

# LINE OUTAGES FOR THE WEEK

FROM 8-Aug-11 TO 14-Aug-11

| Voltage | Name                                       | date_trip | time_trip | date_sync | time_sync  | reason                                                        |
|---------|--------------------------------------------|-----------|-----------|-----------|------------|---------------------------------------------------------------|
| 500KV   | Chandrapur-Padaghe Pole - II               | 8-Aug-11  | 09.17     |           | Continued. | Annual Maintenance Work of All Equipment in AC/DC Yard        |
| 500KV   | HVDC POLE I - CHDPR                        | 12-Aug-11 | 12.48     | 12-Aug-11 | 13.35      | Netutral Bus Diff. Protection.                                |
| 400KV   | Kolhapur - Mapusa - I                      | 2-Aug-11  | 18.13     | 9-Aug-11  | 10.00      | Over Voltage.                                                 |
| 400KV   | Bus Coupler at 400KV Karad.                | 4-Aug-11  | 12.40     | 10-Aug-11 | 18.53      | 400KV Jaigad-Karad stringing work.Upto 9.8.11.                |
| 400KV   | Karad - Kolhapur - II                      | 6-Aug-11  | 22.58     | 12-Aug-11 | 08.48      | Over Voltage.                                                 |
| 400KV   | Bhusawal- Aurangabad                       | 7-Aug-11  | 21.44     | 8-Aug-11  | 07.07      | Over Voltage.                                                 |
| 400KV   | Dhule-Sar'Sarovar - I                      | 7-Aug-11  | 14.06     | 8-Aug-11  | 07.16      | Over Voltage.                                                 |
| 400KV   | Karad - Solapur (PGCIL)                    | 7-Aug-11  | 22.10     | 8-Aug-11  | 06.58      | Over Voltage.                                                 |
| 400KV   | Dhule-Sar'Sarovar - II                     | 7-Aug-11  | 23.53     | 9-Aug-11  | 08.55      | Over Voltage.                                                 |
| 400KV   | New Koyna - Dabhol - II                    | 8-Aug-11  | 11.40     | 8-Aug-11  | 15.51      | Fixing of broken PA rod at Loc. No. 111.                      |
| 400KV   | Bhusawal- Aurangabad                       | 8-Aug-11  | 23.04     | 9-Aug-11  | 06.54      | Over Voltage.                                                 |
| 400KV   | 600 MVA 21/400 KV GT-VI @ Chandrapur       | 8-Aug-11  | 12.24     | 12-Aug-11 | 16.00      | H V Side is on TBC for CRM of Main Bkr.                       |
| 400KV   | Chandrapur - HVDC A/C Bay - II             | 8-Aug-11  | 17.21     |           | Continued. | Annual Maint.Work,upto 19.08.11.                              |
| 400KV   | Dhule-Sar'Sarovar - I                      | 9-Aug-11  | 01.49     | 9-Aug-11  | 12.05      | Over Voltage.                                                 |
| 400KV   | 400/220 KV 315 MVA ICT-I @ Koradi.         | 9-Aug-11  | 09.17     | 9-Aug-11  | 16.44      | Oil leakage work.                                             |
| 400KV   | Bhusawal- Aurangabad                       | 9-Aug-11  | 21.48     | 10-Aug-11 | 06.53      | Over Voltage.                                                 |
| 400KV   | Kolhapur-Mapusa-II                         | 9-Aug-11  | 22.10     | 10-Aug-11 | 12.03      | Over Voltage.                                                 |
| 400KV   | 400/ 220KV,500MVA ICT-II @ Jejuri Main B   | 9-Aug-11  | 14.35     | 9-Aug-11  | 15.20      | Filling of SF6 gas, ICT on Tie Bkr.                           |
| 400KV   | Dhule-Sar'Sarovar - I                      | 10-Aug-11 | 00.17     | 10-Aug-11 | 07.11      | Over Voltage.                                                 |
| 400KV   | Bhusawal- Aurangabad                       | 10-Aug-11 | 20.47     | 11-Aug-11 | 06.15      | Over Voltage.                                                 |
