

## List of Critical elements

As on 31.08.2026

### Critical Transmission lines

| Sl. No. | Region | Project Name                                                                                                                              | Elements/Description of Project                                                                                                                              | RTM/ TBCB | Name of Executing agency | SCOD of element | Anticipated COD of element                           |
|---------|--------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------|-----------------|------------------------------------------------------|
| 1       | SR*    | ISTS Network Expansion scheme in Western Region & Southern Region for export of surplus power during high RE scenario in Southern Region: | Narendra New (GIS) – Pune (GIS) 765kV D/c line with 1x330MVar switchable line reactor(SLR) on each ckt at both ends                                          | TBCB      | Adani                    | 16-07-24        | 31-12-26                                             |
| 2       | NR     | Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase III Part A3                                          | Fatehgarh 3 - Bhadla-3 400kV D/c line(Quad) along with 63 MVar Switchable line reactor for each circuit at both ends of Fatehgarh 3- Bhadla-3 400kV D/c line | TBCB      | Apraava                  | 01-02-25        | 31-12-26                                             |
| 3       | NR     | Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase III Part F                                           | Fatehgarh-3– Beawar 765 kV D/c along with 330 MVar Switchable line reactor for each circuit at each end of Fatehgarh-3– Beawar 765 kV D/c line               | TBCB      | Sterlite/Resonia         | 19-03-25        | 15-09-26                                             |
| 4       | NR     | Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase III Part D                                           | Sikar-II — Narela 765 kV D/c line along with 240 MVar Switchable line reactor for each circuit at each end of Sikar-II — Narela 765 kV D/c line              | TBCB      | POWERGRID                | 09-08-25        | 31-03-27                                             |
| 5       | NR     | Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase III Part D                                           | Sikar-II – Khetri 765 kV D/c line                                                                                                                            | TBCB      | POWERGRID                | 09-08-25        | 30-09-26                                             |
| 6       | WR     | Western Region Network Expansion scheme in Kallam area of Maharashtra                                                                     | LILO of both circuits of Parli(M) – Karjat(M)/Lonikand-II (M) 400 kV D/c line (twin moose) at Kallam PS                                                      | TBCB      | Indigrd                  | 05-10-25        | 31-12-26                                             |
| 7       | WR     | Transmission system for evacuation of additional 7 GW RE power from Khavda RE park under Phase-III Part A                                 | KPS2 (GIS) - Halvad 765 kV D/c line                                                                                                                          | TBCB      | Adani                    | 26-12-25        | 31-12-26                                             |
| 8       | WR     | Transmission system for evacuation of additional 7 GW RE power from Khavda RE park under Phase-III Part A                                 | LILO of Lakadia – Ahmedabad 765 kV D/c line at Halvad                                                                                                        | TBCB      | Adani                    | 26-12-25        | 31-12-26                                             |
| 9       | WR*    | Transmission system for evacuation of additional 7 GW RE power from Khavda RE park under Phase-III Part B                                 | Halvad – Vataman 765 kV D/c line                                                                                                                             | TBCB      | POWERGRID                | 26-12-25        | 31-12-26                                             |
| 10      | WR*    | Transmission system for evacuation of additional 7 GW RE power from Khavda RE park under Phase-III Part B                                 | LILO of Lakadia – Vadodara 765 kV D/c line at Vataman 765 kV switching station                                                                               | TBCB      | POWERGRID                | 26-12-25        | 31-10-26                                             |
| 11      | WR*    | Transmission system for evacuation of additional 7 GW RE power from Khavda RE park under Phase-III Part B                                 | Vataman switching station – Navsari (New) (GIS) 765 kV D/c line                                                                                              | TBCB      | POWERGRID                | 26-12-25        | 31-12-26                                             |
| 12      | SR#    | Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A & B) and Gadag-II (Phase- A) in Karnataka   | Koppal-II PS – Narendra (New) 765 kV D/c line with 240 MVar SLR at Koppal-II PS end                                                                          | TBCB      | POWERGRID                | 26-12-25        | 30-09-26                                             |
| 13      | NR#    | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part1) (Bikaner Complex) Part-A                                     | Bikaner-III - Neemrana-II 765 kV D/c line along with 330 MVar switchable line reactor for each circuit at each end                                           | TBCB      | POWERGRID                | 27-12-25        | 30-04-2027 (Commissioning matching with Neemrana-II) |
| 14      | NR*    | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part1) (Bikaner Complex) Part-B                                     | LILO of both ckts of 400 kV Gurgaon (PG) - Sohna Road (GPTL) D/c line (Quad) at Neemrana-II S/s                                                              | TBCB      | Sterlite/Resonia         | 27-12-25        | 30-09-27                                             |

