PJM Stimulus Grant Update

TOA-AC
Chantal Hendrzak
July 9, 2009
## DOE Funding Opportunities

### GRANT
**Stimulus: Smart Grid Demonstrations (1304)**

<table>
<thead>
<tr>
<th>Status</th>
<th>NOI issued 3/2/09</th>
<th>NOI issued 4/17/09</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost Sharing</td>
<td>50%</td>
<td>50%</td>
</tr>
<tr>
<td>Funding</td>
<td>$100m cap/ project</td>
<td>$200m cap / project</td>
</tr>
<tr>
<td>Duration</td>
<td>2 – 5 years</td>
<td>3 years</td>
</tr>
<tr>
<td>Due Date</td>
<td>August 26, 2009</td>
<td>August 6, 2009 (initial)</td>
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</tbody>
</table>
PJM will undertake a major Synchronized Phasor Measurement Technology deployment project across the PJM footprint jointly with the PJM Transmission Owners (TOs) to deploy a Synchrophasor architecture to enable advanced applications for grid reliability starting with a wide-area visualization (situational awareness) application.
Functional Component View

PJM

Event & Alarm Processor

Data Processing

Superc PDC

EMS/SCADA

Displays

Phasor Data Archive

Other Monitoring Entities (FERC/NERC, etc.)

TO

PJM Displays

PDC

PMU

Data Processing*

* TOs can optionally receive phasor data from PJM