Analysis to Inform CA Grid Integration Rules for PV

Task 2 Feeder Selection

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May 15, 2015
Feeder Characteristics from CSI RD&D Solicitation #3 Project

Large-Scale Hosting Capacity Results from CSI RD&D Solicitation #3 Project Feeders
Feeders Selected for CSI RD&D Solicitation #4 Project

Criteria for CSI4 feeder selection

- **Utility**
  - 2-3 feeders from each utility
  - Each utility represented in the CSI4 analysis

- **Impact**
  - 3 high impact / low hosting capacity feeders
  - 2 moderate impact / moderate hosting capacity feeders
  - 2 low impact / high hosting capacity feeders
  - Low hosting capacity feeders could benefit more from smart inverters

- **Voltage Class**
  - Low/Medium/High
  - Majority of the feeders are in the 12 kV class

- **Equipment**
  - Certain equipment such as regulators have a direct relationship to low hosting capacity
  - Several feeders chosen have regulators

Feeders Selected for CSI RD&D Solicitation #4 Project

<table>
<thead>
<tr>
<th>EPRI Feeder ID</th>
<th>Hosting Capacity</th>
<th>Nominal Voltage</th>
<th>Equipment</th>
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<td>683</td>
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<td>12 kV</td>
<td>Line Regulators</td>
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