Overview of Assumptions

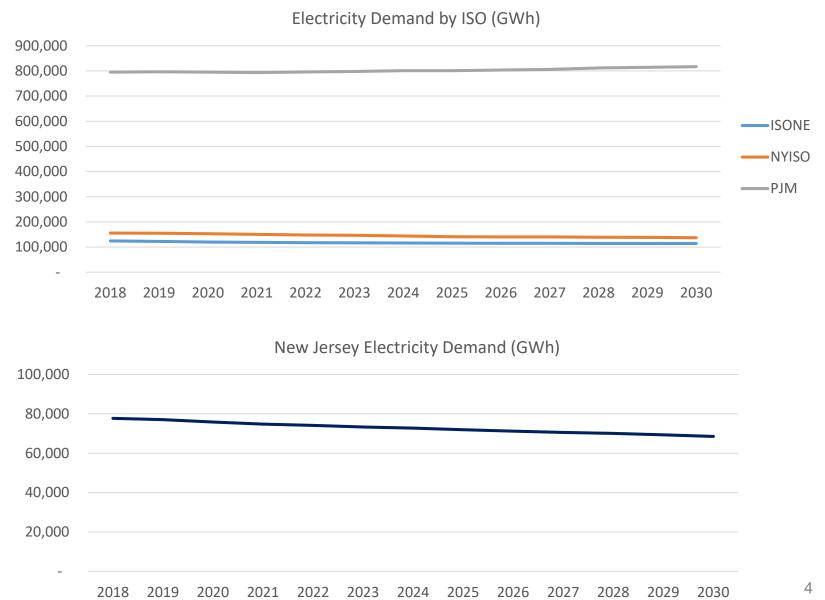
Assumptions Overview

- The following slides summarize the sources for key assumptions used in the analysis
- The NJ BPU and DEP specified the assumptions and scenario design for the analysis or adopted assumptions already developed by the RGGI states
 - Projections are based on assumptions in place as of October 1, 2018
 - The assumptions have been updated from the 2017 RGGI Model Rule analysis for all states

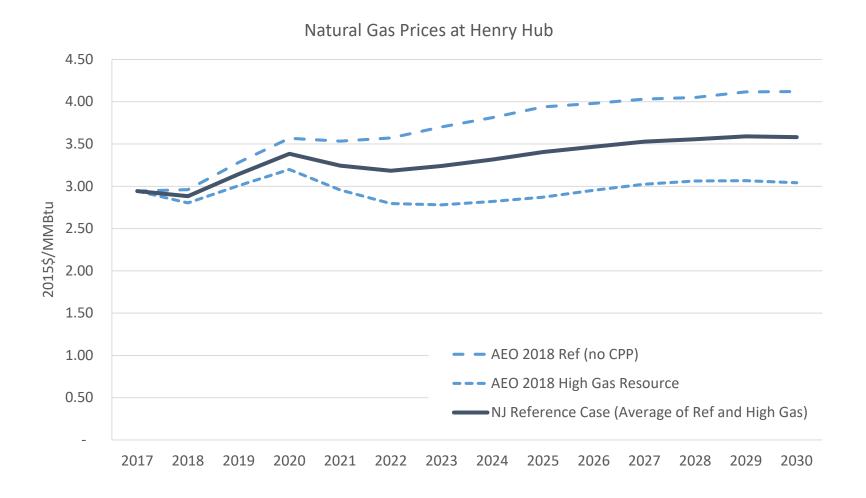
Assumptions (1)

Assumption	Source
IPM Reporting Years	Reporting years for the IPM model: 2018, 2020, 2022, 2025, 2028, 2030
RGGI Demand - Load and Peak Growth	ISONE - 2018 CELT Net PDR NYISO — Includes adjustments for EE, PV, ZEV, HP, and Non-PV BTM DG PJM - PJM 2018 Load Forecast with incremental EE adjustments in VA and NJ to account for state legislative mandates. Incremental BTM Solar adjustments were also made in NJ. Rest of US: ISO (as available) or EIA AEO 2018 regional growth rates
Gas Prices at Henry Hub	Average of 2018 AEO Reference and High Gas Resource Cases
Build Costs - Renewables	EPA v6 adoption of NREL (2017 Annual Technology Baseline Study) capital costs

Assumption: Electricity Demand



Assumption: Natural Gas Prices



Assumptions (2)

Assumption	Source
Minimum Generation - NY	Assume minimum run time and oil burn for dual-fuel units in Zones J and K based on input from NYSERDA. The total MWhs of minimum generation declines over time consistent with the decline in load for each of the respective zones, maintaining the share of minimum generation as a percentage of load.
Minimum Generation - PJM (DE and MD)	2017 historical generation for coal units as minimum generation requirement for 2018.
Minimum Generation - ISONE (MA and NH)	2012-2017 average historical generation for coal and oil/gas units as minimum generation requirement for 2018.

Assumptions (3)

Assumption	Source
Canada Carbon Price	Canadian federal backstop price
Firm Capacity Changes - NYISO	Based on input from NYSERDA, NYISO and ICF
Firm Capacity Changes – PJM (DE, MD, NJ and VA)	Based on input from the States, PJM ISO and ICF
Firm Capacity Changes – ISO-NE	Based on input from the States, ISO-NE and ICF
Offshore Wind Requirements	Based on input from the States and expectations based on state policies/announcements NY: 2,400 MW by 2030 MA: 1,600 MW by 2026 CT: 200 MW by 2024 RI: 400 MW by 2024 MD: 368 MW by 2022 NJ: 3,500 MW by 2030 VA: 12 MW by 2021
Storage	Based on publicly announced storage targets as well as input from the States
Firm Transmission	Based on input from the States; includes a 1,090 MW new line from Quebec to ISONE in 2022

Assumptions (4)

Assumption	Source
Nuclear Lifetime	60 years, or as planned by owners, based on input from the States Retirements in the modeling time horizon in NYISO, ISO-NE and the RGGI PJM States (MD, DE, NJ, VA): Oyster Creek - 2018 Pilgrim – 2019 Indian Point 2 - 2020 Indian Point 3 - 2021 Ginna & Nine Mile Point 1 - 2030
Renewable Portfolio Standards	RPS targets met in New England and PJM with state-level RPS implementation Fulfillment of NY Clean Energy Standard mandate assumed based on renewable buildout provided by NYSERDA
State Environmental Policies	Existing requirements provided by state agencies No coal generation in NYISO after 2020
Federal Environmental Policies	Mercury and Air Toxic Standards (MATS) Disposal of Coal Combustion Residuals from Electric Utilities (Ash) Cross-state Air Pollution Rule (CSAPR) Federal Production Tax Credit / Investment Tax Credit (PTC/ITC)