO UP(227) | 227 | 181 | 179 | 186 | 17:00 | 96 | 15:00 | 4.2 | 4.2 | 175 |
| Total HYDEL | 1,297 | 1,212 | 1,218 | | | | | 28.5 | 28.5 | 1,187 |
| WIND | 0 | 0 | 0 | 0 | | 0 | | | | |
| BIOMASS(26) | 26 | 0 | 0 | 0 | | 0 | | | | |
| SOLAR(2729) | 2,729 | 0 | 0 | 1,903 | 11:00 | 0 | 01:00 | 14.1 | 14.1 | 588 |
| CO-GENERATION(1360) | 1,360 | 25 | 25 | 25 | 01:00 | 0 | | 0.6 | 0.6 | 25 |
| Total OTHERs | 1,360 | 25 | 25 | | | | | 0.6 | 0.6 | 25 |
| Total UP | 26,142 | 12,768 | 14,201 | | | | | 345.3 | 321.3 | 13,389 |

| UTTARAKHAND | | | | | | | | | | |
|-------------------------|----------------|---------|-------------|----------|-------|------------------------------|-------|---------------|-------------|---------|
| Station/Constituents | Inst. Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | AVG. MW |
| | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | Gross Gen(MU) | Net Gen(MU) | |
| GAMMA | 225 | 0 | 0 | 0 | | 0 | | | | |
| SARAVANTI | 450 | 0 | 0 | 0 | | 0 | | | | |
| Total GAS/NAPTHA/DIESEL | 675 | 0 | 0 | | | | | 0 | 0 | 0 |
| OTHER HYDRO UK(1250) | 1,250 | 1,030 | 982 | 1,046 | 19:00 | 868 | 13:00 | 23.88 | 23.8 | 992 |
| Total HYDEL | 1,250 | 1,030 | 982 | | | | | 23.88 | 23.8 | 992 |
| WIND | 0 | 0 | 0 | 0 | | 0 | | | | |
| BIOMASS(127) | 127 | 0 | 0 | 0 | | 0 | | | | |
| SOLAR(278) | 278 | 0 | 0 | 86 | 13:00 | 9 | 07:00 | 0.54 | 0.54 | 23 |
| SMALL HYDRO(180) | 180 | 0 | 0 | 0 | | 0 | | | | |
| Total SMALL HYDRO | 180 | 0 | 0 | | | | | 0 | 0 | 0 |
| Total UTTARAKHAND | 2,510 | 1,030 | 982 | | | | | 24.42 | 24.34 | 1,015 |

| (B) Regional Entities Generation | | | | | | | | | | | | | | |
|---------------------------------------|----------------|-------------------|---------|-------------|----------|-------|------------------------------|-------|------------|--------------------|-----------------|---------|---------|--------------------------------|
| Station/Constituents | Inst. Capacity | Declared Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | | | AVG. MW | UI(Actual-Schedule-(+- AGC)) |
| | (MW) | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | SCHD (MU) | Gross Gen ACT (MU) | Net Gen ACT MU) | AGC(MU) | | |
| Aravali Power Company Private Ltd | | | | | | | | | | | | | | |
| ISTPP (JHAJJAR)(3 * 500) | 1,500 | 1,406 | 934 | 845 | 1,438 | 21:15 | 824 | 13:45 | 20.19 | 22.62 | 20.84 | 0.65 | 868 | 0 |
| Sub-Total | 1,500 | 1,406 | 934 | 845 | - | - | - | - | 20.19 | 22.62 | 20.84 | 0.65 | 868 | 0 |
| BBMB | | | | | | | | | | | | | | |
| BHAKRA HPS(5 * 126 + 5 * 157) | 1,415 | 1,370 | 1,394 | 1,237 | 1,394 | 20:00 | 1,080 | 14:00 | 28.77 | 29.35 | 28.98 | 0 | 1,208 | 0.21 |
| DEHAR HPS(6 * 165) | 990 | 480 | 495 | 495 | 495 | 20:00 | 330 | 15:00 | 10.88 | 11.03 | 10.73 | 0 | 447 | -0.15 |
| PONG HPS(6 * 66) | 396 | 352 | 360 | 360 | 360 | 20:00 | 310 | 19:00 | 8.45 | 8.68 | 8.53 | 0 | 355 | 0.08 |
| Sub-Total | 2,801 | 2,202 | 2,249 | 2,092 | - | - | - | - | 48.1 | 49.06 | 48.24 | 0 | 2,010 | 0.14 |
| NHPC | | | | | | | | | | | | | | |
| BAIRASIUL HPS(3 * 60) | 180 | 186 | 185 | 61 | 185 | 19:30 | 10.96 | 18:00 | 2.14 | 2.26 | 2.23 | 0 | 93 | 0.09 |
| CHAMERA I HPS(3 * 180) | 540 | 540 | 428 | 364 | 428 | 20:00 | 359 | 09:00 | 9.13 | 9.13 | 8.98 | 0 | 374 | -0.15 |
| CHAMERA II HPS(3 * 100) | 300 | 312 | 305 | 201 | 305 | 20:00 | 99.5 | 10:00 | 4.57 | 4.6 | 4.57 | 0 | 190 | 0 |
| CHAMERA III HPS(3 * 77) | 231 | 240 | 217 | 77 | 217 | 20:00 | 0 | 07:00 | 1.47 | 1.37 | 1.35 | -0.1 | 56 | -0.02 |
| DHAULIGANGA HPS(4 * 70) | 280 | 292 | 285 | 151 | 285 | 20:00 | 146 | 10:00 | 4.2 | 4.27 | 4.26 | 0 | 178 | 0.06 |
| DULHASTI HPS(3 * 130) | 390 | 333 | 346 | 344 | 347 | 01:00 | 314.6 | 10:00 | 7.99 | 8.17 | 8.05 | 0 | 335 | 0.06 |
| KISHANGANGA(3 * 110) | 330 | 326 | 330 | 111 | 330 | 19:00 | 0 | - | 3.53 | 3.62 | 3.6 | 0 | 150 | 0.07 |
| PARBATI III HEP(4 * 130) | 520 | 280 | 284 | 187 | 285 | 19:00 | 63.43 | 21:00 | 4.21 | 4.29 | 4.25 | 0 | 177 | 0.04 |
| PARBATI-II(4 * 200) | 800 | 400 | 386 | 326 | 386 | 22:00 | 324.2 | 21:00 | 7.51 | 8 | 7.53 | 0 | 314 | 0.02 |
| SALAL HPS(6 * 115) | 690 | 700 | 712 | 705 | 712 | 20:00 | 468 | 19:00 | 14.3 | 14.59 | 14.42 | 0 | 601 | 0.12 |
