

Agency Load Forecasting and Analysis

- Marketing and Sales EPIP resulted in centralized customer support functions located in the *Back Office*.
- Centralized functions include billing, metering, contract administration and load forecasting and analysis.
- As part of the *Back Office*, we do not engage in contractual transactions with customers; we support transmission and power.
- Goal: provide accurate and timely forecasts by being as objective as possible. We have no stake in what the load amounts are, as long as we believe them to be as accurate as possible.
- All customers have assigned load analysts.
- Load analysts work with AEs, account specialists, customer service engineers and with the customers themselves.
- The preferred outcome: all parties agree on a forecast, although BPA always makes the final determination.



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- Now using a common platform for all analysts and forecasts.
- All load data is housed in the tool; all analysts see the same data.
- Forecasts are provided for:
 - short-term (hourly out 14 days)
 - medium-term (hourly out 18 months)
 - long-term (monthly out 20 years.)
- Forecasts are developed by Points of Delivery (PODs) and by customers; they can be aggregated in any way desired.
- For long-term, BPA forecasts: LLH energy, HLH energy, generation system peak, coincidental peaks, non-coincidental peaks, transmission peaks, minimum load.
- Analysts are building models and comparing new forecasts to existing forecasts, including Slice load forecasts.
- Customer energy forecasts targeted to be completed by the end of this calendar year—nearly all will be vetted with customers.



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Going Forward

- BPA customer forecasts for energy completed by the end of the 2007 calendar year.
 - forecasts updated annually in conjunction with customer teams and with customers.
- As proposed, a customer's High Water Mark would depend upon, among other things, its actual 2010 loads adjusted to what they would have been had the world been normal that year.
- Sample of technical considerations yet to be determined:
 - How should weather adjustments be made?
 - How are industrial loads to be adjusted? (e.g., are there force majeure parameters to be established?)
 - How to adjust irrigation loads?
 - How are conservation investments factored into the outcome?
 - How will we account for resources "behind the meter?"
 - Others???

