

| | | | | | | |
|---|--|--------------|--------------|----------------|----------------|--------------|
| | Thermal (Total) | 6560 | 2684 | 2684 | 63.78 | 2658 |
| | Total Hydro | 1000 | 894 | 878 | 21.16 | 882 |
| | Wind Power | 0 | 0 | 0 | 0.00 | 0 |
| | Biomass | 303 | 0 | 0 | 0.14 | 6 |
| | Solar | 859 | 0 | 0 | 0.07 | 3 |
| | Renewable(Total) | 1162 | 0 | 0 | 0.21 | 9 |
| | Total Punjab | 8722 | 3578 | 3562 | 85.15 | 3548 |
| Haryana | Panipat TPS (2*210+2*250) | 920 | 378 | 363 | 9.03 | 376 |
| | DCRTPP (Yamuna nagar) (2*300) | 600 | 232 | 208 | 5.15 | 214 |
| | Faridabad GPS (NTPC)(2*137.75+1*156) | 432 | 0 | 183 | 0.95 | 40 |
| | RGTPP (khedar) (IPP) (2*600) | 1200 | 450 | 378 | 9.52 | 397 |
| | Magnum Diesel (IPP) | 25 | 0 | 0 | 0.00 | 0 |
| | Jhajjar (CLP) (2*660) | 1320 | 1040 | 1173 | 24.73 | 1030 |
| | Thermal (Total) | 4497 | 2100 | 2305 | 49.38 | 2058 |
| | Total Hydro | 62 | 36 | 35 | 0.85 | 36 |
| | Wind Power | 0 | 0 | 0 | 0.00 | 0 |
| | Biomass | 106 | 0 | 0 | 0.00 | 0 |
| | Solar | 50 | 0 | 0 | 0.00 | 0 |
| | Renewable(Total) | 156 | 0 | 0 | 0.00 | 0 |
| | Total Haryana | 4715 | 2136 | 2340 | 50.23 | 2093 |
| Rajasthan | kota TPS (2*110+2*195+3*210) | 1240 | 1008 | 923 | 22.41 | 934 |
| | suratgarh TPS (6*250) | 1500 | 706 | 716 | 17.19 | 716 |
| | Chabra TPS (4*250) | 1000 | 436 | 435 | 9.82 | 409 |
| | Chabra TPS (1*660) | 660 | 0 | 0 | 0.00 | 0 |
| | Dholpur GPS (3*110) | 330 | 0 | 0 | 0.00 | 0 |
| | Ramgarh GPS(1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50) | 271 | 171 | 172 | 4.50 | 188 |
| | RAPS A (NPC) (1*100+1*200) | 300 | 172 | 174 | 4.43 | 184 |
| | Barsingar (NLC) (2*125) | 250 | 196 | 111 | 3.58 | 149 |
| | Giral LTPS (2*125) | 250 | 0 | 0 | 0.00 | 0 |
| | Rajwst LTPS (IPP) (8*135) | 1080 | 782 | 773 | 14.83 | 618 |
| | VS LIGNITE LTPS (IPP) (1*135) | 135 | 0 | 0 | 0.00 | 0 |
| | Kalisindh Thermal(2*600) | 1200 | 978 | 962 | 20.40 | 850 |
| | Kawai(Adani) (2*660) | 1320 | 605 | 618 | 13.09 | 545 |
| | Thermal (Total) | 9536 | 5054 | 4884 | 110.24 | 4594 |
| | Total Hydro | 550 | 115 | 47 | 1.68 | 70 |
| | Wind power | 4292 | 284 | 207 | 6.27 | 261 |
| | Biomass | 102 | 24 | 24 | 0.57 | 24 |
| | Solar | 1995 | 0 | 0 | 2.64 | 110 |
| | Renewable/Others (Total) | 6389 | 308 | 231 | 9.48 | 395 |
| | Total Rajasthan | 16475 | 5477 | 5162 | 121.40 | 5059 |
| UP | Anpara TPS (3*210+2*500) | 1630 | 723 | 730 | 17.35 | 723 |
| | Obra TPS (2*50+2*94+5*200) | 1194 | 391 | 289 | 8.29 | 346 |
| | Paricha TPS (2*110+2*220+2*250) | 1160 | 579 | 595 | 15.03 | 626 |
| | Panki TPS (2*105) | 210 | 0 | 0 | 0.00 | 0 |
| | Harduaganj TPS (1*60+1*105+2*250) | 665 | 320 | 318 | 8.01 | 334 |
| | Tanda TPS (NTPC) (4*110) | 440 | 391 | 300 | 8.17 | 340 |
| | Roza TPS (IPP) (4*300) | 1200 | 651 | 573 | 15.39 | 641 |
| | Anpara-C (IPP) (2*600) | 1200 | 1019 | 1046 | 24.55 | 1023 |
| | Bajaj Energy Pvt.Ltd(IPP) TPS (10*45) | 450 | 0 | 0 | 0.00 | 0 |
| | Anpara-D(2*500) | 1000 | 452 | 453 | 10.51 | 438 |
| | Lalitpur TPS(3*660) | 1980 | 1821 | 1854 | 30.42 | 1268 |
| | Bara(2*660) | 1320 | 603 | 606 | 13.73 | 572 |
| | Thermal (Total) | 12449 | 6950 | 6764 | 151.45 | 6310 |
| | Vishnuparyag HPS (IPP)(4*110) | 440 | 435 | 435 | 10.47 | 436 |
| | Alaknanda(4*82.5) | 330 | 342 | 342 | 8.22 | 342 |
| | Other Hydro | 527 | 300 | 300 | 5.21 | 217 |
| | Cogeneration | 981 | 30 | 30 | 0.72 | 30 |
| | Wind Power | 0 | 0 | 0 | 0.00 | 0 |
| | Biomass | 26 | 0 | 0 | 0.00 | 0 |
| | Solar | 102 | 0 | 0 | 0.00 | 0 |
| Renewable(Total) | 128 | 0 | 0 | 0.00 | 0 | |
| Total UP | 14855 | 8057 | 7871 | 176.07 | 7336 | |
| Uttarakhand | Other Hydro | 1250 | 842 | 864 | 17.01 | 709 |
| | Total Gas | 225 | 286 | 289 | 6.81 | 284 |
| | Wind Power | 0 | 0 | 0 | 0.00 | 0 |
| | Biomass | 127 | 0 | 0 | 0.00 | 0 |
| | Solar | 100 | 0 | 0 | 0.75 | 31 |
| | Small Hydro (< 25 MW) | 180 | 0 | 0 | 0.00 | 0 |
| | Renewable(Total) | 407 | 0 | 0 | 0.75 | 31 |
| | Total Uttarakhand | 1882 | 1128 | 1153 | 24.56 | 1023 |
| Delhi | Raighat TPS (2*67.5) | 135 | 0 | 0 | 0.00 | 0 |
| | Delhi Gas Turbine (6x30 + 3x34) | 282 | 38 | 38 | 0.89 | 37 |
| | Pragati Gas Turbine (2x104+ 1x122) | 330 | 261 | 258 | 6.39 | 266 |
| | Rithala GPS (3*36) | 95 | 0 | 0 | 0.00 | 0 |
| | Bawana GPS (4*216+2*253) | 1370 | 429 | 429 | 10.38 | 433 |
| | Badarpur TPS (NTPC) (3*95+2*210) | 705 | 323 | 329 | 7.02 | 292 |
| | Thermal (Total) | 2917 | 1051 | 1054 | 24.68 | 1028 |
| | Wind Power | 0 | 0 | 0 | 0.00 | 0 |
| | Biomass | 16 | 0 | 0 | 0.00 | 0 |
| | Solar | 2 | 0 | 0 | 0.00 | 0 |
| Renewable(Total) | 18 | 0 | 0 | 0.00 | 0 | |
| Total Delhi | 2935 | 1051 | 1054 | 24.68 | 1028 | |
| HP | Baspa HPS (IPP) (3*100) | 300 | 320 | 320 | 7.30 | 304 |
| | Malana HPS (IPP) (2*43) | 86 | 83 | 76 | 1.69 | 70 |
| | Other Hydro (>25MW) | 372 | 365 | 341 | 8.21 | 342 |
| | Wind Power | 0 | 0 | 0 | 0.00 | 0 |
| | Biomass | 0 | 0 | 0 | 0.00 | 0 |
| | Solar | 0 | 0 | 0 | 0.00 | 0 |
| | Small Hydro (< 25 MW) | 486 | 285 | 292 | 6.80 | 283 |
| | Renewable(Total) | 486 | 285 | 292 | 6.80 | 283 |
| Total HP | 1244 | 1053 | 1029 | 24.00 | 1000 | |
| J & K | Baqilhar HPS (IPP) (3*150+3*150) | 900 | 882 | 883 | 21.18 | 883 |
| | Other Hydro/IPP(including 98 MW Small Hydro) | 308 | 200 | 200 | 4.81 | 201 |
| | Gas/Diesel/Others | 190 | 0 | 0 | 0.00 | 0 |
| | Wind Power | 0 | 0 | 0 | 0.00 | 0 |
| | Biomass | 0 | 0 | 0 | 0.00 | 0 |
| | Solar | 0 | 0 | 0 | 0.00 | 0 |
| | Small Hydro (< 25 MW)Included in Other Hydro Above | 98 | 0 | 0 | 0.00 | 0 |
| | Renewable(Total) | 98 | 0 | 0 | 0.00 | 0 |
| Total J & K | 1398 | 1082 | 1083 | 26 | 1083 | |
| Total State Control Area Generation | | 52226 | 23562 | 23254 | 532.09 | 22170 |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | | 7751 | 9210.73 | 196.65 | 8194 |
| Total Regional Availability(Gross) | | 77963 | 52822 | 49051 | 1133.00 | 47208 |