| SEWA-II HPS(3 * 40) | 120 | 119 | 124 | 41 | 124 | 20:00 | 0 | - | 1.28 | 1.31 | 1.29 | 0 | 54 | 0.01 |
| TANAKPUR HPS(1 * 31.42 + 2 * 31.4) | 94 | 93 | 104 | 104 | 105 | 09:00 | 103.5 | 16:00 | 2.26 | 2.51 | 2.48 | 0 | 103 | 0.22 |
| URI HPS(4 * 120) | 480 | 300 | 304 | 287 | 472 | 07:00 | 0 | - | 7.81 | 7.91 | 7.85 | 0 | 327 | 0.04 |
| URI-II HPS(4 * 60) | 240 | 145 | 165 | 170 | 232 | 16:45 | 63.71 | 00:15 | 3.72 | 4.01 | 3.97 | 0 | 165 | 0.25 |
| Sub-Total | 5,195 | 4,266 | 4,175 | 3,129 | - | - | - | - | 74.12 | 76.04 | 74.83 | -0.1 | 3,117 | 0.81 |
| NPCL | | | | | | | | | | | | | | |
| NAPS(2 * 220) | 440 | 188 | 212 | 211 | 215 | 00:00 | 0 | - | 4.51 | 5.04 | 4.43 | 0 | 185 | -0.08 |
| RAPP-D | 700 | 142 | 0 | 0 | 0 | - | 0 | - | 0.91 | 1.73 | 0.45 | 0 | 19 | -0.46 |
| RAPS-B(2 * 220) | 440 | 325 | 377 | 389 | 389 | 03:00 | 375 | 17:00 | 7.8 | 9.23 | 8.1 | 0 | 338 | 0.3 |
| RAPS-C(2 * 220) | 440 | 406 | 444 | 450 | 450 | 01:00 | 444 | 16:00 | 9.74 | 10.78 | 9.73 | 0 | 405 | -0.01 |
| Sub-Total | 2,020 | 1,061 | 1,033 | 1,050 | - | - | - | - | 22.96 | 26.78 | 22.71 | 0 | 947 | -0.25 |
| NTPC | | | | | | | | | | | | | | |
| ANTA GPS(1 * 153.2 + 3 * 88.71) | 419 | 256 | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0.03 | 0 | 1 | 0.03 |
| AURAIYA GPS(2 * 109.3 + 4 * 111.19) | 663 | 638 | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0.04 | 0 | 2 | 0.04 |
| DADRI GPS(2 * 154.51 + 4 * 130.19) | 830 | 795 | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0.04 | 0 | 2 | 0.04 |
| DADRI-I TPS(4 * 210) | 840 | 769 | 476 | 459 | 476 | 20:00 | 0 | - | 10.57 | 12.41 | 11.14 | 0 | 464 | 0.57 |
| DADRI-II TPS(2 * 490) | 980 | 919 | 587 | 512 | 587 | 20:00 | 0 | - | 13.25 | 14.84 | 13.72 | 0 | 572 | 0.47 |
| KOLDAM HPS(4 * 200) | 800 | 871 | 869 | 850 | 870 | 21:00 | 0 | - | 13.06 | 13.39 | 13.31 | 0 | 555 | 0.25 |
| NTPC NOKH SOLAR PROJECT | 245 | 0 | 0 | 0 | 0 | - | 0 | - | 4.58 | 4.47 | 4.47 | 0 | 186 | -0.11 |
| RIHAND-I STPS(2 * 500) | 1,000 | 450 | 490 | 492 | 504 | 05:00 | 279 | 14:00 | 8.93 | 9.96 | 8.89 | 0.01 | 370 | -0.05 |
| RIHAND-II STPS(2 * 500) | 1,000 | 943 | 999 | 991 | 1,004 | 00:00 | 541 | 14:00 | 18.59 | 19.86 | 18.53 | 0.06 | 772 | -0.12 |
| RIHAND-III STPS(2 * 500) | 1,000 | 943 | 1,005 | 983 | 1,005 | 20:00 | 541 | 14:00 | 18.59 | 19.82 | 18.63 | 0.1 | 776 | -0.06 |
| SINGRAULI HYDRO(1 * 8) | 8 | 0 | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 |
| SINGRAULI STPS(2 * 500 + 5 * 200) | 2,000 | 1,680 | 1,807 | 1,801 | 1,807 | 20:00 | 0 | - | 32.83 | 35.62 | 32.6 | 0 | 1,358 | -0.23 |
| TANDA TPS(4 * 110) | 440 | - | 0 | 0 | 0 | - | 0 | - | - | - | - | - | - | - |
| TANDA TPS STAGE-II(2 * 660) | 1,320 | 619 | 599 | 363 | 613 | 22:00 | 0 | - | 10.09 | 11.08 | 10.16 | 0 | 423 | 0.07 |
| UNCHAHAH II TPS(2 * 210) | 420 | 375 | 293 | 252 | 378 | 23:00 | 237 | 09:00 | 5.66 | 6.56 | 5.75 | 0.12 | 240 | -0.03 |
| UNCHAHAH III TPS(1 * 210) | 210 | 189 | 135 | 125 | 190 | 23:00 | 118 | 09:00 | 2.85 | 3.27 | 2.92 | 0.15 | 122 | -0.08 |
| UNCHAHAH IV TPS(1 * 500) | 500 | 466 | 386 | 295 | 473 | 19:00 | 280 | 18:00 | 7.15 | 8.05 | 7.43 | 0.43 | 310 | -0.15 |
| UNCHAHAH TPS(2 * 210) | 420 | 175 | 117 | 128 | 189 | 22:00 | 119 | 15:00 | 2.8 | 3.27 | 2.83 | 0 | 118 | 0.03 |
| Sub-Total | 13,095 | 10,088 | 7,763 | 7,251 | - | - | - | - | 148.95 | 162.6 | 150.49 | 0.87 | 6,271 | 0.67 |
| SJVNL | | | | | | | | | | | | | | |
| NATHPA-JHAKRI HPS(6 * 250) | 1,500 | 1,482 | 1,533 | 991 | 1,533 | 20:00 | 792 | 18:00 | 28.58 | 29.09 | 28.86 | 0 | 1,203 | 0.28 |
| RAMPUR HEP(6 * 68.67) | 412 | 408 | 431 | 282 | 431 | 20:00 | 238 | 18:00 | 7.97 | 8.41 | 8.34 | 0 | 348 | 0.37 |
| Sub-Total | 1,912 | 1,890 | 1,964 | 1,273 | - | - | - | - | 36.55 | 37.5 | 37.2 | 0 | 1,551 | 0.65 |
| THDC | | | | | | | | | | | | | | |
| KOTESHWAR HPS(4 * 100) | 400 | 300 | 292 | 90 | 295 | 21:00 | 89 | 12:00 | 2.99 | 3.11 | 3.1 | 0.12 | 129 | -0.01 |
| TEHRI HPS(4 * 250) | 1,000 | 1,072 | 1,083 | 241 | 1,083 | 20:00 | 0 | 09:00 | 9.95 | 10.15 | 10.11 | 0.02 | 421 | 0.14 |
| TEHRI PSP(4 * 250) | 1,000 | 500 | 500 | 0 | 500 | - | 0 | - | 1.42 | 3.64 | 1.33 | 0 | 55 | -0.09 |

