



Smart Grid Sub-Team
June 26 2006 Meeting Minutes
11:30 am – 12:00 pm

Review of work products developed to date. Outline of deliverables and format/assignments to date.

Gerald Wyse, DTE, “circuit automation/reliability” is a component of Smart Grid technology. Wyse circulated a one-page document from www.utility-automation.com On Smart Energy Perspectives on “What is a Smart Grid”?

Steve Paytash brought up concerns about how the report/data from the Smart Grid Sub-Team will be organized. The framework for this approach is only draft at this point.

Revised SmartGrid Report Outline

1. What is Smart Grid? EXAMPLE: Provide a layman’s overview of the accepted definition of Smart Grid
2. What are the Principal Characteristics of a Smart Grid? EXAMPLE: Use the GridApp document on this
3. What are Smart Grid technologies important? EXAMPLE: what are the attributes, benefits and drawbacks to SmartGrid for Michigan?
4. What are the existing “SmartGrid” initiatives underway – EXAMPLE: IntelliGrid (EPRI); GridWise/GridWorks (DOE); ModernGrid Initiative (DOE); GridApp; BPL Pilot Program; Galvin Electricity Initiative; etc?
5. Are there Michigan initiatives (past & present) which embody the SmartGrid approach? EXAMPLE: “Intelli-Team circuit automation – a Consumers Energy pilot project which was focused on a region of their service territory.*
6. What should the approach be for Michigan to advance/expand Smart Grid? EXAMPLE: Formulate a recommendation to create a GridApp consortium for Michigan involving all affected entities. Second approach would be a Pilot Project” for one service territory (Municipal or Co-op?)

*Distributed Energy Resources (DER) approach being used by DTE, to sell power to the MISO market (@ 16 MW). Ability to use load following technologies from the substation and the customer? This is a DOE funded project.

**DTE Advanced Meter Reading project (presentation by DTE) is another example to cite in this section

EPRI is willing to provide resources and technical feedback on our work is desired. (per Jeffrey Pillon, MPSC, comments to the group).

Issues related to a greater use of “intelligent” technologies for use on the distribution and transmission systems. Balancing resources available for peak demand and additional loads in a better fashion than existing methods. Communication protocols are a major issue related to the Smart Grid approach.

The revised “Report Outline” for the Smart Grid Team will be circulated and posted for review/comment.

Next Smart Grid Sub-Team meeting will be held on July 27th at 1:00 pm at MPSC offices.