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The Energy Savings Plan (ESP) is the core of the Energy Savings Improvement Program (ESIP) process. It describes Toms River Regional School District's preferred Energy Conservation Measures (ECMs), the budget cost for each ECM and the ECM energy savings calculations that self-fund the project via reduced operating costs. The ESP provides Toms River Regional School District the necessary information to decide which proposed ECMs to implement as part of your (ESIP) project. Working with the District's staff, your selected ESIP project would:

1. Self-fund a \$17,472,695 project.
2. Generates \$930,408 in annual energy savings.
3. Eligible for \$1,120,095 in Pay for Performance (P4P) incentives.

To ensure conformance with the requirements of Public Finance Notice LFN 2009 - 11, the ESP must address the following elements:

- The results of the energy audit (**Completed and Verified**);
- A description of the energy conservation measures that will comprise the program (**Attachment A**);
- An estimate of greenhouse gas reductions resulting from those energy savings (**Completed and Verified**);
- Identification of all design and compliance issues and identification of who will provide these services (**Completed and Verified**);
- An assessment of risks involved in the successful implementation of the plan (**Completed and Verified**);
- Identify the eligibility for, and costs and revenues associated with the PJM Independent System Operator for demand response and curtailable service activities (**Completed and Verified**);
- Schedules showing calculations of all costs of implementing the proposed energy conservation measures and the projected energy savings (**Completed and Verified**);
- Maintenance requirements necessary to ensure continued energy savings, and describe how they will be provided. (**Completed and Verified**).



Energy Conservation Measure Breakdown by Building

The matrix below details which ECMs were applied and evaluated by building. It also indicates which ECMs were included in the project and which ECMs were not included in the project.

TOMS RIVER REGIONAL SCHOOL DISTRICT ECM MATRIX		High School East	High School North	High School South	Intermediate East	Intermediate North	Intermediate South	Beachwood Elementary	Cedar Grove Elementary	East Dover Elementary	Hooper Elementary	Citta Elementary	North Dover Elementary	Pine Beach Elementary	Silver Bay Elementary	South Toms River Elementary	Wainut Street Elementary	Washington Street Elementary	West Dover Elementary	1144 Hooper Avenue	Central Registration	Bennett Athletic Complex	Maintenance & Grounds	Transportation/Vehicle Maintenance	District Fields
		ECM #	ECM DESCRIPTION																						
1	LED Lighting Replacement	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	District Wide Energy Management System	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Retro-Commissioning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Boiler Replacement	✓		✓		✓		✓		✓								✓	✓	✓					
5	Chiller Replacement		✓			✓							✓						✓						
6	Steam to Hot Water Conversion			✓																					
7	Roof Top Unit Replacement		✓	✓	✓	✓		✓					✓												
8	Air Handling Unit Replacement					✓			✓						✓										
9	Heat Pump Replacement			✓																					
10	Unit Ventilator Replacement				✓	✓			✓	✓	✓			✓	✓			✓	✓	✓	✓				
11	Combined Heat and Power	✓	✓	✓																					

- ✓ Indicates that the ECM was evaluated and included in the project
- ✗ Indicates that the ECM was evaluated and NOT included in the project