

Corrigendum – 2 dated 31.10.2025 to  
RFP documents for Selection of Bidder as Transmission service provider for  
“Establishment of 400/220 kV AIS Wagdari (Dist. Solapur)”

| SI No  | Clause No.                                                                                                                                  | Existing Provisions                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Corrected Provisions            |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------|----------------------------------|--|---------------|---------------|----|----|----|----|----|----|----|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------------------|------------------------|--|---------------|---------------|----|--------------------------|--------|--------|----|-------------------------------------|--------|--------|----|-----------------|-------|-------|----|---------------|---|---|----|-------------------------|--|--|----|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|-----|-----------------------------------------------------------------------|----------|---------|------|-------------------------------------------------------|--------|--|-----|----------------------------------------------------------------|---|---|----|---------------------------|--------|--------|----|-----------------------------------------------------------------------|---------------------------------|---------------------------------|----|-------------------------------------------------------------------------------------|---------------------|--------------------|----|----------------------------------------------------|---------------------|--------------------|-----|--------------------|-------|-------|-----|-------------------|-------|-------|
| 1.     | RfP & TSA<br><br>B.1.1<br>Insulation<br>Coordination                                                                                        | <p><b>B.1.1 Insulation Coordination</b></p> <p>The system design parameters for substations/switchyards shall be as given below:</p> <table> <tr> <th rowspan="2">Sl. No</th><th rowspan="2">Description of Parameters</th><th colspan="2">765/400 kV AIS Pune (East) (new)</th></tr> <tr> <th>400 kV System</th><th>220 kV System</th></tr> <tr> <td>..</td><td>..</td><td>..</td><td>..</td></tr> <tr> <td>..</td><td>..</td><td>..</td><td>..</td></tr> </table> | Sl. No                          | Description of Parameters | 765/400 kV AIS Pune (East) (new) |  | 400 kV System | 220 kV System | .. | .. | .. | .. | .. | .. | .. | .. | <p><b>B.1.1 Insulation Coordination</b></p> <p>The system design parameters for substations/switchyards shall be as given below:</p> <table> <tr> <th rowspan="2">Sl. No</th><th rowspan="2">Description of Parameters</th><th colspan="2">400/220 kV AIS Wagdari</th></tr> <tr> <th>400 kV System</th><th>220 kV System</th></tr> <tr> <td>1.</td><td>System Operating Voltage</td><td>400 kV</td><td>220 kV</td></tr> <tr> <td>2.</td><td>Maximum voltage of the system (rms)</td><td>420 kV</td><td>245 kV</td></tr> <tr> <td>3.</td><td>Rated Frequency</td><td>50 Hz</td><td>50 Hz</td></tr> <tr> <td>4.</td><td>No. of Phases</td><td>3</td><td>3</td></tr> <tr> <td>5.</td><td>Rated Insulation Levels</td><td></td><td></td></tr> <tr> <td>i)</td><td>Lightning Impulse withstand voltagefor (1.2/50 micro sec.)<br/>- for Equipment other than Transformer and Reactors<br/>- for Insulator String</td><td>1425 kVp<br/>1550 kVp</td><td>1050 kVp<br/>1050 kVp</td></tr> <tr> <td>ii)</td><td>Switching Impulse withstand voltage (250/2500 micro sec.) dry and wet</td><td>1050 kVp</td><td>460 kVp</td></tr> <tr> <td>iii)</td><td>One minute power frequency dry withstandvoltage (rms)</td><td>650 kV</td><td></td></tr> <tr> <td>iv)</td><td>One minute power frequency dry and wet withstand voltage (rms)</td><td>-</td><td>-</td></tr> <tr> <td>6.</td><td>Corona Extinction Voltage</td><td>320 kV</td><td>156 kV</td></tr> <tr> <td>7.</td><td>Max. radio interferencevoltage for frequency between 0.5 MHz and 2MHz</td><td>1000 micro- volts at 266 kV rms</td><td>1000 micro- volts at 156 kV rms</td></tr> <tr> <td>8.</td><td>Minimum creepage distance for insulator string/ longrod insulators/outdoor bushings</td><td>13020 mm (31 mm/kV)</td><td>7595 mm (31 mm/kV)</td></tr> <tr> <td>9.</td><td>Minimum creepage distance for switchyard equipment</td><td>10500 mm (25 mm/kV)</td><td>6125 mm (25 mm/kV)</td></tr> <tr> <td>10.</td><td>Max. Fault Current</td><td>63 kA</td><td>50 kA</td></tr> <tr> <td>11.</td><td>Duration of fault</td><td>1 sec</td><td>1 Sec</td></tr> </table> | Sl. No | Description of Parameters | 400/220 kV AIS Wagdari |  | 400 kV System | 220 kV System | 1. | System Operating Voltage | 400 kV | 220 kV | 2. | Maximum voltage of the system (rms) | 420 kV | 245 kV | 3. | Rated Frequency | 50 Hz | 50 Hz | 4. | No. of Phases | 3 | 3 | 5. | Rated Insulation Levels |  |  | i) | Lightning Impulse withstand voltagefor (1.2/50 micro sec.)<br>- for Equipment other than Transformer and Reactors<br>- for Insulator String | 1425 kVp<br>1550 kVp | 1050 kVp<br>1050 kVp | ii) | Switching Impulse withstand voltage (250/2500 micro sec.) dry and wet | 1050 kVp | 460 kVp | iii) | One minute power frequency dry withstandvoltage (rms) | 650 kV |  | iv) | One minute power frequency dry and wet withstand voltage (rms) | - | - | 6. | Corona Extinction Voltage | 320 kV | 156 kV | 7. | Max. radio interferencevoltage for frequency between 0.5 MHz and 2MHz | 1000 micro- volts at 266 kV rms | 1000 micro- volts at 156 kV rms | 8. | Minimum creepage distance for insulator string/ longrod insulators/outdoor bushings | 13020 mm (31 mm/kV) | 7595 mm (31 mm/kV) | 9. | Minimum creepage distance for switchyard equipment | 10500 mm (25 mm/kV) | 6125 mm (25 mm/kV) | 10. | Max. Fault Current | 63 kA | 50 kA | 11. | Duration of fault | 1 sec | 1 Sec |
| Sl. No | Description of Parameters                                                                                                                   | 765/400 kV AIS Pune (East) (new)                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                 |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
