NRECA Reliability Benchmark Group

2012 Reliability Study
July 2013

Energy & Power Division
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.
2012 NRECA Reliability Benchmark Group
SAIDI
without Major Event Days

Minimum: 32.2
1st Quartile: 79.3
2nd Quartile: 121.9
3rd Quartile: 172.3
Maximum: 259.7
Sample Size: 51
2012 NRECA Reliability Benchmark Group

SAIFI

without Major Event Days

<table>
<thead>
<tr>
<th>Quartile</th>
<th>Minimum</th>
<th>1st Quartile</th>
<th>2nd Quartile</th>
<th>3rd Quartile</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>0.35</td>
<td>0.83</td>
<td>1.20</td>
<td>1.72</td>
<td>3.11</td>
</tr>
<tr>
<td>2nd</td>
<td></td>
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<tr>
<td>3rd</td>
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<td>4th</td>
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</tbody>
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Sample Size 52
2012 NRECA Reliability Benchmark Group
CAIDI
without Major Event Days

Minimum: 48.2
1st Quartile: 79.5
2nd Quartile: 93.1
3rd Quartile: 110.5
Maximum: 198.7
Sample Size: 52
Year to Year Performance

Yearly Improvement

<table>
<thead>
<tr>
<th></th>
<th>2011</th>
<th>2012</th>
<th>Delta</th>
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</thead>
<tbody>
<tr>
<td>Average SAIDI</td>
<td>134.3</td>
<td>128.6</td>
<td>5.8</td>
</tr>
<tr>
<td>Average SAIFI</td>
<td>1.4</td>
<td>1.4</td>
<td>0.0</td>
</tr>
<tr>
<td>Average CAIDI</td>
<td>97.5</td>
<td>97.0</td>
<td>0.5</td>
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</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
Questions?

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