

Forecasting Workshop

June 16, 2004

Flipchart Notes

Note that all of the numbered items indicate issues for which the group tried to identify some action items. Other bullets indicate issues related to adequacy that should be addressed at the September Symposium or in a different forum.

Issues

- Transparency in planning process
- Explain to others inside the industry how info is collected, used in planning
- (1) Disjointed effort/lack of communication
 - Action Items:*
 - Meeting of the load forecasting community (NWPP could host through NTAC)
 - Come up with definitions of load forecasting in effort to make more consistent
 - Terry, Shep, Chris, Clement Ma to find location, develop agenda, etc.
 - Jerry to call Clement
- Multiple purposes of forecasting – transmission vs. power
- (2) How to forecast for extreme loads?
 - Action Items:*
 - Develop methodologies to get better measure of extreme loads
 - Forecasting Group (FG) to address issue of extreme loads (i.e., handle on sum of coincidental incidents) ~ Monte Carlo forecast, but still need observed data
 - Needs to be done on regional basis in addition to NWPP level
 - Also need to find agreement on regular load
 - Find agreement on design temperature
 - Technical Issues for FG
 - Take a look at reactive requirements
 - Look at WECC Process
- (3) Need to validate forecast with what actually happened
- What do we mean when we say “coincident peak”
- Risk assessment / profiles
- Missing data
- What is adequacy? Resource + resource distribution
- Short-term + long-term capacity planning
- Build up adequacy of data from utility level up to Western –interconnection and regional level
- (4) Confidentiality?? – What data does need to be conf.
 - Action Items:*
 - To begin addressing confidentiality – release of information
 - Start with NWPP 17 control areas

- Ask for participation/allowance
 - Need info about geographic location of load in order to develop long-term strategy (NWPP always retrospective)
- Predictions v. understanding
- (5) Consistency in data and where's it going?
 - Action Items:*
 - To release info within NW
 - Note differences between control areas
 - Note no information on area sectors
 - Need info about geographic location of load in order to develop long-term strategy (NWPP always retrospective)
 - Need to build an inventory of info needs for all parties (who sending info where.)
- Variances in risk profiles, but hopefully base data is the same.
- (6) Data could go to common entity with clear definition of use and consistency
 - Action Items:*
 - Find agreement on who to report numbers to NWPP/WECC (re: control area reporting)
- Market sensitivity (load forecasts themselves may not have market value, but utility's ability to meet demand)
- Don't know where generation resource is going ~ adequacy
- (7) Clearly state assumptions/expectations – establish baseline, consistent database. Common language in the same village
- (8) Uncertainty in load forecast for use by trans. planners
 - Action Items:*
 - FG to look at range for 10-years out and planners need to figure out how to use info