IV. Total Hydro Generation:

| | | | | | |
|-----------------------------|--------------|--------------|--------------|---------------|--------------|
| Regional Entities Hydro | 12234 | 11710 | 8042 | 209.65 | 8678 |
| State Control Area Hydro | 7243 | 5385 | 5302 | 107.79 | 5089 |
| Total Regional Hydro | 19477 | 17096 | 13344 | 317.44 | 13767 |

V. Total Renewable Generation:

| | | | | | |
|---------------------------------|-------------|------------|------------|--------------|------------|
| Regional Entities Renewable | 30 | 0 | 0 | 0.06 | 3 |
| State Control Area Renewable | 8844 | 593 | 523 | 17.24 | 718 |
| Total Regional Renewable | 8874 | 593 | 523 | 17.30 | 721 |

VI(A). Inter Regional Exchange [Import (+ve)/Export (-ve)] [Linkwise]

| Element | Peak(20:00 Hrs) MW | Off Peak(03:00 Hrs) MW | Maximum Interchange (MW) | | Energy (MU) | | Net Energy MU |
|--|-----------------------|---------------------------|--------------------------|--------|---------------|--------------|------------------|
| | | | Import | Export | Import | Export | |
| Vindhychal(HVDC B/B) | -500 | -500 | 0 | 500 | 0.00 | 12.23 | -12.23 |
| 765 KV Gwalior-Agra (D/C) | 2247 | 2435 | 2435 | 0 | 49.02 | 0.00 | 49.02 |
| 400 KV Zerda-Kankroli | -55 | -44 | 36 | 114 | 0.00 | 0.82 | -0.82 |
| 400 KV Zerda-Bhinmal | -52 | 59 | 195 | 114 | 0.98 | 0.00 | 0.98 |
| 220 KV Auraiya-Malanpur | -19 | -19 | 0 | 27 | 0.00 | 0.27 | -0.27 |
| 220 KV Badod-Kota/Morak | -60 | -12 | 49 | 68 | 0.00 | 0.24 | -0.24 |
| Mundra-Mohindergarh(HVDC Bipole) | 2002 | 2002 | 2005 | 0 | 37.89 | 0.00 | 37.89 |
| 400 KV RAPP-Subalpur | 116 | 237 | 267 | 5 | 4.29 | 0.00 | 4.29 |
| 400 KV Vindhychal-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| 765 kV Phagi-Gwalior (D/C) | 724 | 929 | 543 | 0 | 22.44 | 0.00 | 22.44 |
| +/- 800 kV HVDC Champa-Kurushetra | 1500 | 1500 | 1500 | 0 | 34.38 | 0 | 34.38 |
| Sub Total WR | 5903 | 6587 | | | 149.00 | 13.57 | 135.44 |
| 400 kV Sasaram - Varanasi | 174 | 165 | 186 | 0 | 4.03 | 0.00 | 4.03 |
| 400 kV Sasaram - Allahabad | 17 | 29 | 46 | 0 | 0.65 | 0.00 | 0.65 |
| 400 KV MZP- GKP (D/C) | 409 | 580 | 698 | 0 | 13.44 | 0.00 | 13.44 |
| 400 KV Patna-Balia(D/C) X 2 | 640 | 793 | 897 | 0 | 17.70 | 0.00 | 17.70 |
| 400 KV B Sharif-Balia (D/C) | 134 | 209 | 272 | 0 | 5.22 | 0.00 | 5.22 |
| 765 KV Gaya-Balia | 254 | 320 | 320 | 0 | 5.93 | 0.00 | 5.93 |
| 765 KV Gaya-Varanasi (D/C) | 210 | 332 | 369 | 369 | 6.54 | 0.00 | 6.54 |
| 220 KV Pusauli-Sahupuri | 100 | 231 | 120 | 0 | 2.46 | 0.00 | 2.46 |
| 132 KV K'nasa-Sahupuri | 0 | 0 | 0 | 0 | 0.96 | 0.00 | 0.96 |
| 132 KV Son Ngr-Rihand | -24 | -20 | 0 | 30 | 0.00 | 0.44 | -0.44 |
| 132 KV Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| 765 KV Sasaram - Fatehpur | -170 | -111 | 74 | 170 | 0.00 | 0.88 | -0.88 |
| 400 KV Barh -GKP (D/C) | -158 | -192 | 0 | 184 | 0.00 | 3.04 | -3.04 |
| 400 kV B Sharif - Varanasi (D/C) | -38 | -13 | 66 | 127 | 0.00 | 0.88 | -0.88 |
| +/- 800 KV HVDC Alipurduar-Agra | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Sub Total ER | 1548 | 2323 | | | 56.91 | 5.24 | 51.67 |
| +/- 800 KV HVDC BiswanathChariali-Agra | 300 | 300 | 800 | 0.00 | 9.54 | 0.00 | 9.54 |
| Sub Total NER | 300 | 300 | | | 9.54 | 0.00 | 9.54 |
| Total IR Exch | 7751 | 9211 | | | 215.46 | 18.81 | 196.65 |

