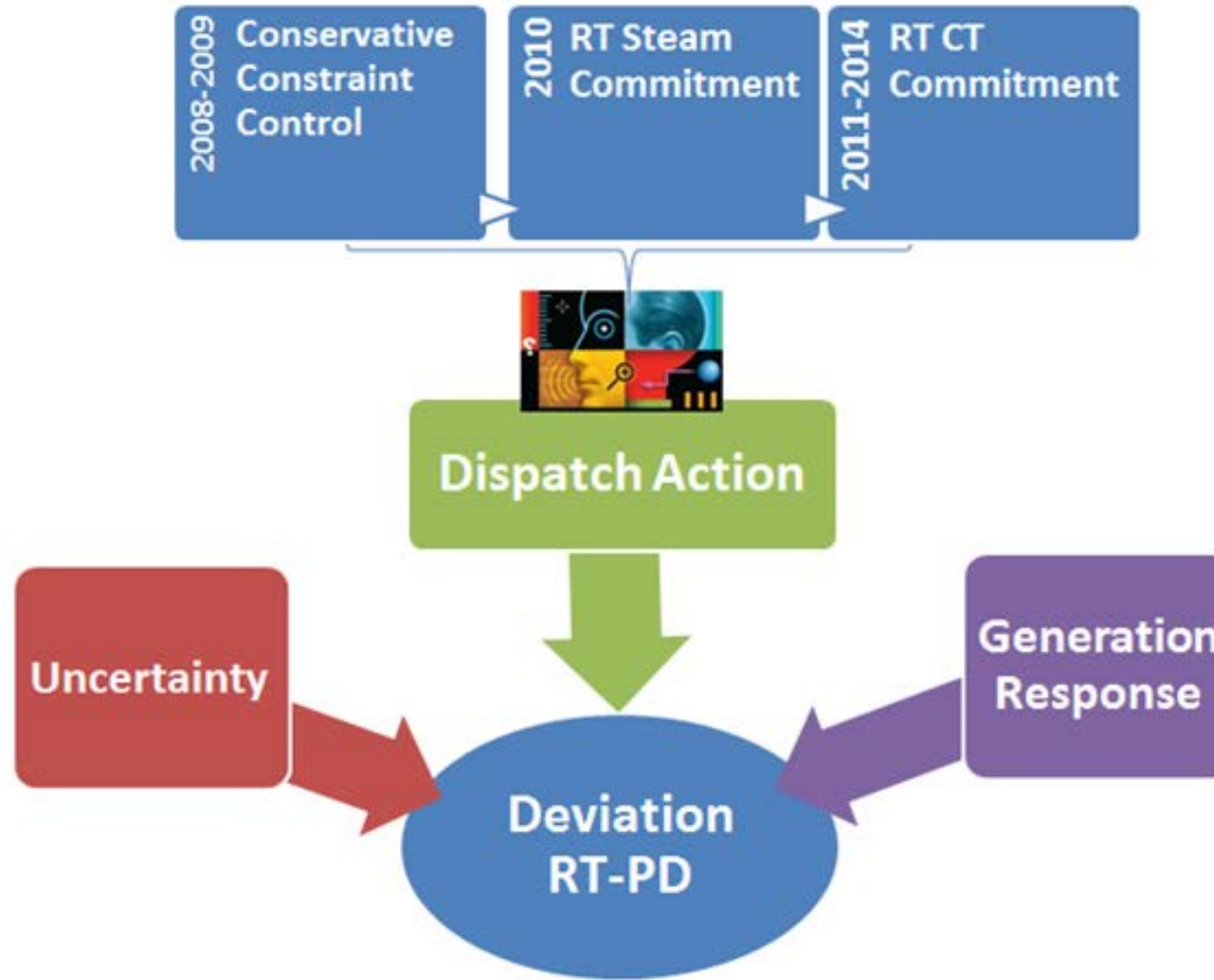
