

Summary of Recent NY Demand Side Activity

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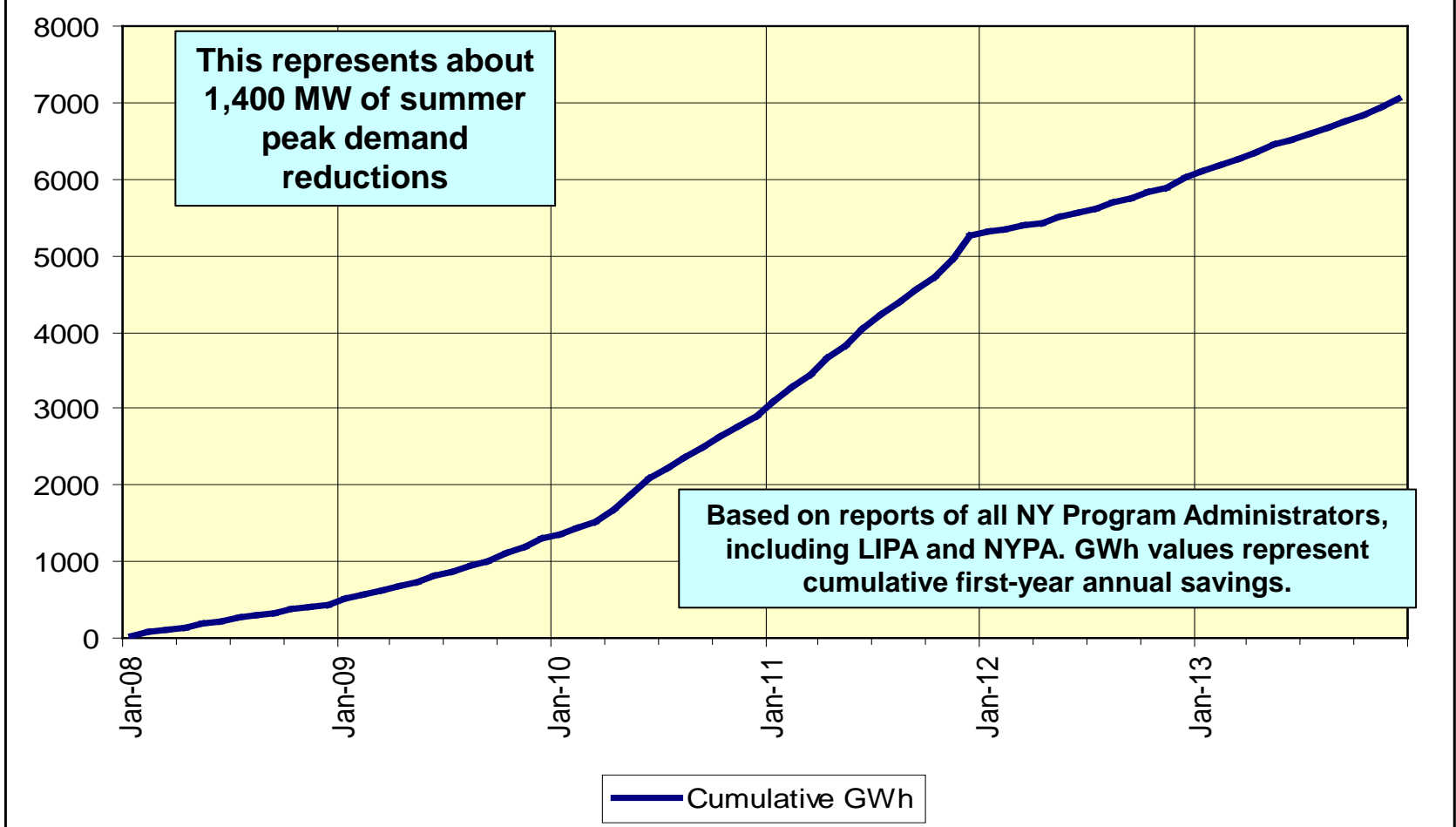
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Overview

- ◆ **Energy Efficiency**
 - *EEPS 2008 to 2013 achievements*
 - *Current projections*
- ◆ **Renewable Energy (Solar PV)**
 - *RPS - Customer-Sited Tier*
 - *New York Sun Initiative*
- ◆ **Distributed Energy Resources**
- ◆ **Green Bank**

EEPS Cumulative GWh - 2008 to 2013



Energy Efficiency Portfolio Standard

- ◆ *Current program runs from 2012 through 2015. December 26 PSC restructuring order only addressed 2013 & 2014; did not change program goals.*
- ◆ *Future spending levels and goals not known; expected to be specified in a future restructuring order.*
- ◆ *Cumulative impacts 2008 to 2013, represent 4.1% of 2013 annual energy, as reported by all Program Administrators.*
- ◆ *Zones A-G: 2014 projections will extend program impacts at 80% of current funding levels through 2024, and consistent with current rate of achievement.*
- ◆ *Zones H-K: 2014 projections provided by LIPA/PSEG and Con-Ed.*

Renewable Energy

- ◆ ***Renewable Portfolio Standard Overview***
 - ◆ ***Customer-Sited Tier (CST) authorized in 2010 through 2015;***
 - ◆ ***Included Solar PV and other renewable technologies;***
 - ◆ ***Current budget authorization A-K: \$150M through 2015.***
- ◆ ***On 1/6/2014, NYSERDA requested that the PSC issue an order to extend funding for CST at \$150M per year through 2023.***
- ◆ ***LIPA and NYPA have included some CST solar PV in their current forecasts.***
- ◆ ***NYISO will include some CST solar PV in Zones A-G, but the level and rate of growth are not yet determined.***

Distributed Energy Resources

- ◆ *Con-Ed currently includes some DER in its forecast.*
- ◆ *NYISO activities*
 - ◆ *Organized the December 2013 DER Workshop;*
 - ◆ *Currently working with DNV GL (KEMA) on a DER study;*
 - ◆ *NYISO is participating in DPS and NY-PSC activities in Utility 2.0.*
- ◆ *No plans to include any DER impacts in 2014 forecast, other than included by Con-Ed and LIPA/PSEG in their load forecasts.*
- ◆ *NYISO may be able to estimate of DER impacts beginning with 2015 Gold Book.*

NYSERDA Green Bank

- ◆ *Current funding is \$165M.*
- ◆ *Expected to commence operations in early 2014.*
- ◆ *No immediate impact on 2014 Gold Book forecast.*
- ◆ *NYISO will monitor developments in 2014 to see how Green Bank investment strategies evolve.*
- ◆ *Impacts possible beginning with 2015 Gold Book.*

The New York Independent System Operator (NYISO) is a not-for-profit corporation responsible for operating the state's bulk electricity grid, administering New York's competitive wholesale electricity markets, conducting comprehensive long-term planning for the state's electric power system, and advancing the technological infrastructure of the electric system serving the Empire State.



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