VI(B). Inter Regional Schedule & Actual Exchanges [Import (+ve)/Export (-ve)] [Corridor wise]

| ISGS/LT Schedule (MU) | | | Bilateral Schedule (MU) | | Power Exchange Shdl (MU) | | Wheeling (MU) | |
|-----------------------|--------|-------|-------------------------|------------|--------------------------|------------|---------------|------------|
| ER | Bhutan | Total | Through ER | Through WR | Through ER | Through WR | Through ER | Through WR |
| 36.59 | 3.64 | 40.22 | 18.24 | 14.30 | -6.08 | 5.20 | 0.00 | 0.00 |

| Total IR Schedule (MU) | | | Total IR Actual (MU) | | | Net IR UI (MU) | | |
|------------------------|-------------------------|--------|---------------------------|------------|--------|----------------------------|------------|-------|
| Through ER | Through WR Inclds Mndra | Total | Through ER(including NER) | Through WR | Total | Through ER (including NER) | Through WR | Total |
| 52.38 | 151.77 | 204.15 | 61.21 | 135.44 | 196.65 | 8.83 | -16.33 | -7.51 |

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

| Element | Peak(20:00 Hrs) MW | Off Peak(03:00 Hrs) MW | Maximum Interchange (MW) | | Energy (MU) | | Net Energy MU |
|---------------------------------|-----------------------|---------------------------|--------------------------|--------|-------------|--------|------------------|
| | | | Import | Export | Import | Export | |
| 132 KV Tanakpur - Mahendarnagar | -11 | 0 | 0 | 29 | 0 | 0 | -0.42 |

VII. Frequency Profile <----- % of Time Frequency ----->

| <49.2 | <49.7 | <49.8 | <49.9 | <50.0 | 49.9-50.05 | 50.05-50.10 | 50.10-50.20 | >50.20 | >50.50 |
|-------|-------|-------|-------|-------|------------|-------------|-------------|--------|--------|
| 0.00 | 0.00 | 0.00 | 1.99 | 50.73 | 85.88 | 10.76 | 1.90 | 0.00 | 0.00 |

| Frequency (Hz) | | | | Average Frequency | Frequency Variation Index | Std. Dev. | Frequency in 15 Min Block | | Freq Dev Index (% of Time) |
|----------------|-------|---------|------|-------------------|---------------------------|-----------|---------------------------|----------|----------------------------|
| Maximum | | Minimum | | | | | MAX (Hz) | MIN (Hz) | |
| 50.16 | 19.58 | 49.84 | 2.35 | 50.00 | 0.023 | 0.048 | 50.10 | 49.90 | 14.12 |

