

EO88 2018

ANNUAL REPORT

EXECUTIVE SUMMARY



NY Power
Authority

EO88 BACKGROUND

Executive Order 88 (EO88) sets a nationwide precedent for energy efficiency by mandating a 20 percent reduction in Source Energy Use Intensity (EUI) at State facilities by 2020. EO88 designates the New York Power Authority (NYPA) as the administrator of BuildSmart NY, an initiative created to help State facilities satisfy the Order's requirements. BuildSmart NY actively champions EUI reduction strategies and reports progress towards EO88 goals.

2018 ACCOMPLISHMENTS

AGGREGATE PROGRESS SINCE THE BASELINE YEAR (2010-11)



ENERGY USE REDUCTION:

State facilities have reduced source Energy Use Intensity (EUI) by 13.8% since the baseline year (State Fiscal Year 2010-11) and that number will increase to 18.2% with committed projects in progress. In 2018 alone, these improvements have resulted in an estimated \$95 million in avoided costs and over 200 thousand tons of avoided CO₂ emissions.



ENERGY AUDITING:

State Agencies have gone above and beyond the energy auditing requirement by completing all audits required by EO88, as well as several additional studies, marking a significant accomplishment in meeting the Order's goals.



SUBMETERING:

Approximately 90% of identified State buildings are now fully submetered. Electric submetering has progressed even further, with approximately 95% of all identified buildings now metered for electricity.



RENEWABLES:

This year, BuildSmart NY Agencies continued their commitment to sustainability by investing in renewable energy through Solar PPA's and capital projects. NYPA has estimated 60MW of solar capacity in development.

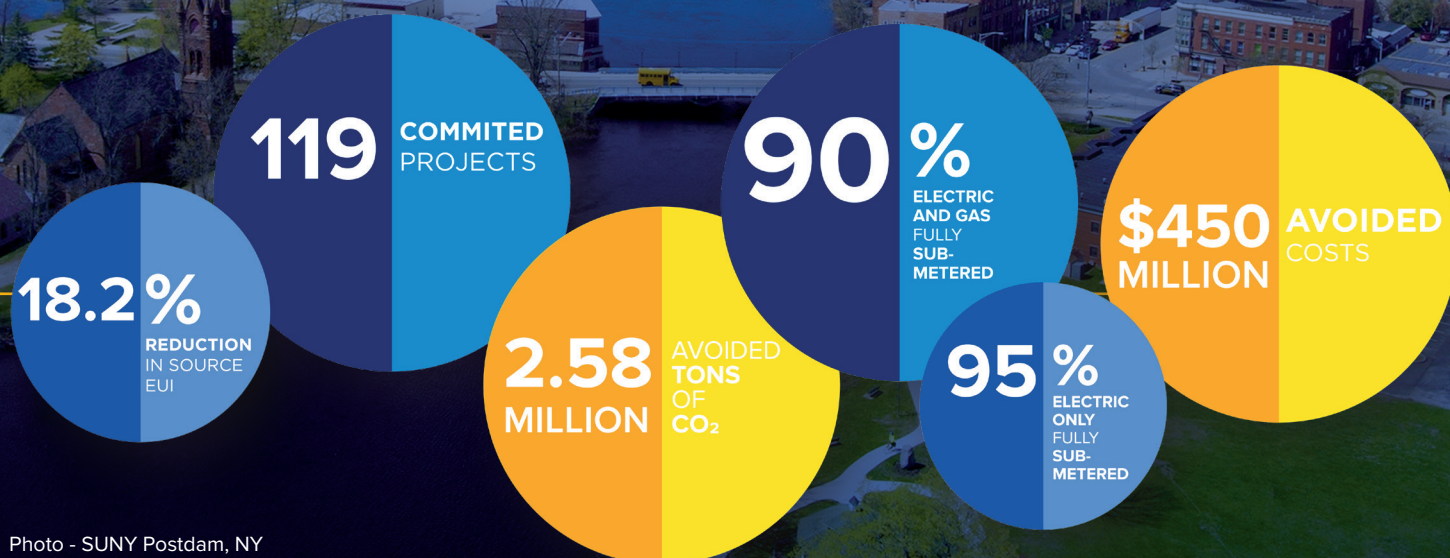


Photo - SUNY Postdam, NY

SUMMARY OF ENERGY USE REDUCTION

With committed projects underway, State facilities will decrease their source EUI by 18.2%. This significant improvement represents strong progress toward the Order's 20% reduction goal and demonstrates State Agencies' continued efforts toward building a better New York.



SOURCE EUI REDUCTION BY AGENCY THRU 2018

