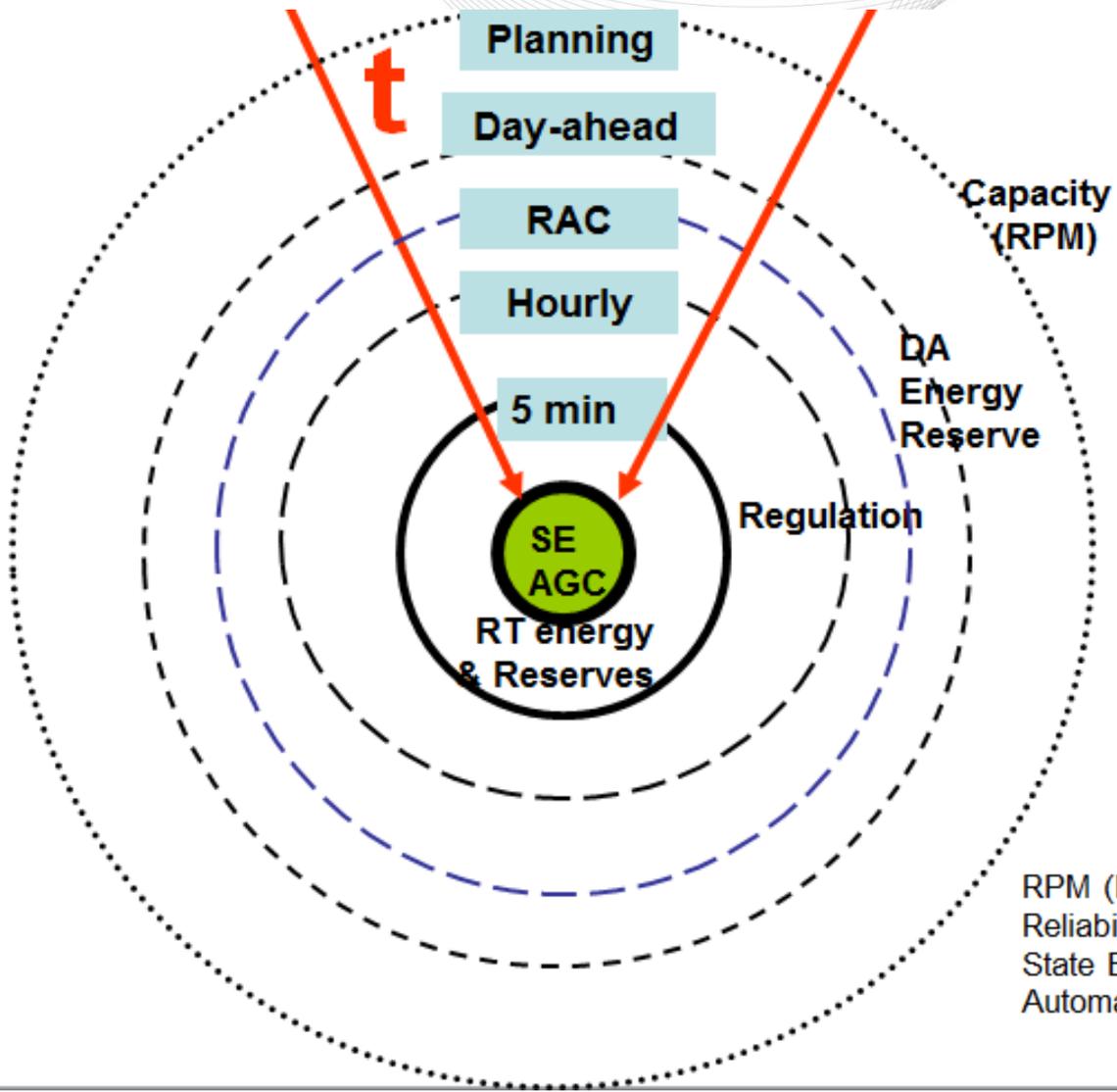


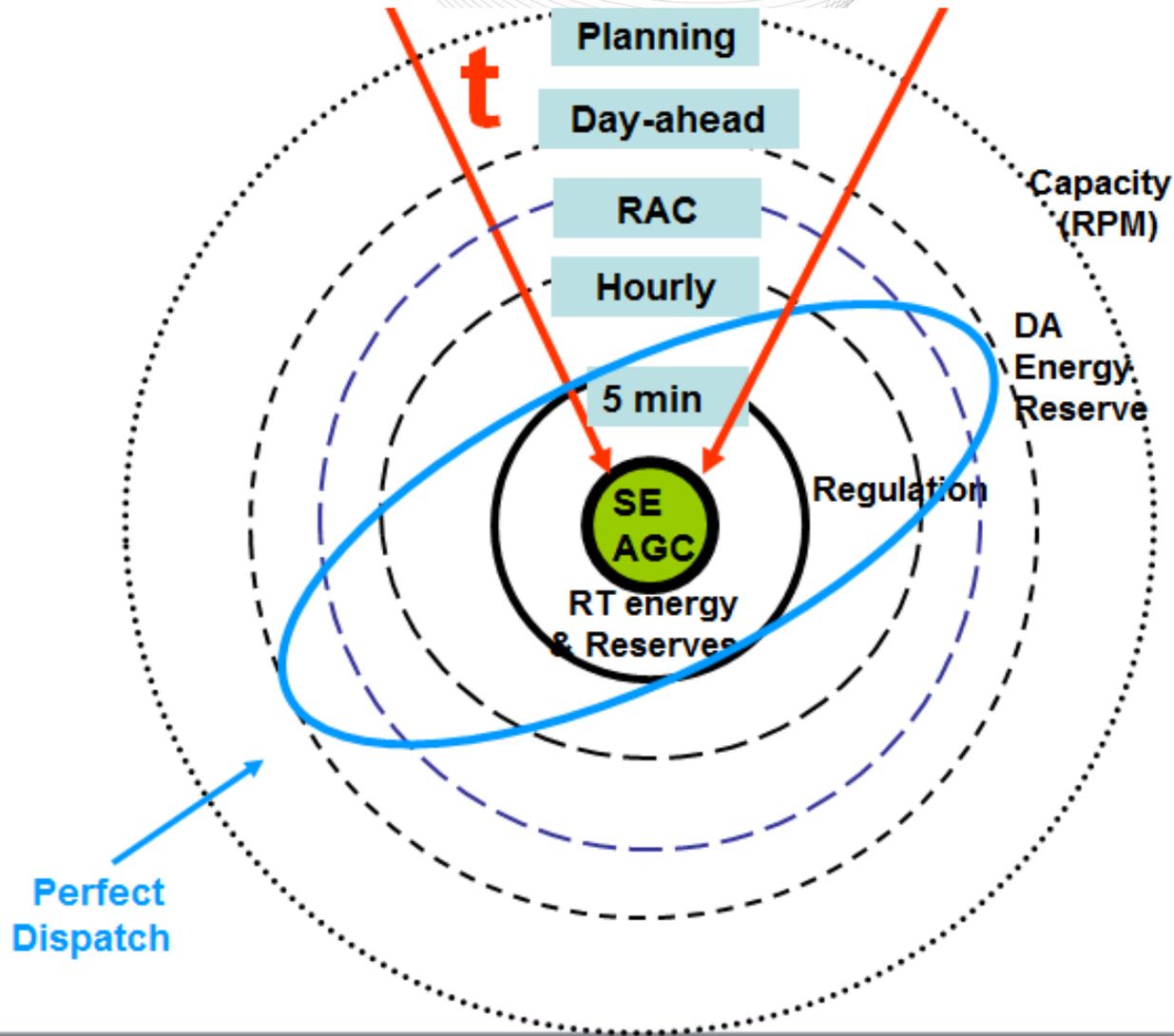
# Experiences of Operation Efficiency