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](http://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.