

Queue #: _____ Customer: _____

Non-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> – PTI / PSS-E stability study model.			
<u>Excitation System Block diagram</u> and data, in IEEE format.			
<u>Power System Stabilizer (PSS) block diagram and data.</u> For all machines greater than 30 MVA or for all machines within a generating facility with total size greater than 75 MVA (see WECC policy),			
<u>Governor System Block diagram</u> and data, in IEEE format.			
<u>One line diagram</u> showing the distribution system, supplemental reactive compensation.			
<u>Distances and impedances of all segments</u> – starting from low side of step-up transformer. If the 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 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.			