| | | | | | | | | | | | | | | |
|-----------|--------|--------|--------|--------|---|---|---|---|--------|-------|--------|------|--------|------|
| Sub-Total | 2,400 | 1,872 | 1,875 | 331 | - | - | - | - | 14.36 | 16.9 | 14.54 | 0.14 | 605 | 0.04 |
| Total | 28,923 | 22,785 | 19,993 | 15,971 | | | | | 365.23 | 391.5 | 368.85 | 1.56 | 15,369 | 2.06 |

| IPP/JV | | | | | | | | | | | | | |
|--|----------------|-------------------|---------|-------------|----------|-------|------------------------------|-------|------------|---------------|-------------|---------|-------|
| Station/Constituents | Inst. Capacity | Declared Capacity | 20:00 | 03:00 | Day Peak | | Min Generation (06:00-18:00) | | Day Energy | | | AVG. MW | UI |
| | (MW) | (MW) | Peak MW | Off Peak MW | (MW) | Hrs | (MW) | Hrs | SCHD (MU) | Gross Gen(MU) | Net Gen(MU) | | |
| IPP | | | | | | | | | | | | | |
| ADHPL(IPP) HPS(2 * 96) | 192 | 189 | 194 | 95 | 194 | 20:00 | 0 | - | 2.21 | 2.25 | 2.24 | 93 | 0.03 |
| BUDHIL HPS (IPP)(2 * 35) | 70 | 28 | 70 | 36 | 71 | 21:00 | 35.27 | 15:00 | 1.04 | 1.07 | 1.06 | 44 | 0.02 |
| KARCHAM WANGTOO HPS(4 * 261.25) | 1,045 | 844 | 1,101 | 800 | 1,101 | 20:00 | 450 | 15:30 | 15.89 | 16.27 | 16.18 | 674 | 0.29 |
| SAINJ HEP(2 * 50) | 100 | 0 | 0 | 0 | 0 | - | 0 | - | 0 | 0 | 0 | 0 | 0 |
| SHREE CEMENT (IPP) TPS(2 * 150) | 300 | 338 | 0 | 0 | 0 | - | 0 | - | 3.9 | 4.2 | 3.87 | 161 | -0.03 |
| SINGOLI BHATWARI HEP(3 * 33) | 99 | 107 | 109 | 109 | 109 | 09:44 | 0 | - | 2.39 | 2.54 | 2.51 | 105 | 0.12 |
| SORANG HYDROELECTRIC PROJECT(2 * 50) | 100 | 60 | 73 | 55 | 77 | 18:00 | 0 | - | 1.3 | 1.4 | 1.4 | 58 | 0.1 |
| Sub-Total | 1,906 | 1,566 | 1,547 | 1,095 | - | - | - | - | 26.73 | 27.73 | 27.26 | 1,135 | 0.53 |
| SOLAR IPP | | | | | | | | | | | | | |
| ADANI GREEN ENERGY TWENTY FIVE LIMITED | 500 | 0 | 0 | 0 | 0 | - | 0 | - | 2.33 | 2.42 | 2.42 | 101 | 0.09 |
| ABC RENEWABLE ENERGY(1 * 300) | 300 | 0 | 0 | 0 | 0 | - | 0 | - | 1.19 | 1.21 | 1.21 | 50 | 0.02 |
| ACME CHITTORGARH SOLAR ENERGY PVT LTD(1 * 250) | 250 | 0 | 0 | 0 | 185 | 14:59 | 0 | - | 1.16 | 1.16 | 1.16 | 48 | 0 |
| ACME DEOGHAR SOLAR POWER PRIVATE LIMITED(ADSPPL) | 300 | 0 | 0 | 0 | 256 | 15:02 | 0 | - | 1.54 | 1.49 | 1.48 | 62 | -0.06 |
| ACME HEERGARH POWERTECH PRIVATE LIMITED(1*300) | 300 | 0 | 0 | 0 | 0 | - | 0 | - | 1.49 | 1.46 | 1.46 | 61 | -0.03 |
| ACME PHALODI SOLAR ENERGY PRIVATE LIMITED(APSEPL) | 300 | 0 | 0 | 0 | 254 | 10:02 | 0 | - | 1.54 | 1.49 | 1.49 | 62 | -0.05 |
| ACME RAISAR SOLAR ENERGY PRIVATE LIMITED(ARSEPL) | 300 | 0 | 0 | 0 | 254 | 15:02 | 0 | - | 1.53 | 1.49 | 1.48 | 62 | -0.05 |
| ACME SIKAR SOLAR PRIVATE LIMITED | 300 | 0 | 0 | 0 | 0 | - | 0 | - | 1.37 | 1.32 | 1.32 | 55 | -0.05 |
| ACMEDHAULPUR POWERTECH PRIVATE LIMITED(ADPPL) | 300 | 0 | 0 | 0 | 247 | 15:05 | 0 | - | 1.54 | 1.47 | 1.47 | 61 | -0.07 |
| AMP ENERGY GREEN SIX PRIVATE LIMITED | 100 | 0 | 0 | 0 | 0 | - | 0 | - | 0.59 | 0.63 | 0.63 | 26 | 0.04 |
| AMP GREEN ENERGY FIVE PRIVATE LIMITED | 100 | 0 | 0 | 0 | 0 | - | 0 | - | 0.61 | 0.61 | 0.61 | 25 | 0 |
| ADANI GREEN ENERGY TWENTY FOUR LIMITED | 500 | 0 | 0 | 0 | 368 | 15:17 | 0 | - | 1.83 | 1.85 | 1.83 | 76 | 0 |
| ADANI RENEWABLE ENERGY RJ LIMITED (ARERJL)(1 * 200) | 200 | 0 | 0 | 0 | 0 | - | 0 | - | 1.33 | 1.3 | 1.3 | 54 | -0.03 |
| ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(1*150) | 150 | 0 | 0 | 0 | 153 | 12:15 | 0 | - | 1.07 | 1.09 | 1.09 | 45 | 0.02 |
| ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED (PROJECT-2)(1*150) | 150 | 0 | 0 | 0 | 137 | 12:15 | 0 | - | 1.07 | 1.03 | 1.02 | 43 | -0.05 |
| ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED | 50 | 0 | 0 | 0 | 0 | - | 0 | - | 0.31 | 0.3 | 0.3 | 13 | -0.01 |
| ADANI SOLAR ENERGY RJ TWO PVT LTD_BHADLA(1*150) | 150 | 0 | 0 | 0 | 150 | 11:25 | 0 | - | 1.07 | 1.11 | 1.11 | 46 | 0.04 |
| ADANI SOLAR ENERGY RJ TWO PVT LTD_FATEGARH 2(1*180) | 180 | 0 | 0 | 0 | 165 | 14:57 | 0 | - | 1.53 | 1.47 | 1.46 | 61 | -0.07 |
| ADEPT RENEWABLE TECHNOLOGIES PVT LTD(1*110) | 110 | 0 | 0 | 0 | 95 | 15:16 | 0 | - | 0.66 | 0.59 | 0.59 | 25 | -0.07 |
| ALTRA XERGI POWER PRIVATE LIMITED | 380 | 0 | 0 | 0 | 297 | 14:52 | 0 | - | 1.85 | 1.81 | 1.81 | 75 | -0.04 |
| AMBUJA CEMENTS LIMITED | 150 | 0 | 0 | 0 | 0 | - | 0 | - | 1.09 | 1.02 | 1.02 | 43 | -0.07 |
| AMP ENERGY GREEN FOUR PRIVATE LIMITED | 100 | 0 | 0 | 0 | 0 | - | 0 | - | 0.55 | 0.57 | 0.57 | 24 | 0.02 |
| AMPLUS AGES PRIVATE LIMITED(1*100) | 100 | 0 | 0 | 0 | 84 | 09:35 | 0 | - | 0.6 | 0.57 | 0.57 | 24 | -0.03 |
| AURAIYA SOLAR(1 * 40) | 40 | 0 | 0 | 0 | 0 | - | 0 | - | 0.13 | 0.13 | 0.12 | 5 | -0.01 |
| AVAADA RJHN PRIVATE LIMITED(1*240) | 240 | 0 | 0 | 0 | 235 | 14:53 | 0 | - | 1.72 | 1.64 | 1.64 | 68 | -0.08 |
| AVAADA SUNCE ENERGY PRIVATE LIMITED, BIKANER(1 * 350) | 350 | 0 | 0 | 0 | 245 | 15:01 | 0 | - | 1.6 | 1.56 | 1.56 | 65 | -0.04 |
| AVAADA SUNRAYS ENERGY PRIVATE LTD(1*320) | 320 | 0 | 0 | 0 | 275 | 15:04 | 0 | - | 1.56 | 1.58 | 1.57 | 65 | 0.01 |
| AVAADA SUSTAINABLE RJPROJECT PVT LTD(1*300) | 300 | 0 | 0 | 0 | 201 | 09:18 | 0 | - | 1.32 | 1.32 | 1.32 | 55 | 0 |
| AYANA RENEWABLE POWER ONE PRIVATE LIMITED, BIKANER(300) | 300 | 0 | 0 | 0 | 213 | 10:12 | 0 | - | 1.35 | 1.36 | 1.36 | 57 | 0.01 |
| AYANA RENEWABLE THREE PVT LTD (1*300) | 300 | 0 | 0 | 0 | 214 | 15:05 | 0 | - | 1.01 | 1 | 1 | 42 | -0.01 |
| AZURE POWER FORTY THREE PRIVATE LIMITED(1 * 150 + 1 * 150 + 1 * 300) | 600 | 0 | 0 | 0 | 0 | - | 0 | - | 2.29 | 2.26 | 2.26 | 94 | -0.03 |
| AZURE POWER INDIA PVT LTD.(4 * 50) | 200 | 0 | 0 | 0 | 182 | 12:07 | 0 | - | 1.26 | 1.29 | 1.29 | 54 | 0.03 |
| AZURE POWER MAPLE PVT LTD(1*300) | 300 | 0 | 0 | 0 | 260 | 12:37 | 0 | - | 1.99 | 1.85 | 1.85 | 77 | -0.14 |
| AZURE POWER THIRTY FOUR PRIVATE LTD(1 * 130) | 130 | 0 | 0 | 0 | 129 | 12:05 | 0 | - | 0.92 | 0.9 | 0.9 | 38 | -0.02 |
| BANDERWALA SOLAR PLANT LTD(1*300) | 300 | 0 | 0 | 0 | 0 | - | 0 | - | 0.99 | 0.96 | 0.96 | 40 | -0.03 |
| CLEAN SOLAR POWER (BHADLA) PVT LTD(1 * 300) | 300 | 0 | 0 | 0 | 212 | 15:08 | 0 | - | 1.41 | 1.41 | 1.41 | 59 | 0 |
| CLEAN SOLAR POWER(JODHPUR) PRIVATE LIMITED(1*250) | 250 | 0 | 0 | 0 | 183 | 15:05 | 0 | - | 1.2 | 1.18 | 1.17 | 49 | -0.03 |