VIII(A). Voltage profile 400 kV

| Station | Voltage Level (kV) | Maximum | | Minimum | | Voltage (in % of Time) | | | | Voltage Deviat |
|-------------------|--------------------|-------------|-------|--------------|-------|------------------------|---------|---------|---------|----------------|
| | | Voltage(KV) | Time | Voltage (KV) | Time | <380 kV | <390 kV | >420 kV | >430 kV | |
| Rihand | 400 | 408 | 13:44 | 399 | 20:42 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gorakhpur | 400 | 421 | 13:46 | 389 | 18:54 | 0.0 | 0.1 | 0.2 | 0.0 | 0.2 |
| Bareilly(PG)400kV | 400 | 418 | 6:01 | 398 | 19:03 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kanpur | 400 | 419 | 6:02 | 402 | 22:11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dadri | 400 | 416 | 6:01 | 399 | 19:15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ballabgarh | 400 | 420 | 6:02 | 399 | 22:10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bawana | 400 | 412 | 5:59 | 395 | 19:28 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bassi | 400 | 422 | 4:02 | 400 | 22:16 | 0.0 | 0.0 | 0.5 | 0.0 | 0.5 |
| Hissar | 400 | 412 | 5:28 | 397 | 19:26 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 400 | 413 | 6:02 | 399 | 19:18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Abdullapur | 400 | 413 | 5:26 | 398 | 19:18 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Nalagarh | 400 | 416 | 6:04 | 405 | 19:22 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kishenpur | 400 | 416 | 3:17 | 402 | 20:26 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| Wagoora | 400 | 412 | 3:16 | 383 | 19:49 | 0.0 | 21.4 | 0.0 | 0.0 | 0.0 |
| Amritsar | 400 | 417 | 7:03 | 403 | 19:23 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Kashipur | 400 | 0 | 0:00 | 0 | 0:00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Hamirpur | 400 | 415 | 6:59 | 403 | 19:25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Rishikesh | 400 | 420 | 6:02 | 395 | 19:16 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

VIII(B). Voltage profile 765 kV

| Station | Voltage Level (kV) | Maximum | | Minimum | | Voltage (in % of Time) | | | | Voltage Deviat |
|----------|--------------------|-------------|------|--------------|-------|------------------------|---------|---------|---------|----------------|
| | | Voltage(KV) | Time | Voltage (KV) | Time | <728 kV | <742 kV | >800 kV | >820 kV | |
| Fatehpur | 765 | 784 | 4:01 | 750 | 22:09 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Balia | 765 | 789 | 6:30 | 755 | 20:43 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Moga | 765 | 0 | 0:00 | 0 | 0:00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Agra | 765 | 792 | 6:01 | 760 | 22:34 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bhiwani | 765 | 801 | 6:02 | 773 | 22:04 | 0.0 | 0.0 | 2.9 | 0.0 | 2.9 |

| | | | | | | | | | | |
|-----------------|-----|-----|-------|-----|-------|-----|-----|-----|-----|-----|
| Unnao | 765 | 773 | 13:34 | 742 | 22:06 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Lucknow | 765 | 792 | 6:30 | 756 | 22:10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Meerut | 765 | 806 | 6:02 | 761 | 19:16 | 0.0 | 0.0 | 2.6 | 0.0 | 2.6 |
| Jhatikara | 765 | 799 | 6:02 | 766 | 22:32 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bareilly 765 kV | 765 | 797 | 6:30 | 761 | 19:04 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Anta | 765 | 787 | 6:05 | 766 | 22:11 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Phagi | 765 | 795 | 4:01 | 768 | 22:12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Note : *0" in Max / Min Col -> Telemetry Outage

IX. Reservoir Parameters:

| Name of Reservoir | Parameters | | Present Parameters | | Last Year | | Last day | |
|-------------------|------------|----------|--------------------|-------------|-----------|-------------|----------------------------|---------------------------|
| | FRL (m) | MDDL (m) | Level (m) | Energy (MU) | Level (m) | Energy (MU) | Inflow (m ³ /s) | Usage (m ³ /s) |
| Bhakra | 513.59 | 445.62 | 508.55 | 1470.42 | 499.78 | 1088.42 | 947.57 | 605.89 |
| Pong | 426.72 | 384.05 | 420.83 | 931.43 | 416.03 | 718.14 | 443.41 | 350.76 |
| Tehri | 829.79 | 740.04 | 814.60 | 894.26 | 815.95 | 922.25 | 309.31 | 181.00 |
| Koteshwar | 612.50 | 598.50 | 610.51 | 4.82 | 610.75 | 4.95 | 181.00 | 184.08 |
| Chamera-I | 760.00 | 748.75 | 753.90 | 0.00 | 0.00 | 0.00 | 197.43 | 217.66 |
| Rihand | 268.22 | 252.98 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RPS | 352.80 | 343.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Jawahar Sagar | 298.70 | 295.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RSD | 527.91 | 487.91 | 520.70 | 10.05 | 520.63 | 4.03 | 264.58 | 404.48 |

