

| | | | | | | |
|--|---------------------------------------|----------------------------------|-------------|---------------|---------------|-------------|
| | Rajpura (2*700) | 1400 | 660 | 660 | 19.94 | 831 |
| | Talwandi Saboo (3*660) | 1980 | 0 | 0 | -0.16 | -7 |
| | Thermal (Total) | 6560 | 660 | 660 | 19.56 | 815 |
| | Total Hydro | 1000 | 423 | 185 | 8.11 | 338 |
| | Wind Power | 0 | 0 | 0 | 0.00 | 0 |
| | Biomass | 288 | 10 | 10 | 0.55 | 23 |
| | Solar | 560 | 0 | 0 | 0.07 | 3 |
| | Renewable(Total) | 848 | 10 | 10 | 0.62 | 26 |
| | Total Punjab | 8408 | 1093 | 855 | 28.30 | 1179 |
| Haryana | Panipat TPS (2*210+2*250) | 920 | 0 | 0 | 0.00 | 0 |
| | DCRTPP (Yamuna nagar) (2*300) | 600 | 0 | 62 | 0.44 | 19 |
| | Faridabad GPS (NTPC)(2*137.75+1*156) | 432 | 190 | 157 | 4.12 | 172 |
| | RGTPP (khedar) (IPP) (2*600) | 1200 | 0 | 0 | 0.00 | 0 |
| | Magnum Diesel (IPP) | 25 | 0 | 0 | 0.00 | 0 |
| | Jhajjar(CLP) (2*660) | 1320 | 0 | 0 | 0.00 | 0 |
| | Thermal (Total) | 4497 | 190 | 219 | 4.56 | 190 |
| | Total Hydro | 62 | 7 | 6 | 0.44 | 18 |
| | Wind Power | 0 | 0 | 0 | 0.00 | 0 |
| | Biomass | 40 | 0 | 0 | 0.00 | 0 |
| | Solar | 0 | 0 | 0 | 0.00 | 0 |
| | Renewable(Total) | 40 | 0 | 0 | 0.00 | 0 |
| | Total Haryana | 4599 | 197 | 225 | 5.00 | 208 |
| | Rajasthan | kota TPS (2*110+2*195+3*210) | 1240 | 299 | 460 | 9.40 |
| suratgarh TPS (6*250) | | 1500 | 178 | 185 | 4.39 | 183 |
| Chabra TPS (4*250) | | 1000 | 762 | 760 | 18.47 | 770 |
| 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 | 175 | 184 | 4.68 | 195 |
| RAPS A (NPC) (1*100+1*200) | | 300 | 194 | 194 | 4.40 | 183 |
| Barsingar (NLC) (2*125) | | 250 | 191 | 185 | 4.87 | 203 |
| Giral LTPS (2*125) | | 250 | 0 | 0 | 0.00 | 0 |
| Rajwest LTPS (IPP) (8*135) | | 1080 | 322 | 321 | 8.37 | 349 |
| VS LIGNITE LTPS (IPP) (1*135) | | 135 | 0 | 0 | 0.00 | 0 |
| Kalisindh Thermal(2*600) | | 1200 | 821 | 822 | 20.64 | 860 |
| Kawai(Adani) (2*660) | | 1320 | 863 | 859 | 22.14 | 923 |
| Thermal (Total) | | 8876 | 3805 | 3970 | 97.35 | 4056 |
| Total Hydro | | 550 | 165 | 164 | 3.87 | 161 |
| Wind power | | 4017 | 840 | 735 | 17.09 | 712 |
| Biomass | | 99 | 12 | 12 | 0.29 | 12 |
| Solar | | 1295 | 6 | 0 | 0.34 | 14 |
| Renewable/Others (Total) | | 5411 | 858 | 747 | 17.72 | 738 |
| Total Rajasthan | | 14837 | 4828 | 4881 | 118.94 | 4956 |
| UP | Anpara TPS (3*210+2*500) | 1630 | 923 | 1074 | 26.98 | 1124 |
| | Obra TPS (2*50+2*94+5*200) | 1194 | 554 | 530 | 13.10 | 546 |
| | Paricha TPS (2*110+2*220+2*250) | 1160 | 160 | 260 | 5.11 | 213 |
| | Panki TPS (2*105) | 210 | 0 | 0 | 0.00 | 0 |
| | Harduaqanj TPS (1*60+1*105+2*250) | 665 | 159 | 162 | 3.95 | 165 |
| | Tanda TPS (NTPC) (4*110) | 440 | 276 | 270 | 6.83 | 285 |
| | Roza TPS (IPP) (4*300) | 1200 | 0 | 0 | 0.00 | 0 |
| | Anpara-C (IPP) (2*600) | 1200 | 968 | 320 | 15.17 | 632 |
| | Bajaj Energy Pvt.Ltd(IPP) TPS (10*45) | 450 | 0 | 0 | 0.00 | 0 |
| | Anpara-D(2*500) | 1000 | 725 | 715 | 17.96 | 748 |
| | Lalitpur TPS(3*660) | 1980 | 366 | 710 | 11.56 | 482 |
| | Bara(2*660) | 1320 | 728 | 726 | 19.28 | 803 |
| | Thermal (Total) | 12449 | 4859 | 4767 | 119.95 | 4998 |
| | Vishnuparyag HPS (IPP)(4*110) | 440 | 63 | 58 | 1.54 | 64 |
| | Alaknada(4*82.5) | 330 | 84 | 0 | 1.02 | 42 |
| | Other Hydro | 527 | 37 | 27 | 1.31 | 54 |
| | Cogeneration | 981 | 850 | 850 | 20.40 | 850 |
| | 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 | 5893 | 5702 | 144.21 | 6009 | |
| Uttarakhand | Other Hydro | 1250 | 482 | 349 | 9.13 | 380 |
| | Total Gas | 225 | 300 | 304 | 7.29 | 304 |
| | Wind Power | 0 | 0 | 0 | 0.00 | 0 |
| | Biomass | 127 | 0 | 0 | 0.00 | 0 |
| | Solar | 20 | 0 | 0 | 0.10 | 4 |
| | Small Hydro (< 25 MW) | 180 | 0 | 0 | 0.00 | 0 |
| | Renewable(Total) | 327 | 0 | 0 | 0.10 | 4 |
| Total Uttarakhand | 1802 | 782 | 653 | 16.51 | 688 | |
| Delhi | Rajghat TPS (2*67.5) | 135 | 0 | 0 | 0.00 | 0 |
| | Delhi Gas Turbine (6x30 + 3x34) | 282 | 70 | 50 | 1.84 | 77 |
| | Pragati Gas Turbine (2x104+ 1x122) | 330 | 0 | 0 | 0.00 | 0 |
| | Rithala GPS (3*36) | 95 | 0 | 0 | 0.00 | 0 |
| | Bawana GPS (4*216+2*253) | 1370 | 250 | 250 | 6.01 | 250 |
| | Badarpur TPS (NTPC) (3*95+2*210) | 705 | 0 | 0 | 0.00 | 0 |
| | Thermal (Total) | 2917 | 320 | 300 | 7.85 | 327 |
| | 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 | 320 | 300 | 7.85 | 327 | |
| HP | Baspa HPS (IPP) (3*100) | 300 | 0 | 0 | 0.95 | 39 |
| | Malana HPS (IPP) (2*43) | 86 | 0 | 0 | 0.20 | 8 |
| | Other Hydro | 372 | 75 | 47 | 2.02 | 84 |
| | 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 | 128 | 62 | 2.33 | 97 |
| | Renewable(Total) | 486 | 128 | 62 | 2.33 | 97 |
| | Total HP | 1244 | 203 | 109 | 5.49 | 229 |
| | J & K | Baqilhar HPS (IPP) (3*150+3*150) | 900 | 236 | 236 | 5.66 |
| Other Hydro/IPP(including 98 MW Small Hydro) | | 308 | 136 | 120 | 2.86 | 119 |
| 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 | 372 | 356 | 9 | 355 |

| | | | | | |
|--|-------|-------|-------|--------|-------|
| Total State Control Area Generation | 50078 | 13688 | 13081 | 334.82 | 13951 |
| J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)] | | 6631 | 3277 | 175.88 | 7328 |
| Total Regional Availability(Gross) | 75315 | 38306 | 25532 | 779.36 | 32473 |

IV. Total Hydro Generation:

| | | | | | |
|--------------------------|-------|-------|------|--------|------|
| Regional Entities Hydro | 12234 | 9206 | 2251 | 88.96 | 3707 |
| State Control Area Hydro | 7163 | 2136 | 1558 | 39.42 | 1950 |
| Total Regional Hydro | 19397 | 11341 | 3809 | 128.39 | 5657 |

V. Total Renewable Generation:

| | | | | | |
|------------------------------|------|-----|-----|-------|-----|
| Regional Entities Renewable | 30 | 0 | 0 | 0.06 | 3 |
| State Control Area Renewable | 7356 | 997 | 819 | 20.77 | 866 |
| Total Regional Renewable | 7386 | 997 | 819 | 20.84 | 868 |

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

| Element | Peak(19:00 Hrs) MW | Off Peak(03:00 Hrs) MW | Maximum Interchange (MW) | | Energy (MU) | | Net Energy MU |
|--|-----------------------|---------------------------|--------------------------|--------|---------------|--------------|------------------|
| | | | Import | Export | Import | Export | |
| Vindhychal(HVDC B/B) | -250 | -500 | 0 | 500 | 0.00 | 9.22 | -9.22 |
| 765 KV Gwalior-Agra (D/C) | 2158 | 1050 | 2618 | 0 | 48.44 | 0.00 | 48.44 |
| 400 KV Zerda-Kankroli | -162 | -196 | 0 | 267 | 0.00 | 3.75 | -3.75 |
| 400 KV Zerda-Bhimnal | -31 | -86 | 75 | 217 | 0.00 | 1.64 | -1.64 |
| 220 KV Auraiya-Malanpur | -85 | -110 | 0 | 120 | 0.00 | 1.83 | -1.83 |
| 220 KV Badod-Kota/Morak | 9 | -54 | 59 | 49 | 0.12 | 0.00 | 0.12 |
| Mundra-Mohinderghar(HVDC Bipole) | 2303 | 599 | 2305 | 0.00 | 44.52 | 0.00 | 44.52 |
| 400 KV RAPPCC-Sujalpur | 299 | 77 | 345 | 0 | 4.77 | 0.00 | 4.77 |
| 400 KV Vindhychal-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| 765 kV Phagi-Gwalior (D/C) | 977 | 838 | 1449 | 0 | 26.76 | 0.00 | 26.76 |
| +/- 800 kV HVDC Champa-Kurushetra | 0 | 0 | 1440 | 0 | 4.12 | 0.00 | 4.12 |
| Sub Total WR | 5218 | 1618 | | | 128.74 | 16.44 | 112.29 |
| 400 kV Sasaram - Varanasi | 273 | 271 | 297 | 0 | 6.58 | 0.00 | 6.58 |
| 400 kV Sasaram - Allahabad | 117 | 118 | 141 | 0 | 2.75 | 0.00 | 2.75 |
| 400 KV MZP- GKP (D/C) | 89 | 418 | 506 | -45 | 8.06 | 0.00 | 8.06 |
| 400 KV Patna-Balia(D/C) X 2 | 614 | 392 | 658 | 0 | 12.48 | 0.00 | 12.48 |
| 400 KV B'Sharif-Balia (D/C) | 38 | 166 | 257 | 0 | 3.96 | 0.00 | 3.96 |
| 765 KV Gaya-Balia | 248 | 197 | 373 | 0 | 6.72 | 0.00 | 6.72 |
| 765 KV Gaya-Varanasi (D/C) | -435 | -242 | 660 | 0 | 11.29 | 0.00 | 11.29 |
| 220 KV Pusauli-Sahupuri | 208 | 132 | 208 | 0 | 3.72 | 0.00 | 3.72 |
| 132 KV K'nasa-Sahupuri | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| 132 KV Son Ngr-Rihand | -27 | 0 | 0 | 30 | 0.00 | 0.38 | -0.38 |
| 132 KV Garhwa-Rihand | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 |
| 765 KV Sasaram - Fatehpur | -127 | -52 | 53 | 189 | 0.00 | 1.18 | -1.18 |
| 400 KV Barh -GKP (D/C) | 476 | 274 | 492 | 0 | 9.10 | 0.00 | 9.10 |
| 400 kV B'Sharif - Varanasi (D/C) | -61 | -15 | 102 | 105 | 0.49 | 0.00 | 0.49 |
| Sub Total ER | 1413 | 1659 | | | 65.15 | 1.56 | 63.58 |
| +/- 800 KV HVDC BiswanathChariali-Agra | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| Sub Total NER | 0 | 0 | | | 0.00 | 0.00 | 0.00 |
| Total IR Exch | 6631 | 3277 | | | 193.88 | 18.00 | 175.88 |

