

# Presentation on City of Geneva's

- Energy Portfolio
- Potential Impacts
- Rate Structure



# Power Supply (MWH, % of Load)

NIMPA	306.6	79%
NextEra	78.5	20%
WMRE	33.1	8.5%
<u>GGF</u>	<u>4.1</u>	1%

Needs	388.2
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# Providing Energy Solutions



Energy continues to play a vital role in our economy and in our quality of life. NextEra Energy Resources is committed to providing energy-related products and services that grow our economy, protect the environment and support our communities. We are the world's largest generator of renewable energy from the wind and sun. More than 80 percent of our electricity comes from clean or renewable sources, including wind, solar, natural gas and nuclear energy facilities that are located in 26 states and Canada. Our success reflects the solid business practices of our parent company, NextEra Energy, Inc., a Fortune 200 company and one of the nation's leading clean energy companies.

### Offering a diversified portfolio of fuel sources

NextEra Energy Resources has a portfolio of power generating facilities, totaling more than 19,880 megawatts (MW) of capacity in the United States and Canada. This includes wind, solar, natural gas and nuclear energy resources.

We are primarily a wholesale power generator, operating power plants and selling the output to utilities, retail electricity providers, power cooperatives, municipal electric providers and large industrial companies.

### Bringing experience in renewable energy

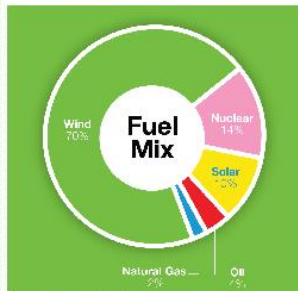
NextEra Energy Resources has been involved in clean energy development since the 1980s and now has a cumulative investment of more than \$30 billion in wind and solar energy facilities. We have earned a reputation for excellence and experience in developing, constructing and operating wind and solar projects across North America.

- **Wind Energy.** We own and operate more than 115 wind facilities in 20 states and Canada with more than 13,800 net MW of capacity. We operate more than 9,300 wind turbines that are capable of generating enough electricity to power approximately 4.2 million homes.

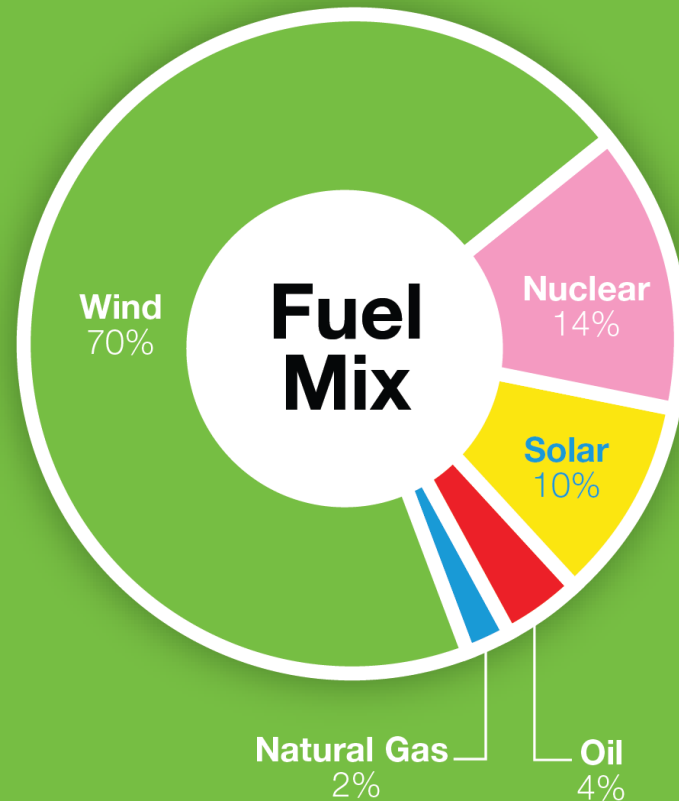
- **Universal Solar Energy.** We have approximately 26 solar projects with more than 2,100 net MW of capacity. The sites are located in Alabama, California, Georgia, New Jersey, New Mexico, Nevada and Canada.

