

New York State - Energy Efficiency Portfolio Standard
Working Group 2 – Program Summaries

Program Name: Energy Services Programs

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Administering Entity: NYPA

Targeted Sector: Public entities throughout the state – all facilities

Funding years	Funding Source	Total Budget (Millions)	Cumulative Funds Spent (Millions)	Current Annual Expenditures (Year Millions)	Energy Savings As of June 2007		Demand Savings As of June 2007		Total Resource Cost (TRC) Results*
					Cumulative (MWh)	Current Annual (MWh)	Cumulative System Coincident Load Reduction (MW)	Current System Coincident Load Reduction (MW)	
16 (1991 – 2007)	NYPA provides low-cost financing during the project implementation; customer pays back at project completion.	\$1,872	\$1,008	Budget: \$100	9,136,000	945,000	202		N/A

* Or similar measure performance (e.g. TMET). Include description of cost test(s), identify if the analysis is retrospective or prospective and include any reference or links to on-line documents on evaluation as appropriate.

Program Description (include links to on-line documents as appropriate):

Public entities throughout the State are provided with low-cost financing and turn-key installation of energy efficiency measures including lighting, motors and drives, chillers, boilers, building control systems, building shell, HVAC and other efficiency measures. In addition, the Energy Services Program also offers measures such as the installation of fuel cells, micro-turbines, photovoltaic (PV) systems and reciprocating engines in a combined heat and power configuration. The program is financed primarily through NYPA financing.

Relationship to Staff Preliminary Proposal:

Consistent.

Current status (include statement on where this program is in its life cycle/MT timeline, current trends, projections, whether the program is over/under/fully subscribed, customers served)

- Program well developed and marketed to public entities throughout New York State. As of October 31, 2007, there are an additional 350 projects in over 1,000 buildings in various stages of development, with a total project value of \$866 million.
- Over 1,500 energy projects in over 2,600 buildings.

Barriers, challenges, gaps:

See below.

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Ramp-up potential, limitations, where help is needed to fulfill potential:

In its October 15, 2007 filing, NYPA stated that in order to facilitate achievement of Governor Spitzer’s “15 by 15” objectives, NYPA intends to significantly increase its investment in its existing energy efficiency program. Specifically, NYPA financed \$118 million of energy efficiency projects in 2006 and expects to invest a like amount in 2007. NYPA intends to increase its financing of such projects to approximately \$130 million in 2008, \$170 million in 2009, and \$185 million annually in 2010-2015. Based on the large scale of NYPA’s existing energy efficiency program, and on an ongoing assessment by Optimal Energy for NYPA of energy efficiency potential for NYPA’s public sector customers in southeastern New York, NYPA believes this aggressive level of project implementation and financing can be achieved. A preliminary estimate of the energy savings resulting from the 2008-2015 program expenditures discussed herein is approximately 2,056 GWHs by 2015. In addition, it should be noted that NYPA is positioned to enhance these funding levels should the response from the public sector participants exceed such levels. Finally, as to any “administrative barriers” to the ramp-up of NYPA’s energy efficiency program (see Letter Ruling, issued October 1, 2007, supra), NYPA is not aware of any.

Co-benefits (e.g. environmental, health & safety, economic development):

7,494,916 MMBtu cumulative savings, 1,624,624 MMBtu annual recurring benefits

Other issues/considerations: