

Queue #: _____ Customer: _____

Wind Project: _____

Date of Application: _____

System Impact Study Checklist

<u>Requirement</u>	<u>√</u>	<u>Date</u>	<u>Comments</u>
All of the required items for a feasibility study.			
<u>Generator Data</u> - all induction generator data on the interconnection request form, including machine MVA size, rated power factor, impedances and time constants, etc.			
<u>One line diagram</u> showing the distribution system, wind turbine feeders, wind turbine locations, supplemental reactive compensation.			
<u>Distances and impedances of all segments</u> – starting from low side of step-up transformer. If the collector system step-up transformer winding configuration is wye grounded on the high side and delta on the low side, then provide both positive sequence impedances, including charging impedances. OR , if the collector system step-up transformer winding configuration is wye grounded on the high side and low side, with a delta tertiary, then provide both positive and zero sequence impedances, including charging.			
<u>Wind Turbine Step-up</u> transformer size, and impedance.			
<u>Wind turbine model</u> compatible with PacifiCorp's PTI PSS/E software.			
<u>Location/Size & Increments</u> of supplemental reactive compensation.			