# Transmission Facility Technical Data

Please provide information in all fields in each section, if applicable. Do not leave any fields blank. If any particular field is not applicable to your project please write N/A (not applicable). Use additional forms if additional facility information is required.

**Overhead Line or Underground Cable Information**

| | | | |
|---|---|---|---|
| Nominal voltage (kV) | Length (km) | Conductor type | Conductor size |
| Conductor code name | Overhead ground wire type | Overhead ground wire size | Overhead ground wire code names |
| Pos-seq resistance $R_1$ (Ohms/km) | Pos-seq reactance $X_1$(Ohms/km) | Zero-seq resistance $R_0$ (Ohms/km) | Zero-seq reactance $X_0$ (Ohms/km) |
| Summer continuous rating (MVA) | Summer emergency rating | Winter continuous rating (MVA) | Winter emergency rating (MVA) |

Provide a description of the protection systems

Provide a description of the communications systems

Check the boxes below to confirm each mandatory document is being provided, along with this form:

☐ Route Map ☐ Single line diagram including all electrical and all protection equipment

**Reactive Compensation Device Information (if applicable)**

| | | | |
|---|---|---|---|
| Connection location | | | Rated voltage (kV) |
| Type | Rating (MVAR) | Configuration | Switching device type |

Provide a description of the protection systems

Provide a description of the criteria for automatic switching

**Transformer Information (if applicable)**

| | | | |
|---|---|---|---|
| Primary voltage rating (kV) | Secondary voltage rating (kV) | Tertiary voltage rating (kV) | Primary connection configuration |
| Secondary connection configuration | Tertiary connection configuration | Positive sequence impedance (%) | Zero sequence impedance (%) |
| Summer continuous rating (MVA) | Summer emergency rating | Winter continuous rating (MVA) | Winter emergency rating (MVA) |
| Tap charger location (HV or LV) | Tap charger type | Number of taps | Tap step voltage (%) |

Provide a description of the protection systems

**Additional Information**

Provide a description of any additional applicable information, if required