

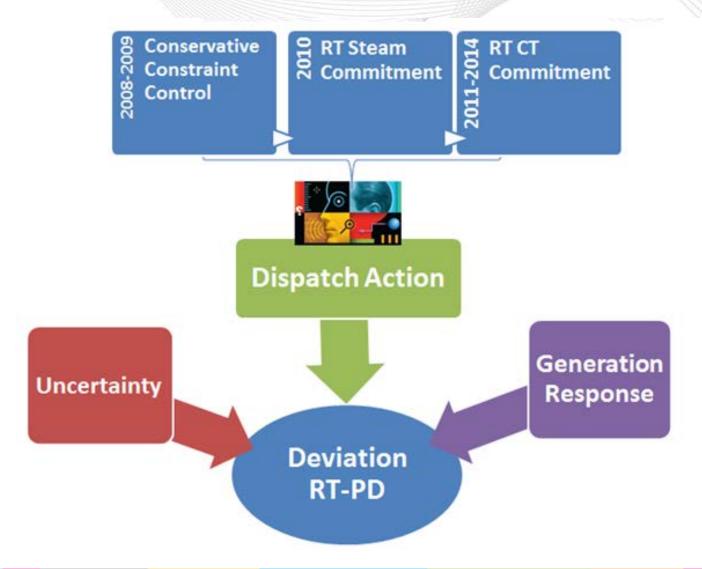
Load and Interchange Uncertainty: PJM's Experience

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PJM Interconnection
June 22, 2015

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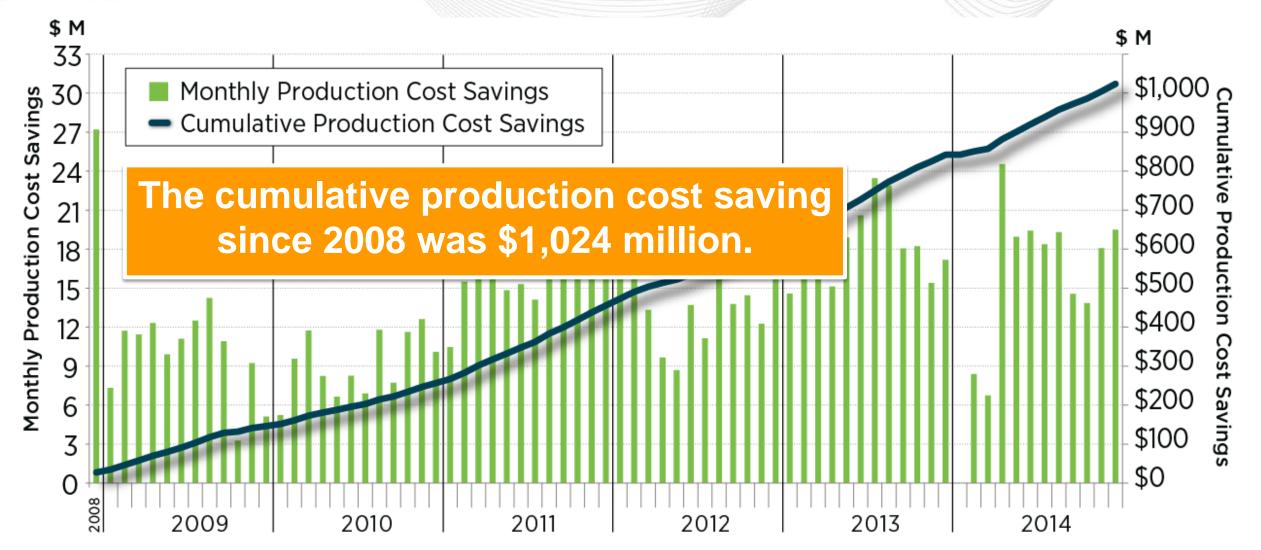








