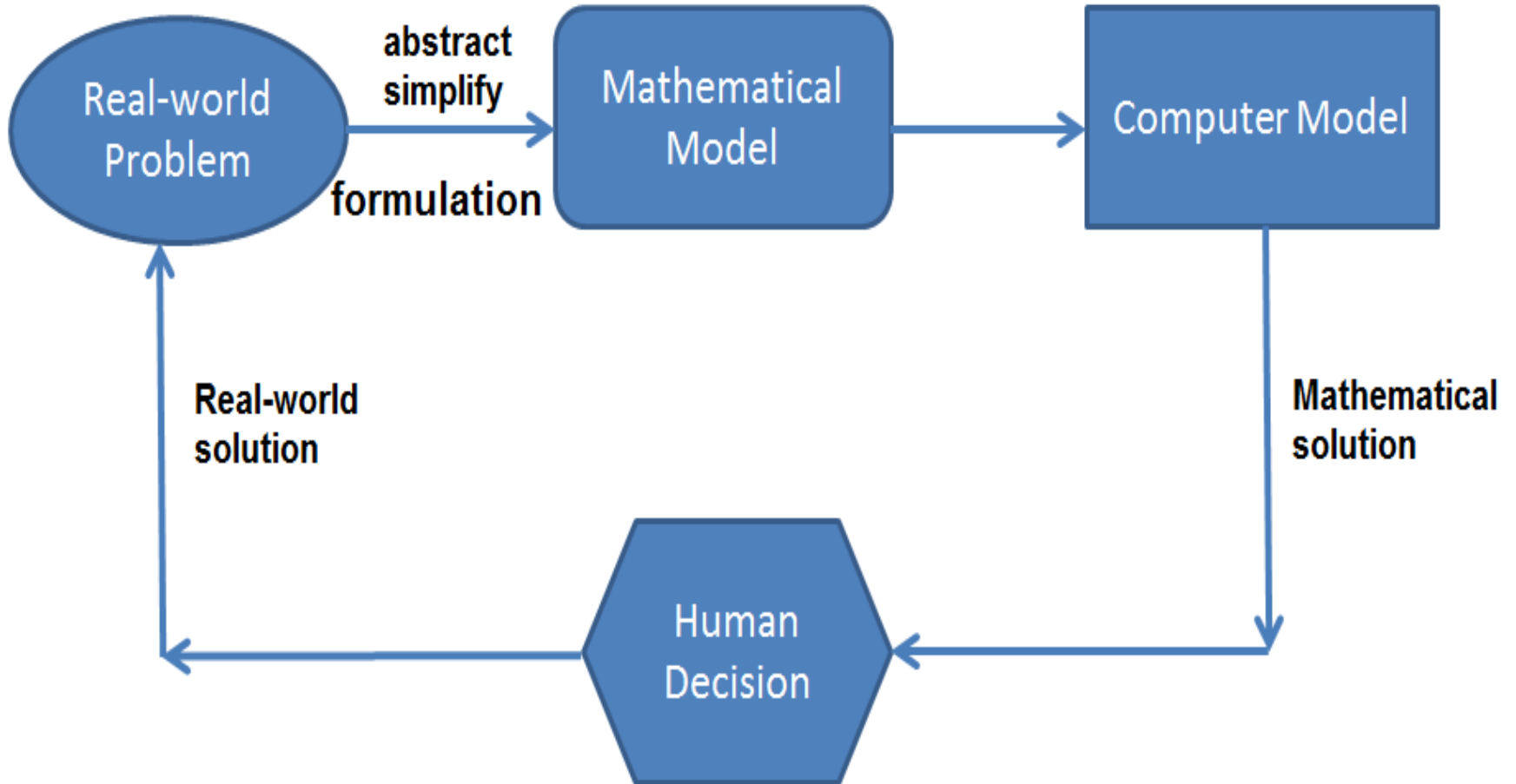
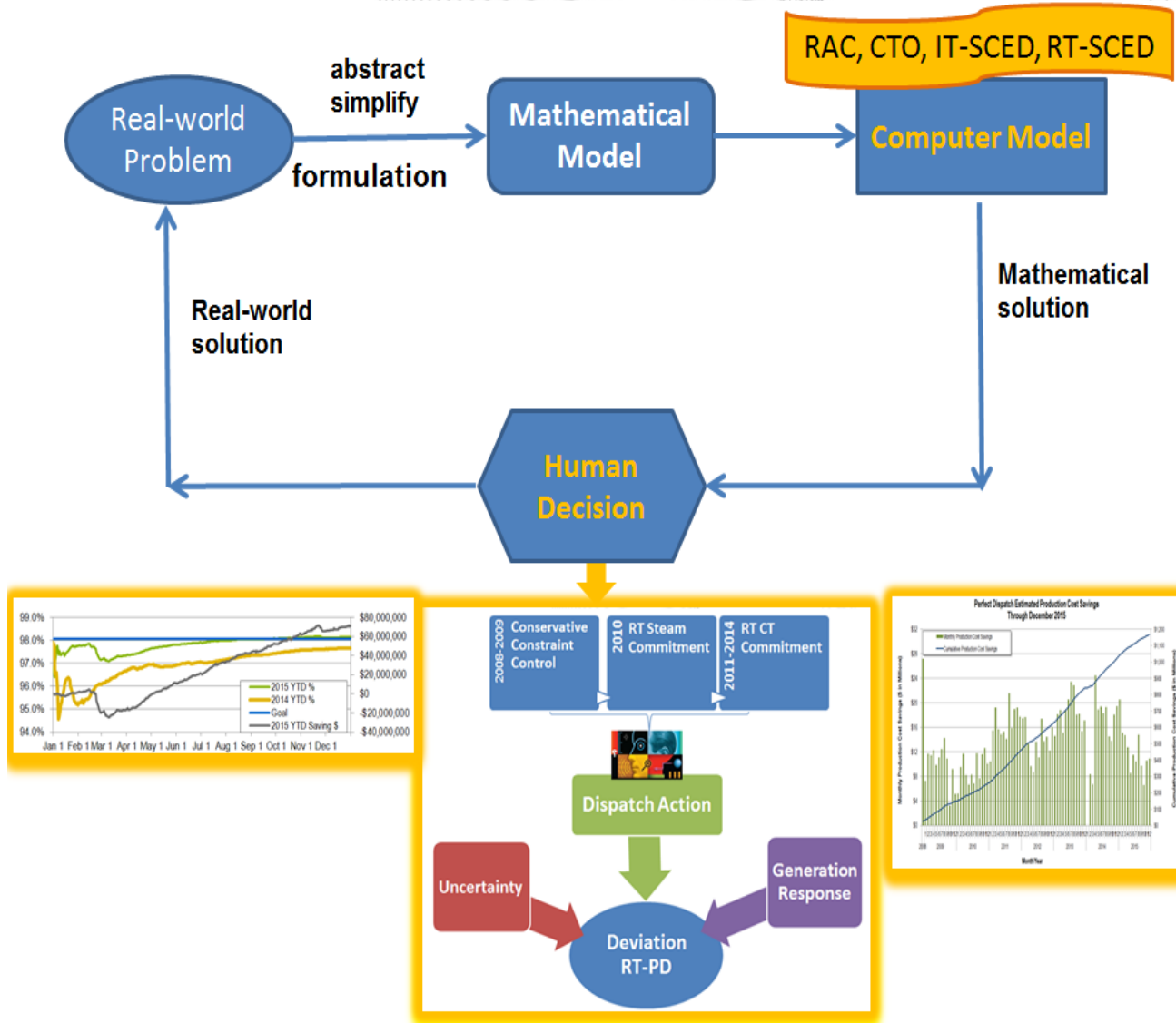
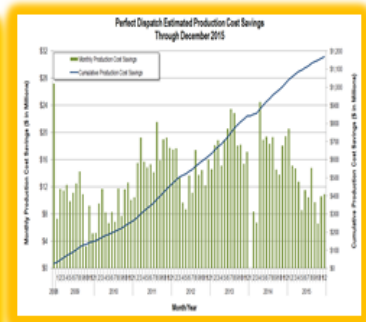
