

Standard of Performance data for the month of May-2020
Name of Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD.
Region: EASTERN REGION TRANSMISSION SYSTEM - I

'ANNEXURE - A

| Sr.No. | Unique ID of transmission Element | Element Name | Description (Length/ Nos./MV A/MVAr /MW/etc.) | Region | Type of failure | DETAILS OF OUTAGE | | Total outage in days (I) | OUTAGE | | RESTORATION | | DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs) | | | | | Category | Detailed Reason(s) for Outage | Outage Certifying Agency and Reference Document | % Availability as certified by certifying agency | | | | |
|--------|-----------------------------------|-----------------------------------|---|--------|-----------------|----------------------|--------------------------|--------------------------|----------|----------|-------------|----------|---|---------------|---------|---|------------------|----------|---|---|--|--|--|--|--|
| | | | | | | No. of Tower damaged | No. of insulators failed | | DATE | TIME | DATE | TIME | TOTAL | ISTS Licensee | OTHER S | System constrain t/ Natural calamity/ MItitancy | Deemed Available | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | ER1L1 | 132kV ARA-ARA | 1.7 | ER1 | -- | -- | -- | -- | 10/05/20 | 22:49:00 | 11/05/20 | 01:40:00 | 2.85 | 0.00 | 2.85 | 0.00 | 0.00 | OMSU | TRIPPED ON Y-N FAULT. F.D-2.295KM(BSP TCL JUSDRIC TION) | ERPC | 98.64 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | TOTAL | | | | | | | | | | | | 24.07 | 10.03 | 8.62 | 0.00 | 5.42 | | | | | | | |
| 2 | ER1L2 | 132kV DEHRI - KUDRA | 40 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | ER1L3 | 132kV KUDRA - SASARAM | 17 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | ER1L4 | 132kV Ddhi-SASARAM | 62 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | ER1L5 | 132kV SASARAM- KARAMNASA | 29 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | ER1L6 | 132kV SASARAM-MOHANIA | 13 | ER1 | -- | -- | -- | -- | 19/05/20 | 12:48:00 | 19/05/20 | 13:52:00 | 1.07 | 0.00 | 1.07 | 0.00 | 0.00 | OMSU | TRIPPED DUE TO R-N FAULT. F.D.=13 KM FROM SASARAM (B | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | ER1L7 | 132kV MOHANIA - KARMASA | 11 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | ER1L8 | 132kV DUMRAON-ARA | 1.7 | ER1 | -- | -- | -- | -- | 27/05/20 | 00:14:00 | 27/05/20 | 01:59:00 | 1.75 | 0.00 | 1.75 | 0.00 | 0.00 | OMSU | TRIPPED DUE TO B-N FAULT, F.D.=45.82 KM FROM ARA(BSP | ERPC | 100 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | TOTAL | | | | | | | | | | | | 4.46 | 0.00 | 3.14 | 0.00 | 1.32 | | | | | | | |
| 9 | ER1L9 | 132kV PURNEA-DALKHOLA (LILO PART) | 0.5 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | ER1L10 | 132kV PNR-PRN(LILO PART) | 0.5 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | ER1L11 | 220kV DALKHOLA-PURNEA I | 41 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | ER1L12 | 220kV DALKHOLA-PURNEA II | 41 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | ER1L13 | 220 kV PURNEA - NEW PURNEA-I | 1 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | ER1L14 | 220 kV PURNEA - NEW PURNEA-II | 1 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | ER1L15 | 220kV SASARAM-NADOKHAR II | 5 | ER1 | -- | -- | -- | -- | 10/05/20 | 23:36:00 | 11/05/20 | 19:01:00 | 19.42 | 0.00 | 0.00 | 0.00 | 19.42 | LVRD | S/OFF FOR VOLATGE REGULATION AS PER ERLDC INSTRUCTIO | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | ER1L16 | 220kV NADOKHAR -ARRAH II | 107 | ER1 | -- | -- | -- | -- | 10/05/20 | 23:36:00 | 01/06/20 | 00:00:00 | 504.40 | 0.00 | 0.00 | 0.00 | 504.40 | LVRD | S/OFF FOR V/R AS PER ERLDC INSTRUCTION. | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | ER1L17 | 220kV SASARAM-ARRAH I | 112 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | ER1L18 | 220kV ARA-KHAGOL I | 48.44 | ER1 | -- | -- | -- | -- | 11/05/20 | 00:25:00 | 14/05/20 | 21:10:00 | 92.75 | 0.00 | 0.00 | 0.00 | 92.75 | LVRD | S/OFF FOR V/R AS PER ERLDC INSTRUCTION | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | ER1L19 | 220kV ARA-KHAGOL II | 48.44 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | ER1L20 | 220kV DEHRI-SASARAM | FALSE | ER1 | -- | -- | -- | -- | 11/05/20 | 00:48:00 | 11/05/20 | 19:33:00 | 18.75 | 0.00 | 0.00 | 0.00 | 18.8 | LVRD | S/OFF FOR V/R AS PER ERLDC INSTRUCTION | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | ER1L21 | 220kV SASARAM-SAHUPURI | 4.88 | ER1 | -- | -- | -- | -- | 19/05/20 | 21:26:00 | 20/05/20 | 02:50:00 | 5.40 | 0.00 | 5.40 | 0.00 | 0.00 | OMSU | TRIPPED DUE TO Y-B FAULT, F.D.=77.4 KM FROM SASARAM (| ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | ER1L22 | 220KV RANCHI-CHANDIL-1 | | ER1 | -- | -- | -- | -- | 01/05/20 | 00:00:00 | 01/05/20 | 00:54:00 | 0.90 | 0.00 | 0.90 | 0.00 | 0.00 | OMSU | TRIPPED FROM CHANDIL (JUSNL) END ONLY DUE TO 220/132 | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | ER1L23 | 220kV RANCHI-CHANDIL-II (LILO) | 6.92 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | ER1L24 | 220kV RANCHI-HATIA-I (LILO) | 8.06 | ER1 | -- | -- | -- | -- | 27/05/20 | 09:50:00 | 27/05/20 | 16:43:00 | 6.88 | 0.00 | 6.9 | 0.00 | 0.00 | OMSU | S/D TAKEN BY JUSNL FOR ATTENDING HOT SPOT IN Y-ph AT L | ERPC | 100 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | ER1L25 | 220kV RANCHI-HATIA-II(LILO) | 6.92 | ER1 | -- | -- | -- | -- | 14/05/20 | 15:34:00 | 14/05/20 | 16:15:00 | 0.68 | 0.00 | 0.7 | 0.00 | 0.00 | OMSU | SUCCESSFULLY AUTO-RECLOSED FROM RANCHI END, TRIPPED | ERPC | 100 | | | | |

| Sr.No. | Unique ID of transmission Element | Element Name | Description (Length/ Nos./MV A/MVAr /MW/etc.) | Region | Type of failure | DETAILS OF OUTAGE | | Total outage in days (1) | OUTAGE | | RESTORATION | | DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs) | | | | | Category | Detailed Reason(s) for Outage | Outage Certifying Agency and Reference Document | % Availability as certified by certifying agency | | | | | | | | |
|--------|-----------------------------------|---------------------------------|---|--------|-----------------|----------------------|--------------------------|--------------------------|----------|----------|-------------|----------|---|---------------|---------|---|------------------|----------|---|---|--|--|--|--|--|--|--|--|--|
| | | | | | | No. of Tower damaged | No. of insulators failed | | DATE | TIME | DATE | TIME | TOTAL | ISTS Licensee | OTHER S | System constrain /Natural calamity/ Militancy | Deemed Available | | | | | | | | | | | | |
| | TOTAL | | | | | | | | | | | | 0.00 | 0.68 | 0.00 | 0.00 | | | | | | | | | | | | | |