Economic Efficiency Improvement



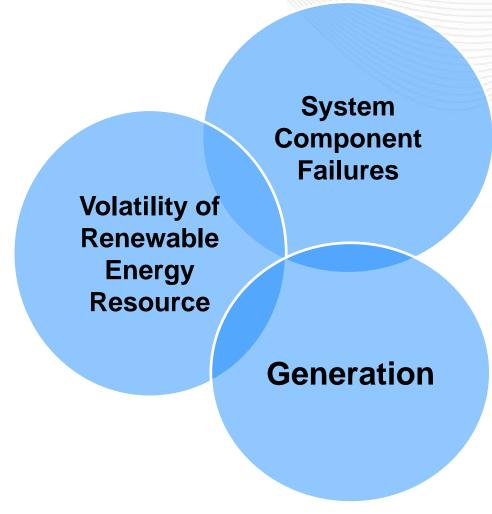


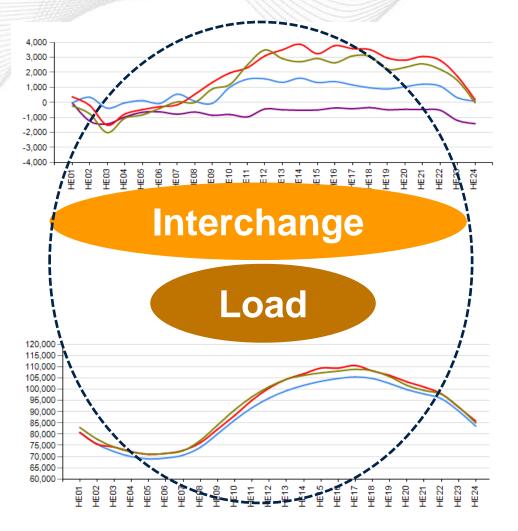
Uncertainty remains Challenging!





