DEWG CHARTER AND ROADMAPS

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INTRODUCTION

• DEWG Characteristics
  • Informal groups with open membership
  • Do not develop standards: no formal IPR consent statement, no balanced representation required
  • Key members are experts in specific application areas with rich understanding of SG application requirements, but open to participation for anyone interested

• Segmented by Application Domain (interface?)
  • transmission and distribution (TnD), home-to-grid (h2g), building-to-grid (b2g), industry-to-grid (i2g), vehicle-to-grid (v2g), business and policy (BnP)
  • Open for discussion: do we have the right groups to address the mission statement to be discussed? (revisit this question at the end)
DEWG MISSION DISCUSSION PLAN

• Mission statement review and Q&A
• Bulletized version for discussion in small groups. 10 minutes for small groups to discuss:
  • Clarify statements. Missing elements? Overlaps?
  • Take summary notes!
• Take 10 minutes to hear each small group’s feedback and use that to modify mission statement bullets on screen.
• Then we discuss needed activities and outputs to support each mission statement component.
DEWG MISSION STATEMENT (DRAFT)

The DEWGs perform technical assessments for standards interoperability and PAP development in support of the SGIP, and strategic analysis of broader interoperability issues.
DEWG MISSION (BULLETIZED VERSION)

1. Perform technical development and assessment of the requirements for standards interoperability to enable Smart Grid functionality. This includes:
   1. Recommendation of activities required to address interoperability issues:
      1. Initiation and development of PAP proposals to promote to GB.
      2. Initiation of a task force to study an issue
      3. Some needed coordination among groups
   2. Review of any work products of SGIP GB and subgroups that would benefit from the domain expertise of a DEWG, or in which the DEWG has stakeholder representatives.
      1. E.g., evaluation of PAP proposals passed to DEWGs for review by GB or position papers from other DEWGs.
      3. Identify and engage all relevant stakeholders to support DEWG technical assessment activities for evaluating standards interoperability issues.

2. Support PAP development
3. Strategic analysis of issues that may range across the GWAC stack.
DEWG Activities and Outputs

• One screen has the revised mission statement components. Second screen has these questions.
• For each mission statement component (revised per discussion), please answer these questions:
  • What do we need to do to accomplish this?
    • And what additional resources needed?
  • How do we do that? (within DEWG, or coordination with other groups, other)
  • What are the outputs?

• (Reference slides on PAP process and SGIP structure)
DEWG MISSION (SOME PRE-IDENTIFIED OUTPUTS IN RED)

1. Perform technical development and assessment of the requirements for standards interoperability to enable Smart Grid functionality. This includes:
   1. Recommendation of activities required to address interoperability issues:
      1. Initiation and development of PAP proposals to promote to GB.
      2. Initiation of a task force to study an issue
      3. Some needed coordination among groups
   2. Review of any work products of SGIP GB and subgroups that would benefit need the domain expertise of a DEWG, or in which the DEWG has stakeholder representatives.
      1. E.g., evaluation of PAP proposals passed to DEWGs for review by GB.

Outputs:
   1. Preparation of a periodic assessment of interoperability issues of concern to the DEWG for submission to the GB and recommendations for action on each issue.
   2. Draft PAPs, or written review of PAPs and other work products under SGIP development.
   3. Written recommendations on any concern to be passed to the GB after discussion and approval by DEWG.
   4. Use cases, requirements, identified standards for entry into the IKB.

3. Identify and engage all relevant stakeholders to support DEWG technical assessment activities for evaluating standards interoperability issues.

To address this: we should note representation on issues discussed, and consciously evaluate if the work products/recommendations from the group have needed representation. Participants contributing to some recommendation or work product evaluation should be recorded along with the evaluation of needed representation on an issue.

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DEWG MISSION (SOME PRE-IDENTIFIED OUTPUTS IN RED)

2. Support PAP development

   Output: Perform PAP tasks – use case analysis, use case and UML diagram development, etc.

3. Strategic analysis of issues that may range outside of a particular DEWG domain and outside of the SGIP scope itself.

   Output: Position papers on any issue of concern to the DEWG as input to SGIP or other audience.

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CROSS-SGIP CONNECTIONS

NIST Oversight

Stakeholder Category Members (22)
SGIP Standing Committee Members (2)
At large Members (3)
Ex Officio (non-voting) Members

SGIPGB

Smart Grid Interoperability Panel and Governing Board

One Organization, One Vote

Standing Committees
Adhoc Working Groups

Products (IKB)

Smart Grid Identified Standards
Priority Action Plans
Use Cases
Requirements
Std Descr.

Conceptual Model

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PAP LIFECYCLE

Priority Action Plan (PAP) Project Lifecycle (2010-02-18)

Governing Board
- Review PAP Proposal
  - Should this be a PAP?
  - No → Further study needed?
  - No → Complete
  - Yes "Iterate as Necessary"

SGIP Plenary
- Establish Charter
- Identify initial PAPWG participants
- Identify relevant SSOs
- Establish study/investigation (DEWGs)
- PMO Monitors Process
- Confirm Standard Meets SGIP Requirements
- Study Description & Charter
- PAP Charter
- Project Management Artifacts
- Use Cases and Requirements
- Consensus Decision
- New, revised, or harmonized Standard(s)

PAP WG
- Establish PAP team and activities
  - PAPWG formed
  - Identify project tasks and deliverables; Use Cases and Requirements for Standard(s)
  - Review Requirements for Standard
  - Develop/Sharpen Standard
  - Review Draft Standard with PAP WG
  - Iterate as Necessary

SSO
- SSOs accept responsibility for coordination
- Review SSO New or Revised Standard

IKB
- Post Use Cases
- Post Draft Requirements for Standard(s)
- Post Identified Standard to List
- Complete

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DEWG REPRESENTATION

• Do the following groups fully represent SG domains as needed to accomplish the just-discussed mission statement and outputs?
  • transmission and distribution (TnD)
  • home-to-grid (h2g)
  • building-to-grid (b2g)
  • industry-to-grid (i2g)
  • vehicle-to-grid (v2g)
  • business and policy (BnP)

• Are the right stakeholders involved in these groups?
**SUMMARY**

• Any and all interested (smaller group, tonight) in distilling the input from this breakout into a “DEWG roles and responsibilities”, as input to the GB, are welcome to stay after to decide on how to proceed with that activity.
• *Other action items??*