

## PSNH Planning Process

1-27-2014

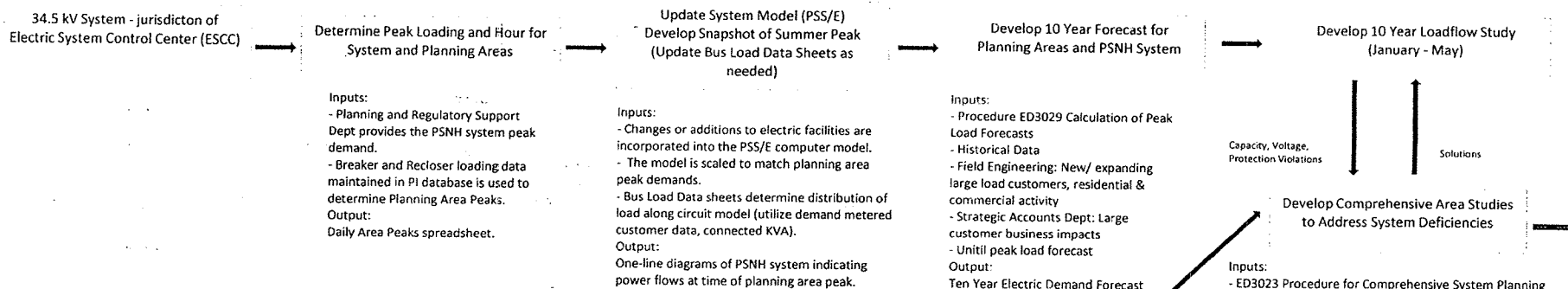
DE 13-177 PSNH 2013 IRP

Testimony of Brennan

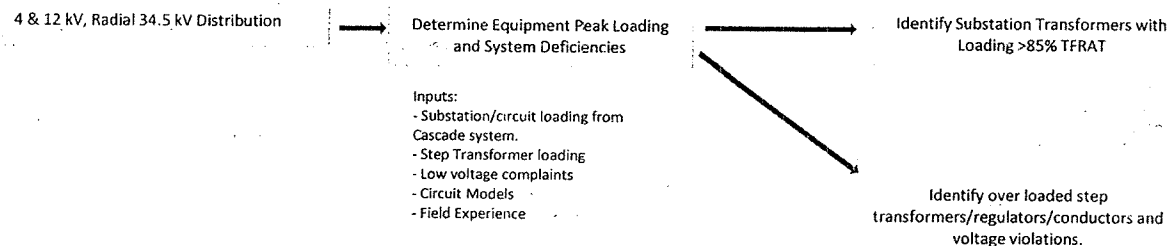
Exhibit 1 "PSNH Planning Process 1/27/14 Technical Session"

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### System Planning Department



### Field Engineering Department



Reliability Improvement Projects (Top 50 Worst SAIDI performing circuits, CAIDI improvement projects.)

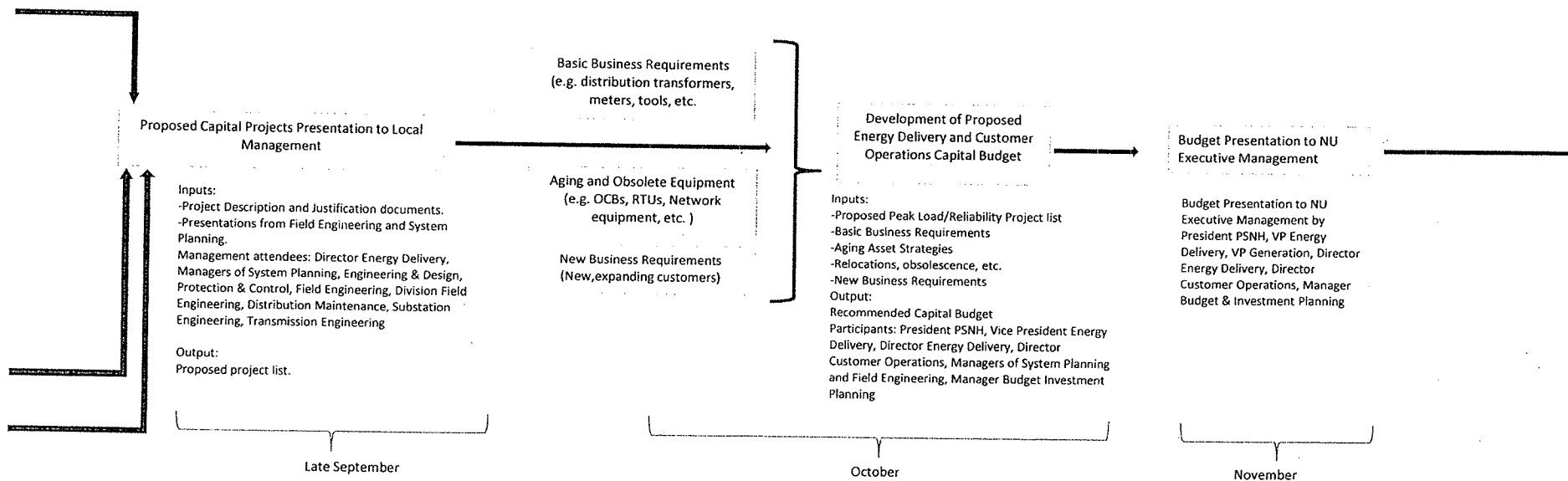
**Inputs:** SAIDI Hit list, CEMI circuit list, Circuit reliability statistics.  
**Output:** Hit List Recommendations, EWRs, Capital

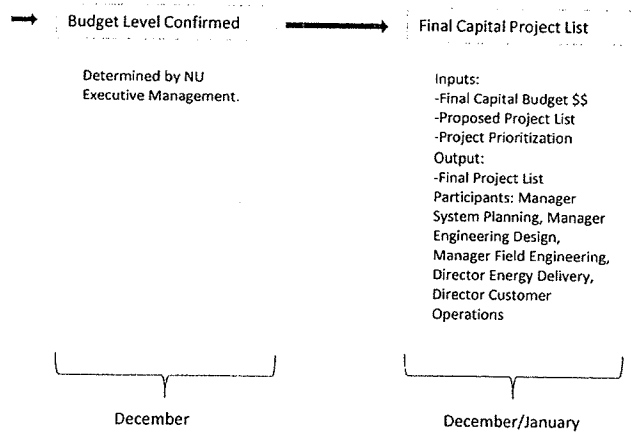
July - August

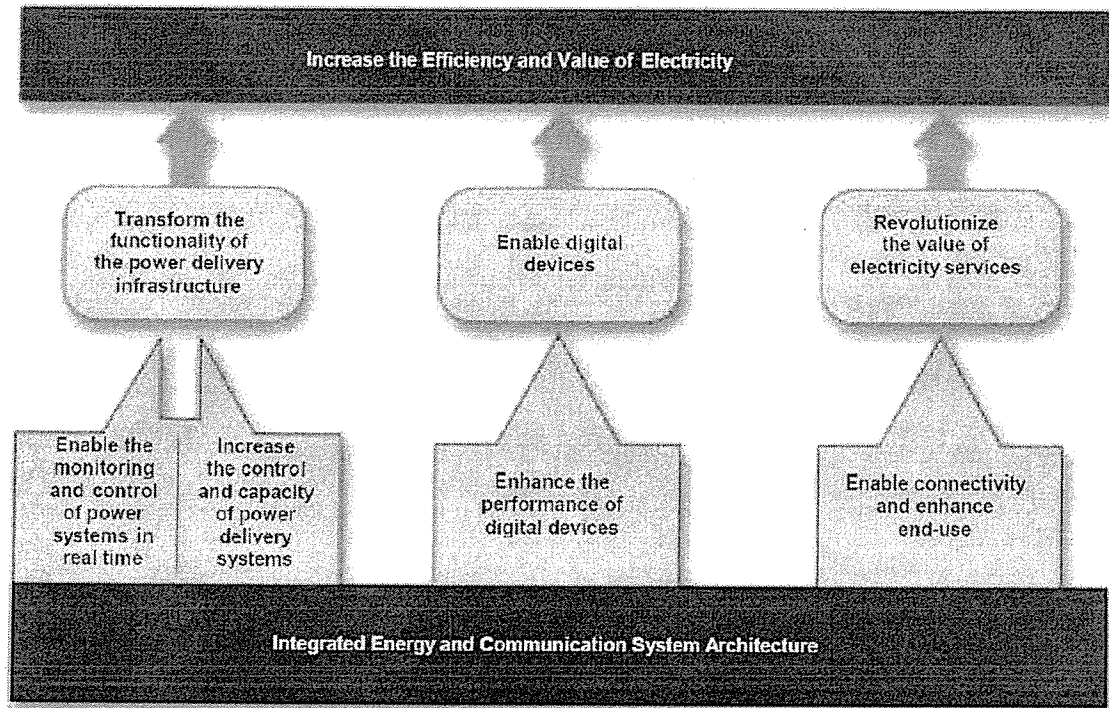
August - September

\* - C&LM - Policy TD190 also requires a review of projects in January of each year to determine whether projects proposed in the 5 year time frame are candidates for targeted C&LM. This meeting is attended by Manager Field Engineering, Manager System Planning, and Customer Solutions Program Manager.

Inputs:  
 -Demand Forecast  
 -Future system upgrades  
 -Procedure ED3002 Distribution System Planning and Design Criteria Guidelines  
 -Basecase and Contingency loadflows  
 Output:  
 Ten year Loadflow Study  
 -Identify violations  
 -Identify confirmed solutions from Comprehensive Area Studies (yrs 1-5)  
 -Identify preliminary solutions (yrs 6-10)







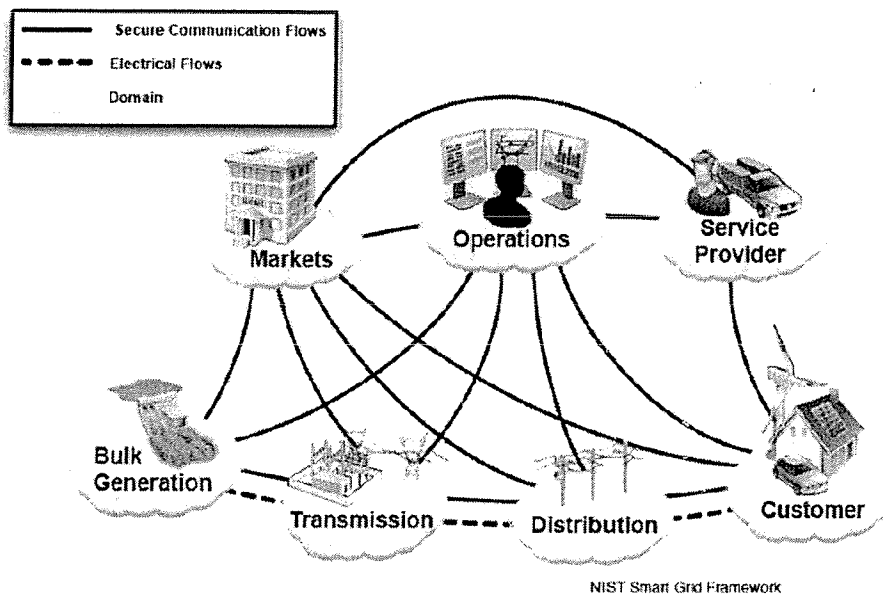


Figure 3-1. Interaction of Actors in Different Smart Grid Domains through Secure Communication