| 26 | ER1L26 | 220kV GAYA-DEHRI-I(LILO PART) | 11 | ER1 | | | | | 18/05/20 | 14:18:00 | 18/05/20 | 19:51:00 | 5.55 | 0.0 | 5.55 | 0.0 | 0.00 | OMSU | TRIPPED DUE TO Y-B FAULT. F.D.=13.8 KM FROM GAYA (BSF | ERPC | 100 | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | ER1L27 | 220kV GAYA-BODHGAYA(BSEB) I | 12.7 | ER1 | -- | -- | -- | -- | 11/05/20 | 00:27:00 | 11/05/20 | 13:18:00 | 12.85 | 0.0 | 0.0 | 0.0 | 12.85 | LVRD | S/OFF FOR V/R AS PER ERLDC INSTRUCTION | ERPC | 100 | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | ER1L28 | 220kV GAYA-DEHRI-II (LILO PART) | 11 | ER1 | -- | -- | -- | -- | 11/05/20 | 00:49:00 | 11/05/20 | 19:37:00 | 18.8 | 0.0 | 0.0 | 0.0 | 18.80 | LVRD | S/OFF FOR V/R AS PER ERLDC INSTRUCTION | ERPC | 99.55 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | ER1L29 | 220kV GAYA-BODHGAYA(BSEB) II | 12.7 | ER1 | -- | -- | -- | -- | 18/05/20 | 08:35:00 | 18/05/20 | 13:40:00 | 5.08 | 0.0 | 0.0 | 0.0 | 5.1 | LNCC | S/D FOR JUMPER RECTIFICATION AND EARTHWIRE INSTALLA | ERPC | 99.47 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | ER1L30 | 220kV RANCH-HATIA-III(LILO) | 6.92 | ER1 | -- | -- | -- | -- | 14/05/20 | 15:34:00 | 14/05/20 | 16:17:00 | 0.72 | 0.0 | 0.7 | 0.0 | 0.0 | OMSU | TRIPPED DUE TO PROBLEM AT HATIA END. | ERPC | 100 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | ER1L31 | 400kV FARAKKA-KAHALGAON I | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | ER1L32 | 400kV FARAKKA-KAHALGAON II | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | ER1L33 | 400kV KAHALGAON-FARAKKA III | 95.25 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | ER1L34 | 400kV KAHALGAON-FARAKKA IV | 95.25 | ER1 | -- | -- | -- | -- | 12/05/20 | 09:37:00 | 12/05/20 | 20:45:00 | 11.13 | 0.00 | 0.00 | 0.00 | 11.13 | OSPD | S/D TAKEN BY NTPC KAHALGAON FOR LINE BAY AMP WORK | ERPC | 100 | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | ER1L35 | 400kV KAHALGAON-LAKHISARAI I | 145 | ER1 | -- | -- | -- | -- | 26/05/20 | 23:50:00 | 27/05/20 | 16:04:00 | 16.23 | 0.00 | 0.00 | 16.23 | 0.00 | LNCC | TRIPPED DUE TO Y-N FAULT, F.D.=35.76 M FROM LAKHISARA | ERPC | 100 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | ER1L36 | 400kV BIHARSHARIF-LAKHISARAI I | 89 | ER1 | -- | -- | -- | -- | 26/05/20 | 23:50:00 | 27/05/20 | 17:51:00 | 18.02 | 0.00 | 0.00 | 18.02 | 0.00 | LNCC | TRIPPED DUE TO Y-N FAULT.F.D.=102.9 KM FROM BIHARSHA | ERPC | 100 | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | ER1L37 | 400kV KAHALGAON-LAKHISARAI II | 145 | ER1 | -- | -- | -- | -- | 26/05/20 | 23:50:00 | 28/05/20 | 19:54:00 | 44.07 | 0.00 | 0.00 | 44.07 | 0.00 | LNCC | TRIPPED DUE TO R-N FAULT.F.D.=4.42 KM FROM LAKHISARA | ERPC | 100 | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | ER1L38 | 400kV BIHARSHARIF-LAKHISARAI II | 89 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | ER1L39 | 400kV KAHALGAON-BANKA-I | 53.745 | ER1 | -- | -- | -- | -- | 13/05/20 | 09:01:00 | 13/05/20 | 19:16:00 | 10.25 | 0.00 | 0.00 | 10.25 | 0.00 | LNCC | REPLACEMENT OF FLASHED INSULATOR STRING DUE TO SEVE | ERPC | 100 | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | ER1L40 | 400kV BIHARSHARIF-BANKA I | 184.54 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | ER1L41 | 400kV KAHALGAON-BANKA-II | 53.745 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | ER1L42 | 400kV BIHARSHARIF-BANKA II | 184.54 | ER1 | -- | -- | -- | -- | 05/05/20 | 08:53:00 | 05/05/20 | 17:00:00 | 8.12 | 0.0 | 0.00 | 8.1 | 0.00 | LNCC | TRIPPED DUE TO B-N FAULT, F.D.=18.4 KM FROM BSF, F.C.=12.35 KA DUE TO INSULATOR DECAPPING DURING SEVERE LIGHTNING,HEAVY RAIN AND THUNDERSTORM AROUND THE AFFECTED AREA. | ERPC | 100 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | ER1L43 | 400kV JAMSHEDPUR-CHAIBASA I | 46.14 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | ER1L44 | 400kV JAMSHEDPUR-CHAIBASA II | 46.14 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | ER1L45 | 400kV CHAIBASA-ROURKELA I | 131.48 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | | | | | | | | | |
| 46 | ER1L46 | 400kV CHAIBASA-ROURKELA II | 131.48 | ER1 | -- | -- | -- | -- | 04/05/20 | 09:22:00 | 04/05/20 | 09:22:00 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | LART | A/R SUCCESSFULLY OPERATED FROM BOTH END DUE TO Y-N | ERPC | 98.59 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Sr.No. | Unique ID of transmission Element | Element Name | Description (Length/ Nos./MV A/MVAr /MW/etc.) | Region | Type of failure | DETAILS OF OUTAGE | | Total outage in days (I) | OUTAGE | | RESTORATION | | DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs) | | | | | Category | Detailed Reason(s) for Outage | Outage Certifying Agency and Reference Document | % Availability as certified by certifying agency | | |
|--------|-----------------------------------|--|---|--------|-----------------|----------------------|--------------------------|--------------------------|----------|----------|-------------|-------|---|---------------|---------|--|--|---|-------------------------------|---|--|--|--|
| | | | | | | No. of Tower damaged | No. of insulators failed | | DATE | TIME | DATE | TIME | TOTAL | ISTS Licensee | OTHER S | System constrain U/Natural calamity/ Militancy | Deemed Available | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 47 | ER1L47 | 400kV MAITHON-KAHALGAON I | 172 | ER1 | -- | -- | -- | 27/05/20 | 15:49:00 | 27/05/20 | 15:49:00 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | LART | SUCCESSFULLY AUTO-RECLOSED FROM BOTH ENDS DUE TO B | ERPC | 99.46 | | | |
| | TOTAL | | | | | | 15/05/20 | 10:07:00 | 15/05/20 | 14:52:00 | 4.75 | 4.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | OSPT | | | S/D TAKEN BY ER-II FOR LINE CT OIL SAMPLING WORK AT MA | | |
| 48 | ER1L48 | 400kV MAITHON-KAHALGAON II | 172 | ER1 | -- | -- | -- | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 49 | ER1L49 | 400kV BIHARSHARIF-SASARAM-I | 210 | ER1 | -- | -- | -- | 26/05/20 | 23:04:00 | 27/05/20 | 08:27:00 | 9.38 | 0.00 | 0.00 | 9.38 | 0.00 | LNCC | LINE TRIPPED DUE TO R-N FAULT, F.D.=13.3 KM FROM BIHAR | ERPC | 100 | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 50 | ER1L50 | 400kV SASARAM - VARANASI | 143.73 | ER1 | -- | -- | -- | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 51 | ER1L51 | 400kV SARNATH - ALLAHABAD - I | 136 | ER1 | -- | -- | -- | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 52 | ER1L52 | 400kV SASARAM - ALLAHABAD II | 212 | ER1 | -- | -- | -- | | | | | | 0.00 | 0.00 | 0.0 | 0.00 | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 53 | ER1L53 | 400kV BIHARSHARIF - BALIA - I | 241.79 | ER1 | -- | -- | -- | 11/05/20 | 01:24:00 | 11/05/20 | 01:24:00 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | LART | A/R SUCCESSFUL DUE TO B-N FAULT.F.D.=99.61 KM FROM BSF | ERPC | 100 | | | |
| | TOTAL | | | | | | 26/05/20 | 08:10:00 | 26/05/20 | 20:31:00 | 12.35 | 0.0 | 0.0 | 12.4 | 0.0 | LNCC | S/D TAKEN FOR REPLACEMENT OF FLASHED INSULATOR AT L | | | | | | |
| 54 | ER1L54 | 400kV BIHARSHARIF - BALIA -II | 241.79 | ER1 | -- | -- | -- | 27/05/20 | 08:22:00 | 27/05/20 | 20:08:00 | 11.77 | 0.0 | 0.00 | 11.8 | 0.00 | LNCC | S/D TAKEN FOR REPLACEMENT OF FLASHED INSULATOR AT L | ERPC | 100 | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 55 | ER1L55 | 400kV PATNA - BALIA - I | 195 | ER1 | -- | -- | -- | 03/05/20 | 05:15:00 | 03/05/20 | 11:06:00 | 5.85 | 0.00 | 0.00 | 5.85 | 0.00 | LNCC | S/D TAKEN BY NR-III TO ATTEND HEAVY SPARKING IN Y PHAS | ERPC | 100 | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 56 | ER1L56 | 400kV PATNA - BALIA -II | 195 | ER1 | -- | -- | -- | 28/05/20 | 07:59:00 | 28/05/20 | 20:40:00 | 12.68 | 0.00 | 12.68 | 0.00 | 0.00 | OMSU | S/D TAKEN FOR REPLACEMENT OF PORCEAIN INSULATR WITH | ERPC | 100 | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 57 | ER1L57 | 400kV PATNA - BALIA -III | 185 | ER1 | -- | -- | -- | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 58 | ER1L58 | 400kV PATNA - BALIA -IV | 185 | ER1 | -- | -- | -- | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 59 | ER1L59 | 400kV BIHARSHARIF-SASARAM-II | 210 | ER1 | -- | -- | -- | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 60 | ER1L60 | 400kV PATNA-BARH III | 68.66 | ER1 | -- | -- | -- | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 61 | ER1L61 | 400kV PATNA-BARH IV | 68.66 | ER1 | -- | -- | -- | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 62 | ER1L62 | 400kV MUZAFFARPUR -BIHARSHARIF I | 133.3 | ER1 | -- | -- | -- | 08/05/20 | 06:48:00 | 08/05/20 | 20:07:00 | 13.32 | 0.0 | 0.00 | 13.3 | 0.00 | LNCC | S/D TAKEN FOR RECTIFICATION OF SNAPPED OPGW DUE TO S | ERPC | 100 | | | |
| | TOTAL | | | | | | | 07/05/20 | 08:37:00 | 07/05/20 | 20:59:00 | 12.37 | 0.0 | 0.00 | 12.4 | 0.00 | LNCC | S/D TAKEN FOR RECTIFICATION OF OPGW SNAPPED DUE TO S | | | | | |
| 63 | ER1L63 | 400kV MUZAFFARPUR-BIHARSHARIF II | 133.3 | ER1 | -- | -- | -- | 08/05/20 | 06:50:00 | 08/05/20 | 20:09:00 | 13.32 | 0.0 | 0.00 | 13.3 | 0.00 | LNCC | S/D TAKEN FOR RECTIFICATION OF SNAPPED OPGW DUE TO S | ERPC | 100 | | | |
| | TOTAL | | | | | | | 05/05/20 | 08:58:00 | 05/05/20 | 17:42:00 | 8.73 | 0.0 | 0.00 | 8.7 | 0.00 | LNCC | TRIPPED DUE TO Y-N FAULT, F.D.=62.9 KM FROM BSF, F.C.=6.6 | | | | | |
| 64 | ER1L64 | 400kV KAHALGAON-BARH I | 217.24 | ER1 | -- | -- | -- | | | | | | 28.33 | 0.00 | 0.00 | 28.33 | 0.00 | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 65 | ER1L65 | 400kV KAHALGAON-BARH II | 217.24 | ER1 | -- | -- | -- | 15/05/20 | 09:34:00 | 15/05/20 | 19:24:00 | 9.83 | 0.00 | 0.00 | 0.00 | 0.00 | OSFD | S/D TAKEN BY NTPC KAHALGAON TO ATTEND HOT SPOT OF B | ERPC | 100 | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 66 | ER1L66 | 400kV PATNA-BARH I | 93.04 | ER1 | -- | -- | -- | | | | | | 0.0 | 0.00 | 0.0 | 0.00 | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 67 | ER1L67 | 400kV PATNA-BARH II | 93.04 | ER1 | -- | -- | -- | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 68 | ER1L68 | 400kV MAITHON-RANCHI I | 199.81 | ER1 | -- | -- | -- | 20/05/20 | 07:25:00 | 21/05/20 | 13:33:00 | 30.13 | 0.0 | 0.0 | 30.1 | 0.0 | LNCC | S/D TAKEN FOR REPLACEMENT OF INSULATOR AT LOC. NO- | ERPC | 100 | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 69 | ER1L69 | 400kV RAGHUNATHPUR-MAITHON | 44.02 | ER1 | -- | -- | -- | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 70 | ER1L70 | NCHI-RAGHUNATHPUR KILLO of Maithon-Ranchi -II at Raj | 155.79 | ER1 | -- | -- | -- | 27/05/20 | 15:16:00 | 27/05/20 | 15:16:00 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | LART | SUCCESSFULLY AUTO-RECLOSED FROM BOTH ENDS DUE TO Y | ERPC | 100 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | 05/05/20 | 22:14:00 | 05/05/20 | 22:47:00 | 0.55 | 0.0 | 0.0 | 0.6 | 0.0 | LNCC | TRIPPED DUE TO R-N FAULT. F.D.=19.5 KM FROM RANCHI, F.C.=11.83 KA. THERE WAS SEVERE LIGHTNING, HEAVY RAIN AND THUNDERSTORM AROUND THE AFFECTED AREA. | | | | | | |

| Sr.No. | Unique ID of transmission Element | Element Name | Description (Length/ Nos./MVA/MVAr/MW/etc.) | Region | Type of failure | DETAILS OF OUTAGE | | Total outage in days (1) | OUTAGE | | RESTORATION | | DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs) | | | | Category | Detailed Reason(s) for Outage | Outage Certifying Agency and Reference Document | % Availability as certified by certifying agency | |
|--------|-----------------------------------|--|---|--------|-----------------|----------------------|--------------------------|--------------------------|----------|----------|-------------|----------|---|---------------|---------|---|----------|-------------------------------|--|--|------------------|
| | | | | | | No. of Tower damaged | No. of insulators failed | | DATE | TIME | DATE | TIME | TOTAL | ISTS Licensee | OTHER S | System constrain U/ Natural calamity/ Militancy | | | | | Deemed Available |
| 71 | ER1L71 | 400kV MAITHON RB-RANCHI I | 187.64 | ER1 | -- | -- | -- | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | |
| 72 | ER1L72 | 400kV MAITHON RB-RANCHI II | 187.64 | ER1 | -- | -- | -- | | 31/05/20 | 21:52:00 | 31/05/20 | 21:52:00 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | LART | A/R SUCCESSFULLY OPERATED FROM BOTH END ON Y-N FAULT | ERPC | 100 |
| | TOTAL | | | | | | | | 13/05/20 | 12:33:00 | 13/05/20 | 14:06:00 | 1.55 | 0.0 | 1.6 | 0.0 | 0.0 | OMSU | TRIPPED DUE TO LA BLASTED AT MPL END | | |
| 73 | ER1L73 | 400kV RANCHI-ROURKELA I | 144.45 | ER1 | -- | -- | -- | | 28/05/20 | 09:42:00 | 28/05/20 | 19:50:00 | 10.13 | 0.0 | 0.0 | 10.1 | 0.0 | LNCC | S/D TAKEN FOR REPLACEMENT OF FLASHED INSULATOR AT LOC. | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 10.13 | 0.00 | 0.00 | 10.13 | 0.00 | | | | |
| 74 | ER1L74 | 400kV RANCHI-ROURKELA II | 144.45 | ER1 | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 75 | ER1L75 | 400kV BIHARSHARIF-KODERMA I | 110.69 | ER1 | | | | | 07/05/20 | 14:43:00 | 07/05/20 | 19:55:00 | 5.2 | 0.00 | 0.00 | 5.20 | 0.00 | LNCC | TRIPPED DUE TO R-Y-B FAULT. FD=53.57KM FROM BIHARSHARIF AND FC-Ir-10.5KM.Iy-9.96KA.Ib-10.87KA.THERE WAS SEVERE LIGHTNING,HEAVY RAIN AND THUNDERSTORM AROUND THE AFFECTED AREA. | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 5.20 | 0.00 | 0.00 | 5.20 | 0.00 | | | | |
| 76 | ER1L76 | 400kV BIHARSHARIF-KODERMA II | 110.69 | ER1 | -- | -- | -- | | 10/05/20 | 08:41:00 | 10/05/20 | 13:18:00 | 4.62 | 0.00 | 0.00 | 0.00 | 4.62 | LCSD | S/D TAKEN FOR OPGW INSTALLATION RELATED WORK UNDER | ERPC | 100 |
| | TOTAL | | | | | | | | 12/05/20 | 11:16:00 | 12/05/20 | 16:12:00 | 4.93 | 0.00 | 0.00 | 0.00 | 4.93 | OSFD | EMEREGCNY S/D TAKEN FOR A/R CHECKING WORK AT DVC KODERMA | | |
| | TOTAL | | | | | | | | | | | | 9.55 | 0.00 | 0.00 | 0.00 | 9.55 | | | | |
| 77 | ER1L77 | 400kV BIHARSHARIF-VARANASI - I | 321 | ER1 | -- | -- | -- | | 26/05/20 | 23:04:00 | 27/05/20 | 04:18:00 | 5.23 | 0.00 | 0.00 | 5.23 | 0.00 | LNCC | TRIPPED DUE TO B-N FAULT, F.D.=10 KM FROM BIHARSHARIF | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 5.23 | 0.00 | 0.00 | 5.23 | 0.00 | | | | |
| 78 | ER1L78 | 400kV BIHARSHARIF-VARANASI - II | 321 | ER1 | -- | -- | -- | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | |
| 79 | ER1L79 | 765kV GAYA-BALLIA | 237.7 | ER1 | -- | -- | -- | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 80 | ER1L80 | 400kV JAMSHEDPUR(DVC)-BARIPADA | 108.29 | ER1 | -- | -- | -- | | 26/05/20 | 09:27:00 | 26/05/20 | 19:15:00 | 9.8 | 0.00 | 0.00 | 9.80 | 0.00 | LMAC | S/D TAKEN FOR REPLACEMENT OF INSULATOR AT LOC. NO.-2 | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 9.80 | 0.00 | 0.00 | 9.80 | 0.00 | | | | |