* NA: Not Available

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

| State | Off- Peak Hours (03:00 Hrs) | | | Peak Hours (20:00 Hrs) | | | Day Energy (MU) | | |
|-------------|-----------------------------|----------|-----------|------------------------|----------|-----------|-----------------|-----------------|------------|
| | Bilateral (MW) | IEX (MW) | PXIL (MW) | Bilateral (MW) | IEX (MW) | PXIL (MW) | Bilateral (MU) | IEX / PXIL (MU) | Total (MU) |
| Punjab | 1516 | 0 | 0 | 1328 | -302 | 0 | 35.72 | -1.65 | 34.07 |
| Delhi | 619 | -45 | 0 | 678 | -366 | 0 | 16.85 | -5.36 | 11.50 |
| Haryana | 1273 | 144 | 0 | 1145 | 26 | 0 | 24.56 | 2.75 | 27.30 |
| HP | -1330 | -248 | 0 | -1342 | -347 | 0 | -29.71 | -5.92 | -35.63 |
| J&K | -741 | -483 | 0 | -741 | -56 | 0 | -17.77 | -3.37 | -21.14 |
| CHD | 0 | -10 | 0 | 0 | 0 | 0 | 0.00 | -0.34 | -0.34 |
| Rajasthan | -59 | 54 | 0 | -59 | -97 | 0 | -0.16 | 1.23 | 1.07 |
| UP | 1288 | 1193 | 0 | 1586 | 710 | 0 | 17.64 | 20.37 | 38.01 |
| Uttarakhand | -212 | 46 | 0 | -285 | -48 | 0 | -5.55 | 0.73 | -4.83 |
| Total | 2355 | 652 | 0 | 2312 | -481 | 0 | 41.56 | 8.44 | 50.01 |

X(B). Short-Term Open Access Details:

| State | Bilateral (MW) | | IEX (MW) | | PXIL (MW) | |
|-------------|----------------|---------|----------|---------|-----------|---------|
| | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum |
| Punjab | 1580 | 1328 | 32 | -504 | 0 | 0 |
| Delhi | 1147 | 486 | -22 | -449 | 0 | 0 |
| Haryana | 1273 | 886 | 162 | -174 | 0 | 0 |
| HP | -1030 | -1569 | -142 | -373 | 0 | 0 |
| J&K | -741 | -741 | 50 | -498 | 0 | 0 |
| CHD | 0 | 0 | 0 | -70 | 0 | 0 |
| Rajasthan | 138 | -59 | 229 | -1657 | 0 | 0 |
| UP | 1747 | 176 | 2168 | 418 | 0 | 0 |
| Uttarakhand | -196 | -285 | 104 | -115 | 0 | 0 |

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

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

| | |
|--------------|-------|
| WR | 0.00% |
| ER | 0.00% |
| Simultaneous | 0.00% |

(ii)%age of times ATC violated on the inter-regional corridors

| | |
|--------------|-------|
| WR | 0.00% |
| ER | 0.00% |
| Simultaneous | 0.00% |

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

| | |
|----------------|-------|
| Rihand - Dadri | 0.00% |
|----------------|-------|

XII. Zero Crossing Violations

| State | No. of violations(Maximum 8 in a day) | Maximum number of continuous blocks without sign change |
|-------------|---------------------------------------|---|
| Punjab | 1 | 16 |
| Haryana | 1 | 19 |
| Rajasthan | 0 | 11 |
| Delhi | 5 | 70 |
| UP | 0 | 11 |
| Uttarakhand | 2 | 24 |
| HP | 1 | 23 |
| J & K | 0 | 12 |
| Chandigarh | 3 | 28 |

XIII. System Constraints:

XIV. Grid Disturbance / Any Other Significant Event:

XV. Weather Conditions For 27.08.2017 :

XVI. Synchronisation of new generating units :

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

XVIII. Tripping of lines in pooling stations :

XIX. Complete generation loss in a generating station :

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.

Report for : 27.08.2017

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER