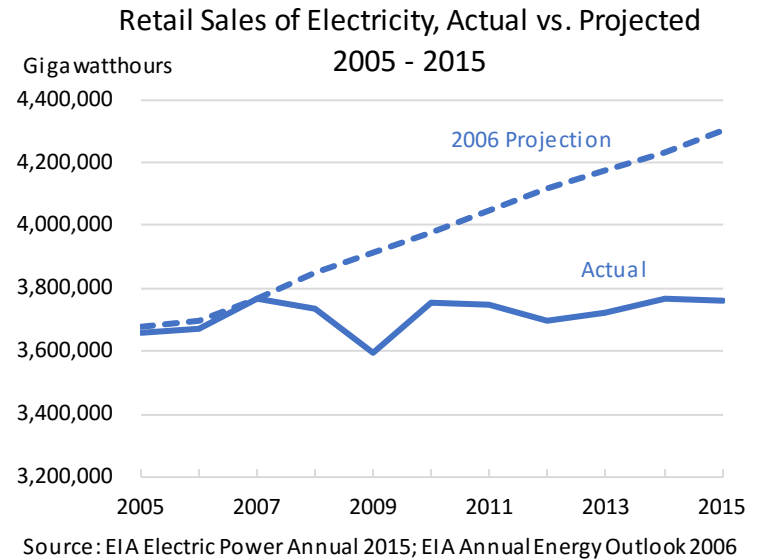
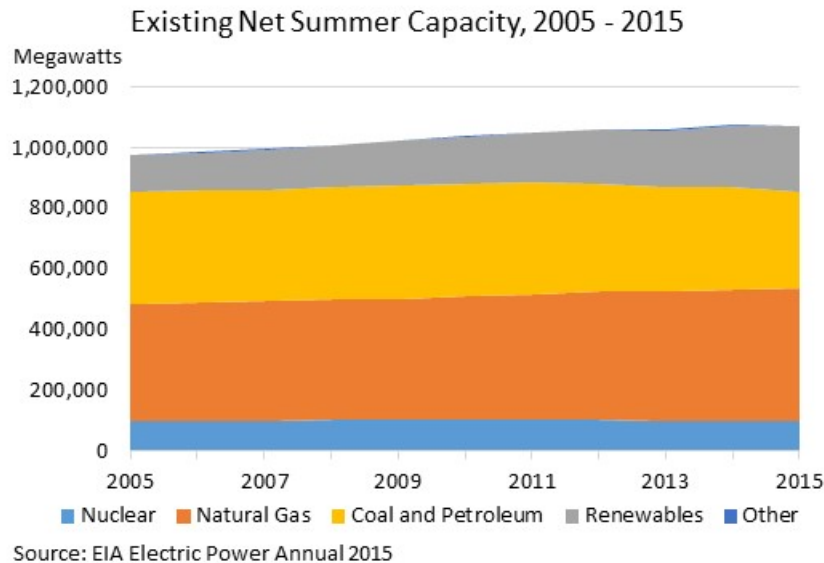
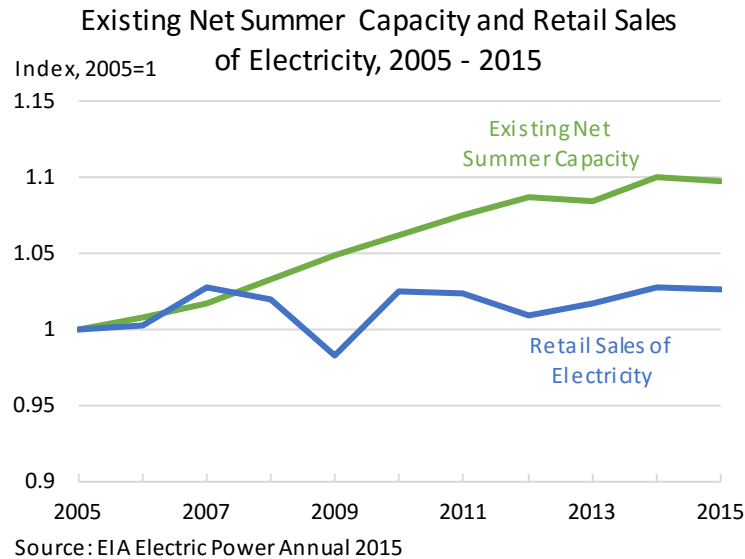




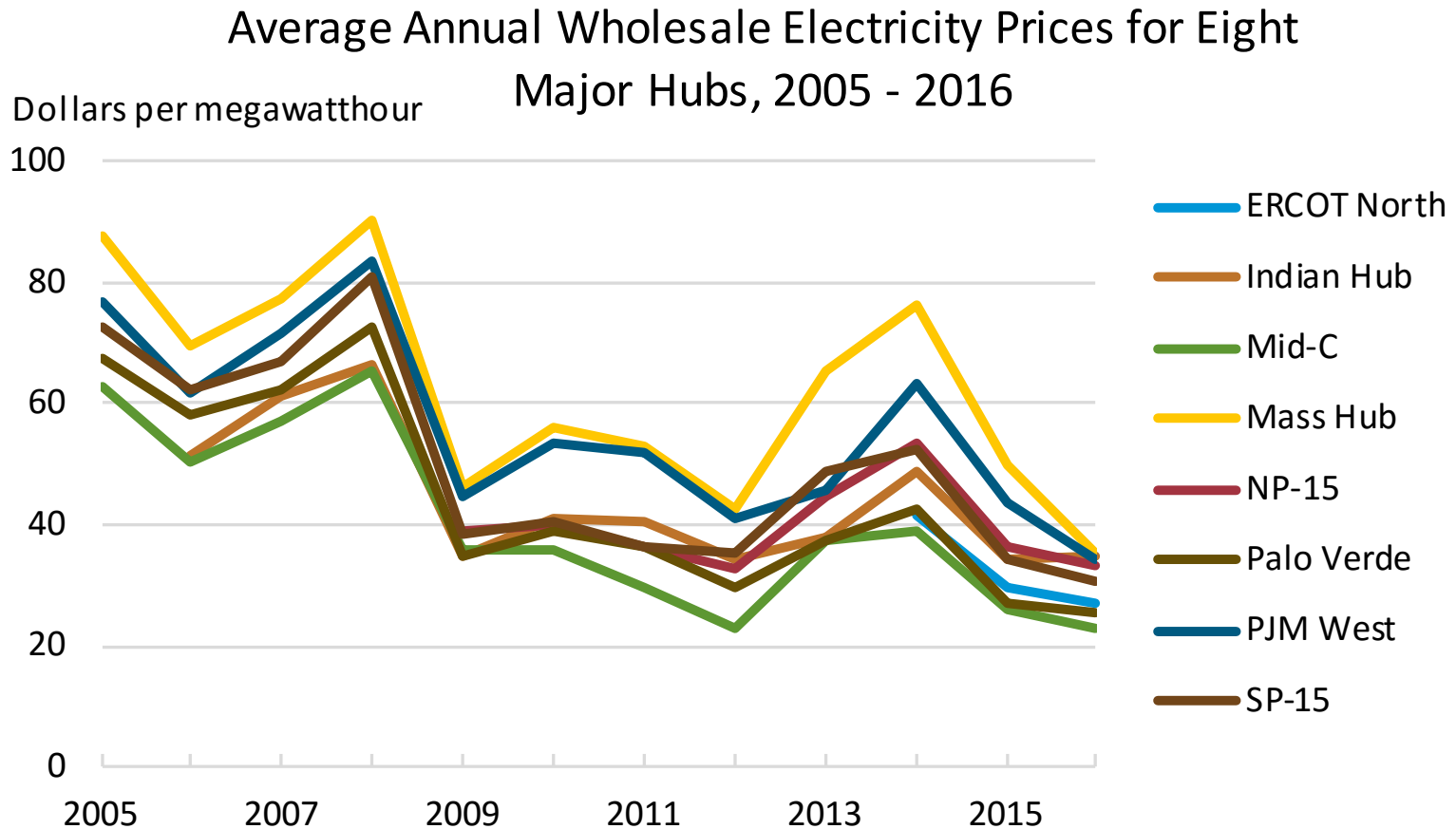
Power Markets and State Policy

Richard Newell
President, Resources for the Future

Electricity generation capacity growth despite flat demand



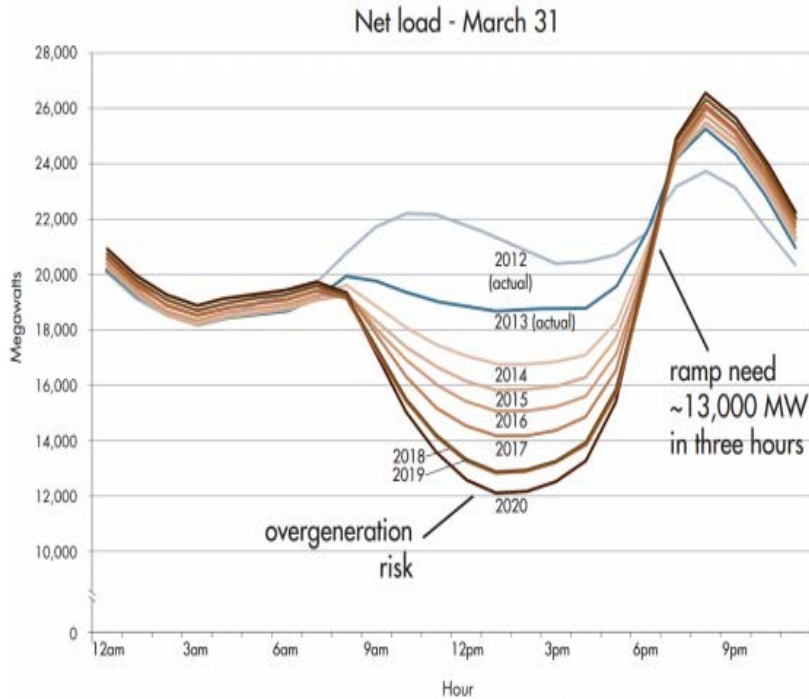
