

SUNY- NYPA ENERGY EFFICIENCY PROJECTS TOTALS FOR 2013

\$79,969,368 –Installation Costs

\$ 3,586,450 – Annual Savings

21,130 -- CO2 Reductions

• **PURCHASE COLLEGE—WESTCHESTER COUNTY**

Chiller Replacement with Ice Thermal Storage System

High Tension Electrical Service Upgrade

Installation of new 750 KW backup Diesel Generator

HVAC Installation - Neuberger Museum

Energy Master Plan

Project Costs: \$22,935,860

Bill Savings: \$ 494,848

CO2 Reduction: 2,078 tons

• **UNIVERSITY AT BUFFALO—ERIE COUNTY**

Chilled-Water Loop Upgrades

Exterior and Interior Lighting Upgrades

HVAC Upgrades –Capen Hall

Conversion of Electric HVAC Units to Hot & Chilled Water Loops – Ellicott Dormitory

Thermostatic Controls & Conservation Water Fixtures– Governor’s Dormitory

750 kW Solar Photovoltaic Installation

Project Costs: \$27,569,624

Bill Savings: \$ 982,862

CO2 Reduction: 5723 tons

• **SUNY BROCKPORT—MONROE COUNTY**

HVAC Upgrades

Electric Motor Replacements

Interior & Exterior Lighting Upgrades and Controls

50 kW Solar Photovoltaic Installation

Electric Metering

Project Costs: \$ 5,131,201

Bill Savings: \$ 307,262

CO2 Reduction: 1,295 tons

• **BUFFALO STATE COLLEGE—ERIE COUNTY**

Energy Master Plan

Project Costs: \$ 323,919

Bill Savings: NA

CO2 Reduction: NA

- **SUNY CANTON—ST. LAWRENCE COUNTY**
 Wind Power Installation
Project Costs: \$ 6,955,865
Bill Savings: \$ 371,456
CO2 Reduction: 2,128 tons
- **SUNY COBLESKILL— SCHOHARIE COUNTY**
 75 kW Solar Photovoltaic Installation
Project Cost: \$392,894
Bill Savings: \$ 8,405
CO2 Reduction: 45 tons
- **SUNY DOWNSTATE MEDICAL COLLEGE—KINGS COUNTY**
 Window Air Conditioning Units
Project Cost: \$720,275
Bill Savings: \$203,327
CO2 Reduction: 831 tons
- **SUNY COLLEGE OF ENVIRONMENTAL SCIENCE AND FORESTRY—
 ONONDAGA COUNTY**
 Lighting Upgrades & Controls
 Electrical Motor Replacement
 Variable Frequency Drives
 Steam Trap Replacement
Project Costs: \$ 767,427
Bill Savings: \$ 291,191
CO2 Reduction: 4,536 tons
- **SUNY MARITIME—BRONX COUNTY**
 Solar Thermal Systems for Domestic Hot Water Heating
Project Costs: \$ 2,789,813
Bill Savings: \$ 123,220
CO2 Reduction: 528 tons
- **SUNY UPSTATE MEDICAL COLLEGE—ONONDAGA COUNTY**
 Lighting Upgrades and Controls
 Electrical Motor Replacement
 Energy Management System
 HVAC Upgrades
 Ventilation System with Exhaust Fans for Labs
 Steam Trap Replacement,
 Variable Frequency Drives
 Compressed Air System
Project Costs: \$ 12,382,490
Bill Savings: \$ 803,878
CO2 Reduction: 3,966 tons