Use of AI in Creating Market Offers

Alan Smith | Senior Director of Energy Management | NextEra Analytics

NextEra Analytics - Turn Energy Data into Action™

NextEra Analytics analyzes ˜23 billion data points daily, with ˜30 GW renewables in operations and ˜$160 billion in total assets

Our NextEra 360™ comprehensive energy management software is utilized to reduce energy costs and carbon emissions, optimize asset performance, manage risks and improve return on investments

Our data-first approach leverages a 360° view of energy generation and consumption data

Market operations determine market offers

CAISO

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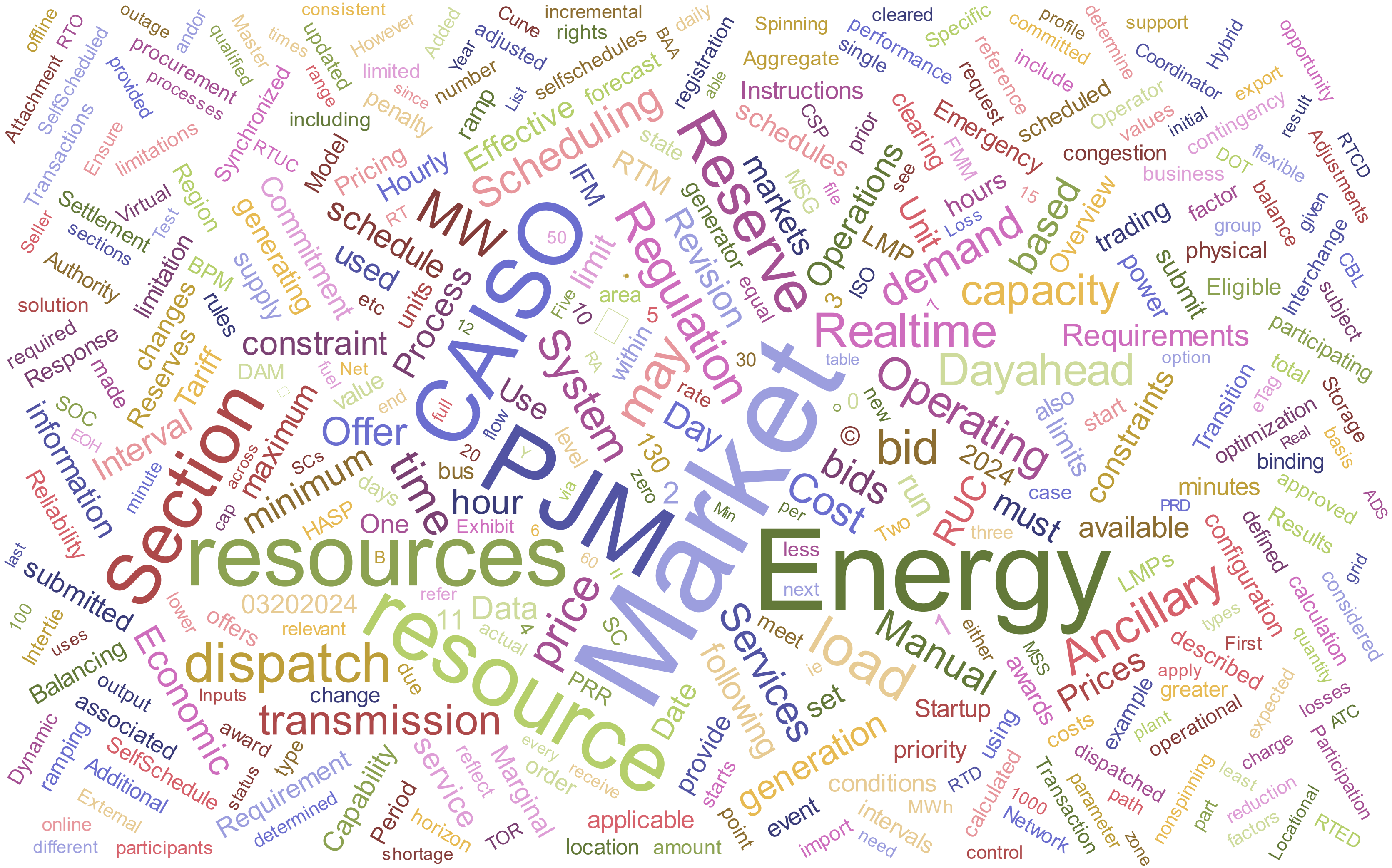
CAISO and PJM



