

## **AMI-SEC Team Conference**

Thursday, June 25, 2008.

Daren Highfill, Chair

### **Summary**

The AMI-SEC meeting was hosted by Entergy in New Orleans, LA. The team had a great turnout. The team discussed the AMI-SEC Roadmap, UtiliSEC presented by Jeremy McDonald, Relevant Security Work presented by Neil Greenfield, use of public networks, security use cases and system security architectural description presented by Bobby Brown, Coalton Bennett and James Ivers.

### **Documents**

The Chair discussion and agenda items were presented via PowerPoint. The meeting presentation may be found on the AMI-SEC SharePoint site. Other documents found on the AMI-SEC site: "Addressing Security Issues – Smart Grid Infrastructure" PowerPoint presentation by Neil Greenfield, System Security Architectural Description.

### **Technical Discussion**

The Chair opened with discussion of the AMI-SEC Roadmap including ASAP support functions. AMI-SEC outreach and a roadmap outline were also discussed (reference Face-to-Face PowerPoint slides).

Next, the formation of UtiliSec Working Group was presented by Jeremy McDonald. The hierarchy within UCAIug, goals and objectives for the group were discussed.

Next, there was open discussion around the use of public networks with AMI and the associated risks. There were many use cases where in-band, out-of-band, and a combination in-band/out-of-band communication were identified. Regulatory issues, scope definition, third party gateways into the home, "natural security" and an information model concerns were also presented.

Neil Greenfield followed with a presentation entitled "Addressing Security Issues for the Smart Grid Infrastructure". The presentation included topics covering defense-in-depth, security challenges, industry security standards and processes.

The final discussions were formed around the System Security Architectural Description and Security Use Cases presented by Bobby Brown, Coalton Bennett and James Ivers. The rationale of the viewpoint methodology was presented by James. There was discussion about integration of use cases with AMI-ENT. AMI-SEC will seek to work with AMI-ENT to integrate use cases between the teams. The question was also posed as to whether municipalities and military bases have a unique security treatment within AMI. The team resolved that municipalities have safety and reliability issues that need to be addressed

and that critical infrastructure data will be transported over the AMI network. Military bases are handled similar to industrial customers.

## Upcoming Meetings

The next teleconference for AMI-SEC is scheduled to be held July 9<sup>th</sup> from 1-2 PM EDT. The following teleconferences are to be held July 23<sup>rd</sup> and August 6<sup>th</sup> from 1-2 PM EDT. The next face-to-face meeting is scheduled for August 22<sup>nd</sup> from 9am-3pm EDT at:

  
CORPORATION  
620 Mabryhood Road  
Knoxville, TN 37932

UtilityAMI WG meetings will be held August 20<sup>th</sup> – 22<sup>nd</sup>.