

Broome-Tioga BOCES

Leslie F. Distin Education Center



Broome-Tioga BOCES
www.btboces.org
(845) 758-6822

Armstrong Pumps
www.armstrongpumps.com
(416) 755-2291

Broome-Tioga BOCES – Leslie F. Distin Education Center Binghamton, New York Broome and Tioga Counties

Background

The Broome-Tioga BOCES encompasses 15 school districts in Broome and Tioga Counties serving nearly 38,000 students. The construction project will add 48,000 sq. ft. to the Broome-Tioga BOCES Leslie F. Distin Education Center. The additional space will contain 25 classrooms and computer labs in a two story wing as well as an 8,250 sq. ft. gymnasium/multi-purpose room.

Recommendations

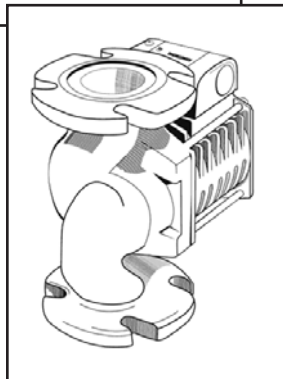
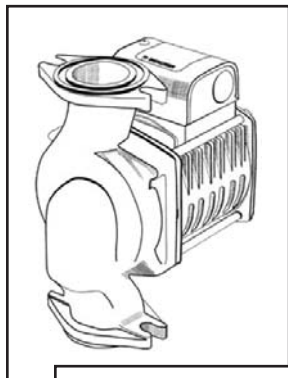
Science Applications International Corporation (SAIC) completed an evaluation of potential energy efficiency opportunities at Broome-Tioga BOCES through NYSERDA’s New Construction Program. Some of the opportunities included installing a geothermal heat pump system, a ventilation heat recovery system, and high-performance glazing.

SAIC created a preliminary design for implementing these energy efficiency measures. One of the recommended measures was to install Armstrong pumps, manufactured in North Tonawanda, New York, for the geothermal system.

Incentives and Savings

The total project cost, to implement all the recommended measures, will be **\$26,920**. The estimated annual cost savings will be \$3,610, which would result in a simple payback of 7.5 years. Broome-Tioga BOCES has the potential to save 33,427 kWh annually.

Through the New Construction program, Broome-Tioga BOCES will receive the following incentives:



Measure Category	Incentive
Estimated Geothermal Incentive	\$104,000
Total Custom Measure Incentive	\$18,844
Total Recommended Incentive	\$122,844

Rev. 4-07



For more information about these services, contact NYSERDA
toll free 1-866-NYSERDA, locally (518) 862-1090,
or e-mail: info@nyserdera.org
www.nyserdera.org/programs/New_Construction/default.asp