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

| ER | ISGS/LT Schedule (MU) | | Bilateral Schedule (MU) | | Power Exchange Shdl (MU) | | Wheeling (MU) | |
|-------|-----------------------|-------|-------------------------|------------|--------------------------|------------|---------------|------------|
| | Bhutan | Total | Through ER | Through WR | Through ER | Through WR | Through ER | Through WR |
| 44.81 | 0.08 | 44.89 | -1.82 | -0.39 | 19.23 | 4.28 | 0.00 | 0.00 |

| Total IR Schedule (MU) | | | Total IR Actual (MU) | | | Net IR UI (MU) | | |
|------------------------|------------------------|--------|---------------------------|------------|--------|----------------------------|------------|-------|
| Through ER | Through WR Incls Mndra | Total | Through ER(including NER) | Through WR | Total | Through ER (including NER) | Through WR | Total |
| 62.30 | 117.26 | 179.56 | 63.58 | 112.29 | 175.88 | 1.28 | -4.97 | -3.69 |

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

| Element | Peak(19:00 Hrs) MW | Off Peak(03:00 Hrs) MW | Maximum Interchange (MW) | | Energy (MU) | | Net Energy MU |
|---------------------------------|-----------------------|---------------------------|--------------------------|--------|-------------|--------|------------------|
| | | | Import | Export | Import | Export | |
| 132 KV Tanakpur - Mahendarnagar | -25 | -30 | 0 | 37 | 0 | 1 | -0.80 |

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 | 4.33 | 42.25 | 67.22 | 22.13 | 6.38 | 0.03 | 0.00 |

| <----- Frequency (Hz) -----> | | | | Average Frequency Hz | Frequency Variation Index | Std. Dev. | Frequency in 15 Min Block | | Freq Dev Index (% of Time) |
|------------------------------|-------|---------|------|----------------------------|---------------------------------|-----------|---------------------------|-------------|----------------------------------|
| Maximum | | Minimum | | | | | MAX (Hz) | MIN (Hz) | |
| Freq | Time | Freq | Time | | | | | | |
| 50.21 | 13.01 | 49.80 | 9.21 | 50.01 | 0.040 | 0.062 | 50.13 | 49.91 | 32.78 |