| 81 | ER1L81 | 400kV BARIPADA-JAMSHEDPUR II | 140.28 | ER1 | -- | -- | -- | | | | | | | 0.0 | 0.00 | 0.0 | 0.00 | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 82 | ER1L82 | 400kV JAMSHEDPUR-JAMSHEDPUR(DVC) | 108.29 | ER1 | -- | -- | -- | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 83 | ER1L83 | SASARAM - NABINAGAR I | 81.65 | ER1 | -- | -- | -- | | 30/05/20 | 19:03:00 | 30/05/20 | 21:08:00 | 2.08 | 0.00 | 2.08 | 0.00 | 0.00 | OMSU | TRIPPED DUE TO DT RECEIVED AT SASARAM | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 2.08 | 0.00 | 2.08 | 0.00 | 0.00 | | | | |
| 84 | ER1L84 | SASARAM - NABINAGAR II | 81.65 | ER1 | -- | -- | -- | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 85 | ER1L85 | 400kV MOTHARI - GORAKHPUR - I (LILO BARH-GKP-1) | 153.2 | ER1 | -- | -- | -- | | 14/05/20 | 11:24:00 | 14/05/20 | 15:51:00 | 4.45 | 0.0 | 0.0 | 4.5 | 0.0 | LNCC | S/D FOR RECTIFICATION OF EARTH WIRE SAG BETWEEN LOC. | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 4.45 | 0.00 | 0.00 | 4.45 | 0.00 | | | | |
| 86 | ER1L86 | 400kV MOTHARI - GORAKHPUR - II (LILO BARH-GKP-2) | 153.2 | ER1 | -- | -- | -- | | 01/05/20 | 09:02:00 | 01/06/20 | 00:00:00 | 734.97 | 0.00 | 734.97 | 0.00 | 0.00 | OMSU | LINE KEPT OPEN DUE TO PROBLEM AT DMTCL END. TOWER/ | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 734.97 | 0.00 | 734.97 | 0.00 | 0.00 | | | | |
| 87 | ER1L87 | 400kV BARH-MOTHARI- I (LILO BARH-GKP-1) | 199.8 | ER1 | -- | -- | -- | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.0 | 0.00 | 0.00 | 0.00 | | | | |
| 88 | ER1L88 | 400kV BARH-MOTHARI- II (LILO BARH-GKP-2) | 199.8 | ER1 | -- | -- | -- | | 30/05/20 | 19:22:00 | 30/05/20 | 21:59:00 | 2.62 | 0.0 | 0.0 | 14.8 | 0.0 | LNCC | TRIPPED DUE TO Y-N FAULT. FD-79.1KM FROM BARH, FC-4.6 | ERPC | 86.6 |
| | TOTAL | | | | | | | | 11/05/20 | 02:48:00 | 11/05/20 | 17:35:00 | 14.78 | 0.0 | 0.0 | 0.9 | 0.0 | LNCC | TRIPPED DUE TO Y-N FAULT. F.D.=78.8 KM FROM BARH F.C. | | |
| | TOTAL | | | | | | | | 10/05/20 | 23:56:00 | 11/05/20 | 00:48:00 | 0.87 | 0.0 | 0.0 | 0.0 | 0.0 | LNCC | TRIPPED ON Y-N FAULT. F.D-93.69 KM FROM BARH F.C-4.65 KM | | |
| | TOTAL | | | | | | | | 07/05/20 | 12:51:00 | 07/05/20 | 13:26:00 | 0.58 | 0.0 | 0.0 | 0.6 | 0.0 | LNCC | TRIPPED DUE TO Y-N FAULT, F.D.=78.6 KM FROM BARH F.C. | | |
| | TOTAL | | | | | | | | 30/05/20 | 22:05:00 | 31/05/20 | 18:47:00 | 20.7 | 0.0 | 0.0 | 20.7 | 0.0 | LNCC | TRIPPED DUE TO Y-N FAULT. FD-78.8KM FROM BARH, FC-3.2 | | |
| | TOTAL | | | | | | | | 20/05/20 | 13:23:00 | 20/05/20 | 14:39:00 | 1.27 | 0.0 | 1.3 | 0.0 | 0.0 | OMSU | LINE TRIPPED DUE TO R-N FAULT. F.D.=22.6 KM FROM MOTI | | |
| | TOTAL | | | | | | | | | | | | 40.82 | 0.00 | 1.27 | 39.55 | 0.00 | | | | |
| 89 | ER1L89 | 400kV GAYA - KODERMA - II | 118.2 | ER1 | -- | -- | -- | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 90 | ER1L90 | 400kV GAYA-MAITHON II | 277 | ER1 | -- | -- | -- | | 06/05/20 | 10:47:00 | 06/05/20 | 17:11:00 | 6.4 | 0.00 | 6.40 | 0.00 | 0.00 | OMSU | S/D TAKEN TO FACILITATE THE S/D OF 400 KV GAYA-KODERMA | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 6.40 | 0.00 | 6.40 | 0.00 | 0.00 | | | | |
| 91 | ER1L91 | 400kV GAYA-KODERMA-I | 118.2 | ER1 | -- | -- | -- | | 06/05/20 | 10:41:00 | 06/05/20 | 16:51:00 | 6.17 | 0.00 | 0.00 | 6.17 | 0.00 | LNCC | S/D TAKEN FOR FIXING OF DETACHED JUMPER FROM PILOT INSULATOR AT LOC NO.89 DUE TO SEVERE STORM AND TIGHTNING OF EARTHWIRE BETWEEN TOWER NO.74 & 75. | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 6.17 | 0.00 | 0.00 | 6.17 | 0.00 | | | | |
| 92 | ER1L92 | 400kV GAYA-MAITHON-I | 277 | ER1 | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | | | | | | | | |

| Sr.No. | Unique ID of transmission Element | Element Name | Description (Length/ Nos./MV A/MVAr /MW/etc.) | Region | Type of failure | DETAILS OF OUTAGE | | Total outage in days (I) | OUTAGE | | RESTORATION | | DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs) | | | | Category | Detailed Reason(s) for Outage | Outage Certifying Agency and Reference Document | % Availability as certified by certifying agency |
|--------|-----------------------------------|-----------------------------------|---|--------|-----------------|----------------------|--------------------------|--------------------------|----------|----------|-------------|----------|---|---------------|---------|--|----------|-------------------------------|--|--|
| | | | | | | No. of Tower damaged | No. of insulators failed | | DATE | TIME | DATE | TIME | TOTAL | ISTS Licensee | OTHER S | System constrain / Natural calamity/ Militancy | | | | |
| 93 | ERIL93 | 400KV RANCHI-NEW RANCHI II | 78.6 | ER1 | -- | -- | -- | -- | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | | | | | 0.00 | 0.00 | | | 0.00 | 0.00 |
| 94 | ERIL94 | 400KV RANCHI-NEW RANCHI I | 78.6 | ER1 | -- | -- | -- | -- | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | | | | | 0.00 | 0.00 | | | 0.00 | 0.00 |
| 95 | ERIL95 | 400KV RANCHI-NEW RANCHI III | 78.6 | ER1 | -- | -- | -- | -- | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | | | | | 0.00 | 0.00 | | | 0.00 | 0.00 |
| 96 | ERIL96 | 400KV RANCHI-NEW RANCHI IV | 78.6 | ER1 | -- | -- | -- | -- | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | | | | | 0.00 | 0.00 | | | 0.00 | 0.00 |
| 97 | ERIL97 | 400 KV BOKARO-KODERMA-I | 100 | ER1 | -- | -- | -- | -- | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | 30/05/20 | 12:58:00 | 30/05/20 | 20:37:00 | 7.65 | 0.00 | 0.00 | 7.65 | | | 0.00 | LNCC |
| 98 | ERIL98 | 400 KV BOKARO-KODERMA-II | 100 | ER1 | -- | -- | -- | -- | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | |
| 99 | ERIL99 | 400 KVPATNA - KISHANGANJ -I | 346.72 | ER1 | -- | -- | -- | -- | 05/05/20 | 08:13:00 | 05/05/20 | 08:54:00 | 0.68 | 0.00 | 0.00 | 0.68 | 0.00 | LNCC | TRIPPED DUE TO R-N FAULT, F.D=19.69 KM FROM PATNA, F.C | |
| | TOTAL | | | | | | | | 07/05/20 | 08:47:00 | 07/05/20 | 21:18:00 | 12.52 | 0.00 | 0.00 | 12.52 | 0.00 | OMSU | S/D TAKEN TO FACILITATE S/D OF 400 KV BSF-MUZ LINE FOR | |
| 100 | ERIL100 | 400 KVPATNA - KISHANGANJ -II | 346.72 | ER1 | -- | -- | -- | -- | 05/05/20 | 09:39:00 | 05/05/20 | 13:11:00 | 3.53 | 0.00 | 0.00 | 3.53 | 0.00 | LNCC | TRIPPED DUE TO Y-B FAULT, F.D.=139.5 KM FROM PATNA, F.C | |
| | TOTAL | | | | | | | | 07/05/20 | 08:49:00 | 07/05/20 | 21:24:00 | 12.58 | 0.00 | 0.00 | 12.58 | 0.00 | OMSU | S/D TAKEN TO FACILITATE S/D OF 400 KV BSF-MUZ LINE FOR | |
| 101 | ERIL101 | 765 KV GAYA - VARANASI - II | | ER1 | -- | -- | -- | -- | 08/05/20 | 06:39:00 | 08/05/20 | 21:29:00 | 14.83 | 0.00 | 14.83 | 0.00 | 0.00 | OMSU | S/D TAKEN TO FACILITATE S/D OF 400 KV BSF-MUZ LINE FOR | |
| | TOTAL | | | | | | | | | | | | | | 28.03 | 0.00 | 27.35 | 0.68 | 0.00 | LNCC |
| 102 | ERIL102 | 400 KV GAYA - CHANDAWA - I | 118 | ER1 | -- | -- | -- | -- | 01/05/20 | 12:22:00 | 01/05/20 | 14:16:00 | 1.9 | 0.00 | 0.00 | 1.90 | 0.00 | LNCC | TRIPPED DUE TO Y-B FAULT, F.D.=139.5 KM FROM PATNA, F.C | |
| | TOTAL | | | | | | | | 07/05/20 | 23:28:00 | 07/05/20 | 02:34:00 | 3.1 | 0.00 | 0.00 | 3.10 | 0.00 | LNCC | TRIPPED DUE TO Y-B FAULT, F.D.=207.7KM FROM KISHANGANJ | |
| 103 | ERIL103 | 400 KV GAYA - CHANDAWA - II | 118 | ER1 | -- | -- | -- | -- | 05/05/20 | 09:39:00 | 05/05/20 | 13:11:00 | 3.53 | 0.00 | 0.00 | 3.53 | 0.00 | LNCC | TRIPPED DUE TO Y-B FAULT, F.D.=139.9 KM FROM PATNA,F.C | |
| | TOTAL | | | | | | | | 07/05/20 | 08:49:00 | 07/05/20 | 21:24:00 | 12.58 | 0.00 | 0.00 | 12.58 | 0.00 | OMSU | S/D TAKEN TO FACILITATE S/D OF 400 KV BSF-MUZ LINE FOR | |
| 104 | ERIL104 | 400 KV NEW RANCHI - CHANDAWA - I | 68 | ER1 | -- | -- | -- | -- | 08/05/20 | 06:40:00 | 08/05/20 | 21:35:00 | 14.92 | 0.00 | 14.92 | 0.00 | 0.00 | OMSU | S/D TAKEN TO FACILITATE S/D OF 400 KV BSF-MUZ LINE FOR | |
| | TOTAL | | | | | | | | | | | | | | 36.45 | 0 | 27.5 | 8.95 | 0 | |
| 105 | ERIL105 | 400 KV NEW RANCHI - CHANDAWA - II | 68 | ER1 | -- | -- | -- | -- | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | | | | | 0.00 | 0.00 | | | 0.00 | 0.00 |
| 106 | ERIL106 | 765KV SASARAM - FATEHPUR | 354.7 | ER1 | -- | -- | -- | -- | 30/05/20 | 17:27:00 | 30/05/20 | 19:12:00 | 1.75 | 0.00 | 0.00 | 1.75 | 0.00 | LNCC | TRIPPED DUE TO R-N FAULT FAULT, F.D=267.4 KM FROM SAS | |
| | TOTAL | | | | | | | | | | | | | | 1.75 | 0.00 | 0.00 | 1.75 | 0.00 | |
| 107 | ERIL107 | 765KV GAYA - VARANASI -I | 147.81 | ER1 | -- | -- | -- | -- | 10/05/20 | 22:26:00 | 11/05/20 | 00:00:01 | 1.57 | 0.00 | 0.00 | 1.57 | 0.00 | LNCC | TRIPPED ON B-N FAULT, F.D=131.2KM FROM GAYA, F.C=3.97KA. LINE TRIPPED DUE TO HEAVY THUNDERSTORM AND RAIN AROUND THE FAULT AFFECTED AREA. | |
| | TOTAL | | | | | | | | 18/05/20 | 08:17:00 | 18/05/20 | 20:09:00 | 11.87 | 0.00 | 0.00 | 11.87 | 0.00 | 0.00 | 0.00 | OMSU |
| 108 | ERIL108 | 400 KVSASARAM - DALTONGANJ - I | 196.186 | ER1 | -- | -- | -- | -- | 13/05/20 | 08:41:00 | 13/05/20 | 19:43:00 | 11.03 | 0.00 | 11.03 | 0.00 | 0.00 | OMSU | S/D TAKEN FOR STRENGTHENING OF 765 KV DELTA TYPE SUS | |
| | TOTAL | | | | | | | | 15/05/20 | 08:39:00 | 15/05/20 | 20:52:00 | 12.22 | 0.00 | 0.00 | 12.22 | 0.00 | 0.00 | 0.00 | OMSU |
| 109 | ERIL109 | 400 KV SASARAM - DAL TONGANI - II | 196.186 | FR1 | -- | -- | -- | -- | 17/05/20 | 07:53:00 | 17/05/20 | 19:41:00 | 11.8 | 0.00 | 11.80 | 0.00 | 0.00 | OMSU | S/D TAKEN FOR STRENGTHENING OF 765 KV DELTA TYPE SUS | |
| | TOTAL | | | | | | | | 16/05/20 | 08:00:00 | 16/05/20 | 19:51:00 | 11.85 | 0.00 | 11.85 | 0.00 | 0.00 | 0.00 | 0.00 | OMSU |

| Sr.No. | Unique ID of transmission Element | Element Name | Description (Length/ Nos./MV A/MVAr /MW/etc.) | Region | Type of failure | DETAILS OF OUTAGE | | Total outage in days (1) | OUTAGE | | RESTORATION | | DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs) | | | | Category | Detailed Reason(s) for Outage | Outage Certifying Agency and Reference Document | % Availability as certified by certifying agency | |
|--------|-----------------------------------|----------------------------|---|--------|-----------------|----------------------|--------------------------|--------------------------|----------|----------|-------------|----------|---|---------------|---------|---|----------|-------------------------------|--|--|------------------|
| | | | | | | No. of Tower damaged | No. of insulators failed | | DATE | TIME | DATE | TIME | TOTAL | ISTS Licensee | OTHER S | System constrain U/ Natural calamity/ Militancy | | | | | Deemed Available |
| | TOTAL | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 110 | ERIL110 | 400KV GAYA NABINAGAR-I | 354.7 | ER1 | -- | -- | -- | -- | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 111 | ERIL111 | 400KV GAYA NABINAGAR-II | 354.7 | ER1 | -- | -- | -- | -- | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 112 | ERIL112 | 400KV PATNA- NABINAGAR-I | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | | |
| | TOTAL | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | | |
| 113 | ERIL113 | 400KV PATNA- NABINAGAR-II | | | | | | | 03/05/20 | 15:31:00 | 13/05/20 | 14:52:00 | 239.35 | 0.00 | 239.35 | 0.00 | 0.00 | OMSU | TRIPPED ON RECEIVING DT SIGNAL AT PATNA FROM NABINAGAR DUE TO PROBLEM IN CVT AT NABINAGAR END. | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 239.35 | 0.00 | 239.35 | 0.00 | 0.00 | | | | |
| 114 | ERIT1 | 400/220kV ICT1 BHARSHARIFF | 315 | ER1 | -- | -- | -- | -- | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 115 | ERIT2 | 400/220kV ICT2 BHARSHARIFF | 315 | ER1 | -- | -- | -- | -- | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 116 | ERIT3 | 400/220kV ICT3 BHARSHARIFF | 315 | ER1 | -- | -- | -- | -- | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 117 | ERIT4 | 400/220kV ICT4 BHARSHARIFF | 315 | ER1 | -- | -- | -- | -- | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 118 | ERIT5 | 400/220kV ICT1 JAMSHEDPUR | 315 | ER1 | -- | -- | -- | -- | 06/05/20 | 01:21:00 | 06/05/20 | 02:30:00 | 1.15 | 0.00 | 1.15 | 0.00 | 0.00 | OMSU | TRIPPED DUE TO BACKUP OVER CURRENT IN R-ph. FAULT IN S/D TAKEN TO ATTEND HOT SPOT IN 220KV SIDE B-PH ISOLA | ERPC | 99.69 |
| | TOTAL | | | | | | | | 30/04/20 | 11:12:00 | 30/04/20 | 13:28:00 | 2.27 | 2.27 | 0.00 | 0.00 | 0.00 | OSPT | | | |
| 119 | ERIT6 | 400/220kV ICT2 JAMSHEDPUR | 315 | ER1 | -- | -- | -- | -- | 02/05/20 | 12:17:00 | 02/05/20 | 14:13:00 | 1.93 | 0.00 | 0.00 | 1.93 | 0.00 | LNCC | s/d taken for its 220 kv side isolator alignment work which w | ERPC | 99.63 |
| | TOTAL | | | | | | | | 14/05/20 | 11:00:00 | 14/05/20 | 13:43:00 | 2.72 | 2.72 | 0.00 | 0.00 | 0.00 | OSPT | S/D TAKEN FOR REPLACEMENT OF DEFECTIVE OIL IN P HASE | | |
| 120 | ERIT7 | 400/220kV ICT1 NEW PURNEA | 500 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 121 | ERIT8 | 400/220kV ICT2 NEW PURNEA | 315 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 122 | ERIT9 | 400/220kV ICT1 SASARAM | 500 | ER1 | -- | -- | -- | -- | 14/05/20 | 15:09:00 | 14/05/20 | 18:25:00 | 3.27 | 3.27 | 0.00 | 0.00 | 0.00 | OSPT | S/D TAKEN TO ATTEND HOT SPOT IN 220 KV Y PHASE T ISOLA | ERPC | 99.56 |
| | TOTAL | | | | | | | | | | | | 3.27 | 3.27 | 0.00 | 0.00 | 0.00 | | | | |
| 123 | ERIT10 | 400/220kV ICT2 SASARAM | 315 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 124 | ERIT11 | 400/220kV ICT1 MUZ | 315 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 125 | ERIT12 | 400/220kV ICT2 MUZ | 315 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 126 | ERIT13 | 400/220kV ICT1 PATNA | 315 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | | |
| 127 | ERIT14 | 400/220kV ICT2 PATNA | 315 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 128 | ERIT15 | 400/220kV ICT1 RNC | 315 | ER1 | -- | -- | -- | -- | 23/05/20 | 11:20:00 | 23/05/20 | 14:57:00 | 3.62 | 3.62 | 0.00 | 0.00 | 0.00 | OSPT | S/D TAKEN TO ATTEND HOT SPOT IN T ISOLATOR (R PHASE) A | ERPC | 98.46 |
| | TOTAL | | | | | | | | 12/05/20 | 10:37:00 | 12/05/20 | 18:27:00 | 7.83 | 7.83 | 0.00 | 0.00 | 0.00 | OSPT | S/D TAKEN FOR TESTING OF BUSHING / AMP WORK. | | |
| 129 | ERIT16 | 400/220kV ICT2 RNC | 315 | ER1 | -- | -- | -- | -- | | | | | 11.45 | 11.45 | 0 | 0 | 0 | | | | |
| | TOTAL | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 130 | ERIT17 | 400/220kV ICT1 GAYA | 500 | ER1 | -- | -- | -- | -- | 15/05/20 | 11:08:00 | 15/05/20 | 12:06:00 | 0.97 | 0.00 | 0.97 | 0.00 | 0.00 | OMSU | S/D TAKEN FOR TAP CHANGING WORK AS PER ERLDC INSTRU | ERPC | 100 |
| | TOTAL | | | | | | | | 15/05/20 | 13:22:00 | 15/05/20 | 13:32:00 | 0.17 | 0.00 | 0.17 | 0.00 | 0.00 | OMSU | S/D TAKEN FOR TAP CHANGING WORK AS PER ERLDC INSTRU | | |
| 131 | ERIT18 | 400/220kV ICT2 GAYA | 315 | ER1 | -- | -- | -- | -- | 15/05/20 | 12:19:00 | 15/05/20 | 12:38:00 | 0.32 | 0.00 | 0.32 | 0.00 | 0.00 | OMSU | S/D TAKEN FOR TAP CHANGING WORK AS PER ERLDC INSTRUC | ERPC | 100 |
| | TOTAL | | | | | | | | 15/05/20 | 13:06:00 | 15/05/20 | 13:18:00 | 0.2 | 0.00 | 0.20 | 0.00 | 0.00 | OMSU | S/D TAKEN FOR TAP CHANGING WORK AS PER ERLDC INSTRU | | |
| 132 | ERIT19 | 400/220kV ICT3 GAYA | 500 | ER1 | -- | -- | -- | -- | 15/05/20 | 12:44:00 | 15/05/20 | 13:00:00 | 0.27 | 0.00 | 0.27 | 0.00 | 0.00 | OMSU | S/D TAKEN FOR TAP CHANGING WORK AS PER ERLDC INSTRU | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 0.27 | 0.00 | 0.27 | 0.00 | 0.00 | | | | |
| 133 | ERIT20 | 400/132kV ICT1 BANKA | 200 | ER1 | -- | -- | -- | -- | 23/05/20 | 18:58:00 | 23/05/20 | 20:57:00 | 1.98 | 0.00 | 1.98 | 0.00 | 0.00 | OMSU | S/D TAKEN FOR FACILITATING S/D WORK FOR 132 KV BUS 1 | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 1.98 | 0.00 | 1.98 | 0.00 | 0.00 | | | | |
| 134 | ERIT21 | 400/132kV ICT 2 BANKA | 200 | ER1 | -- | -- | -- | -- | 23/05/20 | 18:59:00 | 23/05/20 | 20:57:00 | 1.97 | 0.00 | 1.97 | 0.00 | 0.00 | OMSU | S/D TAKEN FOR FACILITATING S/D WORK OF 132 KV BUS | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 1.97 | 0.00 | 1.97 | 0.00 | 0.00 | | | | |
| 135 | ERIT22 | 765/400kV ICT1 GAYA | 1500 | ER1 | -- | -- | -- | -- | | | | | 0.00 | | | | | | ERPC | 100 | |

| Sr.No. | Unique ID of transmission Element | Element Name | Description (Length/ Nos./MV A/MVAr /MW/etc.) | Region | Type of failure | DETAILS OF OUTAGE | | Total outage in days (1) | OUTAGE | | RESTORATION | | DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs) | | | | Category | Detailed Reason(s) for Outage | Outage Certifying Agency and Reference Document | % Availability as certified by certifying agency | | |
|--------|-----------------------------------|---------------------------------------|---|--------|-----------------|----------------------|--------------------------|--------------------------|----------|----------|-------------|----------|---|---------------|---------|---|----------|-------------------------------|---|--|------------------|-----|
| | | | | | | No. of Tower damaged | No. of insulators failed | | DATE | TIME | DATE | TIME | TOTAL | ISTS Licensee | OTHER S | System constrain /Natural calamity/ Militancy | | | | | Deemed Available | |
| | TOTAL | | | | | | | | | | | | 0.00 | 1.97 | 0.00 | 0.00 | | | | | | |
| 136 | ER1T23 | 765/400kV ICT2 GAYA | 1500 | ER1 | -- | -- | -- | -- | 07/05/20 | 10:17:00 | 07/05/20 | 18:03:00 | 7.77 | 0.00 | 7.77 | 0.00 | 0.00 | 0.00 | OMSU | S/D TAKEN FOR SHIFTING OF Y PHASE ICT ON SPARE ICT | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 7.77 | 0.00 | 7.77 | 0.00 | 0.00 | | | | | |
| 137 | ER1T24 | 765/400kV ICT3 GAYA | 1500 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 138 | ER1T25 | 765/400kV ICT2 GAYA | 1500 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 139 | ER1T26 | 220/132kV ICT1 PRN | 160 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 140 | ER1T27 | 220/132kV ICT2 PRN | 160 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 141 | ER1T28 | 220/132kV ICT3 PRN | 160 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 142 | ER1T29 | 220/132kV ICT1 ARRAH | 100 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 143 | ER1T30 | 220/132kV ICT2 ARRAH | 100 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 144 | ER1T31 | 765/400/220 kV ICT 1 SASARAM | 1500 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 145 | ER1T32 | 765/400kV ICT1 RANCHI(NEW) | 1500 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 146 | ER1T33 | 765/400kV ICT2 RANCHI(NEW) | 1500 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 147 | ER1T34 | 400/132kV ICT1 LAKHISARAI | 200 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 148 | ER1T35 | 400/132kV ICT 2 LAKHISARAI | 200 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 149 | ER1T36 | 400/220kV ICT 2 CHAIBASA | 315 | ER1 | -- | -- | -- | -- | 06/05/20 | 01:13:00 | 06/05/20 | 03:23:00 | 2.17 | 0.00 | 2.17 | 0.00 | 0.00 | 0.00 | OMSU | TRIPPED DUE TO PROBLEM AT CHAINBASA(JUSNL) END. | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 2.17 | 0.00 | 2.17 | 0.00 | 0.00 | | | | | |
| 150 | ER1T37 | 400/220kV ICT 1 CHAIBASA | 315 | ER1 | -- | -- | -- | -- | 06/05/20 | 01:13:00 | 06/05/20 | 03:51:00 | 2.63 | 0.00 | 2.63 | 0.00 | 0.00 | 0.00 | OMSU | TRIPPED DUE TO PROBLEM AT CHAINBASA(JUSNL) END. | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 2.63 | 0.00 | 2.63 | 0.00 | 0.00 | | | | | |
| 151 | ER1T38 | 220/132kV ICT3 ARRAH | 160 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 152 | ER1T39 | 400/220kV ICT3 MUZZAFFERPUR | 500 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 153 | ER1T40 | 400/220kV ICT2 KISHANGANJ | 500 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 154 | ER1T41 | 400/220 kV ICT1 AT KISHANGANJ | 500 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 155 | ER1T42 | 400/220kV ICT3 JAMSHEDPUR | 315 | ER1 | -- | -- | -- | -- | 08/05/20 | 10:43:00 | 08/05/20 | 17:10:00 | 6.45 | 0.00 | 6.45 | 0.00 | 0.00 | 0.00 | OMSU | RAMCHANDARPUR(JUSNL).THE SAID ICT COULD NOT | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 6.45 | 0.00 | 6.45 | 0.00 | 0.00 | | | | | |
| 156 | ER1T43 | 400/220kV ICT3 PATNA | 500 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 157 | ER1T44 | 400/220kV ICT1 DALTONGANJ | 315 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 158 | ER1T45 | 220/132 kV ICT1 DALTONGANJ | 160 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 159 | ER1T46 | 220/132 kV ICT2 DALTONGANJ | 160 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 160 | ER1T47 | 400/220kV ICT2 DALTONGANJ | 315 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 161 | ER1T48 | 400/132kV ICT 3 BANKA | 315 | ER1 | -- | -- | -- | -- | 23/05/20 | 18:59:00 | 23/05/20 | 20:56:00 | 1.95 | 0.00 | 1.95 | 0.00 | 0.00 | 0.00 | OMSU | S/D TAKEN FOR FACILITATING S/D WORK OF 132 KV BUS | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | 1.95 | 0.00 | 1.95 | 0.00 | 0.00 | | | | | |
| 162 | ER1T49 | 400/132kV ICT 3 LAKHISARAI | 315 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 163 | ER1R1 | 50 MVAR B/R-1 AT BHARSHARIF | 50 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 164 | ER1R2 | 50 MVAR B/R-1 AT JMASHEDPUR | 50 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 165 | ER1R3 | 50 MVAR BUS REACTOR-II, JAMSHEDPUR II | 50 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 166 | ER1R4 | 400kV BUS REACTOR MUZZAFFERPUR | 63 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | | |
| 167 | ER1R5 | 80 MVAR BARH-ILR AT PATNA | 80 | ER1 | -- | -- | -- | -- | | | | | | | | | | | | | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |

| Sr.No. | Unique ID of transmission Element | Element Name | Description (Length/ Nos./MVA/MVAr/MW/etc.) | Region | Type of failure | DETAILS OF OUTAGE | | Total outage in days (1) | OUTAGE | | RESTORATION | | DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs) | | | | Category | Detailed Reason(s) for Outage | Outage Certifying Agency and Reference Document | % Availability as certified by certifying agency |
|--------|-----------------------------------|--------------------------------------|---|--------|-----------------|----------------------|--------------------------|--------------------------|--------|------|-------------|------|---|--------------|---------|--|----------|-------------------------------|---|--|
| | | | | | | No. of Tower damaged | No. of insulators failed | | DATE | TIME | DATE | TIME | TOTAL | ISTS License | OTHER S | System constrain / Natural calamity/ Militancy | | | | |
| 168 | ER1R6 | 400kV BUS REACTOR RANCHI | 80 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 169 | ER1R7 | 80 MVAR B/R AT BIHARSHARIF | 80 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 170 | ER1R8 | 125 MVAR B/R - IAT NEW PURNEA | 125 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 171 | ER1R9 | 125 MVAR B/R - II AT NEW PURNEA | 125 | ER1 | -- | -- | -- | -- | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 172 | ER1R10 | 3*80 B/R AT GAYA | 80 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 173 | ER1R11 | 3*80 B/R II AT GAYA | 80 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 174 | ER1R12 | 50 MVAR MTN RB-2 L/R AT RANCHI | 50 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 175 | ER1R13 | 50 MVAR GAYA L/R AT BIHARSHARIF | 50 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 176 | ER1R14 | 50 MVAR SSRM-III L/R AT BIHARSHARIF | 50 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 177 | ER1R15 | 400kV BUS REACTOR-I GAYA 125MVAR | 125 | ER1 | -- | -- | -- | -- | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | | |
| 178 | ER1R16 | 400kV BUS REACTOR II,GAYA | 125 | ER1 | -- | -- | -- | -- | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 179 | ER1R17 | 765kV BUS REACTOR II, GAYA | 240 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 180 | ER1R18 | 765kV BUS REACTOR-I,GAYA | 240 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 181 | ER1R19 | 125 MVAR B/R - IAT PSL | 125 | ER1 | -- | -- | -- | -- | | | | | 0.0 | 0.0 | 0.0 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 182 | ER1R20 | 125 MVAR B/R - II AT PASAULI | 125 | ER1 | -- | -- | -- | -- | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 183 | ER1R21 | 63 MVAR GKP - I L/R AT MUZZAFERPUR | 63 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 184 | ER1R22 | 63 MVAR GKP - II L/R AT MUZZAFERPUR | 63 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 185 | ER1R23 | 63 MVAR NPRN - I L/R AT MUZZAFERPUR | 63 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 186 | ER1R24 | 63 MVAR NPRN - II L/R AT MUZZAFERPUR | 63 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 187 | ER1R25 | 63 MVAR MUZ - I L/R AT NPRN | 63 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 188 | ER1R26 | 63 MVAR MUZ - II L/R AT NPRN | 63 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 189 | ER1R27 | 63 MVAR BSF - I L/R AT PSL | 63 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 190 | ER1R28 | 63 MVAR BSF - II L/R AT PSL | 63 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 191 | ER1R29 | 50 MVAR BSF - III L/R AT PSL | 50 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 192 | ER1R30 | 50 MVAR BALIA L/R AT PSL | 50 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 193 | ER1R31 | 63 MVAR ALLAHABAD-I L/R AT PSL | 63 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 194 | ER1R32 | 63 MVAR SARNATH-I L/R AT PSL | 63 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 195 | ER1R33 | 50 MVAR B/R - IAT GAYA | 50 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 196 | ER1R34 | 50 MVAR B/R - II AT GAYA | 50 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 197 | ER1R35 | 50 MVAR L/R - IAT BANKA | 50 | ER1 | -- | -- | -- | -- | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | ERPC | 100 | |
| | TOTAL | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |

| Sr.No. | Unique ID of transmission Element | Element Name | Description (Length/ Nos./MVA/MVar/MW/etc.) | Region | Type of failure | DETAILS OF OUTAGE | | Total outage in days (1) | OUTAGE | | RESTORATION | | DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs) | | | | | Category | Detailed Reason(s) for Outage | Outage Certifying Agency and Reference Document | % Availability as certified by certifying agency | | | |
|--------|-----------------------------------|---|---|--------|-----------------|----------------------|--------------------------|--------------------------|----------|----------|-------------|----------|---|--------------|---------|---|------------------|----------|--|---|--|--|--|--|
| | | | | | | No. of Tower damaged | No. of insulators failed | | DATE | TIME | DATE | TIME | TOTAL | ISTS License | OTHER S | System constrain /Natural calamity/ Militancy | Deemed Available | | | | | | | |
| 198 | ER1R36 | 50 MVAR L/R - 2 AT BANKA | 50 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 199 | ER1R37 | 80 MVAR B/R - 1 AT BANKA | 80 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | | | | |
| 200 | ER1R38 | 125 3Ph B/R I AT SASARAM | | | | | | | 29/04/20 | 21:31:00 | 01/05/20 | 11:07:00 | 35.12 | 0.00 | 0.00 | 0.00 | 35.12 | SVRD | S/OFF FOR V/R AS PER ERLDC INSTRUCTION | ERPC | 100 | | | |
| | TOTAL | | | | | | | | | | | | | | 205.54 | 0.00 | 0.00 | 0.00 | 205.54 | SVRD | S/OFF FOR V/R AS PER ERLDC INSTRUCTION | | | |
| 201 | ER1R39 | 125 3Ph B/R II AT SASARAM | 125 | ER1 | -- | -- | -- | -- | 04/05/20 | 20:12:00 | 11/05/20 | 00:09:00 | 147.95 | 0.00 | 0.00 | 0.00 | 147.95 | SVRD | S/OFF FOR V/R AS PER ERLDC INSTRUCTION | ERPC | 100 | | | |
| | TOTAL | | | | | | | | | | | | | | 260.32 | 0.00 | 0.00 | 0.00 | 260.32 | SVRD | S/OFF FOR V/R AS PER ERLDC INSTRUCTION | | | |
| 202 | ER1R40 | 3*110 MVAR 1 PH B/R - I AT SASARAM | 330 | ER1 | -- | -- | -- | -- | 12/04/20 | 19:06:00 | | 00:00:00 | 792 | 0.00 | 0.00 | 0.00 | 792.00 | SVRD | S/OFF FOR V/R AS PER ERLDC INSTRUCTION | ERPC | 100 | | | |
| | TOTAL | | | | | | | | | | | | | | 5.27 | 0.00 | 0.00 | 0.00 | 5.27 | SVRD | S/OFF FOR V/R AS PER ERLDC INSTRUCTION | | | |
| 203 | ER1R41 | 3*110 MVAR 1 PH LR - I AT SASARAM (AS B/R) | 330 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 204 | ER1R42 | 125 MVAR BUS REACTOR-1 RANCHI | 125 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 205 | ER1R43 | 125 MVAR BUS REACTOR-1 PATNA | 125 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 206 | ER1R44 | 80 MVAR PURNEA-1 LR at Biharsharif | 80 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 207 | ER1R45 | 80 MVAR PURNEA-2 LR at Biharsharif | 80 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 208 | ER1R46 | 125 MVAR BARH-2 LR PATNA | 125 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | | |
| 209 | ER1R47 | 125 MVAR BUS REACTOR-1 NEW RANCHI | 125 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 210 | ER1R48 | 125 MVAR BUS REACTOR-2 NEW RANCHI | 125 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 211 | ER1R49 | 3*80MVAR 1 PH LR - I AT NEW RANCHI | 240 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 212 | ER1R50 | 3*80MVAR 1 PH B/R - II AT NEW RANCHI | 240 | ER1 | -- | -- | -- | -- | 19/05/20 | 09:32:00 | 19/05/20 | 17:22:00 | 7.83 | 7.83 | 0.00 | 0.00 | 0.00 | OSPT | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 7.83 | 7.83 | 0.00 | 0.00 | | | | | |
| 213 | ER1R51 | 80 MVAR B/R - 1 AT LAKHISARAI | 80 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 214 | ER1R52 | 3*80MVAR 1 PH B/R - I AT NEW RANCHI | 240 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 215 | ER1R53 | 80MVAR NABINAGAR LR-I AT PATNA | 80 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 216 | ER1R54 | 80MVAR NABINAGAR LR-II AT PATNA | 80 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 217 | ER1R55 | 80 MVAR DHARAMJAYGARH LR-II AS BR AT NEW RANCHI | 240 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 218 | ER1R56 | 125 MVAR BR-II AT MUZAFFERPUR | 125 | ER1 | -- | -- | -- | -- | 18/05/20 | 21:21:00 | 20/05/20 | 09:52:00 | 36.52 | 0.00 | 0.00 | 0.00 | 36.52 | SVRD | S/OFF FOR V/R AS PER ERLDC INSTRUCTION | ERPC | 100 | | | |
| | TOTAL | | | | | | | | | | | | | | | 13.1 | 0.00 | 0.00 | 0.00 | 13.10 | SVRD | S/OFF FOR V/R AS PER ERLDC INSTRUCTION | | |
| 219 | ER1R57 | 125 MVAR BR-I AT MUZAFFERPUR | 125 | ER1 | -- | -- | -- | -- | 17/05/20 | 20:30:00 | 28/05/20 | 03:55:00 | 247.42 | 0.00 | 0.00 | 0.00 | 247.42 | SVRD | S/OFF FOR V/R AS PER ERLDC INSTRUCTION | ERPC | 100 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| 220 | ER1R58 | 125 MVAR BR-III AT Biharsharif | 125 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | | | | | |
| 221 | ER1R59 | 125 MVAR BR-I AT Kishanganj | 125 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 222 | ER1R60 | 125 MVAR BR-I AT Chandawa | 125 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 223 | ER1R61 | 125 MVAR BR-II AT Chandawa | 125 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 224 | ER1R62 | 80 MVAR B/R AT CHAIBASA | 80 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |
| 225 | ER1R63 | 3*80 1ph VARANASI LR-II at Gaya | 240 | ER1 | -- | -- | -- | -- | | | | | | | | | | | ERPC | 100 | | | | |
| | TOTAL | | | | | | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | |

| Sr.No. | Unique ID of transmission Element | Element Name | Description (Length/Nos./MVA/MVAR/MW/etc.) | Region | Type of failure | DETAILS OF OUTAGE | | Total outage in days (I) | OUTAGE | | RESTORATION | | DURATION OF OUTAGE ATTRIBUTABLE TO (in Hrs) | | | | Category | Detailed Reason(s) for Outage | Outage Certifying Agency and Reference Document | % Availability as certified by certifying agency | |
|--------|-----------------------------------|---|--|--------|-----------------|----------------------|--------------------------|--------------------------|----------|----------|-------------|----------|---|--------------|---------|--|----------|-------------------------------|---|--|------------------|
| | | | | | | No. of Tower damaged | No. of insulators failed | | DATE | TIME | DATE | TIME | TOTAL | ISTS License | OTHER S | System constrain / Natural calamity/ Militancy | | | | | Deemed Available |
| 226 | ER1R64 | 125 MVAR B/R - I1 AT KISHENGANJ | 125 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 227 | ER1R65 | 80 MVAR PATNA LR - I1 AT KISHENGANJ | 80 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 228 | ER1R66 | 80 MVAR PATNA LR - II AT KISHENGANJ | 80 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 229 | ER1R67 | VAR L/R OF 400 kV BARH - GORAKHPUR - I AT GORAKH | 80 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 230 | ER1R68 | VAR L/R OF 400 kV BARH - GORAKHPUR - II AT GORAKH | 80 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 231 | ER1R69 | 240 MVAR L/R OF 765 kV GAYA - BALIA LINE AT BALIA | 240 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 232 | ER1R70 | VAR L/R OF 765 kV SASARAM - FATEHPUR LINE AT SAS | 330 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 233 | ER1R71 | VAR L/R OF 765 kV SASARAM - FATEHPUR LINE AT FAT | 330 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 234 | ER1R72 | MVAR L/R OF 765 kV GAYA - VARANASI - I LINE AT GA | 240 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 235 | ER1R73 | VAR L/R OF 765 kV GAYA - VARANASI - I LINE AT VAR | 240 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 236 | ER1R74 | MVAR L/R OF 765 kV GAYA - VARANASI - II LINE AT GA | 240 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 237 | ER1R75 | VAR L/R OF 765 kV GAYA - VARANASI - II LINE AT VAR | 240 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 238 | ER1R76 | 125MVAR, 400kV BUS REACTOR-III, AT JAMSHEDPUR | 125 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 239 | ER1R77 | 80 MVAR BUS REACTOR AT DALTONGANJ | 80 | ER1 | -- | -- | -- | -- | 01/05/20 | 18:52:00 | 01/06/20 | 00:00:00 | 725.13 | 0.00 | 0.00 | 0.00 | 725.13 | SVRD | S/OFF FOR V/R AS PER ERLDC INSTRUCTION | ERPC | 100 |
| | TOTAL | | | | | | | | | | | | | | 725.13 | 0.00 | 0.00 | 0.00 | 725.13 | | |
| 240 | ER1R78 | 125 MVAR BR-IV AT Biharsharif | 125 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | |
| 241 | ER1R79 | 125 MVAR BR-II AT Lakhisarai | 125 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | | | | | | | | | | | |
| 242 | ER1R80 | 40 MVAR L/R of 400 kV Biharsharif - Sasaram - I AT Biharsharif | 50 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | |
| 243 | ER1R81 | MVAR L/R of 400 kV Biharsharif - Lakhisarai - II AT Biharsharif | 50 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 244 | ER1R82 | MVAR L/R of 400 kV Kishanganj- Darbhanga - II AT Kishanganj | 80 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 245 | ER1 ST01 | STATCOM AT New ranchi | -550+300 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 246 | ER1 ST02 | STATCOM AT Kishanganj | -450+200 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 247 | ER1R83 | BANKA-BUS REACTOR-2 | 125 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |
| 248 | ER1R84 | 63 MVAR KISHANGANJ-I L/R AT PURNEA | 63 | ER1 | -- | -- | -- | -- | | | | | | | | | | ERPC | 100 | | |
| | TOTAL | | | | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | |