

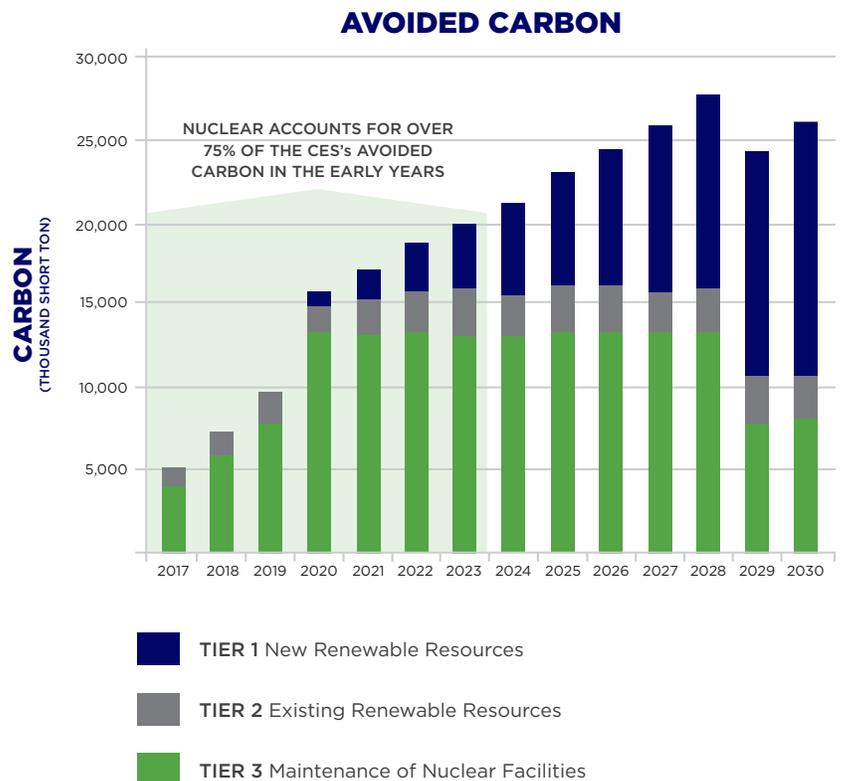
NEW BRATTLE GROUP ANALYSIS FINDS BENEFIT OF MAINTAINING UPSTATE NUCLEAR POWER PLANTS FAR EXCEEDS COST

New York State is developing a Clean Energy Standard (CES) to achieve 50% renewable energy by 2030. Upstate New York's nuclear energy plants – Nine Mile Point Nuclear Generating Station and FitzPatrick Nuclear Power Plant in Oswego County, and Ginna Nuclear Generating Station in Wayne County – are critical to accomplishing New York State's clean energy goals. **In the early years of the CES (through 2023), over 75% of the carbon avoided by the program is directly attributable to CES Tier 3 and the upstate nuclear plants it maintains. Over the longer term, preserving upstate nuclear will account for more than half of the program's carbon avoidance benefits and only one fifth of the program's cost.**

ACHIEVING A COST-EFFECTIVE CLEAN ENERGY STANDARD REQUIRES THE ONGOING OPERATION OF NEW YORK'S UPSTATE NUCLEAR FACILITIES.

ECONOMIC & ENVIRONMENTAL ANALYSIS OF TIER 3 (NUCLEAR SUPPORT) OF THE NEW YORK CES

- ✓ Preserving upstate nuclear plants accounts for **50% of the CES program's carbon avoidance benefits**, while incurring only 21% of the program's overall costs.
- ✓ Ratepayer savings of **\$1.7 billion per year, 36 times greater** than the estimated ratepayer cost of supporting the upstate nuclear plants.
- ✓ **\$3.16 billion higher Gross Domestic Product for the State.**
- ✓ Economic and environmental benefits of preserving **upstate nuclear plants exceed the cost of the program by a factor of more than 70.**
- ✓ Upstate nuclear plants support over **24,000 full time direct and secondary jobs.**



BY PRESERVING UPSTATE NUCLEAR, TIER 3 OF THE CES CAN MAINTAIN ITS CONTRIBUTION TO THE STATE'S ECONOMY, ITS CLEAN ENERGY GOALS, AND ELECTRICITY RELIABILITY.

All facts and figures are from "Comments on the New York DPS 'Clean Energy Standard White Paper – Cost Study'," an independent report prepared by The Brattle Group. The report was commissioned by the Central-Northern New York Building & Construction Trades Council, the IBEW Utility Labor Council of New York, and the Rochester Building and Construction Trades Council to review the DPS Cost Study and relate it to the December 2015 Brattle report, "New York's Upstate Nuclear Power Plants' Contribution to the State Economy."