| 400KV   | 400/220 KV,500MVA ICT-II at Deepnagar.     | 10-Aug-11 | 17.00     | 10-Aug-11 | 18.53      | Charged on No load.                                           |
| 400KV   | 400/220KV,500 MVA ICT-III at Nagothane.    | 10-Aug-11 | 13.20     | 10-Aug-11 | 13.56      | Charged from HV side and kept on humming.                     |
| 400KV   | Karad - Solapur (PGCIL)                    | 10-Aug-11 | 20.54     | 11-Aug-11 | 06.08      | Over Voltage.                                                 |
| 400KV   | Dhule-Khandwa I                            | 10-Aug-11 | 23.34     |           | Continued. | Over Voltage.                                                 |
| 400KV   | Kolhapur-Mapusa-II                         | 10-Aug-11 | 22.44     | 12-Aug-11 | 08.19      | Over Voltage.                                                 |
| 400KV   | Chandrapur-Bhadravti - I                   | 11-Aug-11 | 02.30     | 11-Aug-11 | 06.13      | Over Voltage.                                                 |
| 400KV   | Main Bus- II @ Jejuri                      | 11-Aug-11 | 09.20     | 11-Aug-11 | 17.59      | Q.M.Work.                                                     |
| 400KV   | 400/220 KV 300 MVA ICT-I @ Koradi          | 11-Aug-11 | 11.20     | 11-Aug-11 | 18.39      | Painting work.                                                |
| 400KV   | 400/220KV 315MVA ICT-II @ New Koyna        | 11-Aug-11 | 15.45     | 11-Aug-11 | 20.56      | Pannel cable replacement.                                     |
| 400KV   | 400/220 KV 315 MVA ICT - I @ Chakan        | 11-Aug-11 | 15.23     | 11-Aug-11 | 15.37      | Isolator 89B Y ph.sparking.                                   |
| 400KV   | Karad - Solapur (PGCIL)                    | 11-Aug-11 | 21.59     | 12-Aug-11 | 05.35      | Over Voltage.                                                 |
| 400KV   | Bhusawal- Aurangabad                       | 11-Aug-11 | 23.19     | 12-Aug-11 | 05.13      | Over Voltage.                                                 |
| 400KV   | Bhusawal- Aurangabad                       | 12-Aug-11 | 21.28     | 13-Aug-11 | 07.41      | Over Voltage.                                                 |
| 400KV   | Dhule - Babhaleshwar - I                   | 12-Aug-11 | 05.05     | 12-Aug-11 | 05.51      | Over Voltage.                                                 |
| 400KV   | Karad - Kolhapur - I                       | 12-Aug-11 | 21.43     |           | Continued. | Over Voltage.                                                 |
| 400KV   | Babhaleshwar-Aurangabad                    | 12-Aug-11 | 09.07     | 12-Aug-11 | 16.44      | Q.M.Work.                                                     |
| 400KV   | 400/132 KV 200 MVA ICT - II @ Khadka       | 12-Aug-11 | 10.01     | 13-Aug-11 | 17.53      | Red Hot & Replacement of 132KV Aux.Bus Isolator.Taken on TBC. |
| 400KV   | 400/220 KV,500MVA ICT-II at Deepnagar.     | 12-Aug-11 | 14.23     | 12-Aug-11 | 17.57      | Maint.Work,Charged on No Load.                                |
| 400KV   | 400/220 KV 500 MVA ICT-I @ Deepnagar       | 12-Aug-11 | 14.20     | 12-Aug-11 | 17.55      | Maint.Work,Charged on No Load.                                |
| 400KV   | Kolhapur - Mapusa - I                      | 12-Aug-11 | 22.56     |           | Continued. | Over Voltage.                                                 |
| 400KV   | Bhusawal- Aurangabad                       | 13-Aug-11 | 16.29     | 14-Aug-11 | 10.55      | Over Voltage                                                  |
| 400KV   | 400/220 KV,500MVA ICT-II at Deepnagar.     | 13-Aug-11 | 10.45     | 13-Aug-11 | 14.17      | MCB Burbt at BCR                                              |
| 400KV   | Bhusawal- Aurangabad                       | 14-Aug-11 | 21.06     |           | Continued. | Over Voltage.                                                 |
| 400KV   | Karad - Solapur (PGCIL)                    | 14-Aug-11 | 22.34     | 15-Aug-11 | 05.55      | Over Voltage.                                                 |
| 400KV   | 400/220 KV 315 MVA ICT @ Bhusawal          | 14-Aug-11 | 00.32     | 14-Aug-11 | 01.08      | Replacement of Faulty Relay (ICT LV Side on TBC).             |
| 220KV   | Bus Coupler @ WPCL                         | 7-Jun-11  | 17.22     | 11-Aug-11 | 09.08      | As being normally kept open.                                  |
| 220KV   | 100 KV Group Breakar - II at 220 kv Tromba | 28-Jul-11 | 08:56     | 12-Aug-11 | 15.37      | CT Replacement work (up to 10/08/2011)                        |

|       |                                        |           |       |           |            |                                                          |
|-------|----------------------------------------|-----------|-------|-----------|------------|----------------------------------------------------------|
| 220KV | Abhijeet-Wardha-I                      | 4-Aug-11  | 05.14 | 10-Aug-11 | 11.41      | To control Wardha-Y'mal line loading.                    |
| 220KV | Main Bus-II At 220 KV BBLSR            | 6-Aug-11  | 11.27 | 8-Aug-11  | 19.40      | Construction Works of L V Bay of New ICT Upto 10.8.11.   |
| 220KV | Bale-Murud                             | 7-Aug-11  | 10.20 | 8-Aug-11  | 13.43      | To Control Parly ICT Loading.                            |
| 220KV | Bale-Osmanbad                          | 7-Aug-11  | 10.20 | 8-Aug-11  | 13.43      | To Control Parly ICT Loading.                            |
| 220KV | Koradi-Butibori                        | 7-Aug-11  | 21.18 | 8-Aug-11  | 18.02      | Backup Protection Operated O/C & E/F                     |
| 220KV | Babaleshwar - Nagar - I                | 8-Aug-11  | 22.43 | 8-Aug-11  | 23.00      | Dist.Prot. from Nagar End Only.                          |
| 220KV | New Koyna - Pawas                      | 8-Aug-11  | 12.41 | 8-Aug-11  | 19.51      | Making LILO for 220 KV Niwali Phata S/S.                 |
| 220KV | Kolhapur-Sawantwadi                    | 8-Aug-11  | 09.36 | 8-Aug-11  | 16.25      | Isolator maintenance work.                               |
| 220KV | BBLSR-Waluj                            | 8-Aug-11  | 07.55 |           | Continued. | To control BBLSR ICT Loading.                            |
| 220KV | Padgha - Temghar - II                  | 8-Aug-11  | 17.06 | 9-Aug-11  | 01.02      | To control Padgha ICT Loading.                           |
| 220KV | Girwali - Parly - IV                   | 8-Aug-11  | 13.25 | 8-Aug-11  | 16.12      | Replacement of Safety Valve of Tank.                     |
| 220KV | Khaparkheda-Kawlewada-I                | 8-Aug-11  | 21.26 | 8-Aug-11  | 21.39      | Dist.Prot.Operated Z-I R Phase.                          |
| 220KV | Padgha-Temghar I                       | 9-Aug-11  | 10.31 |           | Continued. | To control Padgha ICT load.                              |
| 220KV | 220 KV Bus Coupler @ Kharghar          | 9-Aug-11  | 09.40 | 9-Aug-11  | 18.21      | Retrofitting of new numerical relay.                     |
| 220KV | Bhosari-Telco                          | 9-Aug-11  | 07.30 | 9-Aug-11  | 09.40      | Tree cutting work.                                       |
| 220KV | Karad - Vita - I                       | 9-Aug-11  | 09.58 | 9-Aug-11  | 16.29      | Q.M.Work & attending hot spot.                           |