VIII(A). Voltage profile 400 kV

| Station | Voltage Level (kV) | Maximum | | Minimum | | Voltage (in % of Time) | | | | Volta ge Deviat |
|-------------------|--------------------|-------------|-------|--------------|-------|------------------------|---------|---------|---------|-----------------------|
| | | Voltage(KV) | Time | Voltage (KV) | Time | <380 kV | <390 kV | >420 kV | >430 kV | |
| Rihand | 400 | 412 | 1:50 | 402 | 10:26 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gorakhpur | 400 | 427 | 1:36 | 404 | 12:25 | 0.0 | 0.0 | 26.2 | 0.0 | 26.2 |
| Bareilly(PG)400kV | 400 | 424 | 3:59 | 397 | 12:06 | 0.0 | 0.0 | 18.4 | 0.0 | 18.4 |
| Kanpur | 400 | 419 | 1:35 | 402 | 10:19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dadri | 400 | 436 | 1:58 | 410 | 12:16 | 0.0 | 0.0 | 35.7 | 17.7 | 35.7 |
| Ballabgarh | 400 | 428 | 1:30 | 406 | 9:19 | 0.0 | 0.0 | 21.2 | 0.0 | 21.2 |
| Bawana | 400 | 432 | 1:29 | 410 | 12:18 | 0.0 | 0.0 | 33.5 | 4.4 | 33.5 |
| Bassi | 400 | 425 | 4:01 | 403 | 8:42 | 0.0 | 0.0 | 14.7 | 0.0 | 14.7 |
| Hissar | 400 | 428 | 1:35 | 407 | 9:16 | 0.0 | 0.0 | 9.6 | 0.0 | 9.6 |
| Moga | 400 | 430 | 1:35 | 411 | 9:13 | 0.0 | 0.0 | 27.7 | 0.0 | 27.7 |
| Abdullapur | 400 | 432 | 1:29 | 414 | 12:16 | 0.0 | 0.0 | 65.4 | 7.6 | 65.4 |
| Nalagarh | 400 | 434 | 1:20 | 419 | 5:25 | 0.0 | 0.0 | 83.3 | 17.9 | 83.3 |
| Kishenpur | 400 | 420 | 3:01 | 404 | 19:07 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Wagoora | 400 | 393 | 13:01 | 362 | 19:05 | 43.4 | 96.8 | 0.0 | 0.0 | 43.4 |
| Amritsar | 400 | 434 | 1:35 | 415 | 8:35 | 0.0 | 0.0 | 58.8 | 12.8 | 58.8 |
| Kashipur | 400 | 0 | 0:00 | 0 | 0:00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Hamirpur | 400 | 422 | 13:25 | 414 | 0:00 | 0.0 | 0.0 | 8.8 | 0.0 | 8.8 |
| Rishikesh | 400 | 431 | 4:00 | 401 | 12:16 | 0.0 | 0.0 | 26.7 | 0.3 | 26.7 |

VIII(B). Voltage profile 765 kV

| Station | Voltage Level (kV) | Maximum | | Minimum | | Voltage (in % of Time) | | | | Volta ge Deviat |
|----------|--------------------|-------------|-------|--------------|-------|------------------------|---------|---------|---------|-----------------------|
| | | Voltage(KV) | Time | Voltage (KV) | Time | <728 kV | <742 kV | >800 kV | >820 kV | |
| Fatehpur | 765 | 776 | 18:02 | 745 | 10:19 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Balia | 765 | 795 | 2:00 | 761 | 10:23 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | | | | |
|-----------------|-----|-----|-------|-----|-------|-------|-------|------|-----|-------|
| Moga | 765 | 810 | 4:00 | 777 | 9:15 | 0.0 | 0.0 | 10.5 | 0.0 | 10.5 |
| Agra | 765 | 794 | 1:58 | 760 | 5:40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bhiwani | 765 | 810 | 20:56 | 655 | 21:02 | 37.1 | 37.1 | 8.7 | 0.0 | 45.7 |
| Unnao | 765 | 780 | 20:56 | 747 | 12:36 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Lucknow | 765 | 801 | 4:01 | 760 | 12:36 | 0.0 | 0.0 | 0.2 | 0.0 | 0.2 |
| Meerut | 765 | 814 | 20:56 | 776 | 5:41 | 46.5 | 46.5 | 23.3 | 0.0 | 69.8 |
| Jhatikara | 765 | 814 | 1:58 | 776 | 9:21 | 0.0 | 0.0 | 22.9 | 0.0 | 22.9 |
| Bareilly 765 kV | 765 | 806 | 3:59 | 757 | 12:19 | 0.0 | 0.0 | 18.1 | 0.0 | 18.1 |
| Anta | 765 | 801 | 1:15 | 778 | 8:19 | 0.0 | 0.0 | 12.8 | 0.0 | 12.8 |
| Phagi | 765 | 0 | 0:00 | 0 | 0:00 | 100.0 | 100.0 | 0.0 | 0.0 | 100.0 |

