

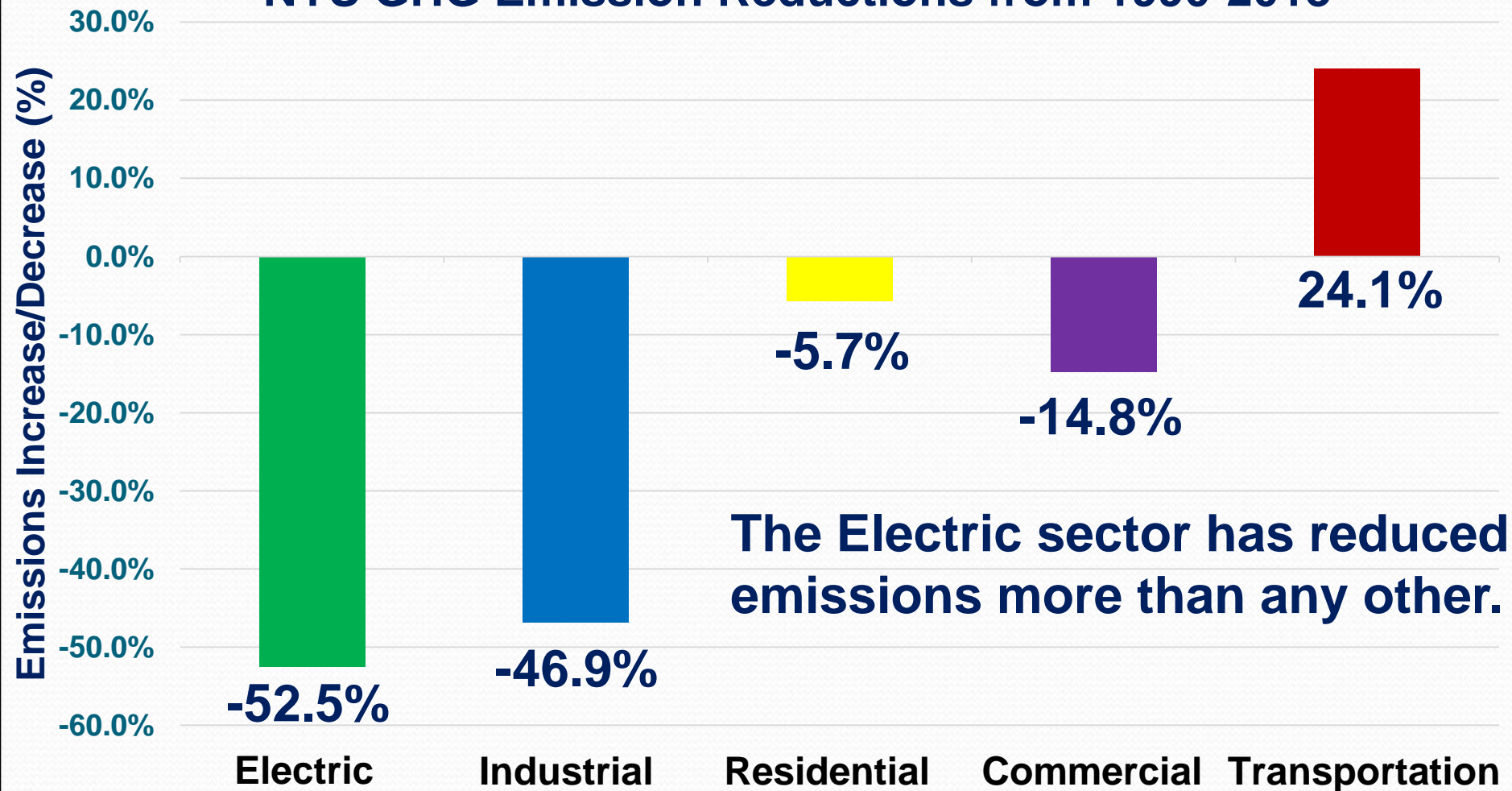
New York's Clean Energy Standard Panel Discussion

**IPPNY's 30th Annual Spring Conference
& Showcase
May 11, 2016**

**Gavin Donohue, IPPNY President & CEO
Panel Moderator**



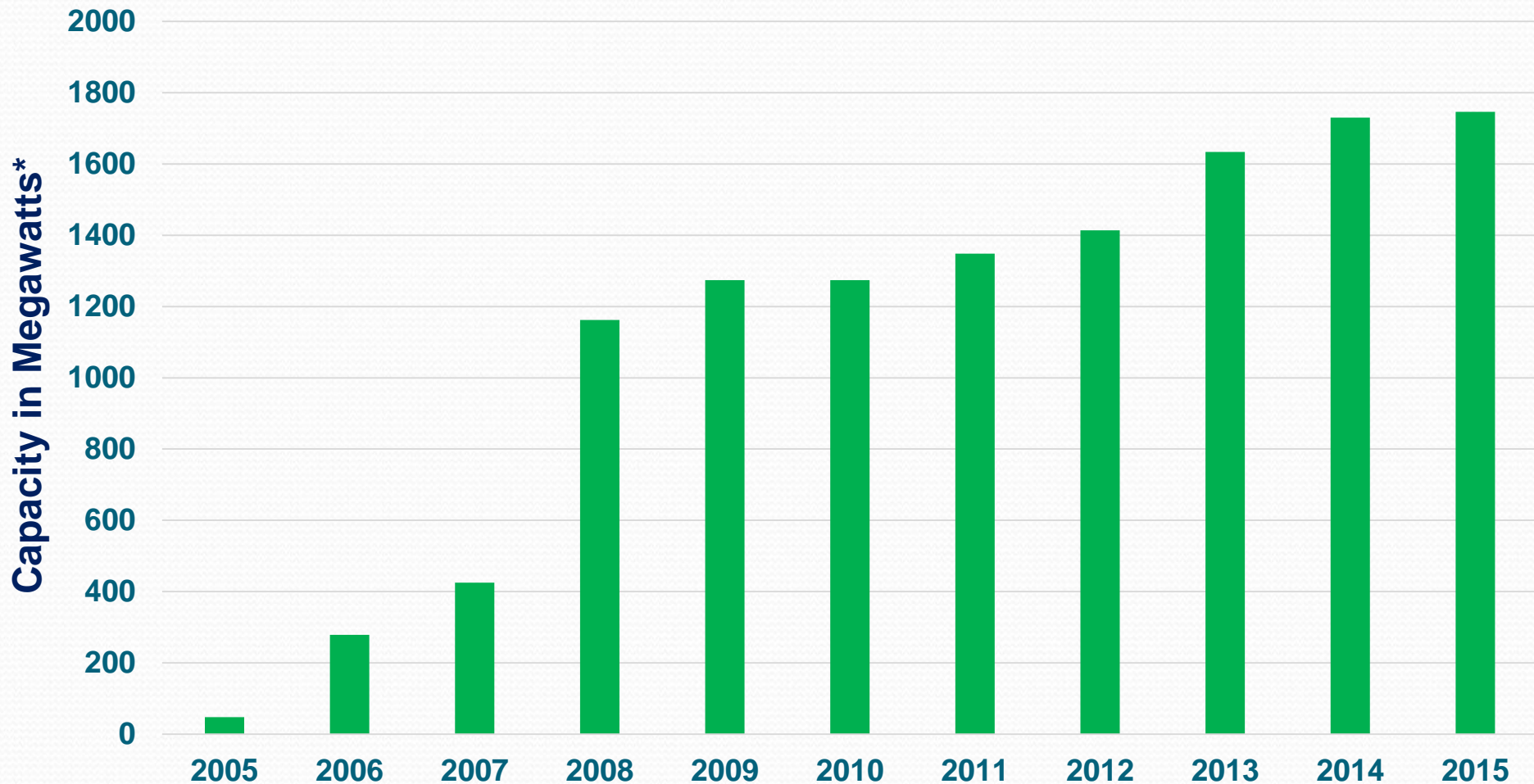
NYS GHG Emission Reductions from 1990-2013*



*Numbers based on New York State Energy Research & Development Authority: *Patterns & Trends, New York State Energy Profiles: 1999-2013*.



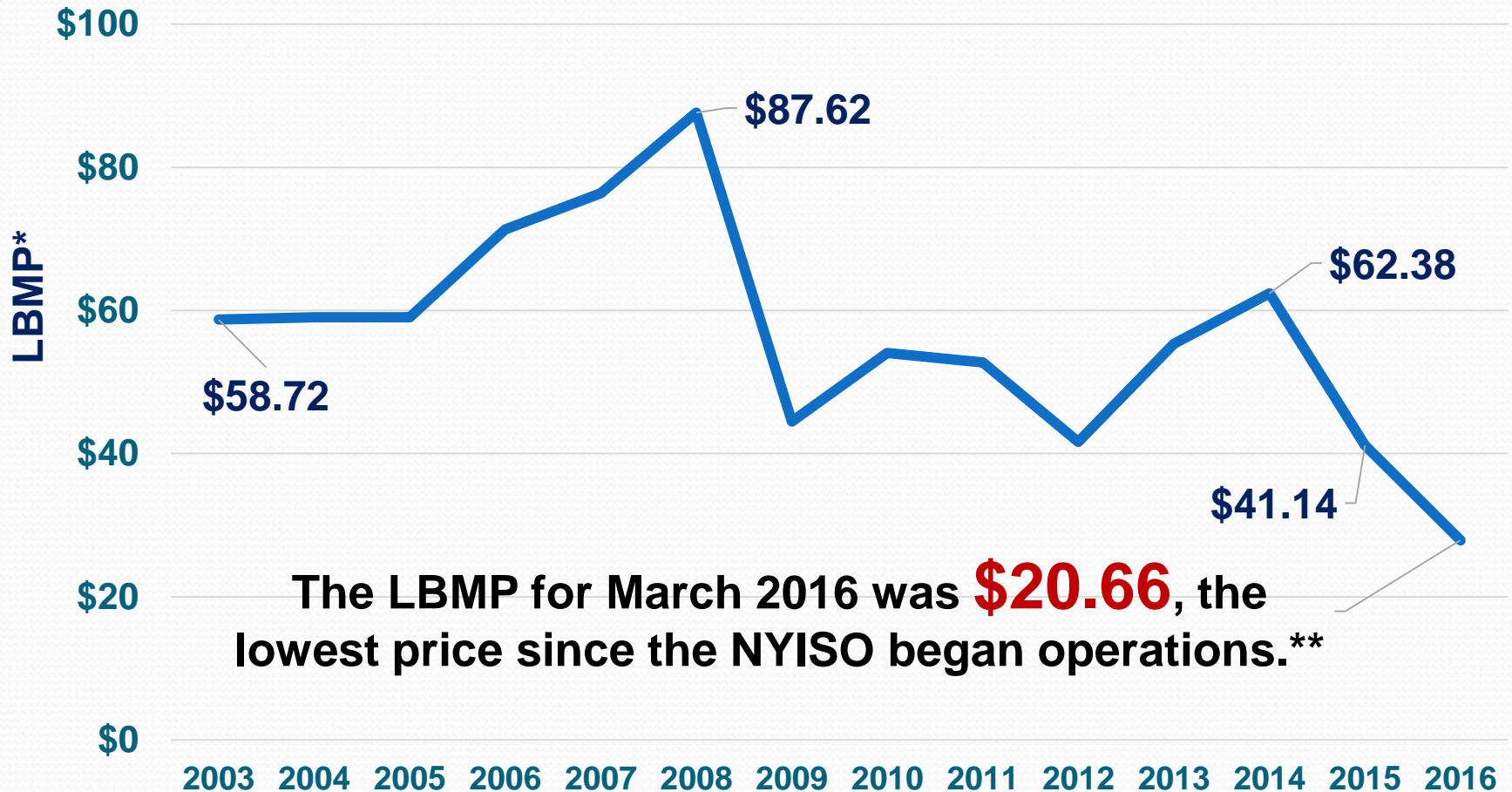
New York Wind Generation by Nameplate Capacity



*Numbers based on data from the New York Independent System Operator: *Power Trends 2015*.



Average Yearly Locational Based Marginal Price (LBMP)



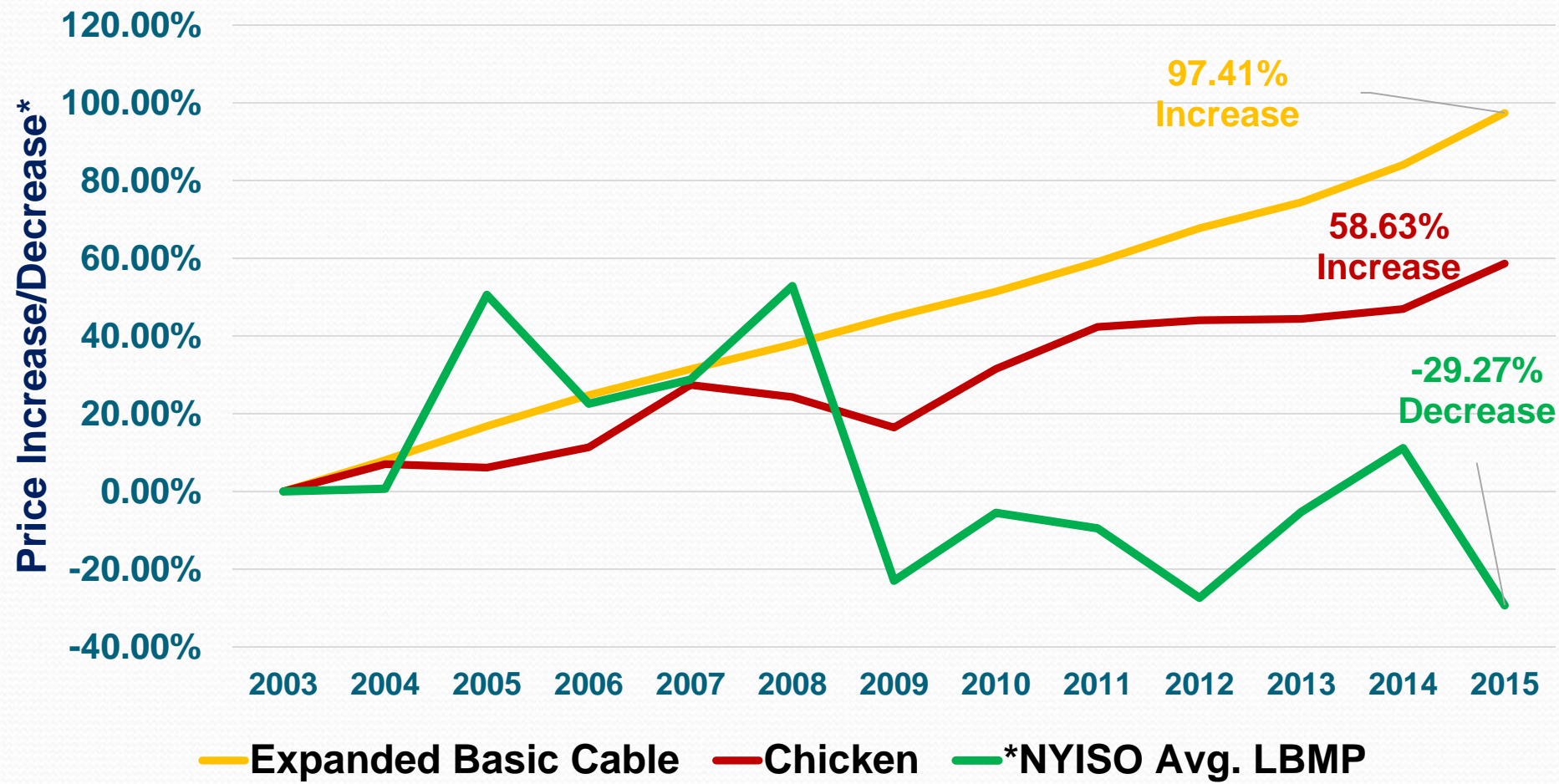
The LBMP for March 2016 was **\$20.66**, the lowest price since the NYISO began operations.**

*Numbers based on data from the New York Independent System Operator: *Operations Performance Metrics Monthly Reports 2003-2016*.

**The average LBMP for 2016 represents only the first three months of operations.



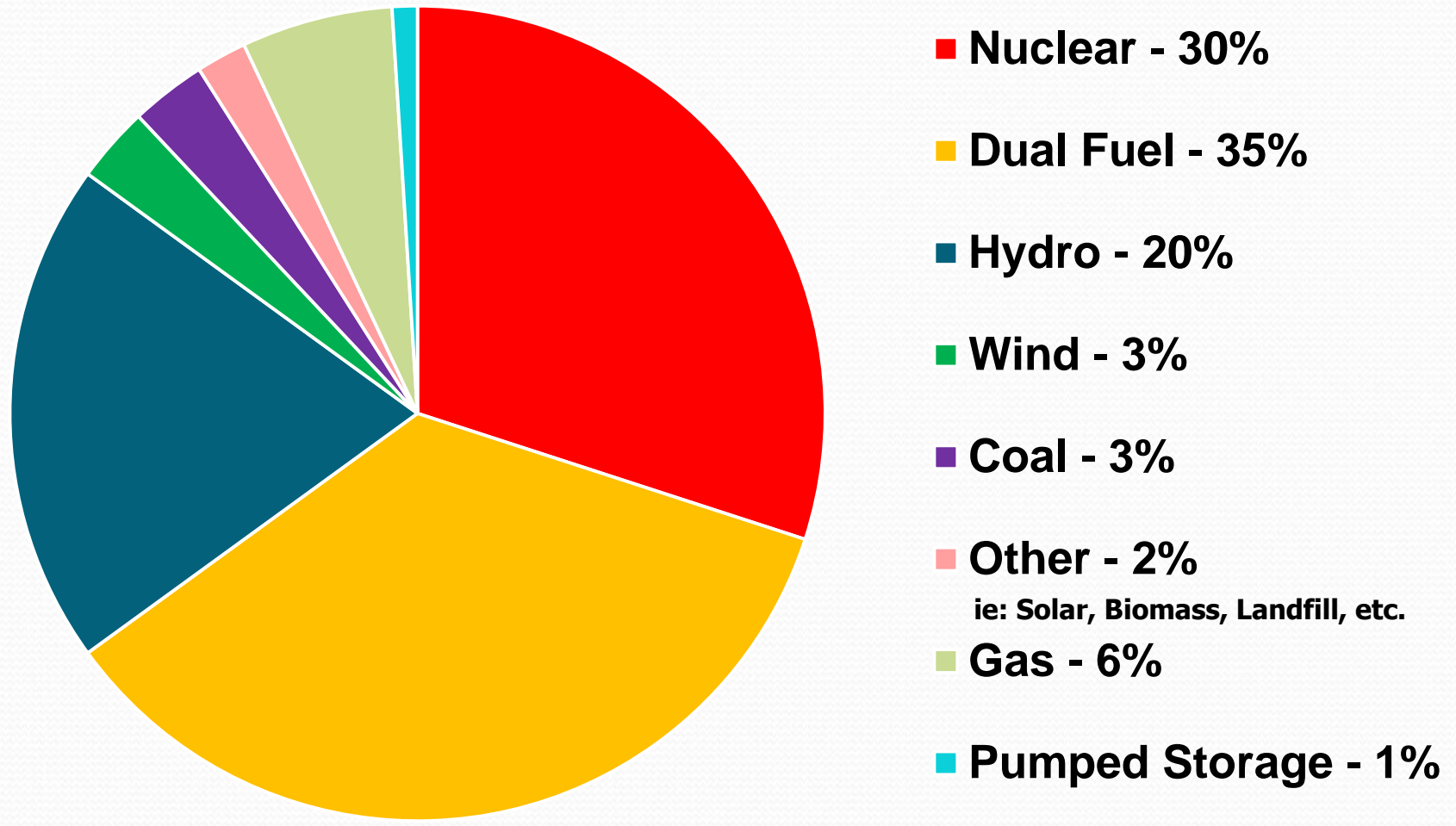
Percent Change in Wholesale Electricity Prices Compared to Other Commodities Since 2003



*Average Cost/MWh from LBMP Customer Point of View (Energy & Ancillary Services).



2014 NYCA Energy Generation by Fuel Type*



*Numbers based on data from the New York Independent System Operator: *Power Trends 2015*.



Panelists

- **Scott Weiner** – Deputy, Markets and Innovation, New York State Department of Public Service
- **Bob Perciasepe** – President, Center for Climate and Energy Solutions
- **Dr. Susan F. Tierney** – Senior Advisor, Analysis Group
- **Kevin M. Lang** – Partner, Couch White LLP
- **Charles Berckmann** – Assistant Vice President, Moody's Investors Service