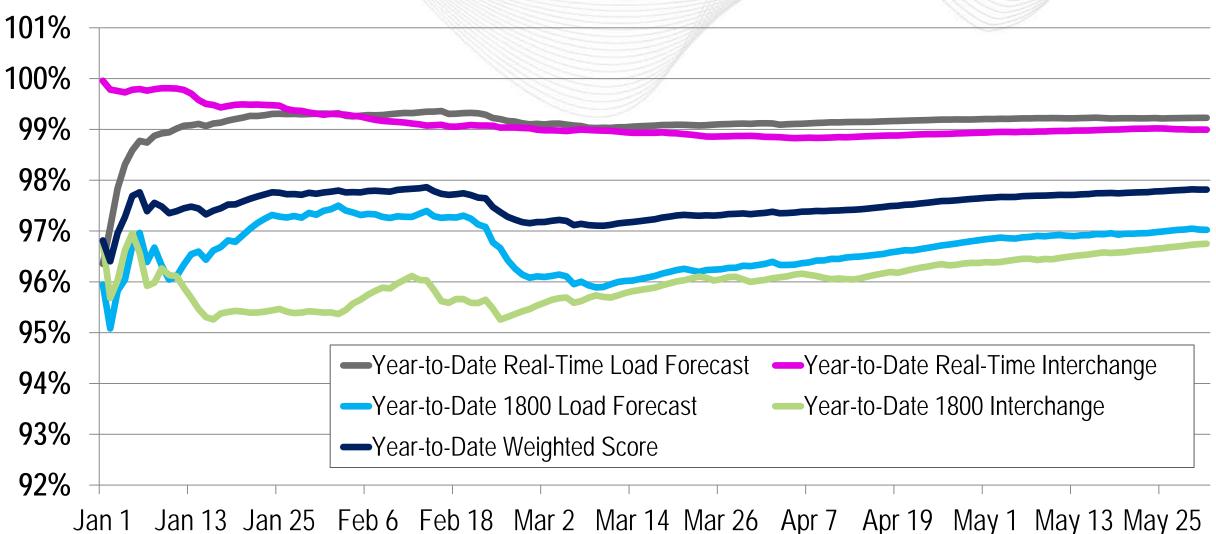
Uncertainties





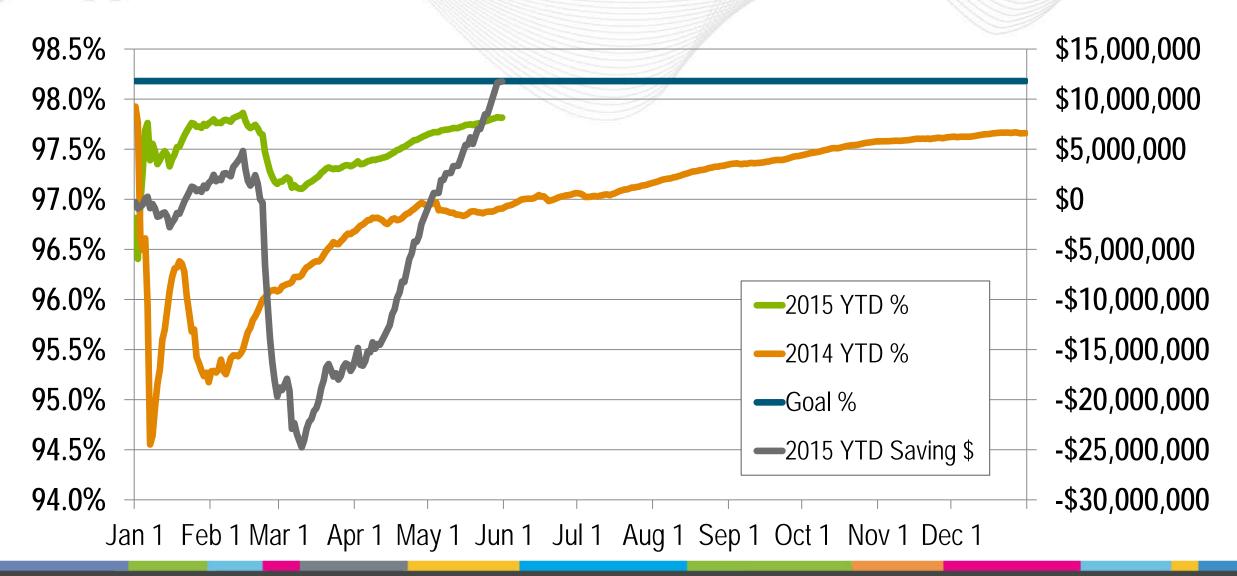


Forecast Accuracy Performance: Component View





Improve Economic Efficiency Through Forecast Improvement





Forecasting Improvement





Interchange Forecast

Multiple Methods

Weather Conditions

Dispatch Override

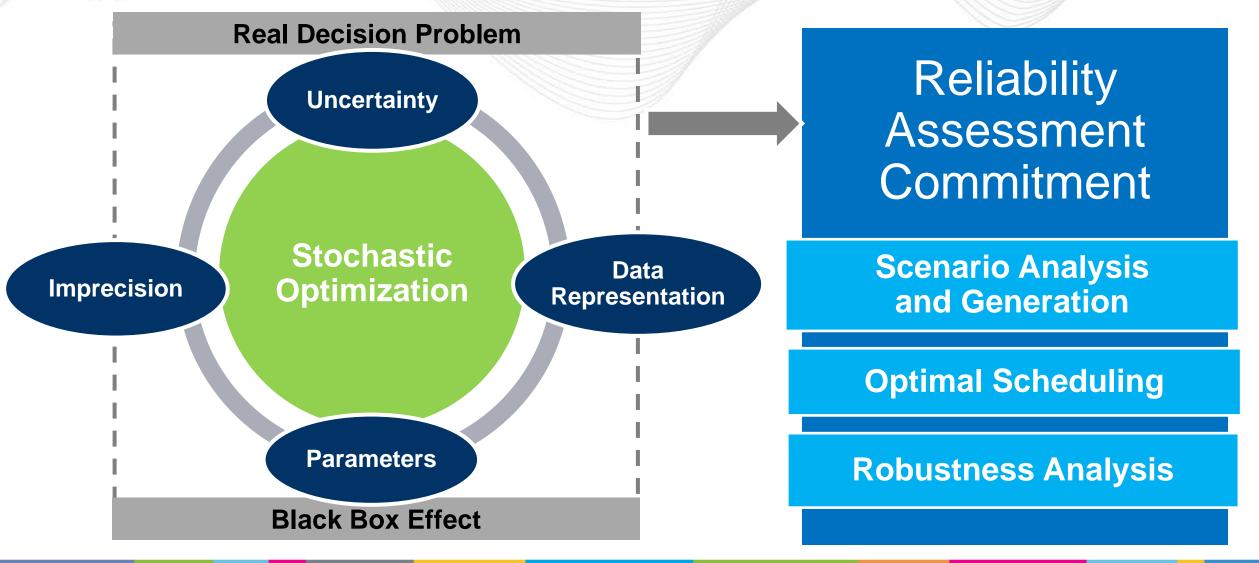
Add DA Interchange Forecast

Bayesian Model Averaging (BMA) & Neural Network

Incorporate pricing factors



Hedging Risk: Integrate "Robustness" into RAC Decision



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Summary