Falling wholesale power prices that challenge incumbent baseload sources



Source: EIA, based on data collected by the Intercontinental Exchange (ICE)

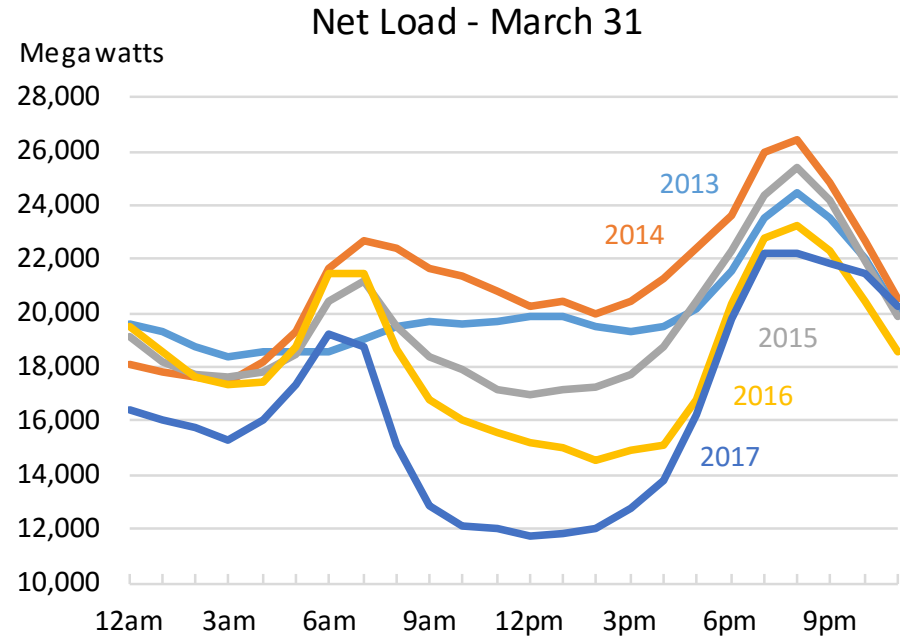
Integrate electricity load with increasing share of generation coming from intermittent renewable resources

