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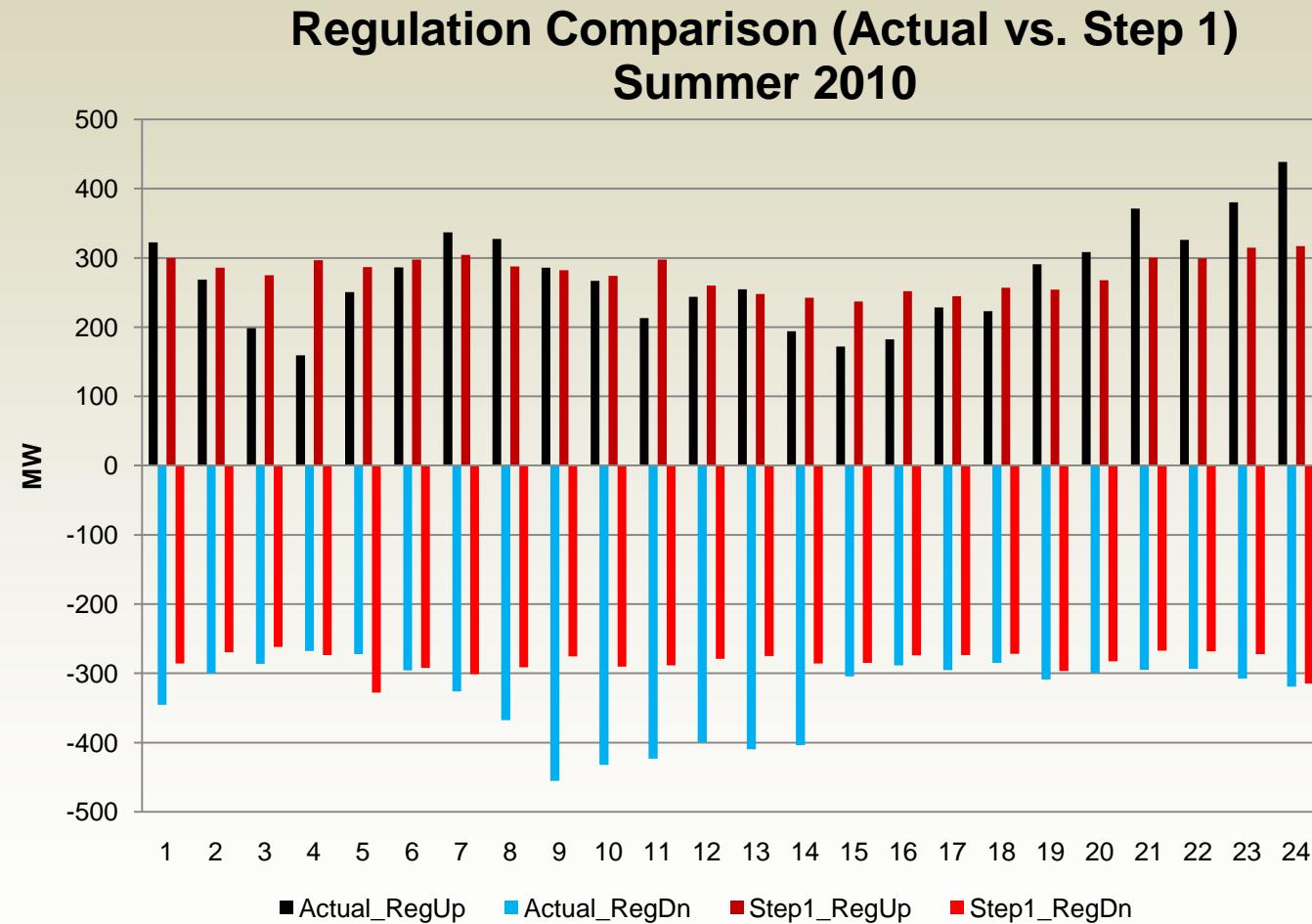
# Comparison of calculated regulation/load following quantities with actual quantities – Summer 2010

Presented at CPUC Workshop on  
CAISO and PG&E Renewable Integration Model  
Methodologies  
October 22, 2010

# Explanation of comparison

- Step 1 regulation and load following results reflect applying step 1 methodology to actual minute by minute summer load
- Step 1 plus deviations reflects step 1 results plus other uninstructed deviations from dispatch operating target on resources not on regulation plus inadvertent
- Actual regulation reflects the actual regulation utilization based on AGC base point movement away from 5-minute dispatch operating targets
- Actual load following reflects differences between hour-ahead load forecast and 5-minuite real-time load forecast

# Regulation Up/Down comparison – theoretical vs. actual



# Load Following Up/Down comparison – theoretical vs. actual

