Background to NRECA Benchmarking

- Participants are anonymous
- Participation list is not revealed to anyone.
- No inference about “good” or “bad” reliability
- Intended to provide information to allow participants to assess their performance relative to others
- This information with raw data is provided to the participants so that they can make/share their own graphs.
- Data is provided to Touchstone Energy for use in the Balanced Performance Scorecard.
2013 NRECA Distribution Reliability Study

- Minimum SAIDI: 14.6 minutes per year
- 1st Quartile: 71.4 minutes per year
- 2nd Quartile: 105.2 minutes per year
- 3rd Quartile: 138.1 minutes per year
- Maximum SAIDI: 412.0 minutes per year

Individual SAIDI Scores
86 Respondents
2013 NRECA Distribution Reliability Study

SAIFI

Outage Frequency per Year

0.20  Minimum
0.83  1st Quartile
1.10  2nd Quartile
1.57  3rd Quartile
3.03  Maximum

Individual SAIFI Scores
86 Respondents
2013 NRECA Distribution Reliability Study

CAIDI

Minutes per Occurrence

- Minimum: 53.2
- 1st Quartile: 76.4
- 2nd Quartile: 96.7
- 3rd Quartile: 109.0
- Maximum: 190.7

Individual CAIDI Scores
- 86 Respondents
### 2013 NRECA Distribution Reliability Study

#### Year to Year Performance:

<table>
<thead>
<tr>
<th></th>
<th>2012</th>
<th>2013</th>
<th>Δ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average SAIDI</td>
<td>128.6</td>
<td>118.8</td>
<td>-9.8</td>
</tr>
<tr>
<td>Average SAIFI</td>
<td>1.4</td>
<td>1.2</td>
<td>-0.2</td>
</tr>
<tr>
<td>Average CAIDI</td>
<td>97</td>
<td>97.3</td>
<td>0.3</td>
</tr>
</tbody>
</table>

**Note:** We don’t track specific members so the yearly improvement shown is a generic average over the entire population of respondents.
New Data Analytics Platform
PwrMetrix by Aerinet