Evaluation and Improvement at PJM

Hong Chen, Joe Ciabattoni, Mike Bryson  
PJM Interconnection

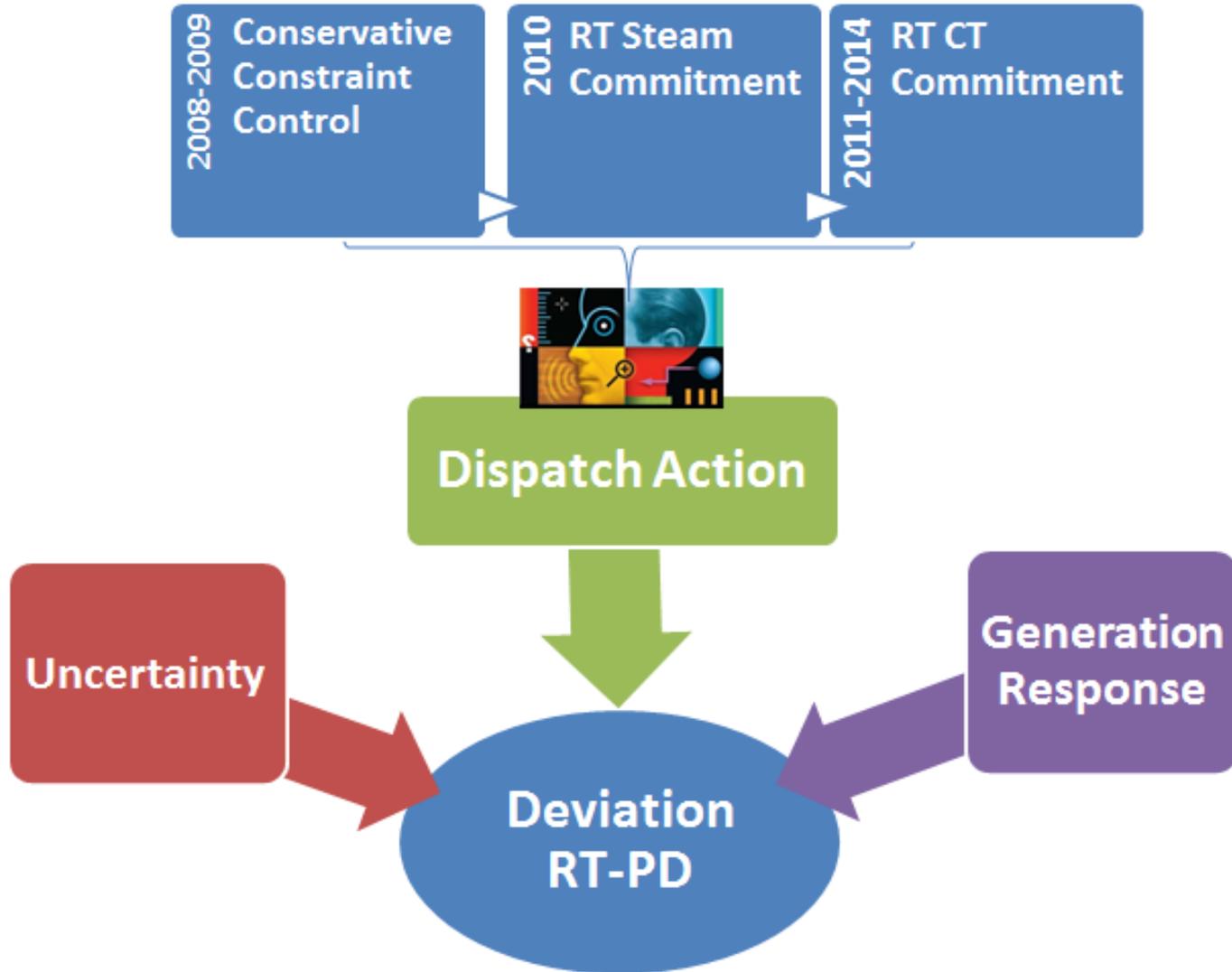