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 | 470.10 | 267.31 | 483.06 | 536.06 | 130.34 | 324.91 |
| Pong | 426.72 | 384.05 | 398.31 | 185.67 | 397.25 | 162.91 | 79.77 | 311.85 |
| Tehri | 829.79 | 740.04 | 773.95 | 252.00 | 765.40 | 163.15 | 39.48 | 199.00 |
| Koteshwar | 612.50 | 598.50 | 610.03 | 4.52 | 610.33 | 4.69 | 199.00 | 213.27 |
| Chamera-I | 760.00 | 748.75 | 757.98 | 0.00 | 0.00 | 0.00 | 99.03 | 99.91 |
| 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 | 504.94 | 2.24 | 496.71 | 0.00 | 93.20 | 91.77 |

* NA: Not Available

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

| State | Off- Peak Hours (03:00 Hrs) | | | Peak Hours (19:00 Hrs) | | | Day Energy (MU) | | |
|-------------|-----------------------------|----------|-----------|------------------------|----------|-----------|-----------------|-----------------|------------|
| | Bilateral (MW) | IEX (MW) | PXIL (MW) | Bilateral (MW) | IEX (MW) | PXIL (MW) | Bilateral (MU) | IEX / PXIL (MU) | Total (MU) |
| Punjab | -57 | 0 | 0 | -57 | 0 | 0 | -3.81 | 0.03 | -3.79 |
| Delhi | -344 | -175 | 0 | -241 | 64 | 0 | -5.04 | 1.22 | -3.81 |
| Haryana | -504 | 389 | 0 | -227 | 360 | 0 | -7.66 | 8.83 | 1.17 |
| HP | 272 | 109 | 0 | 150 | -196 | 0 | 9.31 | -0.18 | 9.12 |
| J&K | 264 | 50 | 0 | 264 | 173 | 0 | 6.33 | 2.87 | 9.19 |
| CHD | 0 | 0 | 0 | 0 | -35 | 0 | 0.00 | -0.25 | -0.25 |
| Rajasthan | 23 | 488 | 0 | 22 | 474 | 0 | 0.60 | 10.74 | 11.34 |
| UP | 107 | 0 | 0 | -6 | -100 | 0 | -1.61 | -1.40 | -3.01 |
| Uttarakhand | 73 | 85 | 0 | 73 | 176 | 0 | 1.74 | 3.20 | 4.95 |
| Total | -166 | 945 | 0 | -22 | 917 | 0 | -0.13 | 25.05 | 24.92 |

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

| State | Bilateral (MW) | | IEX (MW) | | PXIL (MW) | |
|-------------|----------------|---------|----------|---------|-----------|---------|
| | Maximum | Minimum | Maximum | Minimum | Maximum | Minimum |
| Punjab | -57 | -284 | 15 | 0 | 0 | 0 |
| Delhi | -117 | -351 | 394 | -179 | 0 | 0 |
| Haryana | -226 | -505 | 392 | 241 | 0 | 0 |
| HP | 629 | 150 | 146 | -370 | 0 | 0 |
| J&K | 264 | 264 | 273 | -126 | 0 | 0 |
| CHD | 0 | 0 | 0 | -55 | 0 | 0 |
| Rajasthan | 34 | 19 | 489 | 62 | 0 | 0 |
| UP | 144 | -272 | 0 | -100 | 0 | 0 |
| Uttarakhand | 105 | 0 | 310 | 4 | 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 | 0.69% |

(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 | 2 | 18 |
| Haryana | 4 | 28 |
| Rajasthan | 2 | 13 |
| Delhi | 5 | 33 |
| UP | 3 | 22 |
| Uttarakhand | 5 | 30 |
| HP | 5 | 43 |
| J & K | 4 | 42 |
| Chandigarh | 3 | 25 |

XIII. System Constraints:

XIV. Grid Disturbance / Any Other Significant Event:

XV. Weather Conditions For 11.03.2017 :

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 : 11.03.2017

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER