Application

This standard lists the required clearances to buildings/structures near electrical power circuits/equipment owned and operated by Tacoma Power based on the Worker Safety Rules in WAC (Washington Administrative Code) 296-24-960 and WAC 296-155-428.

These clearances and requirements shall be applied to the permitting and design of buildings/structures in order for the buildings/structures to be safely constructed and maintained over time.

Clearance Requirements to Buildings/Structures

The following table lists the required clearances for a building/structure to electrical power circuits/equipment owned and operated by Tacoma Power.

<table>
<thead>
<tr>
<th>Voltage of Electric Facilities</th>
<th>Horizontal Clearance Requirements</th>
<th>Vertical Clearance Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>750 Volts to 50 kV</td>
<td>14 ft.</td>
<td>Buildings shall not be constructed under Tacoma Power electrical circuits</td>
</tr>
<tr>
<td>115 kV</td>
<td>15 ft.</td>
<td></td>
</tr>
<tr>
<td>230 kV</td>
<td>17 ft.</td>
<td></td>
</tr>
</tbody>
</table>

If these clearances cannot be met, the customer must work with Tacoma Power to permanently underground the overhead lines at the customer’s expense. Please contact New Services Engineering at 253-502-8436 with any questions, clarifications and estimates.

Relocation or modification of overhead facilities will not be made to accommodate safety clearances to buildings/structures as established in this standard.
Employer Responsible for Worker Safety

The employers/supervisors of Unqualified Electrical Workers on a building/structure for construction or maintenance is responsible to ensure that the worker safety rules of WAC 296-24-960 and 296-155-428 are met. An Unqualified Electrical Worker is an individual that does not have the training and experience to work near electrical facilities as defined in WAC 296-45 and WAC 296-32.

Tacoma Power takes no responsibility for the safety of workers that are not employed by or under the direction of Tacoma Power.

The Washington State Department of Labor & Industries is the final authority concerning the application of worker safety rules.

Crane Safety

Safety rules related to crane operation near power lines are found within WAC 296-155-53408.

Before crane operations begin near any Tacoma Power electric power lines/equipment, the person responsible for the job is required to contact Tacoma Power Line Desk at 253-502-8232.