Boris Gisin, Qun Gu  
PowerGEM  
June 23, 2014



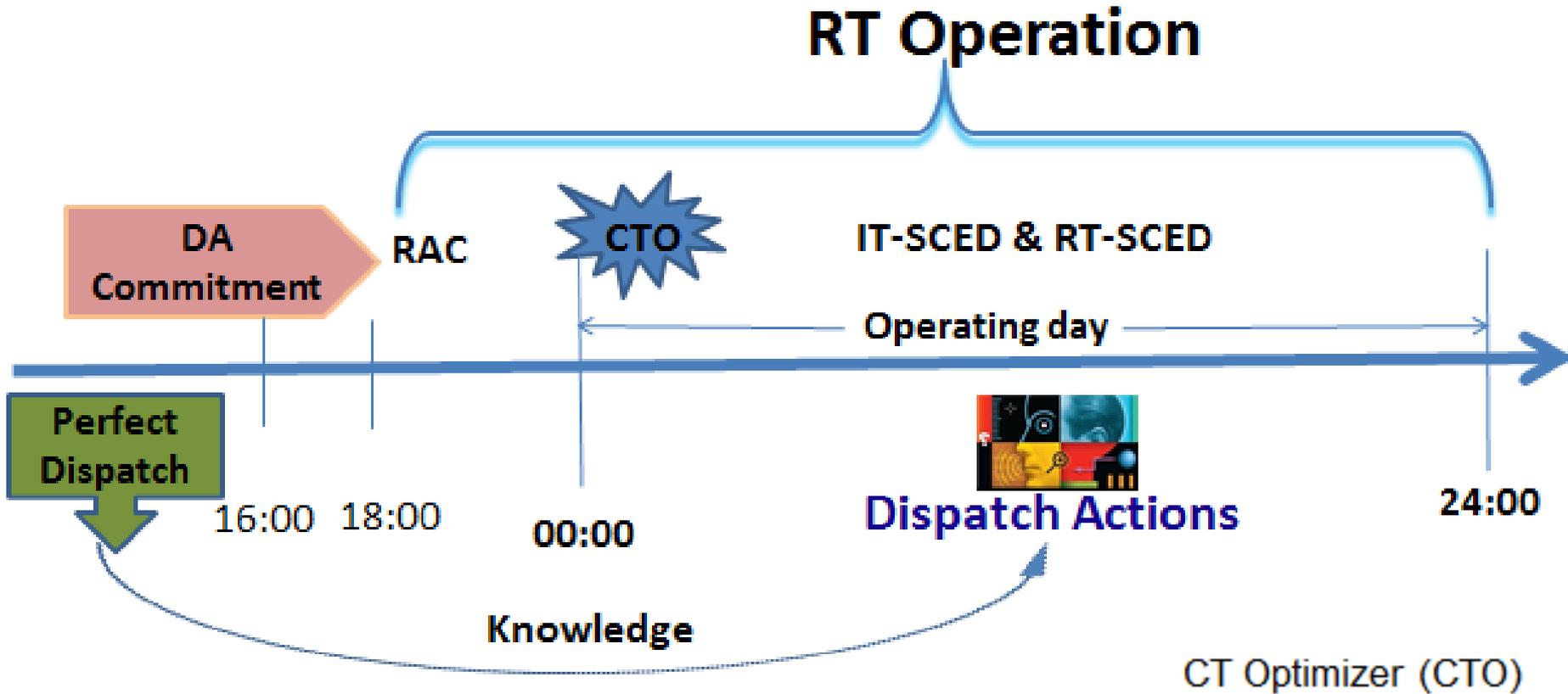
RPM (Reliability Pricing Model)  
Reliability Assessment Commitment (RAC)  
State Estimation (SE)  
Automatic Generation Control (AGC)



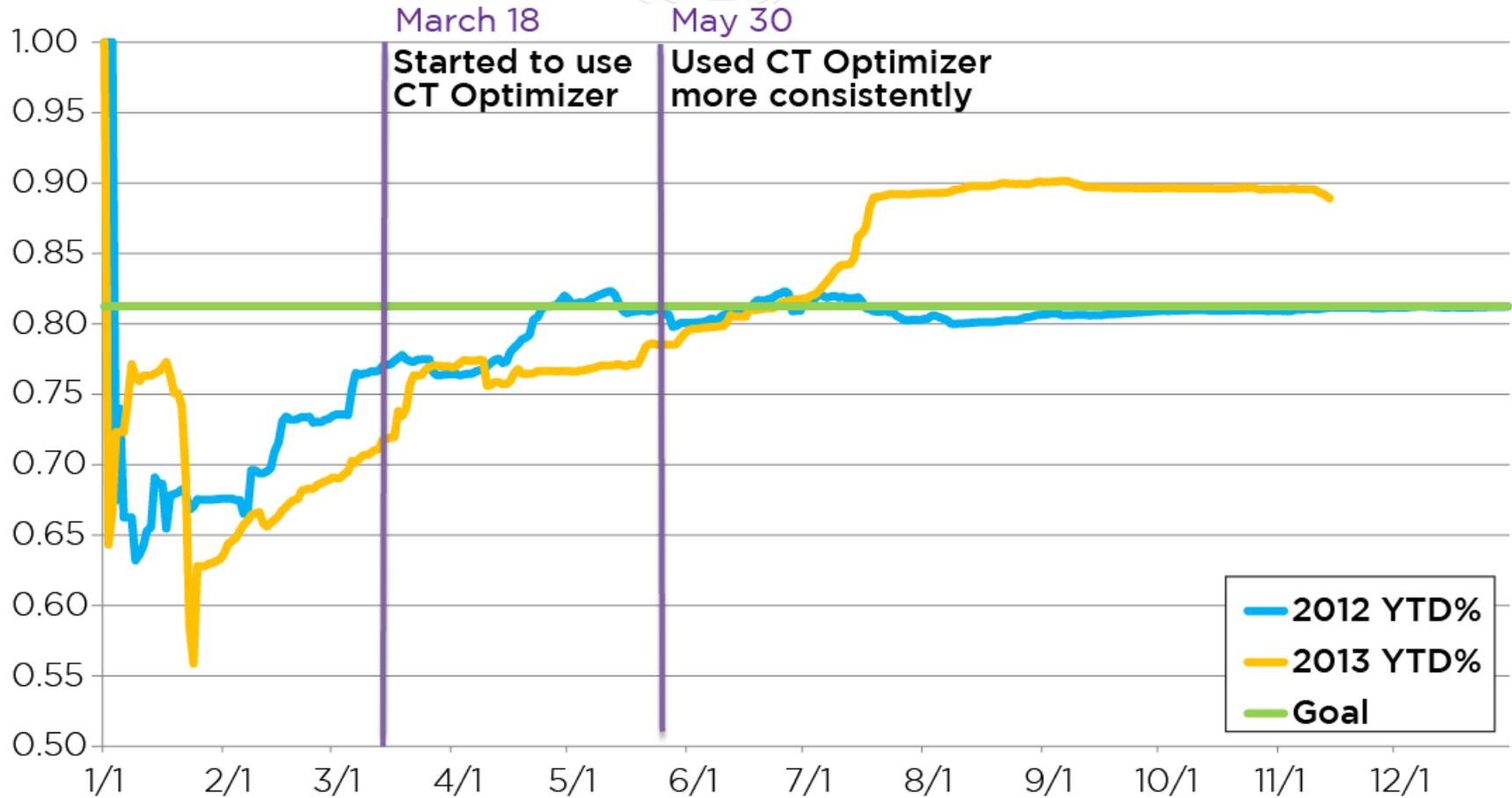




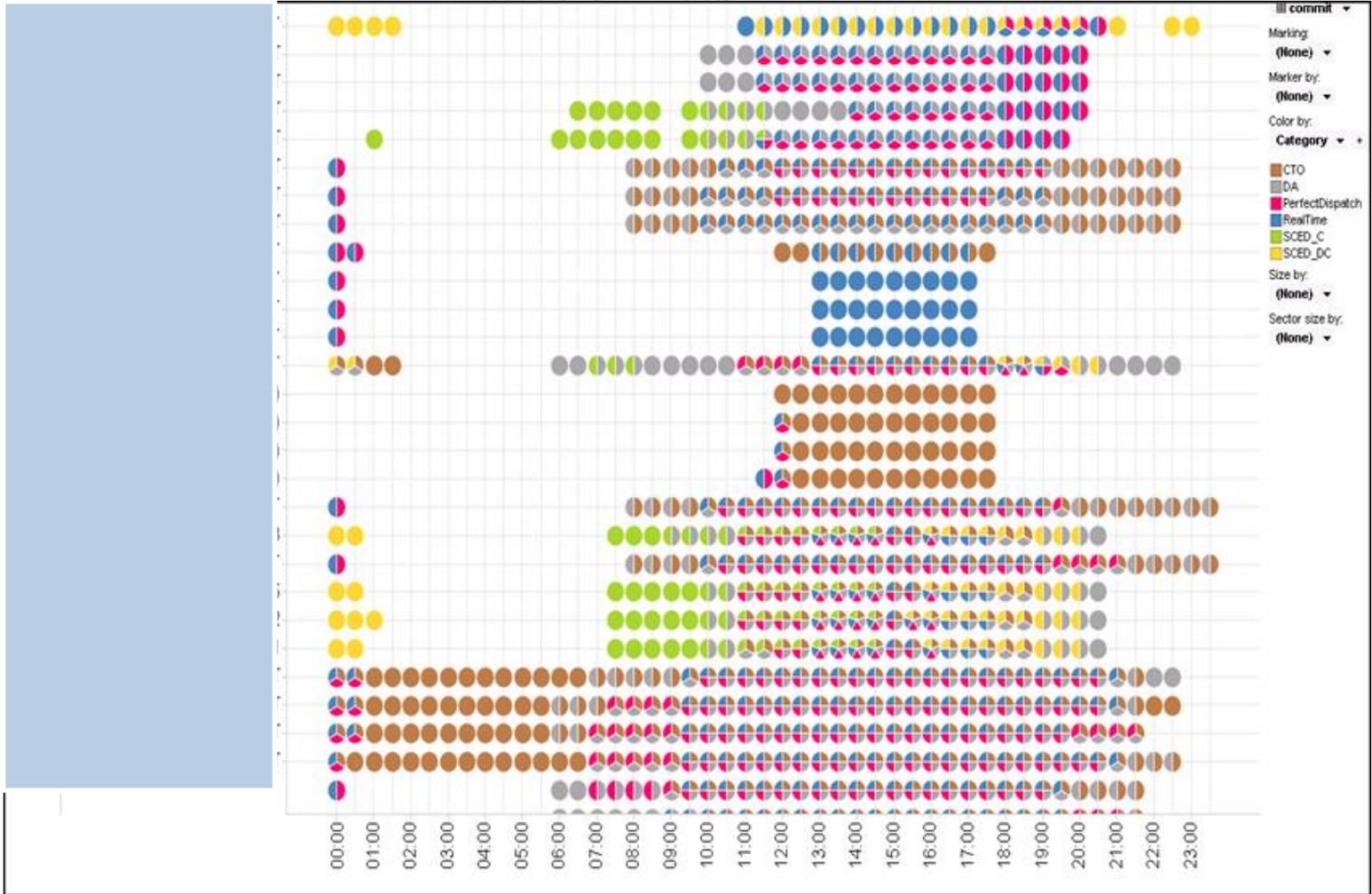
- “Staged unit commitment with multiple scenarios”



## \$221 million saving for 2013



# CT Commitment Comparison Chart





\$842 million accumulative saving since 2008 !