CAISO - Projection



Source: CAISO 2013

CAISO - Actual



Source: CAISO

Who, how, and how much to pay for services



Markets Data and Information



Data, information, materials, and links related to individual ISO markets, market products, and ancillary services

Day-Ahead and Real-Time Energy Markets

Forward Capacity Market

Financial Transmission Rights

Forward Reserve Market and Real-Time Reserve Pricing

Net Commitment-Period Compensation

Regulation Market

Voltage Support

Blackstart Service

Demand Resources

Winter Program Payment Rate



Energy Market

Capacity Market (RPM)

Financial Transmission Rights

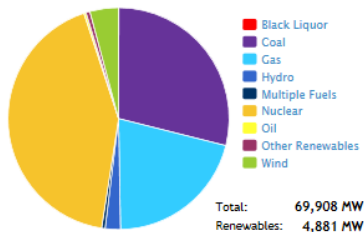
Rights

Ancillary Services

Demand Response

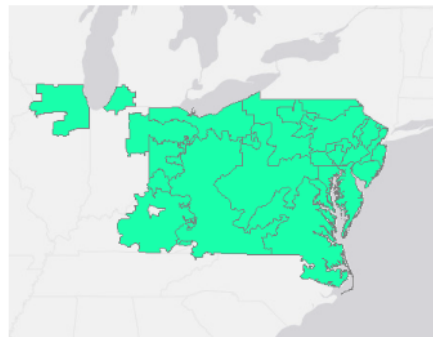
Generation Fuel Mix

As of 5.4.2017



Locational Marginal Pricing

As of 9:14 a.m. EPT

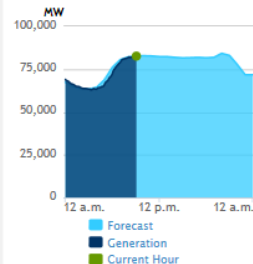


Interface prices can be found in the Interregional map.

[More information](#)

Real-Time Statistics

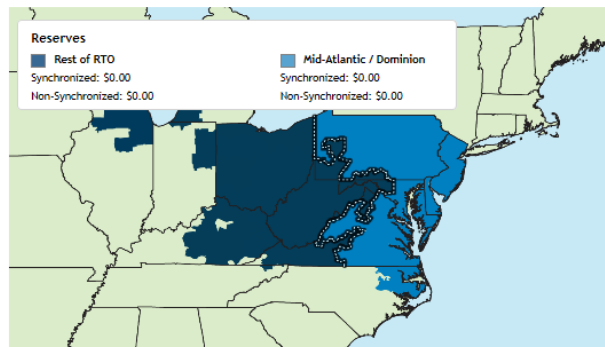
As of 9:13 a.m. EPT



Ancillary Services

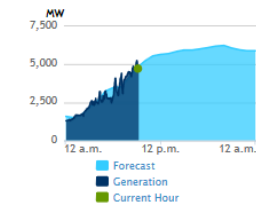
As of 9:14 a.m. EPT

Regulation Price: \$2.74



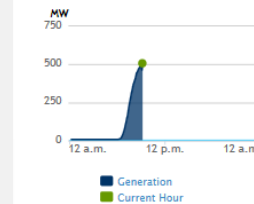
Wind Power

As of 9:13 a.m. EPT



Solar

As of 9:13 a.m. EPT



Today's Outlook

As of 9:14 a.m. EPT



Tomorrow's Forecast

83,715
peak (MW)