

REBUILD AMERICA PARTNER: Rebuild Western New York

“The Rebuild Western New York program helps institutions successfully identify and pursue energy-efficiency opportunities. The initial building sector targeted is health care facilities. Future plans are to include private colleges and universities, municipal governments and multifamily buildings.” – *Lee L. Smith, New York State Energy Research and Development Authority*

Goals

- ◆ Total Area to be Retrofitted: 8 million square feet in 15 projects. Includes mix of healthcare, colleges, universities and local municipalities.
- ◆ Anticipated Energy Savings: 10 gigawatt-hours and 0.18 trillion btus annually
- ◆ Anticipated Cost Savings (annually): \$4.7 million
- ◆ Anticipated Capital Investment: \$50 million
- ◆ Job Creation: 2,750 job years
- ◆ Emissions Reduction (annually after Year 5):
CO₂: 17,000 tons

Demographics

Target Area: 8-county, 6,500-mile area of western New York State. Eight counties in western New York state: Allegany, Cattaraugus, Chautauqua, Erie, Genesee, Niagara, Orleans and Wyoming. The area is primarily rural, however it includes the cities of Buffalo, Jamestown and Elmira.

Population: approximately 1.7 million in 8-county area

Government:

Counties: County Executive and County Legislature

Cities: Mayor and Common Council

Approach

- Expand available service networks and expertise for use in achieving significant energy-efficiency improvements in hospitals and other health care facilities in the targeted community.
- Utilize regional and state healthcare association publications and meetings as marketing forums.
- Access resources related to energy-efficient purchasing and performance contracting.
- offer technical assistance and financial packaging services to assure implementation of energy-efficiency improvements.
- Assist in the selection of lenders and qualified energy services companies to implement energy-efficiency improvements.
- Draw upon pool of pre-qualified energy service companies for performance contracting-based effort
- Develop a pool of capital providers/financial institutions
- Adapt existing energy performance contracting manual and other tools to improve the

energy efficiency of hospitals.

- Develop marketing materials and kick-off program with a series of presentations and media outreach activities.

Partners

Lead:

New York State Energy Research and Development Authority – State Energy Office

Program:

Dormitory Authority of the State of New York

Electric Power Research Institute

Energy Efficiency Procurement Collaborative

Healthcare Association of New York State

New York State Electric and Gas Corp.

New York Energy Efficiency Council

Niagara Mohawk Power Corp.

Western New York Healthcare Association

Project Status

- Energy studies have been performed on two facilities – one small rural hospital and one county nursing home. Energy conservation measures are being installed in the hospital through internal capital budgets and the nursing home facility is considering an energy performance contract.
- Another hospital currently is receiving assistance to obtain financing and technical assistance to develop an energy performance contract
- A pending project calls for energy performance contracting assistance on a county-wide basis and applies to these county facilities: municipal buildings, public works buildings, water treatment facilities and a community college.

Contact

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