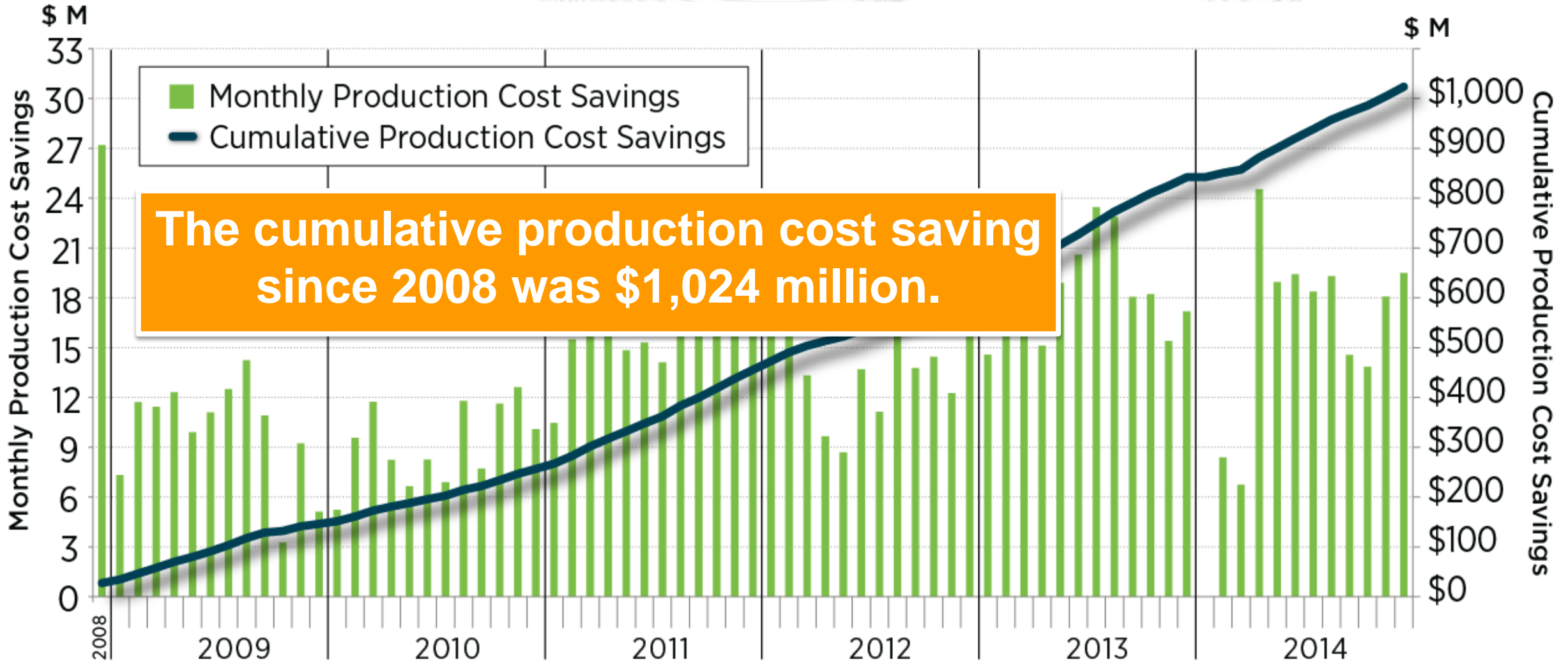