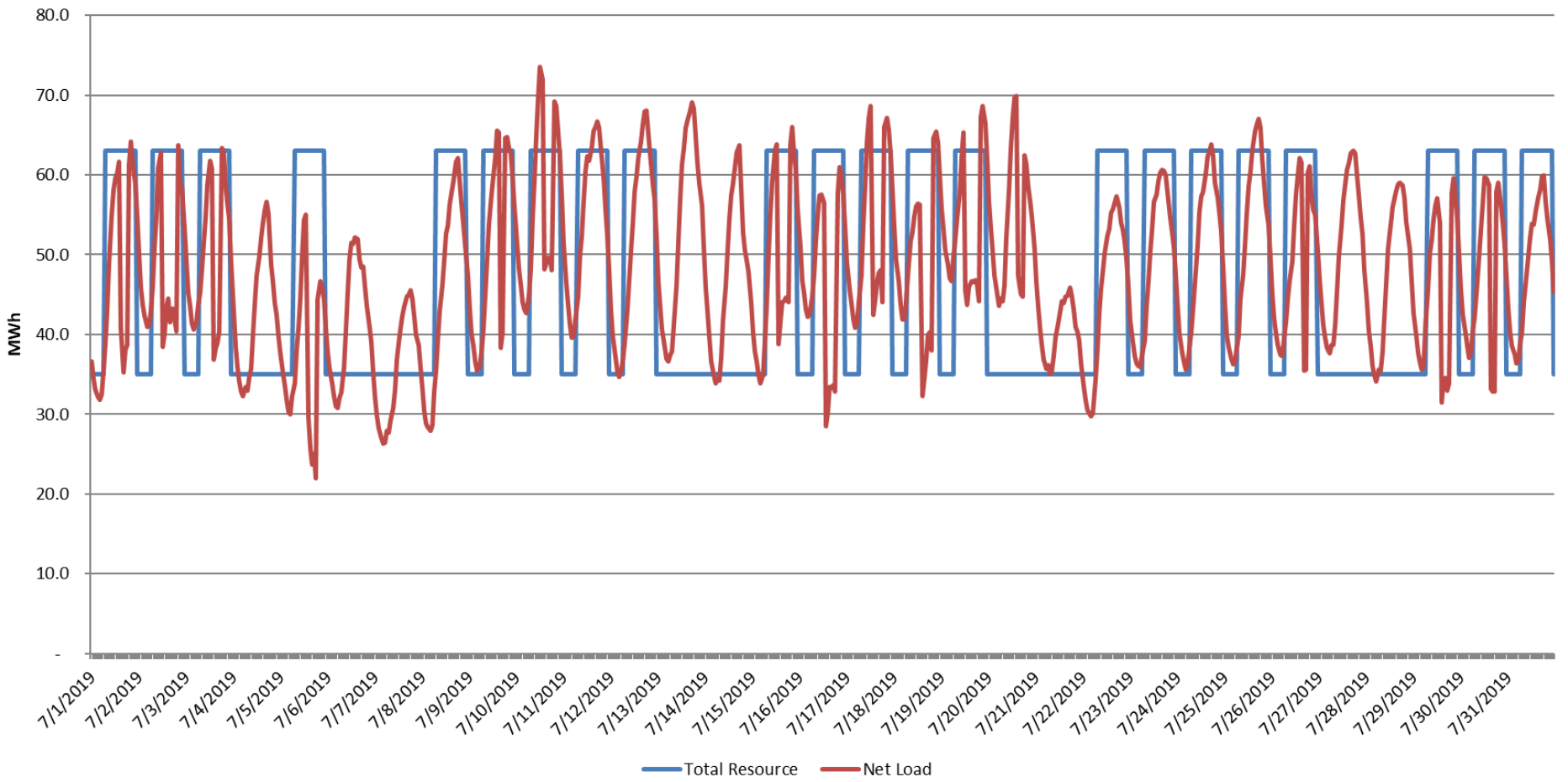
### A Diversified Portfolio at NextEra Energy Resources

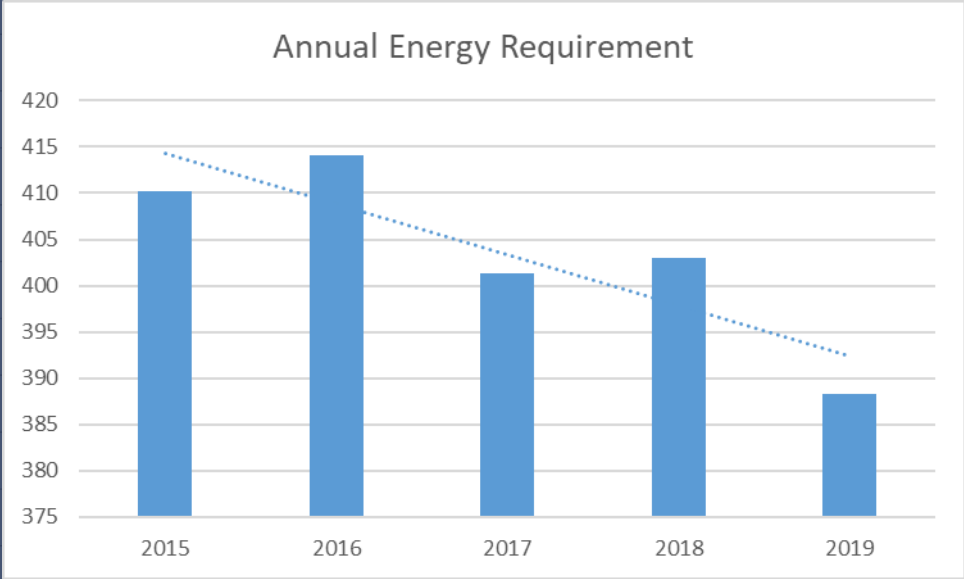
Total Net Megawatts: 19,882\*  
Updated January 1, 2017



\*Includes megawatts associated with noncontrolling interests related to NextEra Energy Partners, LP







# Legislative and Regulatory

## Spring Session

- Complicated and unprecedented legislative landscape
  - Exelon/ComEd investigation
  - Environmental community divided on approaches to energy reform
  - FERC MOPR complex new ruling for PJM capacity markets may influence state capacity market initiative
  - Uncertainties abound
- HB 3624 CEJA (Clean Energy Jobs Act)
  - Carbon free power sector by 2030
  - 100% renewable energy in Illinois by 2050

# Legislative and Regulatory

## Spring Session

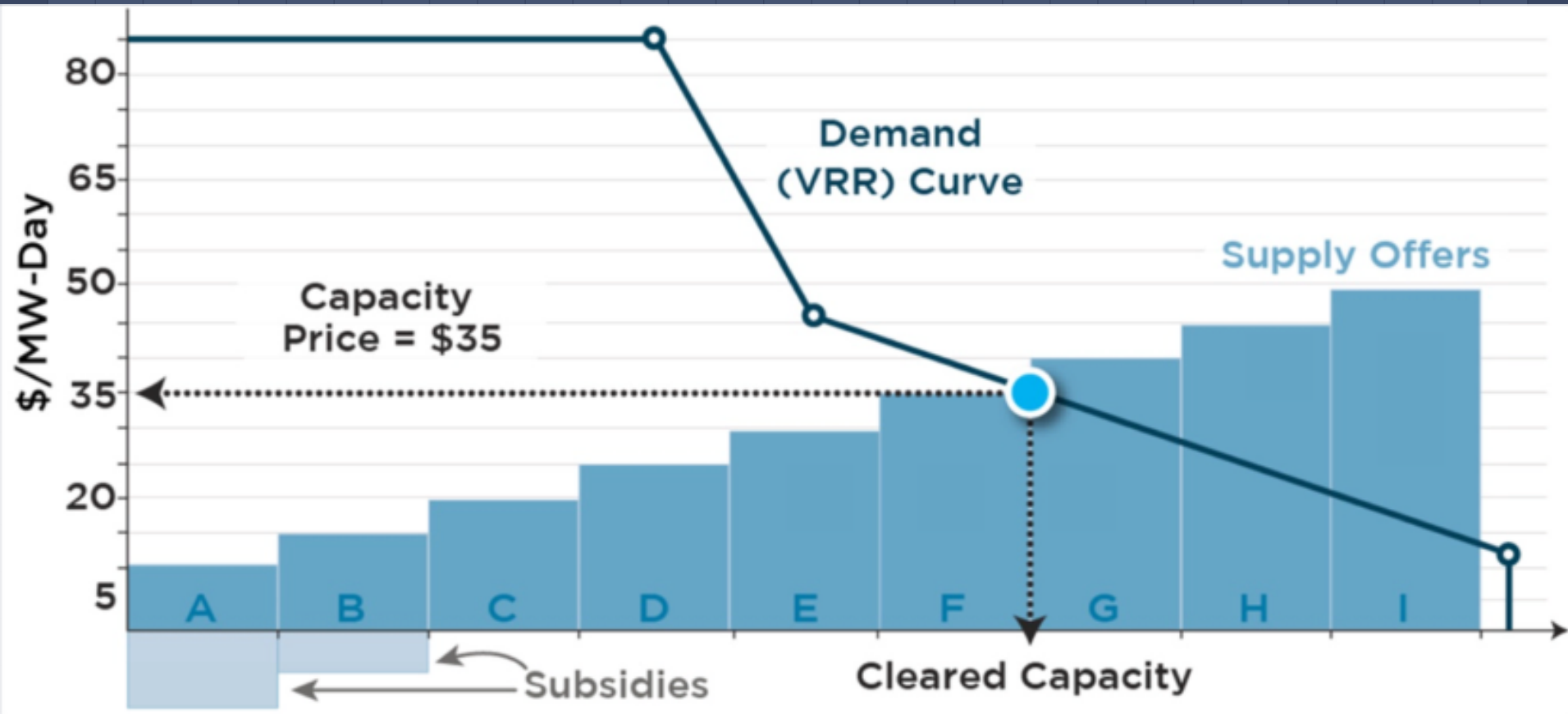
- (HB 2966/SB 1781) Path to 100
  - Caution against a “rush to enact” capacity market changes
  - FEJA money runs out; cliff coming in 2021
  - Solar and Wind proponents seeking additional funding
- (HB 2861/SB 660) Exelon
  - Seeks changes relating to nuclear power plants and capacity markets
- HB 3152 ComEd
  - Update electric service customer choice law, includes changes related to energy infrastructure modernization (smart grid)

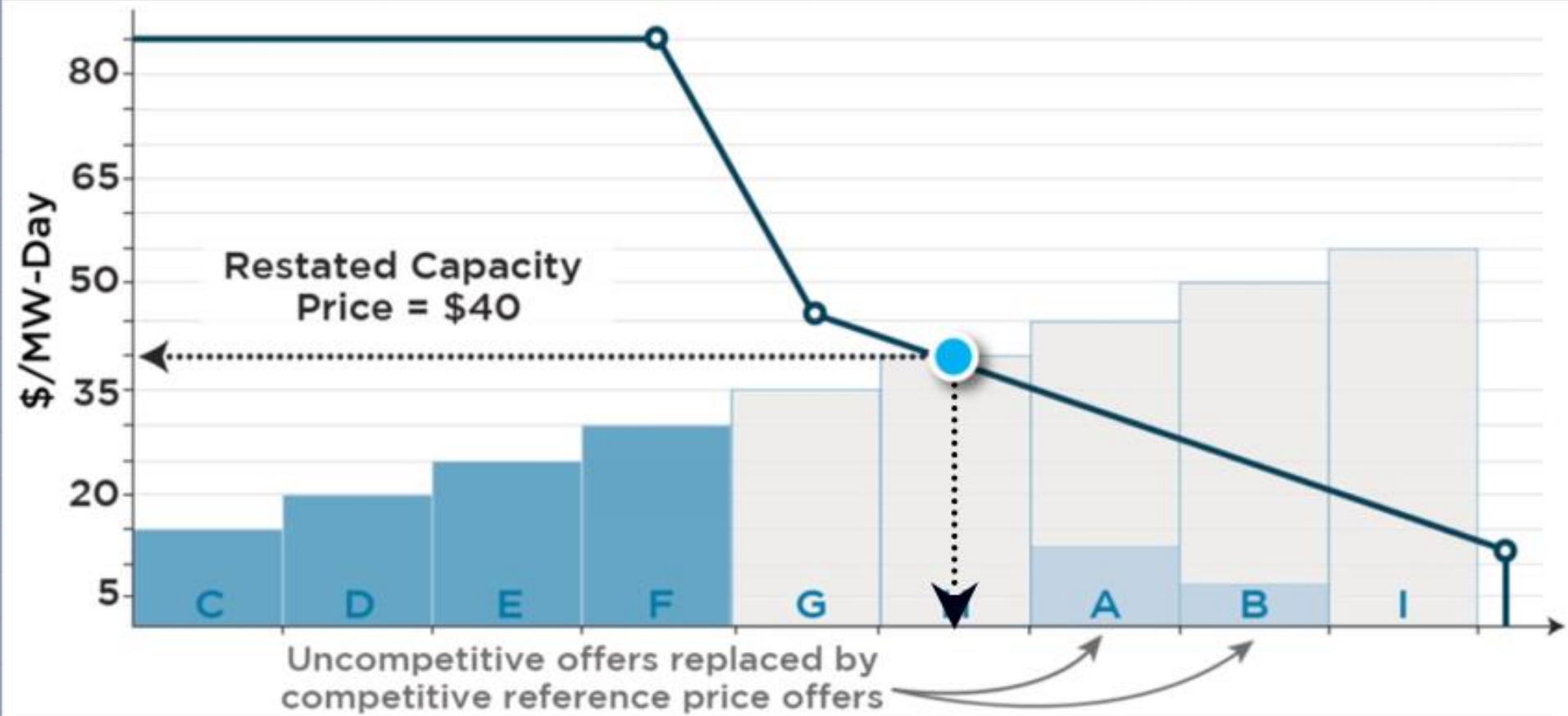
# Legislative and Regulatory

## Federal

- Minimum offer Price Rule (MOPR) – PJM
  - Not liked by Public Power, ComEd, Environmental Community
  - Timing matters
    - Details will likely not be available before the end of the spring session
    - If the state wants to address the ruling they will have to address it before they know the final details
    - Capacity Markets are very complex







# Legislative and Regulatory

## CLEAN (democratic initiative)

- Establishes a Clean Energy Standard (CES) starting in 2022 with a goal of 100 percent clean energy by 2050.
  - Requires net-zero emissions of covered emissions in each state by 2050
  - States have to develop State Climate Plans to meet the standards

# Questions ?

