

WORCESTER PUBLIC SCHOOLS

Energy Management Service Savings

The FY15 Budget of the Worcester Public Schools included the in-sourcing of energy management services from contracted vendors to employees within the Worcester Public Schools.

Once transfer from contracted services to in-house employees, the annualized savings will achieve \$106,327, a near 60% reduction from last year.

	FY14 (Actual Costs)	FY15 (Estimated) Annualized Upon Full Transfer	Savings
Energy Management	\$188,385	\$82,058	\$106,327

In addition to the cost savings, the transfer of these services to the Facilities Department have resulted in the following:

1. Real time, in-city 24/7 monitoring of all automated controlled buildings allowing for instant reporting of an actual adverse condition.
2. Ease of adjusting building schedules based weather and/or usage changes to a particular building.
3. Knowledge of each individual building interior space, boiler room, and distribution system.
4. Ability to inform the district HVAC technicians directly about issues at a school. This has led to less time needed to diagnose an issue per call.
5. Greater accountability of HVAC controls throughout the system.
6. Ability to assist in project recommendations. In house energy management oversight allows for better control over project installations working closely with boiler contractors and commissioning agents to insure the work is done right.
7. Analyze all heat complaints to identify and address repeat calls and building section failures.
8. Direct contact with building personnel (custodians, principal, staff).

Based on efforts to date, there has been a 67% reduction in the number of school heating complaint work orders as compared to last heating season (from 603 to 200).

The transfer of this service from an outside vendor to a position within the Worcester Public Schools has resulted in both a cost savings and improved service to the schools.