RPS Technical Conference

Measurable Benefits and Other Important Considerations of the RPS Main Tier

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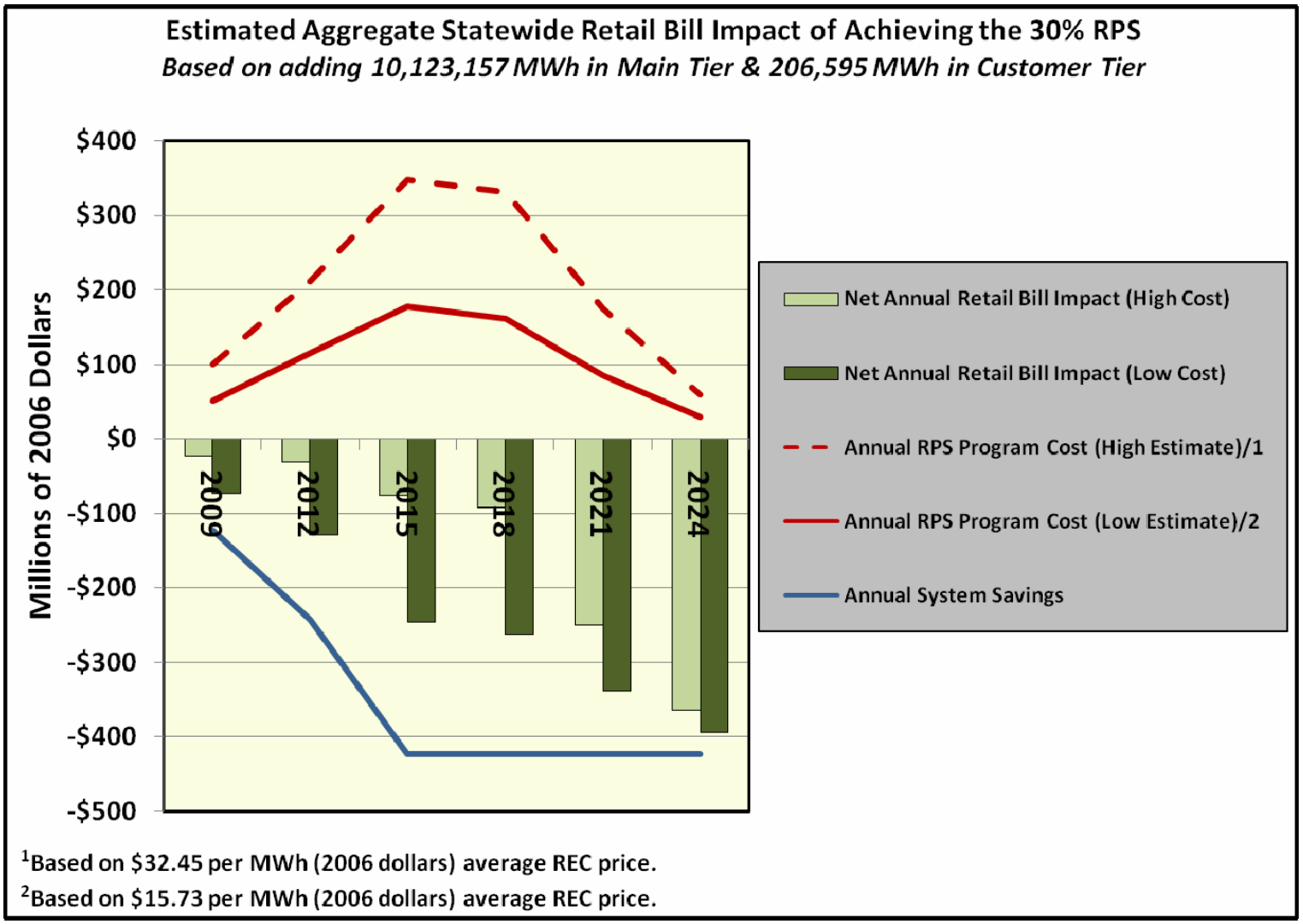
Quantifiable Benefits

- 30 Renewable Facilities*
  - » 1340 MW total new capacity
- Direct Economic Benefits
  - » $2.1 billion from Jobs Created; Payments to NYS and Localities; Payments for Fuel, Land Leases; In-state Purchases Goods & Services
- Environmental Benefits
- Electric Retail Price Impact

Net Retail Price Impact of RPS



Difficult to Quantify Benefits

- Attract Capital & Economic Dev.
- Moderating Price Volatility
  - » Electric and Gas
- Public Health and Environment
- Energy Security
- Energy Independence
- Technology Innovation

Future Evaluation Topics

- Economic and Environmental Impacts
  - Benefit/Cost Analysis
  - Price Volatility and Price Impacts
  - Emissions avoided and value of cost per ton (incl. CO_2, PM, CH_4)
  - RPS RECs and RGGI Allowance Market Interactions
- Market and Process Research
  - Comparing NYS RPS with Other RPS States
  - Policy Interaction (RGGI, Federal RES/Climate Change, NY Climate Action Plan)
- Additional Market Transformation Measures
  - Effect on In-state manufacturing and servicing of RE generation components
  - REC Price Analyses
  - REC Prices as Portion of Capital Needed (measure of sustainability)
  - Tracking and Trading System Impact on RPS and Voluntary Market
- System Studies