| 220KV | Bus Section - I @ Vita                 | 9-Aug-11  | 12.05 | 9-Aug-11  | 16.29      | Q.M.Work & attending hot spot.                           |
| 220KV | 220/110 KV 100 MAV T/F - I @ Ogalewadi | 9-Aug-11  | 10.25 | 9-Aug-11  | 13.25      | Q.M.Work.                                                |
| 220KV | 220/132 KV 100 MVA T/F - I @ Peth      | 9-Aug-11  | 10.07 | 9-Aug-11  | 12.15      | LV Side LA sparking.                                     |
| 220KV | Karad-M'peth                           | 9-Aug-11  | 11.52 | 9-Aug-11  | 12.50      | Hot spot attending work.                                 |
| 220KV | Pophali - KDPH                         | 9-Aug-11  | 12.00 | 9-Aug-11  | 21.35      | Distance protection.                                     |
| 220KV | Chinchwad-Parvati                      | 9-Aug-11  | 09.13 | 9-Aug-11  | 09.47      | To control chinchwad-Chakan L/L.                         |
| 220KV | Padgha - Temghar - II                  | 9-Aug-11  | 10.12 |           | Continued. | To control Padgha ICT load.                              |
| 220KV | 220/132 KV 100 MVA T/F at Lonand       | 9-Aug-11  | 09.15 | 9-Aug-11  | 19.30      | Q.M.Work                                                 |
| 220KV | Koradi-Butibori                        | 9-Aug-11  | 10.34 | 9-Aug-11  | 14.29      | Retrofitting of distance relay.                          |
| 220KV | Chalisgaon - Bhusawal- II              | 9-Aug-11  | 08.51 | 9-Aug-11  | 18.40      | Erection of 220KV Transfer Bus isolator under LES.       |
| 220KV | Parly - Harangool - II                 | 9-Aug-11  | 10.14 | 9-Aug-11  | 14.42      | To attend CT leakage.                                    |
| 220KV | 220KV Main Bus at Harangul             | 9-Aug-11  | 12.45 | 9-Aug-11  | 15.15      | Q.M.Work                                                 |
| 220KV | Nivali-Pawas                           | 10-Aug-11 | 15.40 | 10-Aug-11 | 15.46      | Newly commissioned Nivali Phata S/S.                     |
| 220KV | Nivali-N'koyna                         | 10-Aug-11 | 15.40 | 10-Aug-11 | 15.43      | Newly commissioned Nivali Phata S/S.                     |
| 220KV | Boiser - Borivali                      | 10-Aug-11 | 15.50 | 10-Aug-11 | 16.20      | Alignment of isolator.                                   |
| 220KV | New Koyna - Pawas                      | 10-Aug-11 | 10.37 | 10-Aug-11 | 15.50      | Making LILO for 220KV Nivali Phata S/S.                  |
| 220KV | Parli-Usmanabad                        | 10-Aug-11 | 08.03 | 12-Aug-11 | 14.42      | Stringing work of 400KV DC Parli-Solapur line .          |
| 220KV | Nasik-Raymond                          | 10-Aug-11 | 10.06 | 10-Aug-11 | 17.35      | Commissioning of Auto reclose scheme & Maintenance work. |
| 220KV | Murud - Girawli.                       | 10-Aug-11 | 08.10 | 10-Aug-11 | 20.46      | Stringing work of 400KV DC Parli-Solapur line .          |
| 220KV | 220/132KV 200MVA ICT @ Beed            | 10-Aug-11 | 10.18 | 10-Aug-11 | 15.47      | Q.M.Work                                                 |
| 220KV | New Parli - Beed                       | 10-Aug-11 | 10.19 | 10-Aug-11 | 15.52      | Q.M.Work                                                 |
| 220KV | Chalisgaon - Bhusawal- II              | 10-Aug-11 | 11.38 | 10-Aug-11 | 15.37      | Reconnection of jumpering work.                          |
| 220KV | 220KV Half Main Bus at Magerpatta.     | 11-Aug-11 | 10.10 | 11-Aug-11 | 17.16      | CT,PT tan delta IR values work.                          |
| 220KV | Babhaleshwar-Nasik-II                  | 11-Aug-11 | 09.05 | 11-Aug-11 | 18.00      | Testing Work.                                            |
