



Project Set 161A IntelliGrid Technology Transfer and Coordination

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Agenda and Objectives

Agenda

- Status of 2010 Deliverables
- Planning for 2011

Objectives

- Feedback
 - Is what we are doing valuable to you?
 - Is it delivered in a way that is useful to you?
 - How can it be better?

Project Set 161A: IntelliGrid Technology Transfer and Industry Coordination

Overview

- Industry Coordination and Collaboration
- Information Collection and Dissemination
- Smart Grid Roadmap Results
- Analytical White Papers



P161A – NIST Smart Grid Standards Tracking and Contribution Project

Objective

- Report and interpret NIST Smart Grid standards activities and contribute EPRI R&D results

Deliverables

- EPRI Collaborate website
- Monthly email status report
- Monthly webcasts

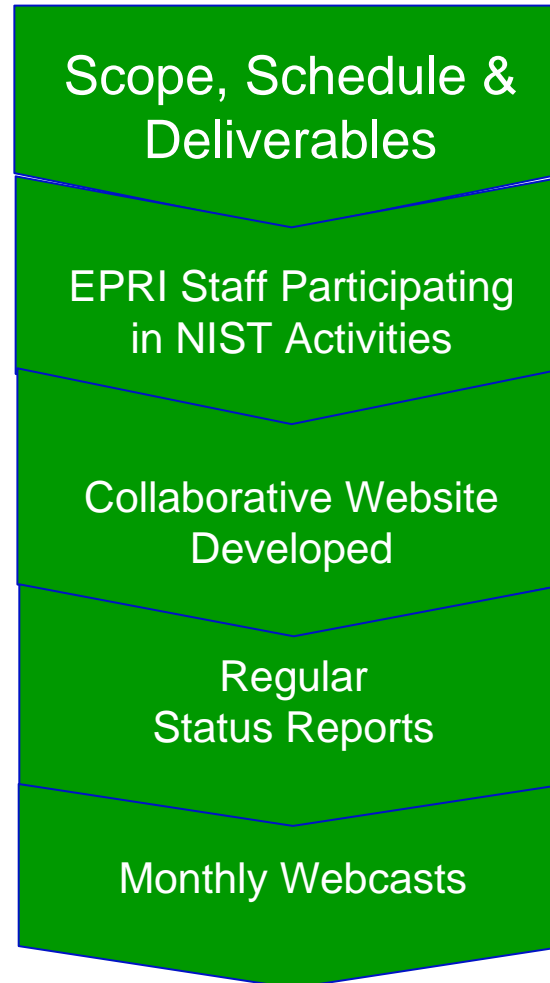
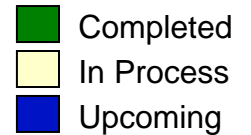
Completion Date

- Throughout 2010

The Big Picture

- Tracking and contributing to the NIST Smart Grid standards work

Key Tasks and Milestones



Questions

- Are you participating in the monthly conference calls to track NIST activities?
 - Yes
 - No
- Have you accessed the NIST tracking collaborative website that EPRI has developed?
 - Yes
 - No
- Do you find the calls and website valuable?
 - Yes
 - No

P161A – Smart Grid Informational Webcasts

Objective

- Webcasts on Smart Grid topics

Deliverables

- Monthly webcasts

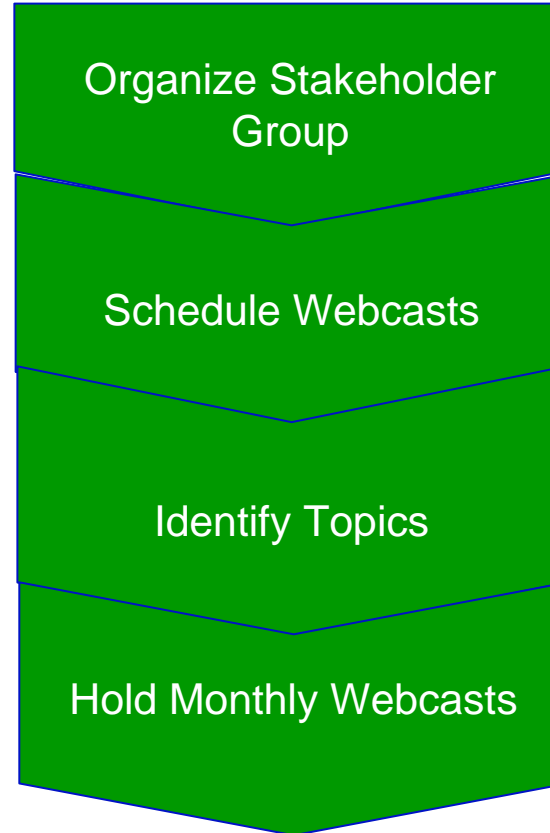
Completion Date

- Throughout 2010

The Big Picture

- Provides members with information on Smart Grid technologies, deployments, standards and policies

Key Tasks and Milestones



Upcoming Webcasts

- September – EPRI's Smart Substation Laboratory
- October – EPRI Communications R&D Strategy
- November – EPRI Cyber Security R&D Strategy

Questions

- Are you participating in the Informational Webcasts?
 - Yes
 - No

- Are they valuable to you?
 - Yes
 - No

P161A – Smart Grid Roadmap Synthesis Report and Workshop

Objective

- Report summarizing processes and lessons learned from EPRI's Roadmap development efforts with utilities. Workshop for utilities to share information and best practices for developing, maintaining and implementing Smart Grid roadmaps

Deliverables

- Technical Report / Workshop

Completion Date

- Workshop in Akron Ohio Sept. 28 & 29

The Big Picture

- Provides a venue for utilities to share information on Smart Grid roadmaps

Key Tasks and Milestones



P161A – Roadmap for California Smart Grid in 2020

Objective

- Roadmap for creating the Smart Grid to meet California's policy goals for 2020

Deliverables

- Technical Report

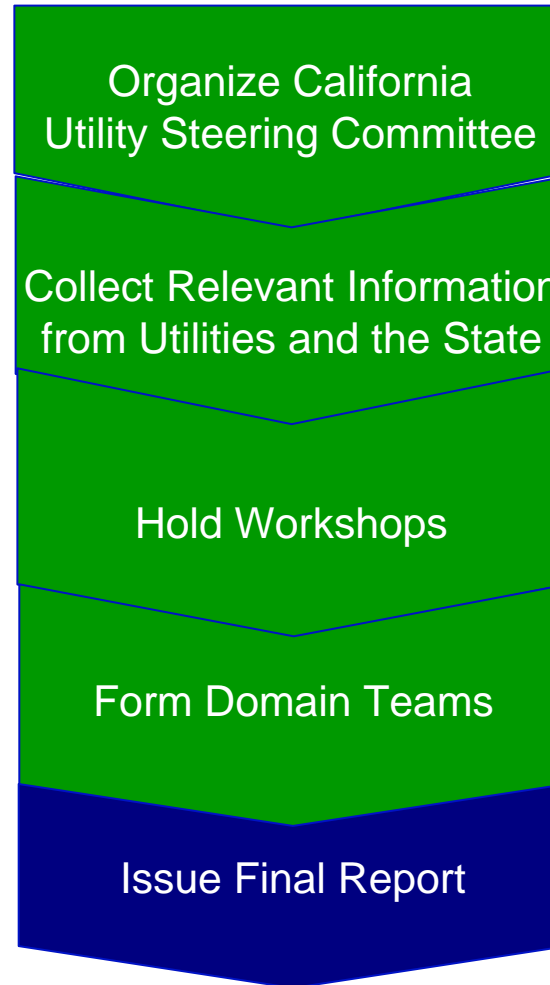
Completion Date

- 12/31/2010

The Big Picture

- Many states have in place or are developing policy targets that drive utility Smart Grid deployments. This report will link Smart Grid deployments to policy targets.