Market operations determine market offers

CAISO, PJM and ERCOT

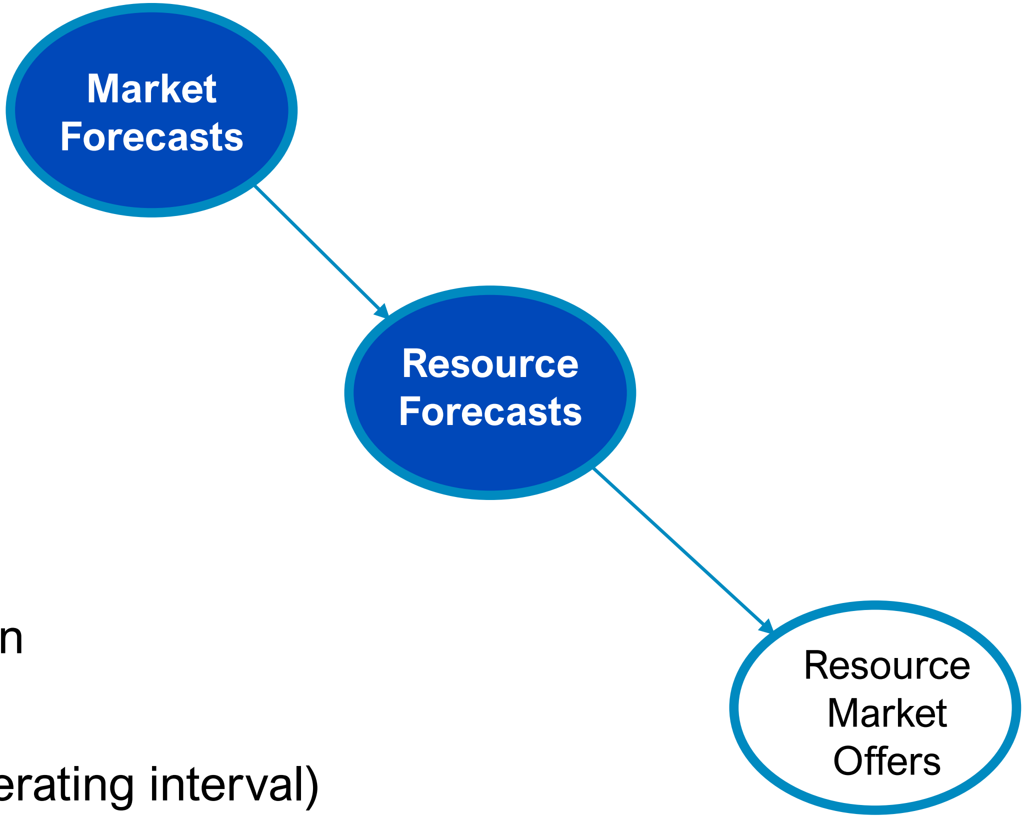
AI is utilized to provide forecasts for key assumptions

Market forecasts…

- Weather
- Market demand, reserves and peak
- Solar and wind generation
- Market imports
- Generation and transmission outages

Resource forecasts…

- Day-ahead and real-time market participation
- Availability and for energy storage, state of charge estimation
- Dispatch deployment assumptions
- Offer time horizon consideration (bid close deadline and operating interval)



AI supports algorithmic market offer strategies

Strategies meet offer requirements as well as revenue and risk objectives

Resource market offer constraints….

- Resource configuration
  - Shared point of interconnection (co-location)
  - Energy storage charging source

Resource market offer updates…

- Continuous data support offer updates
  - Optimum selection of market products
  - Energy storage state of charge evaluation

Optimized, automated offers support efficient resource and market operation

- AI is utilized to provide forecasts for key assumptions
- AI supports algorithmic market offer strategies
- AI will provide new insights and strategies as markets change

Thank you

Alan Smith | Senior Director of Energy Management | NextEra Analytics