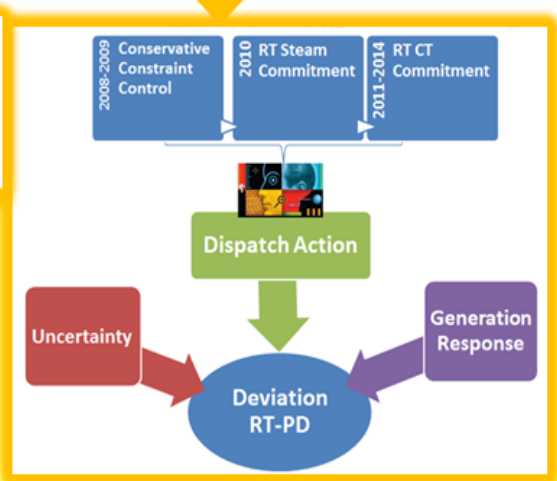
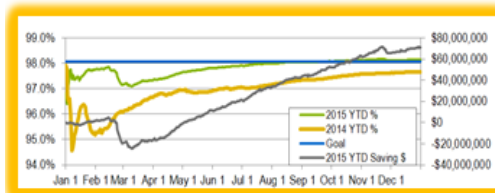
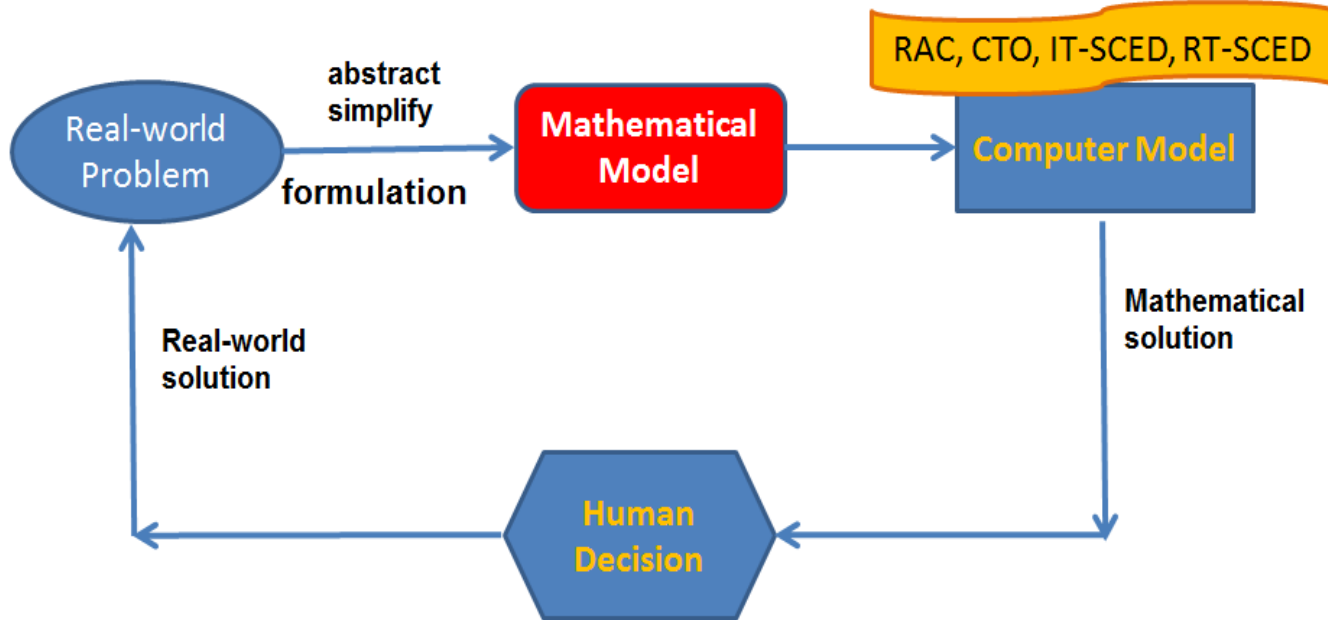


Improving Market Efficiency Through Modeling Improvement

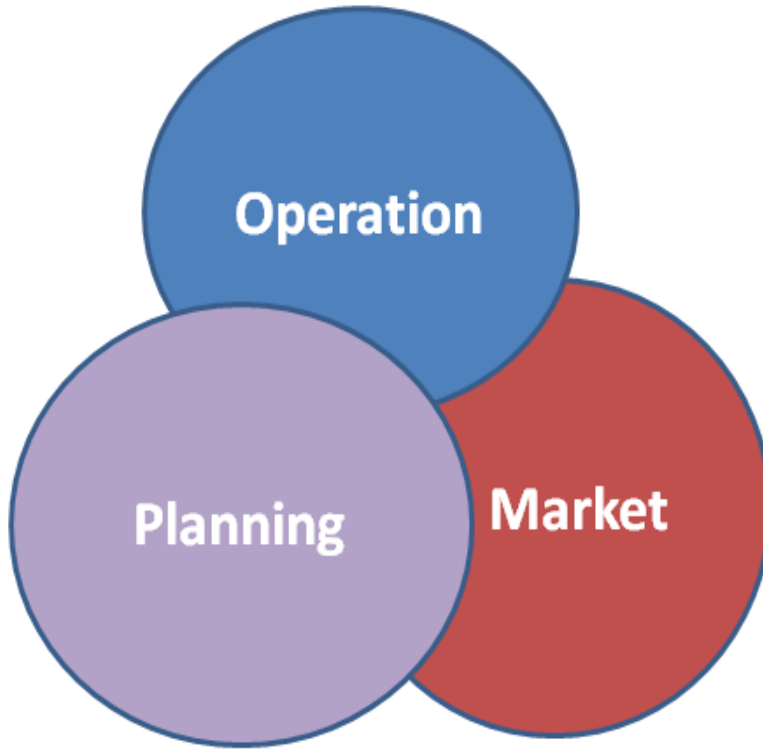
Hong Chen
PJM Interconnection
June 27, 2016







- Resources:**
 - Ramp rate generator
 - Pump storage
 - Battery
- Network:**
 - Topology
 - Parameters
 - Transmission limits
 - PAR modeling
 - External system



- Accuracy**
- Consistency**
- Simplicity**



- Balancing Congestion
- FTR
- Revenue Adequacy
- Uplift

