



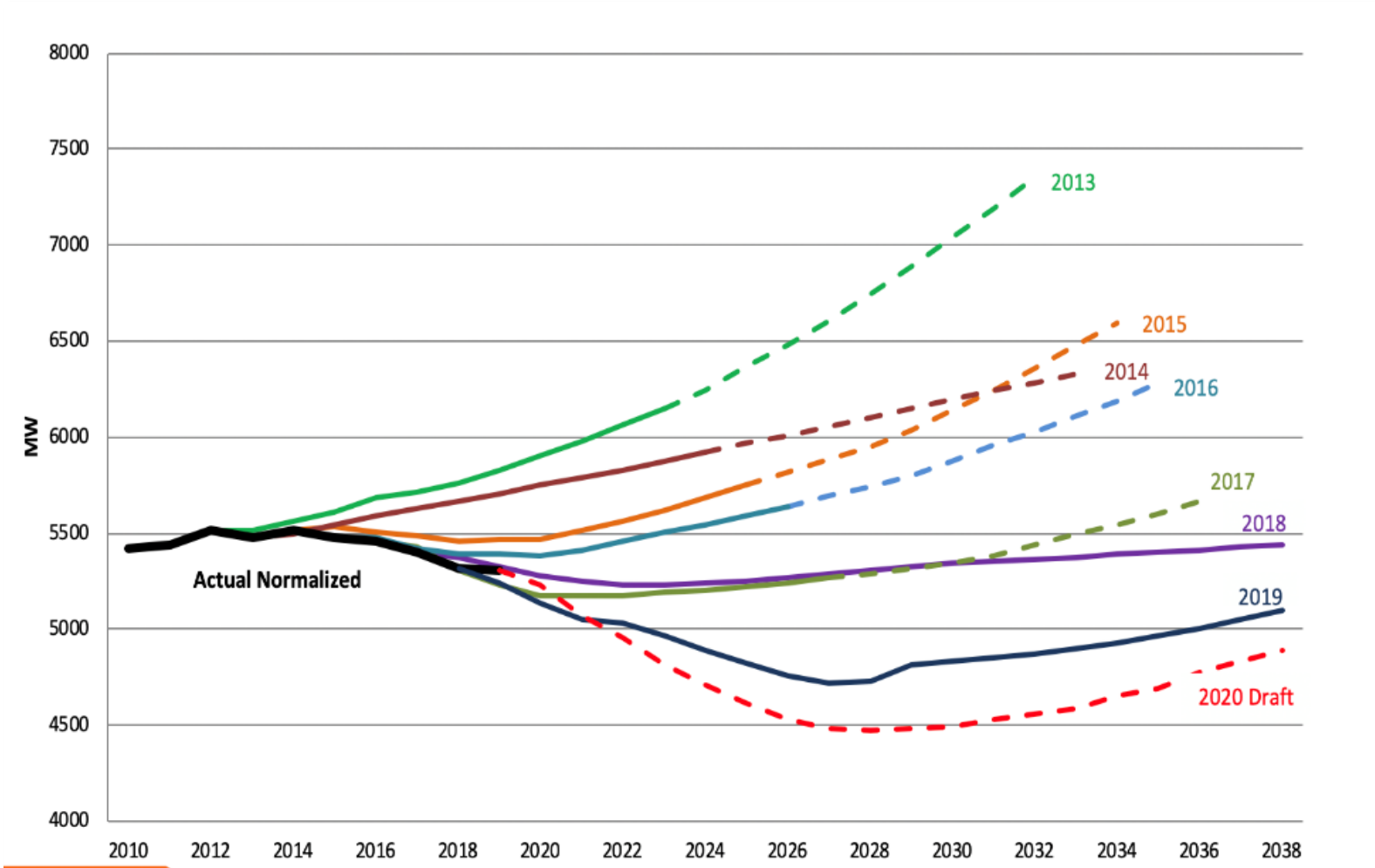
Long Island's Peak Load Forecast Update and NOx Compliance Plan

March 27, 2020



Long Island's Peak Load Forecast

LONG ISLAND PEAK LOAD FORECAST



LONG ISLAND'S PEAK ENERGY NEEDS CONTINUE TO DECLINE

Energy Efficiency

- Lighting in the residential sector
- Lighting and HVAC controls in commercial sector

Renewables

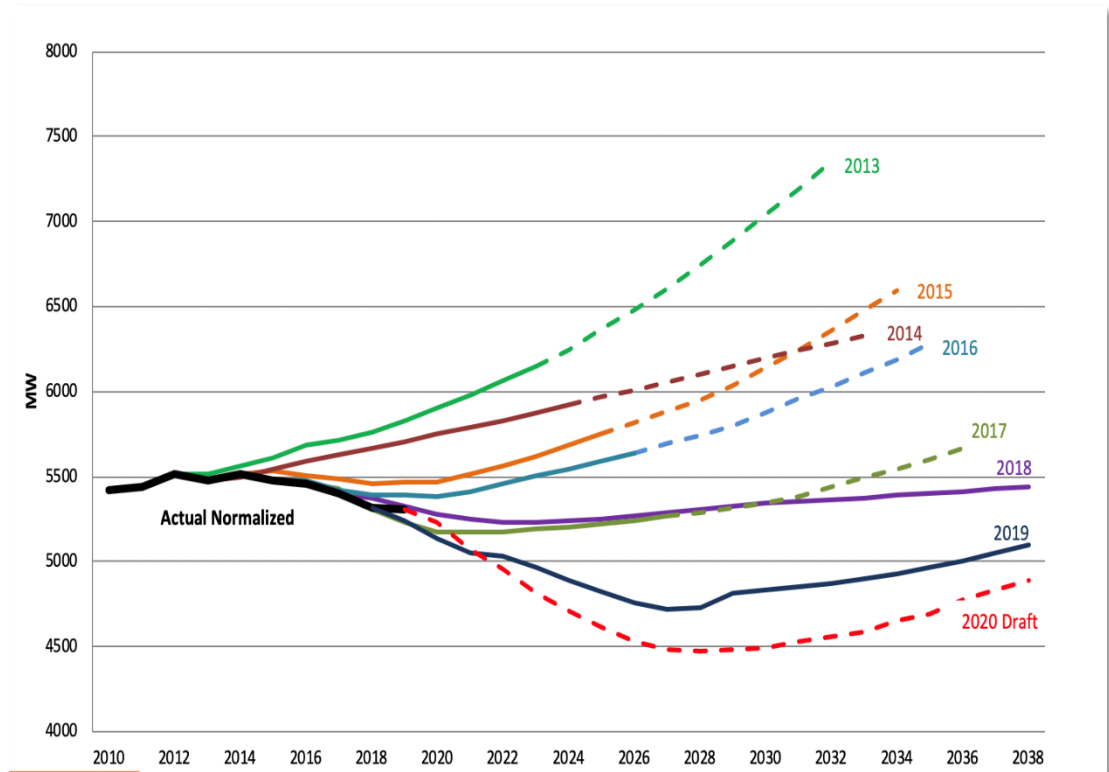
- Rooftop Solar PV
- FIT Solar PV
- Fuel Cells in Commercial Sector

Electrification

- Heat Pumps
- Electric Vehicles

COMPARISONS TO PREVIOUS FORECASTS

- New peak load forecast is 2,546MW below the 2013 forecast, equivalent to 4 large power plants
- New peak load forecast for 2030 is approximately 340MW lower than last year's forecast



NOx Compliance Plan

The background of the slide features a blue-tinted photograph of high-voltage power lines and a transmission tower. The lines stretch across the frame from the top right towards the bottom left. A large lattice tower is visible on the left side. The overall aesthetic is clean and professional, with a green and blue gradient at the bottom.

NOx OVERVIEW

- In 2019, New York's Department of Environmental Conservation (DEC) proposed tougher requirements on Nitrogen Oxide (NOx) air emissions on older peaking plants to protect the health of New York State residents
- LIPA, together with PSEG Long Island and National Grid, evaluated the cost of compliance and identified units worthy of investment in order to maintain system reliability while New York transitions to a low carbon future
- As a result, National Grid plans to retire units at West Babylon and Glenwood to meet DEC NOx compliance
- PSEG Long Island is conducting additional studies of the needs of the electric grid as New York transitions to a low carbon future. Additional changes may be made to the NOx compliance plan between now and 2023



COMPLIANCE PLAN OVERVIEW

Facilities that are or will be compliant with DEC's May 1, 2023 deadline:

- Port Jefferson Energy Center
- Northport Power Station
- E.F. Barrett Station*
- Glenwood Energy Center
- Glenwood GT 2 and 3*
- Holtsville GT Facility
- Wading River Facility including Shoreham GT 1 and 2
- East Hampton Generating Facility

Facilities selected to retire in 2020-2021:

- West Babylon GT 1
- Glenwood Energy Center GT 1

NO_x COMPLIANCE PLAN RETIREMENT DETAILS

Glenwood 1

- Glenwood Power Plant was demolished from 2012 – 2015, leaving three peaking plants (Glenwood 1, 2, & 3) to remain in operation
- The Glenwood peaking units were utilized at approximately 1% of their capacity in 2019
- Glenwood 1 (16MW) is scheduled to retire in 2021

West Babylon GT1

- West Babylon (52MW)
- Scheduled to retire in 2020