

Queue #: \_\_\_\_\_ Customer: \_\_\_\_\_  
 Non-Wind Project: \_\_\_\_\_  
 Date of Application: \_\_\_\_\_

**System Impact Study Checklist**

| <b><u>Requirement</u></b>   | <b><u>√</u></b> | <b><u>Date</u></b> | <b><u>Comments</u></b> |
|---|-----------------|--------------------|------------------------|
| <b>All of the required items for a feasibility study.</b>   |                 |                    |                        |
| <b><u>Generator Data</u></b> – PTI / PSS-E stability study model  |                 |                    |                        |
| <b><u>Excitation System Block diagram</u></b> and data, in IEEE format.   |                 |                    |                        |
| <b><u>Governor System Block diagram</u></b> and data, in IEEE format.   |                 |                    |                        |
| <b><u>One line diagram</u></b> showing the distribution system, supplemental reactive compensation.   |                 |                    |                        |
| <b><u>Distances and impedances of all segments</u></b> – 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. <b>OR</b> , 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. |                 |                    |                        |