

Site Tours

Tours highlighting energy issues are planned for the afternoon of July 26th, departing from the hotel between 1:00 and 1:30. Some site visits will be of projects co-sponsored by NYSERDA. Tours will be announced on the ACEEE website; participants may sign up on-site at registration.

Queens Botanical Garden Sustainable Buildings and Landscapes

Queens Botanical Garden's new sustainable buildings feature architecture that maximizes daylighting and natural ventilation, geothermal heating/cooling, PV, and structural materials and furnishings with significant recycled content and no/low VOCs. Water is conserved, collected, cleansed, and recycled in buildings and landscapes using bioswales, constructed wetlands, and a cleansing biotope; and a roof planted with native plants absorbs rainwater. Multiple funders include NYSERDA. www.queensbotanical.org

Approximate travel time each way: 30 minutes

Approximate tour length: 1.5 hours

Allied Converters

Allied Converters processes plastic film into bags and wrapping. NYSERDA co-funded the installation and commissioning of a combined cooling, heating and power system with two 30kW Capstone, natural gas-fired microturbines for generating electric power. The heat recovery system captures the microturbine exhaust gas thermal energy for space heating and cooling. NYSERDA also co-funded a rooftop PV system. The facility also installed efficient lighting ballasts and motors.

Approximate travel time each way: 20 minutes

Approximate tour length: 1 hour

Rockland Bakery

Rockland Bakery is a family-owned, regional wholesale commercial bakery. The majority of its breads are cooked with low pressure steam, then browned in natural gas-fired ovens. NYSERDA co-funded projects to reduce energy costs and improve power reliability, including 3 natural gas fired reciprocating engines to generate electricity and low pressure steam. The steam is used to reduce the consumption of natural gas currently fired in the cooking ovens. Lean burn engine technology is being deployed to reduce NO_x emissions.

Approximate travel time each way: 25 minutes

Approximate tour length: 1.5 hours

The Bronx Zoo

The Bronx Zoo is internationally recognized. This will be a behind the scenes tour of the Bronx Zoo's existing cogeneration plant and other heating and cooling facilities as time allows. Afterwards, tour participants desiring to see the animals will have passes good until the zoo closes at 5:00.

Approximate travel time each way: 25 minutes

Approximate tour length: 1.5 hours