|        |                                                                                                                                             | 400 kV System                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 220 kV System                   |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| ..     | ..                                                                                                                                          | ..                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ..                              |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| ..     | ..                                                                                                                                          | ..                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ..                              |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| Sl. No | Description of Parameters                                                                                                                   | 400/220 kV AIS Wagdari                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                 |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
|        |                                                                                                                                             | 400 kV System                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 220 kV System                   |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| 1.     | System Operating Voltage                                                                                                                    | 400 kV                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 220 kV                          |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| 2.     | Maximum voltage of the system (rms)                                                                                                         | 420 kV                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 245 kV                          |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| 3.     | Rated Frequency                                                                                                                             | 50 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 50 Hz                           |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| 4.     | No. of Phases                                                                                                                               | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3                               |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| 5.     | Rated Insulation Levels                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| i)     | Lightning Impulse withstand voltagefor (1.2/50 micro sec.)<br>- for Equipment other than Transformer and Reactors<br>- for Insulator String | 1425 kVp<br>1550 kVp                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1050 kVp<br>1050 kVp            |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| ii)    | Switching Impulse withstand voltage (250/2500 micro sec.) dry and wet                                                                       | 1050 kVp                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 460 kVp                         |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| iii)   | One minute power frequency dry withstandvoltage (rms)                                                                                       | 650 kV                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                 |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| iv)    | One minute power frequency dry and wet withstand voltage (rms)                                                                              | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                               |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| 6.     | Corona Extinction Voltage                                                                                                                   | 320 kV                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 156 kV                          |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| 7.     | Max. radio interferencevoltage for frequency between 0.5 MHz and 2MHz                                                                       | 1000 micro- volts at 266 kV rms                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1000 micro- volts at 156 kV rms |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| 8.     | Minimum creepage distance for insulator string/ longrod insulators/outdoor bushings                                                         | 13020 mm (31 mm/kV)                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7595 mm (31 mm/kV)              |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| 9.     | Minimum creepage distance for switchyard equipment                                                                                          | 10500 mm (25 mm/kV)                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6125 mm (25 mm/kV)              |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| 10.    | Max. Fault Current                                                                                                                          | 63 kA                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 50 kA                           |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |
| 11.    | Duration of fault                                                                                                                           | 1 sec                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1 Sec                           |                           |                                  |  |               |               |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |                           |                        |  |               |               |    |                          |        |        |    |                                     |        |        |    |                 |       |       |    |               |   |   |    |                         |  |  |    |                                                                                                                                             |                      |                      |     |                                                                       |          |         |      |                                                       |        |  |     |                                                                |   |   |    |                           |        |        |    |                                                                       |                                 |                                 |    |                                                                                     |                     |                    |    |                                                    |                     |                    |     |                    |       |       |     |                   |       |       |