SG-Network TF Conf Call Notes - DRAFT

Date/Time: 15Jan10, 4-5pm EST

Participants:
Matt Gillmore (Chair)
Bill Godwin
Bill Leslie
Jerry Armes
Luis Pizano
Michael Northern
Paul Duffy
Ron Cunningham
Vincent Bemmel

Agenda Items / Major Discussions:

Data/Message Flow Diagram – Ron Cunningham described a draft of the diagram that is formatted (with content) specific to SG-Network anticipated needs for inclusion in the deliverables for PAPs 1 & 2. The diagram:

- Is focused on the networking needs that cross the SG business domains and the key actors of those domains that act as the gateway actors for those domains.
- Includes data/message flow labels that are used to link to the business function and volumetric requirements.
- Adds more data/message flow details than the "NIST Smart Grid Framework 1.0 September 2009" diagram
- actors & data/message flows identified in the SG-Net TF uses case documentation versus the actors/flows in the NISTIR 7628 draft document

Discussed how closely SG-Net needed to track to the same actors, data/message flows listed in the NISTIR 7628 draft. If was agreed to proceed with the current format/structure and content diagram draft (e.g. based on SG-Net use case documentation of actors and data/message flows). Rationale – the proposed diagram format/structure better met the needs of SG-Net and the content would be modified to better represent utility architecture/design and deployments.

Business Functional & Volumetric Requirements – Ron Cunningham also described a modification to the functional/volumetric requirements table that included additional columns to allow mapping the specific data/message flow (from the stated functional requirements), to: SG-Net Data/Message Flow Diagram draft
NISTIR 7628 draft – actors and associated data/message flows, along with other recommended edits to the functional/volumetric specific content.

Discussed how much effort to put into mapping the SG-Net TF SG Use Cases, Actors, Data/Message flows to those in the NISTIR 7628 draft document. If was agreed to focus on mapping the SG-Net SG Actors and Data/Message flows now and mapping to NISTIR would actors and data/message flows may be a future work item.

DA Use Cases, Actors, Functional/Volumetric Requirements – Bill Godwin reviewed a early draft of identifying some DA use cases, actors, and volumetric requirements for inclusion into the SG-Net SG use case, business functional/volumetric

requirements documentation.

Discussed the content and what additional information that needed to be added, e.g. other utilities perspectives; business function (actors and data/message flows) text; other volumetric attributes). Note – since the meeting Bill sent out an update to that 1st draft that added some additional actors and comments. It was agreed that this was a good 1st step and we needed to continue building upon it.

To-Do's

1. **SG-Net Diagram format/structure** – Matt Gilmore to follow-up with Nada Glomie (NIST)
2. **SG-Net Diagram content** – all to review and especially the utilities, provide data/message flow and network connection updates to best represent a consolidated view across the utilities.
3. **SG-Net Diagram actors data/message flows** – Ron Cunningham will use the current draft of SG-Net actors and data/message flows to revise the diagram versus continued use of the NISTIR actors and data/message flows. Any data/message flow labels in the diagram will also be applied to the draft functional/volumetrics matrix.
4. **Functional/Volumetrics database** – Jerry Armes will create a draft database structure (using MS ACCESS), as a SG-Net alternative to working with the multiple spreadsheet tabs included in the earlier “app_matrix_pap” and variants, tables
5. **NISTIR Actors, Data/Message Flows** – SG-Net provide feedback to NIST concerning revising the NISTIR actors, data/message flows to better match utility SG architectures/designs and deployments.
6. **Functional/Volumetric Requirements file format** – Matt Gillmore to take current spreadsheet file format and translate it into text document, rationale - will allow for better content formatting and tracking changes than spreadsheets.