Key Tasks and Milestones



P161A – Public Advisory Group

Objective

- Meeting with Public Advisory Group

Deliverables

- 2 Meetings per year

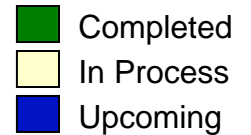
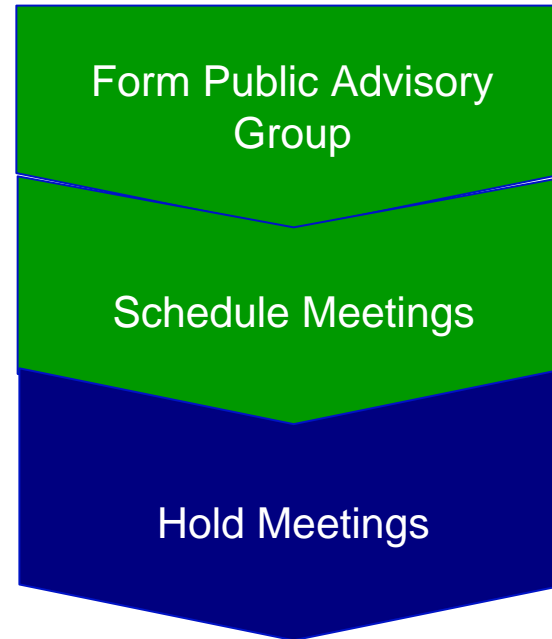
Completion Date

- Fall meeting September 20 & 21

The Big Picture

- Provides a venue for informing the public sector and for receiving advice and EPRI R&D

Key Tasks and Milestones



P161A – Smart Grid White Papers

Objective

- Develop a white paper that analyzes an industry Smart Grid issue

Deliverables

- White Paper

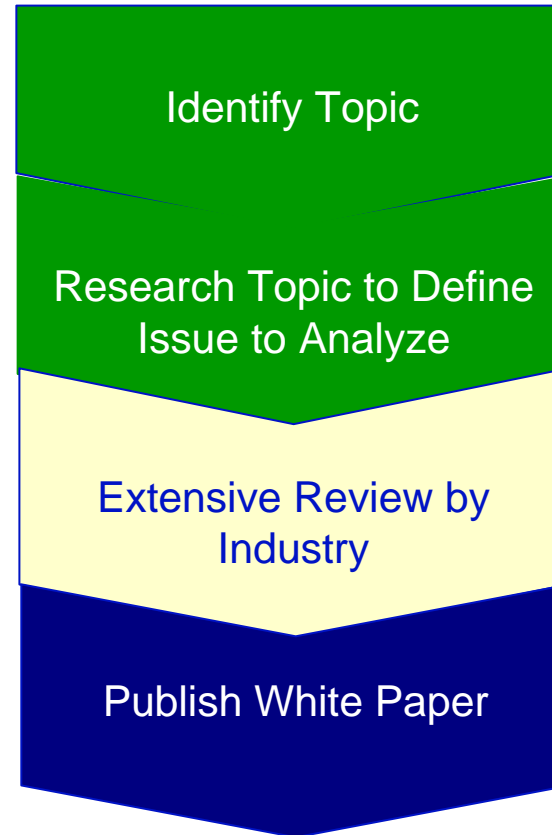
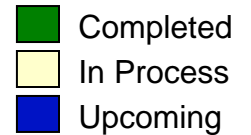
Completion Date

- 12/31/2010

The Big Picture

- Provides information to inform a policy debate

Key Tasks and Milestones



Topic for White Paper

- Utilities are in the process of deploying communications infrastructure for their AMI and Smart Grid deployments. In parallel, there are and will continue to be potentially disruptive developments in communications technology and policy - for example, Wi-Fi becoming available in sub-Gigahertz bands, technologies using unlicensed TV whitespace, and the possibility of spectrum being earmarked for utility applications (perhaps shared with Public Service). This EPRI white paper will provide an analysis of the presently foreseeable changes, and provide a framework for ongoing strategy and policy impact assessment from a technical-economic perspective.

Topic for White Paper

- Lessons learned from industry AMI deployments
- Written by Doug Houseman

2011

- Industry Coordination and Collaboration
- Information Collection and Dissemination
 - NIST Tracking and Contribution
 - Tracking other activities
 - FCC
 - NERC / FERC
 - Informational webcasts
- Analytical White Papers
 - Future topics?
- Continuation of Roadmap workshops
- Other activities??