| 220KV | Bhosari-Telco                          | 11-Aug-11 | 10.59 | 11-Aug-11 | 13.35      | Attending red hot on 220KV Main Bus isolator.            |
| 220KV | 220/22KV,50 MVA T/F-II at Bhosari      | 11-Aug-11 | 10.59 | 11-Aug-11 | 14.30      | Main Bus -II outage.                                     |
| 220KV | 220/22KV,75 MVA ICT-III At Bhosari     | 11-Aug-11 | 10.59 | 11-Aug-11 | 15.12      | Main Bus-II outage.                                      |
| 220KV | Lonikand - Bhosari                     | 11-Aug-11 | 14.07 | 11-Aug-11 | 19.39      | Relay Testing work.                                      |
| 220KV | Dhule-Chalisgaon                       | 11-Aug-11 | 09.23 | 11-Aug-11 | 17.01      | Isolator maintenance work.                               |
| 220KV | Aurangabad-Chitegaon-II                | 11-Aug-11 | 11.49 | 11-Aug-11 | 15.54      | Q.M.Work                                                 |
| 220KV | Pophali - KDPH                         | 12-Aug-11 | 18.20 | 13-Aug-11 | 12.29      | Distance Protection.                                     |

|       |                                        |           |       |           |       |                                                              |
|-------|----------------------------------------|-----------|-------|-----------|-------|--------------------------------------------------------------|
| 220KV | Khargar-Topworth                       | 12-Aug-11 | 11.18 | 12-Aug-11 | 18.14 | Repairing Conductor @ Loc.No.554.                            |
| 220KV | 220/132 KV 200 MVA ICT - II @ Malegaon | 12-Aug-11 | 09.10 | 12-Aug-11 | 16.11 | Q.M.Work.                                                    |
| 220KV | Padgha-Jambhul-I                       | 12-Aug-11 | 09.55 | 12-Aug-11 | 18.58 | Auto Reclose Scheme to be Taken in Service @ Jambule End.    |
| 220KV | Baramati Agro - Bhigwan                | 12-Aug-11 | 09.05 | 12-Aug-11 | 18.15 | Replacement of Tension Steing by Polymer Rod.                |
| 220KV | Nasik - Ghatghar                       | 12-Aug-11 | 11.25 | 12-Aug-11 | 14.10 | Replacement of Insulator.                                    |
| 220KV | Raymond-Washala                        | 12-Aug-11 | 10.30 | 12-Aug-11 | 18.12 | Replacement of Y Ph.Breaker Pam to Bus Isolator Jumper.      |
| 220KV | Uran - JNPT                            | 12-Aug-11 | 12.40 | 12-Aug-11 | 12.51 | Red Hot.                                                     |
| 220KV | ONGC-JNPT                              | 12-Aug-11 | 12.39 | 12-Aug-11 | 12.49 | Red Hot.                                                     |
| 220KV | Padgha-Wada                            | 12-Aug-11 | 09.08 | 12-Aug-11 | 13.34 | Red Hot.                                                     |
| 220KV | Koradi-Butibori                        | 12-Aug-11 | 10.15 | 12-Aug-11 | 22.39 | Retrofitting & Testing of Distance Scheme.                   |
| 220KV | Main Bus-II & Bus Coupler @ Kharghar   | 12-Aug-11 | 09.39 | 12-Aug-11 | 19.45 | Servicing & Overhauling of Isolator.                         |
| 220KV | 220/22KV 50 MVA T/F-I @ Kolshet        | 12-Aug-11 | 11.23 | 12-Aug-11 | 13.29 | Red Hot.                                                     |
| 220KV | Kalwa - Salshet - IV                   | 13-Aug-11 | 07.14 | 13-Aug-11 | 09.36 | DC Leakage                                                   |
| 220KV | Boisor-Versova                         | 14-Aug-11 | 10.22 | 14-Aug-11 | 14.55 | Attending Hot Spot.                                          |
| 220KV | Bhoisor-Bhoisor(PGCIL)-I               | 14-Aug-11 | 07.40 | 14-Aug-11 | 11.48 | Attending Hot Spot @ Boiser End                              |
| 220KV | 220/100 KV 50 MVA T/F - VI @ Chinhwad  | 14-Aug-11 | 15.03 | 14-Aug-11 | 15.23 | Tripped on O/C Protection.                                   |