| Sl. No. | Region | Project Name                                                                                                             | Elements/Description of Project                                                                                                                                                                                                       | RTM/ TBCB | Name of Executing agency | SCOD of element | Anticipated COD of element                                         |
|---------|--------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------|-----------------|--------------------------------------------------------------------|
| 15      | NR*    | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part1) (Bikaner Complex) Part-B                    | Neemrana-II -Kotputli 400 kV D/c line (Quad)                                                                                                                                                                                          | TBCB      | Sterlite/Resonia         | 27-12-25        | 30-09-27                                                           |
| 16      | NR     | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part1) (Bikaner Complex) Part-C                    | Bikaner-III - Neemrana-II 765 kV D/c line (2nd) along with 330 MVAR switchable line reactor for each circuit at each end                                                                                                              | TBCB      | TATA POWER               | 27-12-25        | 31-12-2026 (Commissioning matching with Neemrana-II)               |
| 17      | NR     | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part1) (Bikaner Complex) Part-D                    | Neemrana-II- Bareilly (PG) 765 kV D/c line along with 330 MVAR switchable line reactor for each circuit at each end                                                                                                                   | TBCB      | POWERGRID                | 20-12-25        | 30-04-2027 (Commissioning matching with Neemrana-II)               |
| 18      | SR#    | Transmission Scheme for Solar Energy Zone in Bidar (2500 MW), Karnataka.                                                 | Bidar PS – Maheshwaram (PG) 765 kV D/C line                                                                                                                                                                                           | TBCB      | POWERGRID                | 09-02-26        | 30-09-26                                                           |
| 19      | WR     | Transmission scheme for evacuation of power from Dhule 2 GW REZ                                                          | Dhule PS – Dhule (BDTCL) 400 kV D/c (Quad ACSR/AAAC/AL59 Moose equivalent)                                                                                                                                                            | TBCB      | Indigrid                 | 09-02-26        | 31-12-26                                                           |
| 20      | WR     | Western Region Expansion Scheme XXXIII (WRES-XXXIII): Part C                                                             | LILo of one circuit of Jabalpur - Orai 765 kV D/c line at Ishanagar 765 kV S/s (New)                                                                                                                                                  | TBCB      | Indigrid                 | 09-02-26        | 30-09-26                                                           |
| 21      | NR     | Transmission system for evacuation of power from REZ in Rajasthan (20 GW)under Phase-III Part D Phase II                 | Jhatikara – Dwarka 400kV D/c line (Twin HTLS*): (17km)[ Monopole/Narrow Base/Normal towers]                                                                                                                                           | RTM       | POWERGRID                | 28-02-26        | 31-12-2026<br>Foundation: 60/91<br>Erection: 23/91<br>Stringing: 0 |
| 22      | SR     | Transmission scheme for integration of Tumkur-II REZ in Karnataka                                                        | Tumkur-II – Tumkur(Pavagada) 400 kV (Quad ACSR moose) D/c line                                                                                                                                                                        | TBCB      | GR Infra                 | 03-09-26        | 30-11-26                                                           |
| 23      | WR     | Transmission System for Evacuation of Power from RE Projects in Solapur (1500 MW) SEZ in Maharashtra                     | Solapur PS – Solapur (PG) 400 kV D/c line (Quad ACSR/AAAC/AL59 moose equivalent)                                                                                                                                                      | TBCB      | Torrent Power Limited    | 20-03-26        | 31-10-26                                                           |
| 24      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-D | Beawar- Mandsaur PS 765 kV D/c line along with 240 MVAR switchable line reactor for each circuit at each end                                                                                                                          | TBCB      | POWERGRID                | 22-08-26        | 28-02-27                                                           |
| 25      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-A | Fatehgarh-IV (Section-2) PS – Bhinmal (PG) 400 kV D/c line (Twin HTLS*) along with 50 MVAR switchable line reactor on each ckt at each end                                                                                            | TBCB      | Apraava                  | 22-08-26        | 31-12-26                                                           |
| 26      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-A | LILo of both ckts of 765 kV Fatehgarh- III- Beawar D/c line at Fatehgarh-IV (Section-2) PS along with 330 MVAR switchable line reactor at Fatehgarh-IV PS end of each ckt of 765 kV Fatehgarh-IV- Beawar D/c line (formed after LILo) | TBCB      | Apraava                  | 22-08-26        | 31-12-26                                                           |
| 27      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-B | Fatehgarh-IV (Section-2) PS – Sirohi PS 765 kV D/c line along with 240 MVAR switchable line reactor for each circuit at each end                                                                                                      | TBCB      | POWERGRID                | 22-08-26        | 31-03-27                                                           |
| 28      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-B | Sirohi PS-Chittorgarh (PG) 400 kV D/c line (Quad) along with 80 MVAR switchable line reactor for each circuit at Sirohi PS end                                                                                                        | TBCB      | POWERGRID                | 22-08-26        | 31-03-27                                                           |
| 29      | NR*    | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-C | Mandsaur PS – Indore(PG) 765 kV D/c Line                                                                                                                                                                                              | TBCB      | POWERGRID                | 22-08-26        | 28-02-27                                                           |

| Sl. No. | Region | Project Name                                                                                                                             | Elements/Description of Project                                                                                                                     | RTM/ TBCB | Name of Executing agency | SCOD of element | Anticipated COD of element |
|---------|--------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------|-----------------|----------------------------|
| 30      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-E                 | LILO of one circuit of 765 kV Chittorgarh-Banaskanta D/c line at Rishabdeo S/s (20 km)                                                              | TBCB      | POWERGRID                | 22-08-26        | 30-04-27                   |
| 31      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-E                 | Rishabdeo - Mandsaur PS 765 kV D/c line along with 240 MVAR switchable line reactor for each circuit at Rishabdeo end                               | TBCB      | POWERGRID                | 22-08-26        | 30-04-27                   |
| 32      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-E                 | Sirohi PS- Rishabdeo 765 kV D/c line along with 330 MVAR switchable line reactor for each circuit at Sirohi end                                     | TBCB      | POWERGRID                | 22-08-26        | 30-04-27                   |
| 33      | WR     | Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part A | KPS1 (GIS)– Bhuj PS 765 kV 2nd D/C line                                                                                                             | TBCB      | Adani                    | 30-08-26        | 31-10-26                   |
| 34      | WR     | Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part A | KPS3 (GIS) – Lakadia (AIS) 765 kV D/C line                                                                                                          | TBCB      | Adani                    | 30-08-26        | 31-03-27                   |
| 35      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-H1                | Kurawar – Ashtha 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line                                                                             | TBCB      | POWERGRID                | 15-10-26        | 30-06-27                   |
| 36      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-H1                | LILO of Indore – Bhopal 765 kV S/c line at Kurawar                                                                                                  | TBCB      | POWERGRID                | 15-10-26        | 30-06-27                   |
| 37      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-H1                | LILO of one circuit of Indore – Itarsi 400kV D/c line at Astha                                                                                      | TBCB      | POWERGRID                | 15-10-26        | 30-06-27                   |
| 38      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-H1                | Mandsaur – Kurawar 765 kV D/c line                                                                                                                  | TBCB      | POWERGRID                | 15-10-26        | 30-06-27                   |
| 39      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-H1                | Shujalpur – Kurawar 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line                                                                          | TBCB      | POWERGRID                | 15-10-26        | 30-06-27                   |
| 40      | WR     | Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part B | Ahmedabad – South Olpad (GIS) 765 kV D/c line                                                                                                       | TBCB      | POWERGRID                | 15-10-26        | 31-10-27                   |
| 41      | WR     | Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part B | LILO of Gandhar – Hazira 400 kV D/c line at South Olpad (GIS) using twin HTLS conductor with minimum capacity of 1700MVA per ckt at nominal voltage | TBCB      | POWERGRID                | 15-10-26        | 31-10-27                   |
| 42      | WR     | Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part B | Vadodara (GIS) –South Olpad (GIS) 765 kV D/C line                                                                                                   | TBCB      | POWERGRID                | 15-10-26        | 31-10-27                   |

| Sl. No. | Region | Project Name                                                                                                                             | Elements/Description of Project                                                                                                                                | RTM/ TBCB | Name of Executing agency | SCOD of element | Anticipated COD of element |
|---------|--------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------|-----------------|----------------------------|
| 43      | WR     | Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part C | Boisar-II (Sec-II) – Velgaon (MH) 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line                                                                       | TBCB      | Sterlite/Resonia         | 15-10-26        | 31-03-27                   |
| 44      | WR     | Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part C | LILo of Babhaleswar – Padghe (M) 400 kV D/c line at Boisar-II (Sec-I) using twin HTLS conductor with a minimum capacity of 1700 MVA per ckt at nominal voltage | TBCB      | Sterlite/Resonia         | 15-10-26        | 31-03-27                   |
| 45      | WR     | Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part C | LILo of Navsari (New) – Padghe (PG) 765 kV D/c line at Boisar-II                                                                                               | TBCB      | Sterlite/Resonia         | 15-10-26        | 31-10-26                   |
| 46      | WR     | Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part C | South Olpad (GIS) – Boisar-II (GIS) 765kV D/c line                                                                                                             | TBCB      | Sterlite/Resonia         | 15-10-26        | 31-03-27                   |
| 47      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-F                 | Barmer-I PS– Sirohi PS 765 kV D/c line along with 240MVAR switchable line reactor for each circuit at each end                                                 | TBCB      | POWERGRID                | 07-11-26        | 30-06-27                   |
| 48      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-F                 | Fatehgarh-III (Section-2) PS – Barmer-I PS 400 kV D/c line (Quad)                                                                                              | TBCB      | POWERGRID                | 07-11-26        | 30-06-27                   |
| 49      | NR     | Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) Part-A                              | Bikaner-IV PS – Siwani 765 kV D/c line along with 240 MVA switchable line reactor for each circuit at each end                                                 | TBCB      | POWERGRID                | 11-11-26        | 30-04-27                   |
| 50      | NR     | Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) Part-A                              | LILo of both ckts of Bikaner II PS Bikaner III PS (Quad) direct line at Bikaner-IV PS                                                                          | TBCB      | POWERGRID                | 11-11-26        | 30-04-27                   |
| 51      | NR     | Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) Part-A                              | Siwani – Patran (Indi Grid) 400 kV D/c line (Quad) along with 80 MVA switchable line reactor for each circuit at Siwani S/s end                                | TBCB      | POWERGRID                | 11-11-26        | 30-04-27                   |
| 52      | NR     | Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) Part-A                              | Siwani– Fatehabad (PG) 400 kV D/c line (Quad)                                                                                                                  | TBCB      | POWERGRID                | 11-11-26        | 30-04-27                   |
| 53      | NR*    | Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) Part-B                              | Bikaner-IV PS – Siwani 765 kV D/c (2nd) line along with 240 MVA switchable line reactor for each circuit at each end                                           | TBCB      | POWERGRID                | 11-11-26        | 31-03-27                   |
| 54      | NR*    | Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) Part-B                              | Siwani – Jind (PG) 400 kV D/c line (Quad)                                                                                                                      | TBCB      | POWERGRID                | 11-11-26        | 31-03-27                   |
| 55      | NR*    | Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) Part-B                              | Siwani – Sonipat (PG) 400 kV D/c line (Quad) along with 63 MVA switchable line reactor for each circuit at Siwani S/s end                                      | TBCB      | POWERGRID                | 11-11-26        | 31-03-27                   |
| 56      | WR     | Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part D | Boisar-II – Pune-III 765 kV D/c line                                                                                                                           | TBCB      | Adani                    | 19-11-26        | 30-09-27                   |
| 57      | WR     | Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part D | LILo of Hinjewadi-Koyana 400 kV S/c line at Pune-III (GIS) S/s                                                                                                 | TBCB      | Adani                    | 19-11-26        | 30-09-27                   |

| Sl. No. | Region | Project Name                                                                                                                             | Elements/Description of Project                                                                                                                                                              | RTM/ TBCB | Name of Executing agency | SCOD of element | Anticipated COD of element |
|---------|--------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------|-----------------|----------------------------|
| 58      | WR     | Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part D | LILO of Narendra (New) – Pune (GIS) 765 kV D/c line at Pune-III                                                                                                                              | TBCB      | Adani                    | 19-11-26        | 30-09-27                   |
| 59      | NR     | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-4 :3.5 GW): Part A                                            | Fatehgarh-IV PS (Sec-2) – Barmer-I PS 400kV D/c line (Quad)                                                                                                                                  | TBCB      | POWERGRID                | 30-12-26        | 30-06-27                   |
| 60      | NR     | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-4 :3.5 GW): Part A                                            | Dausa - Ghiror 765 kV D/c line along with 330MVar switchable line reactor at Ghiror end and 240 MVar switchable line reactor at Dausa end for each circuit of Dausa - Ghiror 765 kV D/c line | TBCB      | POWERGRID                | 30-12-26        | 30-06-27                   |
| 61      | NR     | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-4 :3.5 GW): Part A                                            | LILO of both ckt of 765 kV Aligarh (PG) Orai (PG) D/c line at Ghiror S/s along with 240 MVar switchable line reactor for each circuit at Ghiror S/s end of 765 kV Ghiror Orai (PG) D/c line  | TBCB      | POWERGRID                | 30-12-26        | 30-06-27                   |
| 62      | NR     | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-4 :3.5 GW): Part A                                            | LILO of one ckt of 765kV Agra (PG) – Fatehpur (PG) 2xS/c line at Ghiror along with 240 MVar switchable line reactor at Ghiror end of 765 kV Ghiror -Fatehpur (PG) line                       | TBCB      | POWERGRID                | 30-12-26        | 30-06-27                   |
| 63      | NR     | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-4 :3.5 GW): Part A                                            | 400kV Ghiror-Firozabad (UPPTCL) D/c line (Quad)                                                                                                                                              | TBCB      | POWERGRID                | 30-12-26        | 30-06-27                   |
| 64      | NR     | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-4: 3.5 GW): Part B                                            | Barmer-I PS – Merta-II 765 kV D/c line along with 330 MVar switchable line reactor for each circuit at each end of Barmer-I PS – Merta-II 765 kV D/c line                                    | TBCB      | DRAIPL                   | 30-12-26        | 30-06-27                   |
| 65      | NR     | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-4: 3.5 GW): Part B                                            | Merta-II – Beawar 400 kV D/c line (Quad)                                                                                                                                                     | TBCB      | DRAIPL                   | 30-12-26        | 30-06-27                   |
| 66      | NR     | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-4: 3.5 GW): Part B                                            | Merta-II – Dausa 765 kV D/c line along with 240 MVar switchable line reactor for each circuit at each end of Merta-II – Dausa 765kV D/c line                                                 | TBCB      | DRAIPL                   | 30-12-26        | 30-06-27                   |
| 67      | SR     | Transmission System under ISTS for evacuation of power from Kudankulam Unit - 3 & 4 (2x1000 MW).                                         | Kudankulam Nuclear Power Plant (3&4) – Tuticorin-II GIS PS 400 kV (quad) D/c line                                                                                                            | TBCB      | POWERGRID                | 31-12-26        | 30-06-27                   |
| 68      | SR     | Transmission Scheme for integration of Bijapur REZ in Karnataka.                                                                         | Bijapur PS – Raichur New 400kV (Quad ACSR moose) D/c line                                                                                                                                    | TBCB      | GR Infra                 | 16-01-27        | 31-03-27                   |
| 69      | SR     | System Strengthening at Koppal-II and Gadag-II for integration of RE generation projects.                                                | Gadag-II PS – Koppal-II PS 400 kV (Quad) 2nd D/c line                                                                                                                                        | TBCB      | POWERGRID                | 16-01-27        | 31-03-27                   |

### **Critical Greenfield Substation**

| Sl. No. | Region | Project Name                                                                                                                            | Elements/Description of Project                                            | RTM/ TBCB | Name of Executing agency | SCOD of element | Anticipated COD of element      |
|---------|--------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------|--------------------------|-----------------|---------------------------------|
| 1       | SR#    | Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A & B) and Gadag-II (Phase- A) in Karnataka | Establishment of 400/220 kV, 2x500 MVA Gadag-II (Phase -A) Pooling Station | TBCB      | POWERGRID                | 26-12-25        | 30-09-26<br>(Partially charged) |

| Sl. No. | Region | Project Name                                                                                                                            | Elements/Description of Project                                                                                                                                                                                                                                                                                             | RTM/ TBCB | Name of Executing agency | SCOD of element | Anticipated COD of element                                                                                                                                                                                                                                                            |
|---------|--------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2       | SR#    | Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A & B) and Gadag-II (Phase- A) in Karnataka | Establishment of 765/400 kV 2x1500 MVA, 400/220 kV, 2x500 MVA Koppal-II (Phase- A) Pooling Station with provision of two (2) sections of 4500 MVA each at 400 kV level and provision of four (4) sections of 2500 MVA each at 220 kV level                                                                                  | TBCB      | POWERGRID                | 26-12-25        | 30-09-26<br>(Partially Charged)                                                                                                                                                                                                                                                       |
| 3       | WR     | Transmission system for evacuation of additional 7 GW RE power from Khavda RE park under Phase-III Part A                               | Establishment of 765 kV Halvad switching station with 765 kV, 2x330 MVAR bus reactors                                                                                                                                                                                                                                       | TBCB      | Adani                    | 26-12-25        | 30-09-26                                                                                                                                                                                                                                                                              |
| 4       | WR*    | Transmission system for evacuation of additional 7 GW RE power from Khavda RE park under Phase-III Part B                               | Establishment of 765 kV switching station near Vataman with 2x330 MVAR, 765 kV bus reactors                                                                                                                                                                                                                                 | TBCB      | POWERGRID                | 26-12-25        | 31-12-26                                                                                                                                                                                                                                                                              |
| 5       | NR#    | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part1) (Bikaner Complex) Part-A                                   | Establishment of 6x1500 MVA (along with one spare unit of 500 MVA), 765/400 kV & 5x500 MVA 400/220 kV Bikaner-III Pooling Station along with 2x330 MVAR (765kV) Bus Reactor (along with one spare unit of 110 MVAR) & 2x125 MVAR (420kV) Bus Reactor at a suitable location near Bikaner                                    | TBCB      | POWERGRID                | 27-12-25        | <b>31-Oct-2026</b><br><br>(1X1500 MVA ICT-1 Charged on 23.04.2026<br>1X1500 MVA ICT-2 Charged on 24.04.2026<br>2x500 MVA ICT-1 & 3 charged on 13.07.2026<br>1X1500 MVA ICT-3 Charged on 03.08.2026<br>1x500 MVA ICT-4 charged on 22.08.2026<br>1x500 MVA ICT-5 charged on 25.08.2026) |
| 6       | NR*    | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part1) (Bikaner Complex) Part-B                                   | Establishment of 765/400 kV, 4x1500 MVA (along with one spare unit of 500MVA) Neemrana-II S/s along with 2x330 MVAR (765kV) Bus Reactor (along with one spare unit of 110 MVAR) & 2x125 MVAR (420kV) Bus Reactor at a suitable location near Neemrana                                                                       | TBCB      | Sterlite/Resonia         | 27-12-25        | 30-09-27                                                                                                                                                                                                                                                                              |
| 7       | SR     | Transmission Scheme for Solar Energy Zone in Bidar (2500 MW), Karnataka.                                                                | Establishment of 765/400 kV 3x1500 MVA, 400/220 kV 5x500 MVA pooling station at suitable border location near Bidar with 765 kV (1x240 MVAR) and 400 kV (1x125 MVAR) Bus Reactor                                                                                                                                            | TBCB      | POWERGRID                | 09-02-26        | 30-09-26                                                                                                                                                                                                                                                                              |
| 8       | WR     | Transmission scheme for evacuation of power from Dhule 2 GW REZ                                                                         | Establishment of 4x500 MVA, 400/220 kV Pooling Station near Dhule along with 2x125 MVAR (420 kV) Bus Reactors.                                                                                                                                                                                                              | TBCB      | Indigrd                  | 09-02-26        | 31-12-26                                                                                                                                                                                                                                                                              |
| 9       | WR     | Western Region Expansion Scheme XXXIII (WRES-XXXIII): Part C                                                                            | Establishment of 2x1500 MVA, 765/400 kV and 2x500 MVA, 400/220 kV S/s at Ishanagar (New) along with 1x330 MVAR, 765 kV & 1x125 MVAR, 420 kV bus reactor                                                                                                                                                                     | TBCB      | Indigrd                  | 09-02-26        | 30-09-26                                                                                                                                                                                                                                                                              |
| 10      | WR     | Transmission System for Evacuation of Power from RE Projects in Solapur (1500 MW) SEZ in Maharashtra                                    | Establishment of 400/220 kV, 4x500 MVA Solapur PS alongwith 2x125 MVAR, 420 kV Bus Reactors                                                                                                                                                                                                                                 | TBCB      | Torrent Power Limited    | 20-03-26        | 31-10-26                                                                                                                                                                                                                                                                              |
| 11      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-A                | Establishment of 4x1500 MVA, 765/400 kV & 5x500 MVA, 400/220 kV Fatehgarh-IV (Section-2) Pooling Station along with 2x240 MVAR (765 kV) Bus Reactor & 2x125 MVAR (420 kV) Bus Reactor [Future space provisions already approved at Fatehgarh-IV in 8th NCT meeting dated 25.03.22 would be utilized for the present scheme] | TBCB      | Apraava                  | 22-08-26        | 31-12-26                                                                                                                                                                                                                                                                              |

| Sl. No. | Region | Project Name                                                                                                                             | Elements/Description of Project                                                                                                                                                                                                                                                                                                                                                                                                                                  | RTM/ TBCB | Name of Executing agency | SCOD of element | Anticipated COD of element |
|---------|--------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------|-----------------|----------------------------|
| 12      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-B                 | Establishment of 2x1500 MVA, 765/400 kV Substation at suitable location near Sirohi along with 2x240 MVAR (765 kV) & 2x125 MVAR (420 kV) Bus Reactor                                                                                                                                                                                                                                                                                                             | TBCB      | POWERGRID                | 22-08-26        | 31-03-27                   |
| 13      | NR*    | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-C                 | Establishment of 3x1500 MVA, 765/400 kV & 5x500 MVA, 400/220 kV Mandsaur Pooling Station along with 2x330 MVAR (765 kV) Bus Reactors & 2x125 MVAR, 420 kV Bus Reactor                                                                                                                                                                                                                                                                                            | TBCB      | POWERGRID                | 22-08-26        | 28-02-27                   |
| 14      | SR     | Transmission scheme for integration of Tumkur-II REZ in Karnataka                                                                        | Establishment of 400/220 kV 4x500 MVA Pooling Station near Tumkur, Karnataka                                                                                                                                                                                                                                                                                                                                                                                     | TBCB      | GR Infra                 | 03-09-26        | 30-11-26                   |
| 15      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-H1                | Establishment of 765/400 kV (2x1500 MVA), 400/22 kV (2x500 MVA) & 220/132 kV (3x200 MVA) Kurawar S/s with 2x330 MVAR 765 kV bus reactor and 1x125 MVAR, 420 kV bus reactor.                                                                                                                                                                                                                                                                                      | TBCB      | POWERGRID                | 15-10-26        | 30-06-27                   |
| 16      | WR     | Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part B | Establishment of 2x1500 MVA, 765/400 kV & 2x500 MVA, 400/220 kV GIS S/s at a suitable location South of Olpad (between Olpad and Ichhapore) with 2x330 MVAR, 765 kV & 1x125 MVAR, 420 kV bus reactors                                                                                                                                                                                                                                                            | TBCB      | POWERGRID                | 15-10-26        | 31-10-27                   |
| 17      | WR     | Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part C | Establishment of 4x1500 MVA, 765/400 kV & 2x500 MVA, 400/220 kV Boisar-II (GIS) S/s with 2x330 MVAR, 765 kV bus reactors and 2x125 MVAR, 420 kV bus reactors. (2x1500 MVA, 765/400 kV ICTs shall be on each 400 kV section and 2x500 MVA, 400/220 kV ICTs shall be on 400 kV Bus Section-II. 2x125 MVAR Bus reactors shall be such that one bus reactor is placed on each 400 kV bus section. 400 kV Bus Sectionalizer to be kept under normally OPEN condition) | TBCB      | Sterlite/Resonia         | 15-10-26        | 31-10-26                   |
| 18      | NR     | Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-F                 | Establishment of 3x1500 MVA, 765/400 kV & 2x500MVA, 400/220 kV Barmer-I Pooling Station along with 2x240 MVAR (765 kV) Bus Reactor & 2x125 MVAR (420 kV) Bus Reactor                                                                                                                                                                                                                                                                                             | TBCB      | POWERGRID                | 07-11-26        | 30-06-27                   |
| 19      | NR     | Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) Part-A                              | Establishment of 6x1500 MVA, 765/400 kV & 6x500 MVA, 400/220 kV Bikaner-IV Pooling Station along with 2x240 MVar (765kV) & 2x125 MVar (420kV) Bus Reactors at a suitable location near Bikaner                                                                                                                                                                                                                                                                   | TBCB      | POWERGRID                | 11-11-26        | 30-04-27                   |
| 20      | NR*    | Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) Part-B                              | Establishment of 765/400kV, 6x1500 MVA S/s at suitable location near Siwani (Distt. Bhiwani) along with 2x240 MVar (765kV) Bus Reactor & 2x125 MVar (420kV) Bus Reactor                                                                                                                                                                                                                                                                                          | TBCB      | POWERGRID                | 11-11-26        | 31-03-27                   |
| 21      | WR     | Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part D | Establishment of 2x1500 MVA, 765/400 kV & 3x500 MVA, 400/220 kV Pune-III (GIS) S/s with 2x330 MVAR, 765 kV bus reactor and 2x125 MVAR, 420 kV bus reactor.                                                                                                                                                                                                                                                                                                       | TBCB      | Adani                    | 19-11-26        | 30-09-27                   |
| 22      | NR     | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-4 :3.5 GW): Part A                                            | Establishment of 765/400kV, 2x1500 MVA S/s at suitable location near Ghiror (Distt. Mainpuri) along with 2x240 MVar (765kV) & 2x125 MVar (420kV) bus reactor at Ghiror S/s (UP)                                                                                                                                                                                                                                                                                  | TBCB      | POWERGRID                | 30-12-26        | 30-06-27                   |

| Sl. No. | Region | Project Name                                                                                  | Elements/Description of Project                                                                                                                                                    | RTM/ TBCB | Name of Executing agency | SCOD of element | Anticipated COD of element |
|---------|--------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------|-----------------|----------------------------|
| 23      | NR     | Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part-4: 3.5 GW): Part B | Establishment of 765/400 kV, 2x1500 MVA S/s at suitable location near Merta (Merta-II Substation) along with 2x240 MVar (765 kV) & 2x125 MVar (420 kV) bus reactor at Merta-II S/s | TBCB      | DRAIPL                   | 30-12-26        | 30-06-27                   |
| 24      | SR     | Transmission Scheme for integration of Bijapur REZ in Karnataka                               | Establishment of 400/220 kV, 5x500 MVA Pooling Station near Bijapur (Vijayapura), Karnataka                                                                                        | TBCB      | GR Infra                 | 16-01-27        | 31-03-27                   |

Note: 1) \* ISTS Projects being reviewed by MoP under Pragati Portal.

2) # ISTS Projects being reviewed by MoP under PMG Portal.

3) Data has been prepared based on the commitment given by TSPs in JCC/various review meetings taken by MoP/CEA/CTUIL.