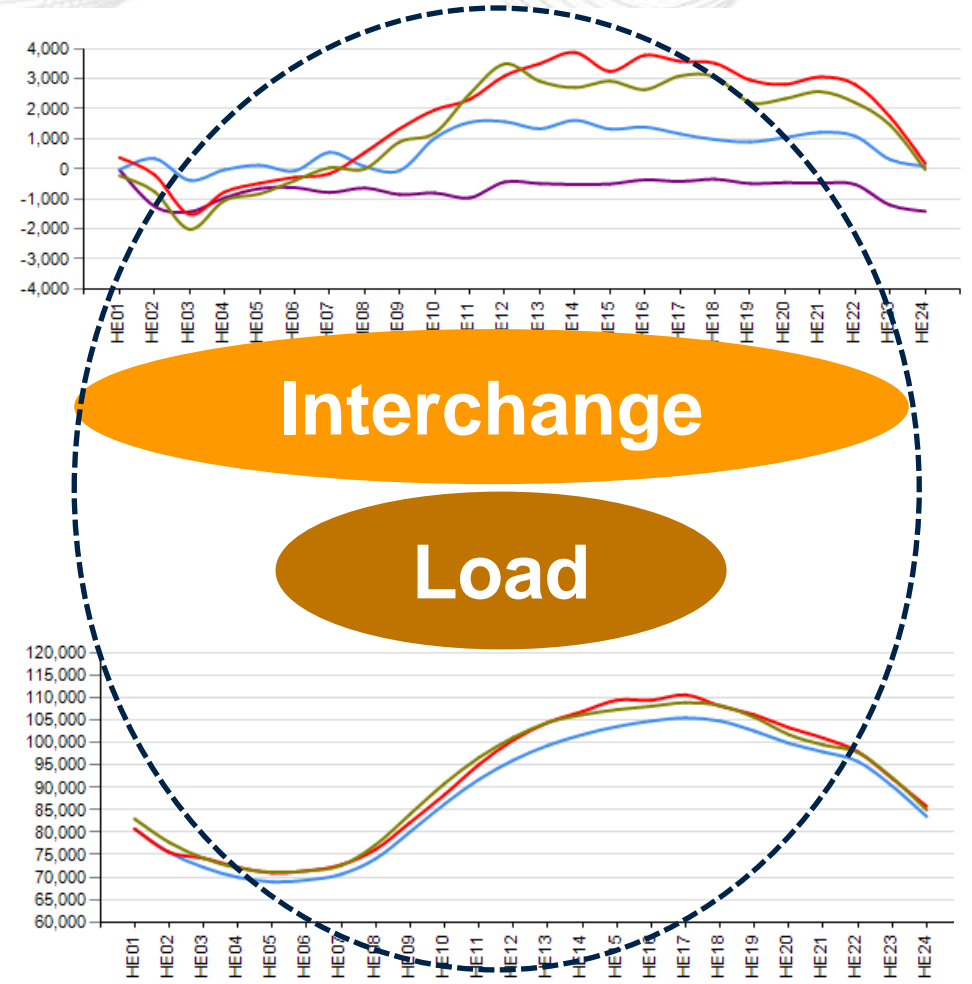
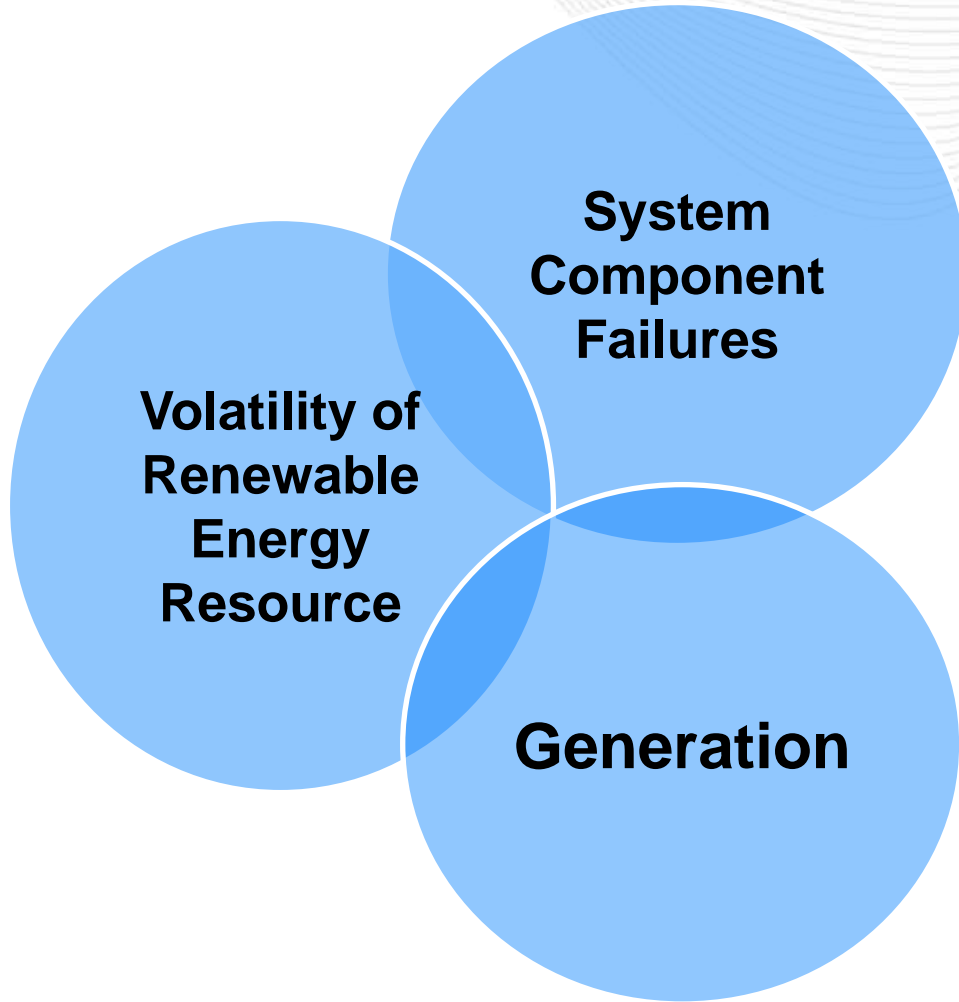
Load and Interchange Uncertainty: PJM's Experience

Hong Chen
PJM Interconnection
June 22, 2015

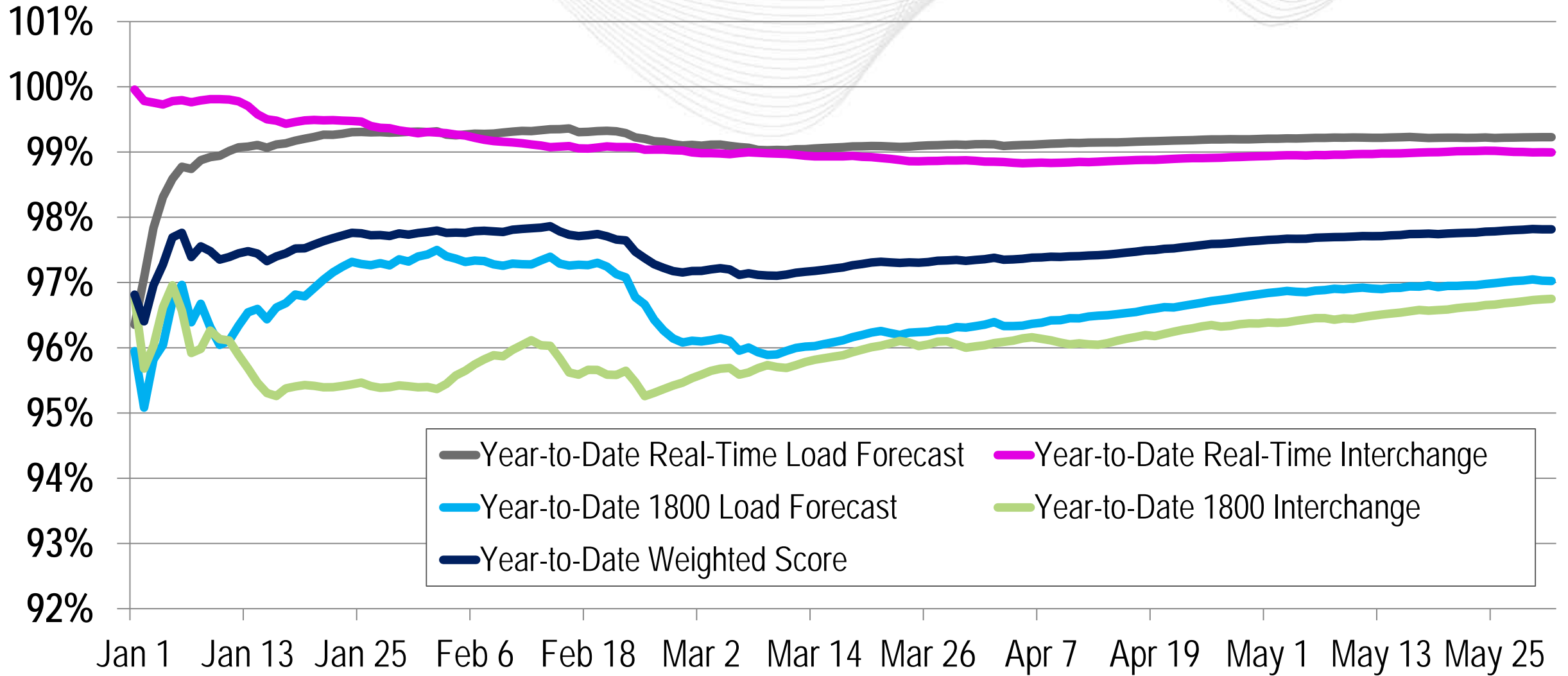






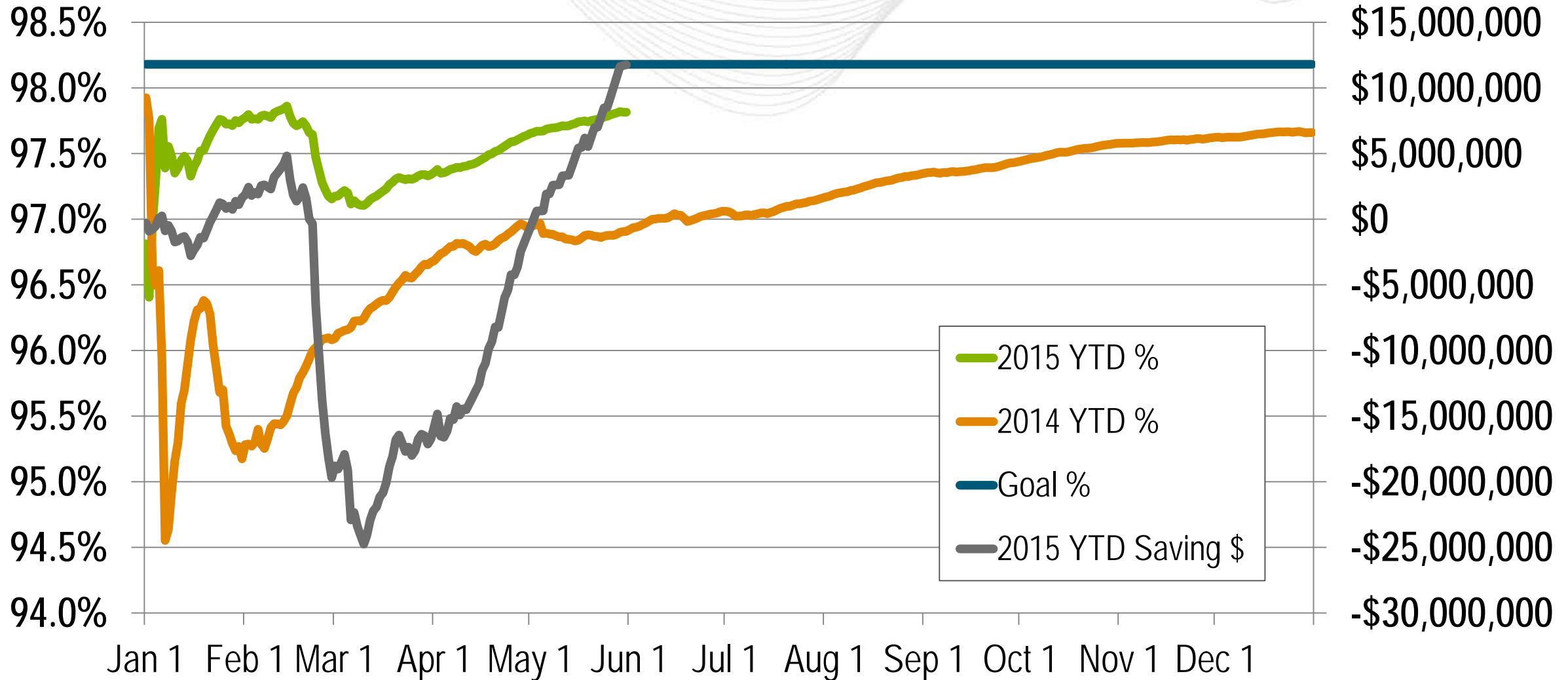


Forecast Accuracy Performance: Component View





Improve Economic Efficiency Through Forecast Improvement



Load Forecast



Multiple Methods

Weather Conditions

Dispatch Override



Interchange Forecast

Add DA Interchange Forecast

Bayesian Model Averaging (BMA) & Neural Network

Incorporate pricing factors

Hedging Risk: Integrate “Robustness” into RAC Decision