| 220KV | Koradi-Ambazari-I                      | 14-Aug-11 | 18.04 | 15-Aug-11 | 02.03 | R Ph. Jumper Broken @ Tower No.1.                            |
| 220KV | 220/100KV 100MVA ICT-IV at C'wad       | 14-Aug-11 | 15.03 | 14-Aug-11 | 19.18 | Tripped on Differential Protection.                          |
| 132KV | Pench - Kanhan                         | 2-Aug-11  | 07.30 | 10-Aug-11 | 18.48 | Height raising work for national highway work.               |
| 132KV | Amravati - Achalpur                    | 8-Aug-11  | 19.31 | 8-Aug-11  | 19.46 | Dist.Prot.Operated Z-I R Ph to E.                            |
| 132KV | Paras-Akot ckt.                        | 9-Aug-11  | 04.07 | 9-Aug-11  | 04.32 | Distance protection.                                         |
| 132KV | Beed- Raimoha                          | 10-Aug-11 | 10.35 | 10-Aug-11 | 12.55 | Attending Hot Spot.                                          |
| 132KV | Kanhan - Bhandara                      | 10-Aug-11 | 10.53 | 10-Aug-11 | 13.56 | Q.M.Work                                                     |
| 132KV | Phursungi-Mundawa                      | 11-Aug-11 | 11.06 | 11-Aug-11 | 11.13 | Distance protection.                                         |
| 132KV | Kurunda-Akhada Balapur Ckt.            | 11-Aug-11 | 13.35 | 11-Aug-11 | 15.12 | Insulator replacement.                                       |
| 132KV | Mukhed-IND Bharat                      | 11-Aug-11 | 11.50 | 11-Aug-11 | 15.05 | Q.M.Work                                                     |
| 132KV | Nanded - Narsi                         | 11-Aug-11 | 14.53 | 11-Aug-11 | 17.01 | To attend hot spot on Y ph.CT                                |
| 132KV | 132KV Bus at Pathri.                   | 11-Aug-11 | 10.08 | 11-Aug-11 | 16.06 | Commissioning of New battery set.                            |
| 132KV | Malegaon-Washim                        | 11-Aug-11 | 15.43 | 12-Aug-11 | 01.14 | Tan delta measurement of CT.                                 |
| 132KV | Main Bus section-I at Washim.          | 11-Aug-11 | 09.15 | 11-Aug-11 | 14.53 | Tan delta measurement of CT.                                 |
| 132KV | Main Bus section-II at Washim          | 11-Aug-11 | 15.20 | 11-Aug-11 | 18.26 | Tan delta measurement of CT.                                 |
| 132KV | Kawlewada-Gondia-II                    | 11-Aug-11 | 20.14 | 11-Aug-11 | 20.32 | Distance protection .                                        |
| 132KV | 132KV Bus at Kandhar                   | 11-Aug-11 | 08.20 | 11-Aug-11 | 19.25 | Q.M.Work                                                     |
| 132KV | Bhandara-Mouda                         | 12-Aug-11 | 00.42 | 12-Aug-11 | 01.08 | Distance Protection Operated Z-I.                            |
| 132KV | Bhusawal - Jalgaon - II                | 13-Aug-11 | 09.28 | 13-Aug-11 | 16.06 | Replacement of Wave Trap                                     |
| 132KV | Kawalewada-Gondia-I                    | 13-Aug-11 | 09.35 | 13-Aug-11 | 12.41 | Replacement of Disc Insulator                                |
| 132KV | Kawlewada-Gondia-II                    | 13-Aug-11 | 09.35 | 13-Aug-11 | 14.08 | Replacement of Disc Insulator                                |
| 110KV | Kalyan-Salsette I                      | 8-Aug-11  | 09.38 | 8-Aug-11  | 16.00 | Installation of bird prevention measure at Loc. No. 101-105. |
| 110KV | Miraj-Kavathemahakal                   | 13-Aug-11 | 09.05 | 13-Aug-11 | 17.28 | Line Maint.work                                              |
| 100KV | Borivali-TATA-I                        | 12-Aug-11 | 14.53 | 12-Aug-11 | 16.19 | R Ph.C T Testing Work @ Tata End.                            |