

End-user (load) Facility Technical Data



(Transmission service: for load connection requirements greater than 63kV or distribution service: for loads >5 MVA to be connected at 25kV and under)

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.

| | | | | | |
|--------------------------------------|-----------------|----------------------------|--|--------------------------------------|-----------------------------|
| Interconnection voltage (kV) | | Total connected load (kVA) | | Proposed future connected load (kVA) | Existing peak demand (kW) |
| Additional expected peak demand (kW) | | Load factor (%) | | Expected power factor (%) | Electric heating load (kW) |
| Lighting load (kW) | Motor load (kW) | Other load (kW) | | Hours of operation per day | Hours of operation per week |

Provide a description of the loads that are included in the 'Other load' total above

Provide a description of the type of business or operation

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

- Site plan(s) showing the location of the customer's facility and the proposed Point-of-Interconnection.
- Single line diagram(s) clearly showing the connection of all major electrical equipment.

More Information (if applicable)

Provide the following information for all motors 50Hp and larger (attach a list if required).

| Type (induction, synchronous) | Nameplate size (Hp) | Nameplate voltage (kV) | Starting (VFD, soft, direct) | Running (VFD, direct, etc.) | Comments |
|-------------------------------|---------------------|------------------------|------------------------------|-----------------------------|----------|
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Generation Information (if applicable)

| The customer facility has onsite generation for the following purposes (check all that apply) | Generator size (MW) |
|---|---------------------|
| Emergency generation only, not to be paralleled with the Columbia Power system | |
| Onsite generation paralleled with the Columbia Power system, with no intent to export | |
| Onsite generation paralleled with the Columbia Power system, with intent to export | |

Reactive Compensation Device Information (if applicable)

| | | |
|---------------------|---------------|-----------------------|
| Connection location | Type | Configuration |
| Rated voltage (kV) | Rating (MVAR) | 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 changer location (HV or LV) | Tap changer 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