| | | | | | | | | | | | | | |
|---|-----|---|---|---|-----|-------|-------|-------|------|------|------|-----|-------|
| DADRI SOLAR(5) | 5 | 0 | 0 | 0 | 3 | - | 0 | - | 0.02 | 0.02 | 0.02 | 1 | 0 |
| DEVIKOT SOLAR POWER NTPC | 240 | 0 | 0 | 0 | 0 | - | 0 | - | 1.45 | 1.44 | 1.44 | 60 | -0.01 |
| EDEN RENEWABLE ALMA PRIVATE LIMITED | 300 | 0 | 0 | 0 | 0 | - | 0 | - | 1.49 | 1.45 | 1.45 | 60 | -0.04 |
| EDEN RENEWABLE CITE PRIVATE LIMITED(1 * 300) | 300 | 0 | 0 | 0 | 256 | 15:33 | 0 | - | 1.47 | 1.49 | 1.49 | 62 | 0.02 |
| GORBEA SOLAR PRIVATE LIMITED | 300 | 0 | 0 | 0 | 0 | - | 0 | - | 1.57 | 1.52 | 1.52 | 63 | -0.05 |
| GRIAN ENERGY PRIVATE LIMITED(1*100) | 100 | 0 | 0 | 0 | 84 | 09:34 | 0 | - | 0.61 | 0.58 | 0.58 | 24 | -0.03 |
| JUNIPER GREEN COSMIC PRIVATE LIMITED | 100 | 0 | 0 | 0 | 82 | 09:45 | 0 | - | 0.52 | 0.52 | 0.52 | 22 | 0 |
| JUNA RENEWABLE ENERGY PRIVATE LIMITED | 335 | 0 | 0 | 0 | 0 | - | 0 | - | 1.96 | 1.92 | 1.92 | 80 | -0.04 |
| JUNIPER NIRJARA ENERGY PRIVATE LIMITED | 50 | 0 | 0 | 0 | 38 | 09:45 | 0 | - | 0.25 | 0.25 | 0.25 | 10 | 0 |
| KARNISAR SOLAR PLANT NHPC LIMITED | 214 | 0 | 0 | 0 | 205 | 09:32 | 0 | - | 0.89 | 0.88 | 0.88 | 37 | -0.01 |
| KHIDRAT RENEWABLE ENERGY PRIVATE LIMITED | 300 | 0 | 0 | 0 | 0 | - | 0 | - | 1.51 | 1.47 | 1.47 | 61 | -0.04 |
| KOLAYAT SOLAR POWER PLANT NTPC LIMITED(1*550) | 550 | 0 | 0 | 0 | 0 | - | 0 | - | 2.14 | 2.13 | 2.13 | 89 | -0.01 |
| M/S ADANI SOLAR ENERGY FOUR PRIVATE LIMITED(1 * 50) | 50 | 0 | 0 | 0 | 0 | - | 0 | - | 0.36 | 0.35 | 0.35 | 15 | -0.01 |
| M/S ADANI SOLAR ENERGY JODHPUR TWO LIMITED(1 * 50) | 50 | 0 | 0 | 0 | 0 | - | 0 | - | 0.33 | 0.34 | 0.34 | 14 | 0.01 |
| M/S AZURE POWER FORTY ONE PRIVATE LIMITED(1 * 300) | 300 | 0 | 0 | 0 | 207 | 15:30 | 0 | - | 1.39 | 1.36 | 1.36 | 57 | -0.03 |
| M/S. ONEVOLT ENERGY PRIVATE LIMITED(1*100) | 100 | 0 | 0 | 0 | 82 | 09:44 | 0 | - | 0.61 | 0.57 | 0.56 | 23 | -0.05 |
| MEGA SOILS RENEWABLE PRIVATE LIMITED(1 * 250) | 250 | 0 | 0 | 0 | 0 | - | 0 | - | 1.18 | 1.2 | 1.2 | 50 | 0.02 |
| MEGA SURYAURJA PVT LTD(1*250) | 250 | 0 | 0 | 0 | 0 | - | 0 | - | 1.18 | 1.16 | 1.16 | 48 | -0.02 |
| NTPC ANTA SOLAR PV STATION | 90 | 0 | 0 | 0 | 0 | - | 0 | - | 0.42 | 0.52 | 0.52 | 22 | 0.1 |
| NTPC NIDAN SOLAR(1*296) | 296 | 0 | 0 | 0 | 219 | 14:49 | 0 | - | 1.41 | 1.4 | 1.38 | 58 | -0.03 |
| NEEMBA RENEW SURYA VIHAAN PRIVATE LIMITED | 200 | 0 | 0 | 0 | 0 | - | 0 | - | 0.98 | 0.98 | 0.98 | 41 | 0 |
| NOKHRA SOLAR POWER NTPC | 300 | 0 | 0 | 0 | 0 | - | 0 | - | 1.07 | 1.04 | 1.04 | 43 | -0.03 |
| RENEW SUN BRIGHT PRIVATE LIMITED (RSBPL)(1 * 300) | 300 | 0 | 0 | 0 | 219 | 15:15 | 0 | - | 1.46 | 1.38 | 1.38 | 58 | -0.08 |
| RENEW SURYA RAVI PVT LTD(1*300) | 300 | 0 | 0 | 0 | 190 | 09:18 | 0 | - | 1.05 | 1 | 1 | 42 | -0.05 |
| RENEW SOLAR ENERGY (JHARKHAND THREE) PVT LTD(300) | 300 | 0 | 0 | 0 | 218 | 15:14 | 0 | - | 1.38 | 1.35 | 1.35 | 56 | -0.03 |
| RENEW SOLAR POWER PVT LTD(50) | 50 | 0 | 0 | 0 | 160 | 09:26 | 0 | - | 0.37 | 0.38 | 0.38 | 16 | 0.01 |
| RENEW SOLAR POWER PVT LTD. BIKANER(1 * 250) | 250 | 0 | 0 | 0 | 0 | - | 0 | - | 1.11 | 1.02 | 1.02 | 43 | -0.09 |
| RENEW SOLAR URJA PVT LIMITED(300) | 300 | 0 | 0 | 0 | 221 | 15:40 | 0 | - | 1.4 | 1.35 | 1.35 | 56 | -0.05 |
| RENEW SURYA AAYAN PRIVATE LIMITED | 300 | 0 | 0 | 0 | 239 | 14:45 | 0 | - | 1.45 | 1.38 | 1.37 | 57 | -0.08 |
| RENEW SURYA JYOTI PRIVATE LIMITED | 210 | 0 | 0 | 0 | 165 | 15:15 | 0 | - | 1.1 | 1.08 | 1.08 | 45 | -0.02 |
| RENEW SURYA PRATAP PRIVATE LIMITED(1*200) | 200 | 0 | 0 | 0 | 205 | 11:28 | 0 | - | 1.53 | 1.54 | 1.53 | 64 | 0 |
| RENEW SURYA ROSHNI PVT LTD(1*400) | 400 | 0 | 0 | 0 | 0 | - | 0 | - | 1.46 | 1.36 | 1.36 | 57 | -0.1 |
| RENEW SURYA VIHAAN PRIVATE LIMITED | 100 | 0 | 0 | 0 | 99 | 12:43 | 0 | - | 0.74 | 0.73 | 0.72 | 30 | -0.02 |
| RISING SUN ENERGY (K) PVT LTD(1*164) | 190 | 0 | 0 | 0 | 202 | 12:24 | 0 | - | 1.37 | 1.43 | 1.43 | 60 | 0.06 |
| SB ENERGY FOUR PVT LTD(2 * 100) | 200 | 0 | 0 | 0 | 129 | 12:05 | 0 | - | 1.42 | 0.9 | 0.9 | 38 | -0.52 |
| SB ENERGY SIX PRIVATE LIMITED(1 * 300) | 300 | 0 | 0 | 0 | 197 | 15:10 | 0 | - | 1.4 | 1.47 | 1.47 | 61 | 0.07 |
| SJVN GREEN ENERGY LIMITED | 501 | 0 | 0 | 0 | 417 | 10:16 | 0 | - | 1.42 | 2.45 | 2.42 | 101 | 1 |
| SERENTICA RENEWABLES INDIA 4 PRIVATE LIMITED .BKN2 | 168 | 0 | 0 | 0 | 0 | - | 0 | - | 1.06 | 1.02 | 1.02 | 43 | -0.04 |
| SERENTICA RENEWABLES INDIA 5 PRIVATE LIMITED | 232 | 0 | 0 | 0 | 223 | 09:30 | 0 | - | 1.45 | 1.34 | 1.34 | 56 | -0.11 |
| SINGRAULI SOLAR(15) | 15 | 0 | 0 | 0 | 6 | 13:00 | 0 | - | 0.06 | 0.05 | 0.05 | 2 | -0.01 |
| SOLZEN URJA PRIVATE LIMITED(1 * 300) | 300 | 0 | 0 | 0 | 215 | 15:03 | 0 | - | 1.33 | 1.32 | 1.32 | 55 | -0.01 |
| TRANSITION CLEANTECH SERVICES PRIVATE LIMITED | 24 | 0 | 0 | 0 | 70 | 09:28 | 0 | - | 0.15 | 0.45 | 0.45 | 19 | 0.3 |
| TATA POWER GREEN ENERGY LIMITED | 225 | 0 | 0 | 0 | 210 | 12:04 | 0 | - | 1.57 | 1.44 | 1.44 | 60 | -0.13 |
| TATA POWER RENEWABLE ENERGY LTD(1 * 300) | 300 | 0 | 0 | 0 | 205 | 15:09 | 0 | - | 1.34 | 1.28 | 1.25 | 52 | -0.09 |
| TATA POWER SAURYA LIMITED | 110 | 0 | 0 | 0 | 77 | 09:45 | 0 | - | 0.53 | 0.5 | 0.5 | 21 | -0.03 |
| THAR SURYA IPRIVATE LIMITED(1*300) | 300 | 0 | 0 | 0 | 198 | 09:19 | 0 | - | 1.31 | 1.35 | 1.35 | 56 | 0.04 |
| TRANSITION ENERGY SERVICES PRIVATE LIMITED | 60 | 0 | 0 | 0 | 0 | - | 0 | - | 0.36 | 0.46 | 0.46 | 19 | 0.1 |
| TRANSITION GREEN ENERGY PRIVATE LIMITED | 100 | 0 | 0 | 0 | 89 | 09:28 | 0 | - | 0.6 | 0.56 | 0.56 | 23 | -0.04 |
| TRANSITION SUSTAINABLE ENERGY SERVICES PVT. LTD. | 50 | 0 | 0 | 0 | 42 | 09:29 | 0 | - | 0.3 | 0.27 | 0.27 | 11 | -0.03 |
| TRANSITION SUSTAINABLE ENERGY SERVICES ONE PVT LTD | 56 | 0 | 0 | 0 | 0 | - | 0 | - | 0.33 | 0.25 | 0.25 | 10 | -0.08 |
| UNCHAHAHAR SOLAR(10) | 10 | 0 | 0 | 0 | 6 | 13:00 | 0.119 | 06:30 | 0.04 | 0.04 | 0.04 | 2 | 0 |

| | | | | | | | | | | | | | |
|--|--------|-------|-------|-------|-----|-------|---|---|--------|--------|--------|-------|-------|
| XL XERGI POWER PRIVATE LIMITED | 400 | 0 | 0 | 0 | 262 | 10:12 | 0 | - | 1.77 | 1.82 | 1.81 | 75 | 0.04 |
| Sub-Total | 20,131 | 0 | 0 | 0 | - | - | - | - | 100.27 | 99.46 | 99.24 | 4,138 | -1.03 |
| HYBRID IPP | | | | | | | | | | | | | |
| ADANI HYBRID ENERGY JAISALMER FOUR LIMITED SOLAR(1*600) | 600 | 0 | 0 | 0 | 572 | 14:20 | 0 | - | 3.83 | 4.04 | 4.03 | 168 | 0.2 |
| ADANI HYBRID ENERGY JAISALMER FOUR LIMITED WIND(1*510) | 510 | 0 | 0 | 0 | 0 | - | 0 | - | 4.21 | 2.8 | 2.8 | 117 | -1.41 |
| ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR(1 * 235.1 + 1 * 124.8) | 360 | 0 | 0 | 0 | 359 | 10:53 | 0 | - | 2.76 | 2.71 | 2.71 | 113 | -0.05 |
| ADANI HYBRID ENERGY JAISALMER ONE LIMITED WIND(1 * 101) | 101 | 0 | 41 | 9 | 58 | 05:30 | 0 | - | 0.76 | 0.67 | 0.67 | 28 | -0.09 |
| ADANI HYBRID ENERGY JAISALMER THREE LIMITED SOLAR(1*300) | 300 | 0 | 0 | 0 | 265 | - | 0 | - | 1.84 | 1.61 | 1.61 | 67 | -0.23 |
| ADANI HYBRID ENERGY JAISALMER THREE LIMITED WIND(1*75) | 75 | 0 | 0 | 0 | 0 | - | 0 | - | 0.54 | 0.62 | 0.62 | 26 | 0.08 |
| ADANI HYBRID ENERGY JAISALMER TWO LIMITED SOLAR(1*299) | 300 | 0 | 0 | 0 | 261 | 15:15 | 0 | - | 1.81 | 1.78 | 1.78 | 74 | -0.03 |
| ADANI HYBRID ENERGY JAISALMER TWO LIMITED WIND(1*75) | 75 | 0 | 0 | 0 | 0 | - | 0 | - | 0.54 | 0.38 | 0.38 | 16 | -0.16 |
| ADANI JAISALMER ONE SEPL SOLAR(1*420) | 420 | 0 | 0 | 0 | 322 | 15:04 | 0 | - | 2.01 | 2.07 | 2.07 | 86 | 0.06 |
| ADANI JAISALMER ONE SEPL WIND(1*105) | 105 | 0 | 39 | 87 | 94 | 02:45 | 0 | - | 0.77 | 0.72 | 0.72 | 30 | -0.05 |
| Sub-Total | 2,846 | 0 | 80 | 96 | - | - | - | - | 19.07 | 17.4 | 17.39 | 725 | -1.68 |
| Total | 24,883 | 1,566 | 1,627 | 1,191 | | | | | 146.07 | 144.59 | 143.89 | 5,998 | -2.18 |

| Summary Section | | | | | | |
|---|----------------|--------|----------|------------|---------|----------|
| | Inst. Capacity | PEAK | OFF-PEAK | Day Energy | | Day AVG. |
| | | | | Gross Gen | Net Gen | |
| Total State Control Area Generation | 70,093 | 30,776 | 30,727 | 825.29 | 776.65 | 32,364 |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | 5,284 | 5,193 | 494.09 | 494.09 | 19,317 |
| Inter National Exchange with Nepal[Import (+ve)/Export (-ve)] | | 21 | 3 | 0.42 | 0.42 | 24 |
| Total Regional Availability(Gross) | 123,899 | 57,701 | 53,085 | 1,855.89 | 1,783.9 | 73,072 |

| Total Hydro Generation | | | | | | |
|--------------------------|----------------|--------|----------|------------|---------|----------|
| | Inst. Capacity | PEAK | OFF-PEAK | Day Energy | | Day AVG. |
| | | | | Gross Gen | Net Gen | |
| Regional Entities Hydro | 14,722 | 12,679 | 8,770 | 216.42 | 211.51 | 8,812 |
| State Control Area Hydro | 7,855 | 4,863 | 4,358 | 129.55 | 129.31 | 5,388 |
| Total Regional Hydro | 22,577 | 17,542 | 13,128 | 345.97 | 340.82 | 14,200 |

| Total Renewable Generation | | | | | | |
|------------------------------|----------------|------|----------|------------|---------|----------|
| | Inst. Capacity | PEAK | OFF-PEAK | Day Energy | | Day AVG. |
| | | | | Gross Gen | Net Gen | |
| Regional Entities Renewable | 23,222 | 80 | 96 | 121.33 | 121.1 | 5,049 |
| State Control Area Renewable | 15,709 | 786 | 626 | 82.21 | 82.19 | 3,426 |
| Total Regional Renewable | 38,931 | 866 | 722 | 203.54 | 203.29 | 8,475 |

| Total Solar Generation | | | | | | |
|--------------------------|----------------|------|----------|------------|---------|----------|
| | Inst. Capacity | PEAK | OFF-PEAK | Day Energy | | Day AVG. |
| | | | | Gross Gen | Net Gen | |
| Regional Entities Solar | 22,356 | 0 | 0 | 116.14 | 115.91 | 4,832 |
| State Control Area Solar | 10,665 | 52 | 56 | 62.64 | 62.64 | 2,611 |
| Total Solar | 33,021 | 52 | 56 | 178.78 | 178.55 | 7,443 |

| Total Wind Generation | | | | | | |
|-------------------------|----------------|------|----------|------------|---------|----------|
| | Inst. Capacity | PEAK | OFF-PEAK | Day Energy | | Day AVG. |
| | | | | Gross Gen | Net Gen | |
| Regional Entities Wind | 866 | 80 | 96 | 5.19 | 5.19 | 217 |
| State Control Area Wind | 4,328 | 613 | 449 | 13.82 | 13.82 | 576 |
| Total Wind | 5,194 | 693 | 545 | 19.01 | 19.01 | 793 |

4(A) INTER-REGIONAL EXCHANGES (Import=(+ve) /Export =(-ve))

| SL.No. | Element | 20:00 | 03:00 | Maximum Interchange (MW) | | Import in MU | Export in MU | NET |
|--|--------------------------------------|-------|-------|--------------------------|-------------|--------------|--------------|-------|
| | | (MW) | MW | Import (MW) | Export (MW) | | | |
| Import/Export between EAST REGION and NORTH REGION | | | | | | | | |
| 1 | 132KV Rihand - Nagar Untari | - | - | - | - | - | - | - |
| 2 | 132KV-Chandauli (UP)-Karmnasa(PG) | - | - | - | - | - | - | - |
| 3 | 132KV-Rihand (UP)-Garhwa(CG) | 27 | 24 | - | 36 | 0 | 0.53 | -0.53 |
| 4 | 132KV-Sahupuri (UP)-Karamnasa(PG) | - | - | - | - | 0 | 0 | 0 |
| 5 | 220KV-Sahupuri (UP)-Karamnasa(PG) | - | - | - | - | 2.03 | 0 | 2.03 |
| 6 | 400KV-Allahabad (PG)-Sasaram(PG) | - | - | - | - | 1.33 | 0 | 1.33 |
| 7 | 400KV-Balia (PG)-Biharsharif(PG) | - | - | - | - | 1.16 | 0 | 1.16 |
| 8 | 400KV-Balia (PG)-Naubatpur(Bihar) | - | - | - | - | 3.7 | 0 | 3.7 |
| 9 | 400KV-Balia (PG)-Patna(PG) | - | - | - | - | 13.83 | 0 | 13.83 |
| 10 | 400KV-Gorakhpur (UP)-Motihari(DMT) | - | -488 | 299 | 0 | 9.7 | 0 | 9.7 |
| 11 | 400KV-Gorakhpur (UP)-Muzaffarpur(PG) | -872 | -876 | 986 | 0 | 15.95 | 0 | 15.95 |

| Import/Export between EAST REGION and NORTH REGION | | | | | | | | |
|--|---|--------|--------|--------|------|--------|-------|--------|
| 12 | 400KV-Sahupuri (UP)-Biharsharif(PG) | - | - | - | - | 4.25 | 0 | 4.25 |
| 13 | 400KV-Varanasi (PG)-Sasaram(PG) | -36 | -64 | 70 | 0 | 1.16 | 0 | 1.16 |
| 14 | 765KV-Balia (PG)-Gaya(PG) | - | - | - | - | 16.73 | 0 | 16.73 |
| 15 | 765KV-Sasaram (PG)-Fatehpur(PG) | - | - | - | - | 3.32 | 0 | 3.32 |
| 16 | 765KV-Varanasi (PG)-Gaya(PG) | -577 | -218 | 685 | 256 | 5.72 | 0 | 5.72 |
| 17 | HVDC800KV-Agra (PG)-Alipurduar(PG) | - | - | - | - | 6.7 | 0 | 6.7 |
| Sub-Total EAST REGION | | -1,458 | -1,622 | 2,040 | 292 | 85.58 | 0.53 | 85.05 |
| Import/Export between NORTH_EAST REGION and NORTH REGION | | | | | | | | |
| 1 | HVDC800KV-Agra (PG)-Biswanath Charialli(PG) | - | - | - | - | 11.85 | 0 | 11.85 |
| Sub-Total NORTH_EAST REGION | | 0 | 0 | 0 | 0 | 11.85 | 0 | 11.85 |
| Import/Export between WEST REGION and NORTH REGION | | | | | | | | |
| 1 | 132KV-Lalitpur (UP)-Rajghat(MP) | - | - | - | - | - | - | - |
| 2 | 132KV-Sawai Madhopur (RJ)-Gwalior(MP) | - | - | - | - | - | - | - |
| 3 | 220KV-Auraiya (NT)-Malanpur(PG) | 39 | 60 | - | 46 | 0.87 | 0 | 0.87 |
| 4 | 220KV-Auraiya (NT)-Mehgaon(PG) | - | - | - | - | - | - | - |
| 5 | 220KV-Modak (RJ)-Bhanpura(MP) | 83 | 95 | 105 | - | 2.22 | 0 | 2.22 |
| 6 | 220KV-Ranpur (RS)-Bhanpura(MP) | 103 | 97 | 103 | - | 2.32 | 0 | 2.32 |
| 7 | 400KV-Bhinmal (PG)-Zerda(PG) | - | - | - | - | - | - | - |
| 8 | 400KV-Chittorgarh 765 (PG)-Neemuch (WR) | -730 | -718 | -856 | 8 | 13.19 | 0 | 13.19 |
| 9 | 400KV-Kankroli (RJ)-Zerda(PG) | - | - | - | - | 0 | 0.09 | -0.09 |
| 10 | 400KV-RAPS C (NP)-Sujalpur | 617 | 674 | 721 | - | 10.38 | 0 | 10.38 |
| 11 | 400KV-Rihand (NT)-Vindhyachal(PG) | - | - | - | - | - | - | - |
| 12 | 765KV-0rai-Gwalior (PG) | -609 | -598 | 0 | -732 | 0 | 12.1 | -12.1 |
| 13 | 765KV-0rai-Jabalpur | 3,050 | 2,901 | 3,134 | 0 | 60.21 | 0 | 60.21 |
| 14 | 765KV-0rai-Satna | 1,186 | 1,110 | 1,200 | 0 | 22.67 | 0 | 22.67 |
| 15 | 765KV-Agra (PG)-Gwalior(PG) | - | - | - | - | 60.05 | 0 | 60.05 |
| 16 | 765KV-Chittorgarh-Banaskata D/C | -177 | -437 | -784 | 111 | 8.6 | 0 | 8.6 |
| 17 | 765KV-Phagi (RJ)-Gwalior(PG) | 1,885 | 1,734 | 1,989 | -96 | 28.33 | 0 | 28.33 |
| 18 | 765KV-Varanasi (PG)-Vindhyachal(PG) | -3,706 | -3,454 | 3,791 | 0 | 75.67 | 0 | 75.67 |
| 19 | HVDC500KV-Mohindergarh (JH)-Mundra(JH) | 501 | 1,001 | 1,503 | 0 | 21.15 | 0 | 21.15 |
| 20 | HVDC500KV-Vindhyachal (PG)-Vindhaychal B/B | 500 | 350 | 500 | 0 | 9.07 | 0 | 9.07 |
| 21 | HVDC800KV-Kurukshetra (PG)(PG)-Champa(PG) | 4,000 | 4,000 | 5,500 | 0 | 94.65 | 0 | 94.65 |
| Sub-Total WEST REGION | | 6,742 | 6,815 | 16,906 | -663 | 409.38 | 12.19 | 397.19 |
| TOTAL IR EXCHANGE | | 5,284 | 5,193 | 18,946 | -371 | 506.81 | 12.72 | 494.09 |

4(B) Inter Regional Schedule & Actual Exchange (Import=(+ve) /Export =(-ve)) in MU

| | ISGS+GNA+URS schedule | T-GNA Bilateral (MW) | GDAM Schedule | DAM Schedule | RTM Schedule | Total IR Schedule | Total IR Actual | NET IR UI |
|----------------------|-----------------------|----------------------|---------------|--------------|--------------|-------------------|-----------------|-----------|
| NR-ER | 104.72 | 19.17 | 0 | 0.63 | 0 | 109.12 | 85.05 | -24.07 |
| NR-NORTH_EAST REGION | 0 | 0 | 0 | 0 | 0 | 0 | 11.85 | 11.85 |
| NR-WR | 184.04 | 78.45 | 0 | 108.45 | 0 | 361.9 | 397.19 | 35.29 |
| Total | 288.76 | 97.62 | 0 | 109.08 | 0 | 471.02 | 494.09 | 23.07 |

5.Inter National Exchange with Nepal [Import (+ve)/Export(-ve)] [Linkwise]

| Element | Peak | Off-Peak | Maximum Interchange(MW) | | Energy (MU) | | Net Energy | Schedule Energy |
|--------------------------------------|------|----------|-------------------------|--------|-------------|--------|------------|-----------------|
| | MW | MW | Import | Export | Import | Export | (MU) | (MU) |
| 132KV-Tanakpur(NH)-Mahendranagar(PG) | 21 | 3 | 59.784 | 36 | 0.55 | 0.13 | 0.42 | 0 |
| 132KV-Nautanwa (UP)-Mainhiya (Nepal) | | | | 0 | 0 | 0 | 0 | 0 |

5.Frequency Profile

| RANGE(Hz) | < 49.2 | < 49.7 | < 49.8 | < 49.9 | < 50.0 | >= 49.9 - <= 50.05 | > 50.05 - <= 50.1 | > 50.1 - <= 50.2 | > 50.2 | > 50.05 |
|-----------|--------|--------|--------|--------|--------|--------------------|-------------------|------------------|--------|---------|
| % | 0 | 0 | 0 | 6.86 | 54.32 | 76.2 | 10.42 | 5.67 | .84 | 16.93 |

<-----Frequency (Hz)----->

| Maximum | | Minimum | | Average Frequency | Freq Variation Index | Standard Deviation | Freq. in 15 mnt blk | | Freq Dev Index (% of Time) |
|-----------|----------|-----------|----------|-------------------|----------------------|--------------------|---------------------|-------|-------------------------------|
| Frequency | Time | Frequency | Time | | | | Max. | Min. | |
| 50.25 | 10:08:00 | 49.81 | 15:45:10 | 50 | 0.045 | 0.067 | 50.21 | 49.86 | 23.8 |

6.Voltage Profile: 400kV

| | Maximum | | Minimum | | Voltage (in %) | | | | Voltage Deviation Index (% of time) |
|------------------------|---------|-------|---------|-------|----------------|-------|-------|-------|--|
| | | | | | < 380 | < 390 | > 420 | > 430 | |
| Abdullapur(PG) - 400KV | 414 | 02:20 | 401 | 14:50 | 0 | 0 | 0 | 0 | 0 |
| Amritsar(PG) - 400KV | 413 | 02:25 | 394 | 14:50 | 0 | 0 | 0 | 0 | 0 |
| Ballabgarh(PG) - 400KV | 416 | 07:55 | 391 | 14:50 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | |
|-------------------------|-----|-------|-----|-------|---|------|------|---|------|
| Bareilly II(PG) - 400KV | 416 | 07:55 | 394 | 18:50 | 0 | 0 | 0 | 0 | 0 |
| Bareilly(UP) - 400KV | 417 | 07:55 | 395 | 18:50 | 0 | 0 | 0 | 0 | 0 |
| Baspa(HP) - 400KV | 408 | 00:30 | 400 | 14:45 | 0 | 0 | 0 | 0 | 0 |
| Bassi(PG) - 400KV | 419 | 07:55 | 394 | 14:50 | 0 | 0 | 0 | 0 | 0 |
| Bawana(DTL) - 400KV | 418 | 02:25 | 398 | 14:50 | 0 | 0 | 0 | 0 | 0 |
| Dadri HVDC(PG). - 400KV | 412 | 07:55 | 393 | 14:50 | 0 | 0 | 0 | 0 | 0 |
| Gorakhpur(PG) - 400KV | 415 | 07:55 | 389 | 18:50 | 0 | 3.47 | 0 | 0 | 0 |
| Hisar(PG) - 400KV | 421 | 02:25 | 390 | 14:50 | 0 | 0 | 1.74 | 0 | 1.74 |
| Kanpur(PG) - 400KV | 419 | 07:55 | 395 | 18:50 | 0 | 0 | 0 | 0 | 0 |
| Kashipur(UT) - 400KV | 417 | 07:55 | 408 | 18:45 | 0 | 0 | 0 | 0 | 0 |
| Kishenpur(PG) - 400KV | 416 | 02:25 | 402 | 14:50 | 0 | 0 | 0 | 0 | 0 |
| Moga(PG) - 400KV | 415 | 02:25 | 396 | 14:50 | 0 | 0 | 0 | 0 | 0 |
| Nallagarh(PG) - 400KV | 408 | 00:30 | 400 | 14:45 | 0 | 0 | 0 | 0 | 0 |
| Rihand HVDC(PG) - 400KV | 400 | 10:00 | 390 | 19:25 | 0 | 0 | 0 | 0 | 0 |
| Rihand(NT) - 400KV | 401 | 07:55 | 392 | 22:10 | 0 | 0 | 0 | 0 | 0 |

6.1 Voltage Profile: 765kV

| | Maximum | | Minimum | | Voltage (in %) | | | | Voltage Deviation Index |
|-------------------------|---------|-------|---------|-------|----------------|-------|-------|-------|-------------------------|
| | | | | | < 728 | < 742 | > 800 | > 820 | |
| Anta RS(RJ) - 765KV | 796 | 08:55 | 773 | 18:40 | 0 | 0 | 0 | 0 | 0 |
| Balia(PG) - 765KV | 791 | 07:55 | 744 | 18:50 | 0 | 0 | 0 | 0 | 0 |
| Bareilly II(PG) - 765KV | 796 | 07:55 | 751 | 18:50 | 0 | 0 | 0 | 0 | 0 |
| Bhiwani(PG) - 765KV | 804 | 02:10 | 753 | 14:50 | 0 | 0 | 3.13 | 0 | 3.13 |
| Fatehpur(PG) - 765KV | 802 | 07:55 | 740 | 18:25 | 0 | 1.74 | .69 | 0 | .69 |
| Jhatikara(PG) - 765KV | 795 | 02:25 | 751 | 14:50 | 0 | 0 | 0 | 0 | 0 |
| Lucknow II(PG) - 765KV | 796 | 07:55 | 747 | 18:50 | 0 | 0 | 0 | 0 | 0 |
| Meerut(PG) - 765KV | 796 | 07:55 | 752 | 14:50 | 0 | 0 | 0 | 0 | 0 |
| Moga(PG) - 765KV | 801 | 02:25 | 748 | 14:50 | 0 | 0 | 2.08 | 0 | 2.08 |
| Phagi(RJ) - 765KV | 798 | 02:25 | 763 | 14:50 | 0 | 0 | 0 | 0 | 0 |
| Unnao(UP) - 765KV | 786 | 07:55 | 743 | 18:50 | 0 | 0 | 0 | 0 | 0 |

7(A). Short-Term Open Access Details:

| State | Off- Peak Hours (03:00) | | | | | | | Peak Hours (20:00) | | | | | | |
|----------------------|-------------------------|---------------|--------------|--------------|----------------|---------------|--------------|--------------------|---------------|--------------|--------------|----------------|---------------|--------------|
| | T-GNA Bilateral (MW) | IEX GDAM (MW) | IEX DAM (MW) | IEX RTM (MW) | PXIL GDAM (MW) | PXIL DAM (MW) | PXI RTM (MW) | Bilateral (MW) | IEX GDAM (MW) | IEX DAM (MW) | IEX RTM (MW) | PXIL GDAM (MW) | PXIL DAM (MW) | PXI RTM (MW) |
| PUNJAB | 982.1 | 0 | 0 | 193.34 | 0 | 0 | 0 | 1,347.3 | 0 | 0 | 0 | 0 | 0 | 0 |
| HARYANA | 2,245.15 | 32.19 | 4.74 | 459.18 | 0 | 0 | 0 | 2,577.74 | 0 | -413.62 | -350 | 0 | 0 | 0 |
| RAJASTHAN | 866.93 | -24.27 | 36.6 | 580.02 | 0 | 0 | 0 | 909.14 | -18.4 | 46.2 | 290.01 | 0 | 0 | 0 |
| DELHI | 707.08 | 0.77 | 555.52 | 446.92 | 0 | 0 | 0 | 653.42 | 0 | 377.01 | 166.41 | 0 | 0 | 0 |
| UTTAR PRADESH | 244.51 | 306.33 | 1,356.15 | 477.65 | 0 | 0 | 0 | 1,814.42 | 294.97 | 3,607.21 | 628.84 | 0 | 0 | 0 |
| UTTARAKHA .. | -245 | -12.2 | 343.08 | 58 | 0 | 0 | 0 | -245 | -12.2 | 154.77 | -43.94 | 0 | 0 | 0 |
| HIMACHAL PRADESH | -17.28 | -78.9 | 45.48 | -8.88 | 0 | 0 | 0 | -18.39 | -78.7 | 30.03 | -73.97 | 0 | 0 | 0 |
| J&K(UT) & LADAKH(UT) | -300 | 0 | 0 | -633.5 | 0 | 0 | 0 | -313 | -48.3 | -14.4 | 0 | 0 | 0 | 0 |
| CHANDIGARH | 39.83 | 0 | -75 | 0 | 0 | 0 | 0 | 58.57 | 0 | -135 | 9.67 | 0 | 0 | 0 |
| RAILWAYS_NRISTS | 36.21 | 0 | 22.23 | 0 | 0 | 0 | 0 | 36.21 | 0 | 22.23 | 0 | 0 | 0 | 0 |
| TOTAL | 4,559.53 | 223.92 | 2,288.8 | 1,572.73 | 0 | 0 | 0 | 6,820.41 | 137.37 | 3,674.43 | 627.02 | 0 | 0 | 0 |

| State | Day Energy (MU) | | | | | |
|----------------------|-----------------|----------------------|---------------|--------------|--------------|------------|
| | GNA schedule | T-GNA Bilateral (MW) | GDAM Schedule | DAM Schedule | RTM Schedule | Total (MU) |
| PUNJAB | 120.43 | 27.02 | 2.49 | 6.04 | 36.22 | 192.2 |
| HARYANA | 141.71 | 59.66 | 1.15 | -1.14 | -2.03 | 199.35 |
| RAJASTHAN | 92.98 | 18.73 | -0.5 | 0.85 | 11.35 | 123.41 |
| DELHI | 92.34 | 16.16 | 0.4 | 12.34 | 10.83 | 132.07 |
| UTTAR PRADESH | 205.62 | 11.11 | 4.17 | 30.54 | 12.84 | 265.22 |
| UTTARAKHAND | 25.37 | -5.51 | 0.05 | 4.7 | 0.91 | 25.52 |
| HIMACHAL PRADESH | 9.54 | -3.56 | -1.38 | 1.96 | 0 | 6.56 |
| J&K(UT) & LADAKH(UT) | 38.76 | -3.06 | -0.27 | -0.12 | -3.78 | 31.53 |
| CHANDIGARH | 6.24 | 0.81 | 0 | -1.35 | 0.27 | 5.97 |
| RAILWAYS_NR ISTS | 2.73 | 0.87 | 0 | 0.35 | 0.02 | 3.97 |
| TOTAL | 735.72 | 122.23 | 6.11 | 54.17 | 66.63 | 985.8 |

7(B). Short-Term Open Access Details

| State | GNA schedule | | T-GNA Bilateral (MW) | | IEX GDAM (MW) | | PXIL GDAM(MW) | |
|----------------------|--------------|----------|----------------------|----------|---------------|---------|---------------|---------|
| | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum |
| PUNJAB | 5,315.64 | 4,399.95 | 1,441.28 | 982.1 | 435.02 | 0 | 0 | 0 |
| HARYANA | 6,602.44 | 5,077.49 | 2,717.15 | 2,240.86 | 96.96 | 0 | 0 | 0 |
| RAJASTHAN | 4,846.95 | 2,442.78 | 979.07 | 533.46 | -9.57 | -28.67 | 0 | 0 |
| DELHI | 4,705 | 3,159.95 | 797.46 | 497.52 | 205.03 | 0 | 0 | 0 |
| UTTAR PRADESH | 9,960.46 | 7,040.11 | 1,814.85 | -45.5 | 337.75 | -0.4 | 3.38 | 0 |
| UTTARAKHAND | 1,408.41 | 805.96 | -202.46 | -245 | 18.93 | -12.2 | 0 | 0 |
| HIMACHAL PRADESH | 951.84 | 69.41 | 13.38 | -463.62 | 18.98 | -78.9 | 0 | 0 |
| J&K(UT) & Ladakh(UT) | 1,871.72 | 1,494.33 | 0 | -313 | 0 | -48.3 | 0 | 0 |
| CHANDIGARH | 366.1 | 193.53 | 58.57 | 0 | 0 | 0 | 0 | 0 |
| RAILWAYS_NR ISTS | 130.6 | 101.73 | 36.21 | 36.21 | 0 | 0 | 0 | 0 |

| State | IEX DAM (MW) | | PXI DAM(MW) | | IEX RTM (MW) | | PXI RTM (MW) | |
|----------------------|--------------|-----------|-------------|---------|--------------|---------|--------------|---------|
| | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum |
| PUNJAB | 870.03 | 0 | 0 | 0 | 3,190.11 | 0 | 0 | 0 |
| HARYANA | 12.66 | -1,304.08 | 0 | 0 | 773.36 | -950 | 0 | 0 |
| RAJASTHAN | 53.96 | -16.92 | 0 | 0 | 1,899.37 | -924.76 | 0 | 0 |
| DELHI | 1,201.28 | 55.1 | 0 | 0 | 927.07 | 72.6 | 0 | 0 |
| UTTAR PRADESH | 4,090.95 | 244.38 | 0 | 0 | 3,671.82 | -576.48 | 0 | 0 |
| UTTARAKHAND | 480.74 | 36.93 | 0 | 0 | 264.78 | -159.59 | 0 | 0 |
| HIMACHAL PRADESH | 220.99 | 4.07 | 0 | 0 | 230.76 | -99.37 | 0 | 0 |
| J&K(UT) & LADAKH(UT) | 0 | -14.4 | 0 | 0 | 145 | -643.1 | 0 | 0 |
| CHANDIGARH | 33.83 | -150 | 0 | 0 | 46.4 | -47 | 0 | 0 |
| RAILWAYS_NR ISTS | 22.23 | 0 | 0 | 0 | 22.23 | 0 | 0 | 0 |

8.Major Reservoir Particulars

| RESERVOIR | Parameters | | | Present Parameters | | LAST YEAR | | LAST DAY | |
|---------------|------------|-----------|-----------------------|--------------------|-------------|-------------|-------------|---------------|--------------|
| | MDDL (Mts) | FRL (Mts) | Energy Content at FRL | Level (Mts) | Energy (MU) | Level (Mts) | Energy (MU) | Inflow (m3/s) | Usage (m3/s) |
| Bhakra | 445.62 | 513.59 | 1,728.8 | 510.25 | 1,560 | 502.41 | 1,193 | 712.65 | 866.86 |
| Chamera-I | 748.75 | 760 | 753.95 | 755.4 | 9 | - | - | 167.12 | 247.6 |
| Gandhisagar | 381 | 399.9 | 725 | - | - | - | - | - | 0 |
| Jawahar Sagar | 295.96 | 298.7 | 2.01 | - | - | - | - | - | 0 |
| Koteshwar | 598.5 | 612.5 | 610.73 | 609.5 | 5 | 610.85 | 5 | 207.1 | 209.6 |
| Pong | 384.05 | 426.72 | 1,084 | 423.56 | 1,066 | 415.66 | 706 | 290.19 | 484.5 |
| RPS | 343.81 | 352.81 | 175.66 | - | - | - | - | - | 0 |
| RSD | 487.91 | 527.91 | 390.3 | 524.48 | 351 | 498.24 | 82 | 236.88 | 2.87 |
| Rihand | 252.98 | 268.22 | 860.5 | - | - | - | - | - | 0 |
| Tehri | 740.04 | 830 | 1,164.11 | 829.04 | 1,140 | 829.21 | 1,147 | 307.95 | 216 |
| TOTAL | - | - | - | - | 4,131 | - | 3,133 | 1,921.89 | 2,027.43 |

9. System Reliability Indices(Violation of TTC and ATC):

(i)%age of times N-1 Criteria was violated in the inter and intra regional corridors

| | |
|--------------|---|
| WR | 0 |
| ER | 0 |
| Simultaneous | 0 |
| Delhi | 0 |
| Rajasthan | 0 |
| UP | 0 |
| Punjab | 0 |
| Haryana | 0 |

ii)%age of times ATC violated on the inter and intra regional corridors

| | |
|--------------|------|
| WR | 0 |
| ER | 0 |
| Simultaneous | 7.99 |
| Delhi | 0 |
| Rajasthan | 8.68 |
| UP | 0 |
| Punjab | 0 |

| | |
|---------|---|
| Haryana | 0 |
|---------|---|

iii)%age of times Angular Difference on Important Buses was beyond permissible limits(40 deg.)

| | |
|--------------|---|
| Rihand-Dadri | 0 |
|--------------|---|

10. Zero Crossing Violations

| State | No. of violations(Maximum 15 in a day) | Maximum number of continuous blocks without sign change |
|----------------------|--|---|
| CHANDIGARH | 0 | 0 |
| DELHI | 0 | 0 |
| HARYANA | 2 | 17 |
| HIMACHAL PRADESH | 3 | 13 |
| J&K(UT) & Ladakh(UT) | 15 | 96 |
| PUNJAB | 6 | 11 |
| RAJASTHAN | 5 | 11 |
| UTTAR PRADESH | 0 | 0 |
| UTTARAKHAND | 0 | 0 |

11. NCR's and Ladakh Power Supply Position(based on SCADA data)

| | Inst Capacity | 20:00 | 03:00 | Day Peak | | | |
|----------------------|---------------|---------|-------------|----------|----------|--------|--------|
| Station/Constituents | (MW) | Peak MW | Off Peak MW | MW | HRS | Net MU | AVG MW |
| NCR_GENERATION | 9225 | 3,531 | 3,297 | 4435 | 23:00:00 | 83.33 | 3,472 |
| NCR_DRAWAL | - | 15,443 | 14,358 | 16109 | 21:45:00 | 329.07 | 13,711 |
| NCR_DEMAND | - | 18,974 | 17,655 | 20133 | 22:15:00 | 412.39 | 17,183 |
| LADAKH_DEMAND | - | 9 | -9 | 11 | 19:15:00 | -0.04 | -2 |

12. RE/Load Curtailment details

| State | Load Curtailment (Shortage) | | | RE Curtailment | | | | |
|----------------------|-----------------------------|---------|-------------------------------|----------------|------------|--------|------------|--------|
| | Energy | Maximum | At the time of maximum demand | Wind | | Solar | | Reason |
| | MU | MW | MW | Max MW | Energy(MU) | Max MW | Energy(MU) | |
| CHANDIGARH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| DELHI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HARYANA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HIMACHAL PRADESH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| J&K(UT) & Ladakh(UT) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PUNJAB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| RAILWAYS_NR ISTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| RAJASTHAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| UTTAR PRADESH | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| UTTARAKHAND | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

13.Grid Disturbance / Any Other Significant Event:

14.Weather Conditions :

15.Synchronisation of new generating units :

16.Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :

17.Instances of persistent/significant non-complaint with the grid code

18.Constraints and instances of congestion in the transmission system

19.Remarks :

No Records Found

Note: Data(regarding drawal,generation, shortage , inter-regional flows and reservoir levels)of the constituents filled in the report are as per last furnished data by the respective state/constituent to NRLDC.
*Unscheduled Load Shedding carried out by Uttar Pradesh.

Shift In Charge