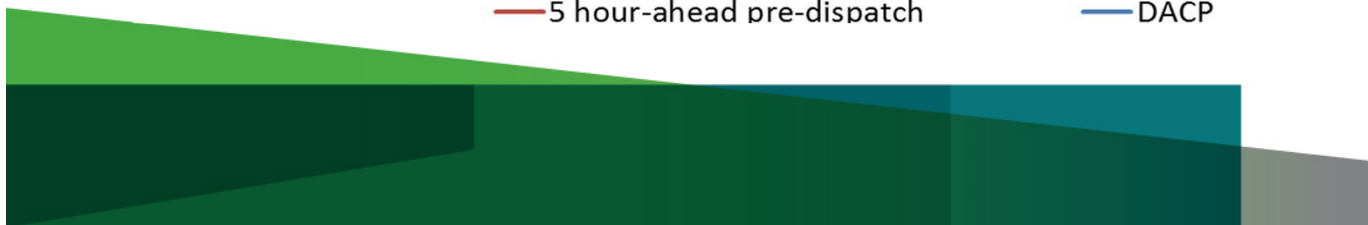
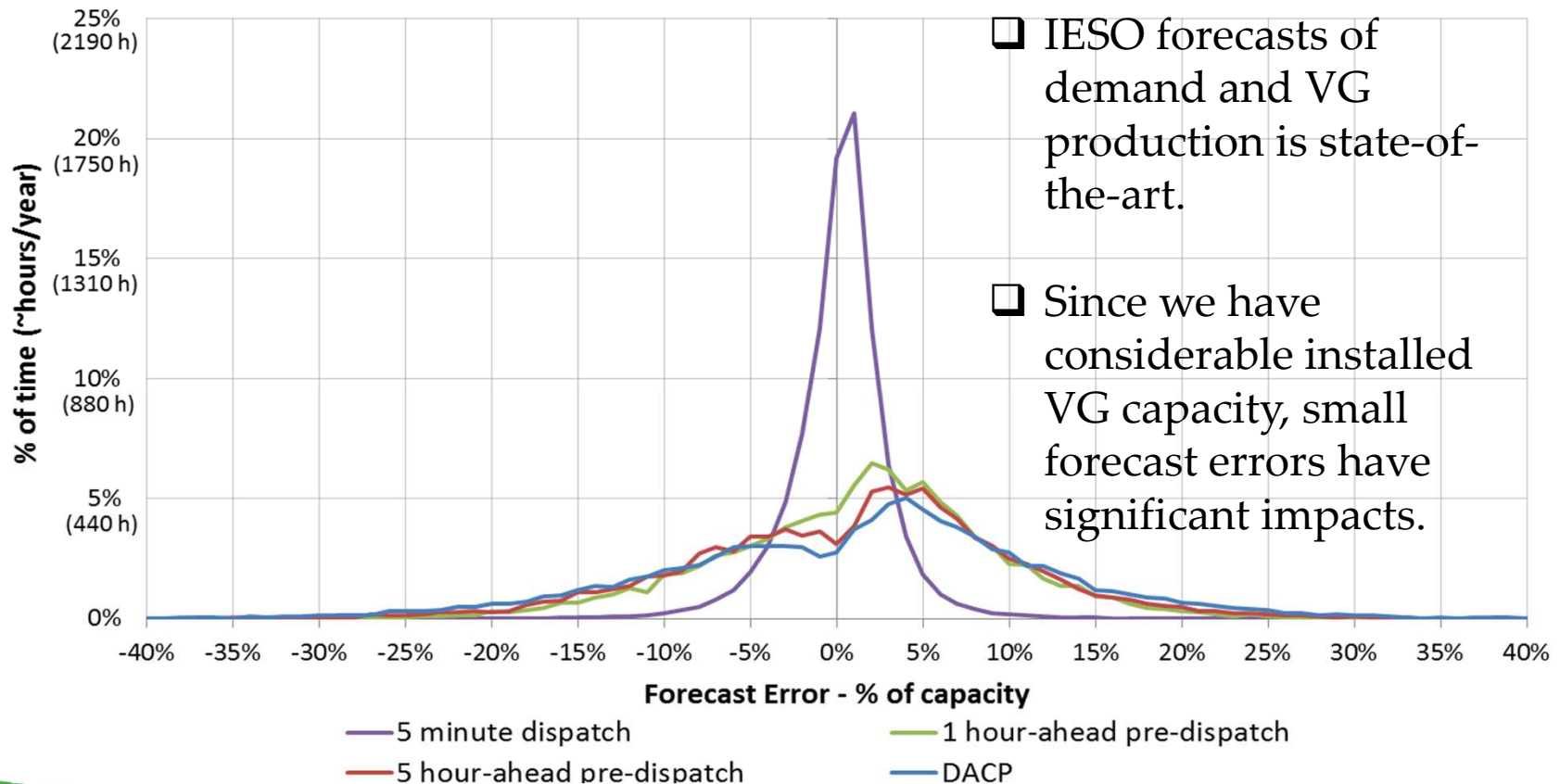


Building Flexibility into the Electricity System

Leonard Kula P.Eng. – Vice-President, Market & System Operations and Chief Operating Officer

June 12, 2017

Need for flexible resources that can respond to IESO dispatch signals within ~30 minutes to address short term supply-demand imbalances



Enabling System Flexibility

Stakeholder Engagement

- Objective: determine potential market-based solutions that can enable and achieve flexibility to meet the evolving needs of the system
- To meet flexibility needs in the short-term, we need to:
 - Incent greater flexibility from existing assets and participants
 - Signal the need for and dispatch flexibility
- Flexibility will also be addressed as part of Market Renewal:
 - More frequent intertie scheduling (15 minutes)
 - Assessment of the need for a flexibility product/mechanism
 - Ensure alignment with renewed design for energy and capacity products
 - Bring in lessons-learned from other jurisdictions