



ENERGY CONSERVATION PLAN

OVERVIEW

In **2015-16**, the district will continue the district-wide, comprehensive **Energy Conservation Campaign** for our buildings, in order to control energy usage in response to the pressure of increased rates on the district budget. When the cost of utilities rises, it means that less money is available in the Operating Budget to pursue the other important services in our educational plan, but energy usage can be controlled and resources conserved as a result.

Our overarching goal is mobilize everyone comprising the Bridgeport team --- administrators/supervisors, principals, assistant principals, teachers, paraprofessionals, facilities staff, nutrition staff and all school employees - to help to improve energy efficiency through changes in operating practices. The expected outcomes are sustainable reductions in energy costs.

In **2015-16**, the projected cost for utilities -- electricity, water, gas, sewer -- is over \$7M. The objective to be attained is a reduction in usage of **at least 5%**, amounting to approximately **\$350,000**, without any impact on educational services.

By committing to implement energy efficiency measures in a unified way, we can expect to attain the 2015-16 objective and sustain controlled usage over the long term. To this end, the district's Action Plan incorporates focused measures to build capacity, a communication plan to raise awareness, monitoring of progress, and recognition of achievements. Recognition of success in reaching energy usage goals will serve to sustain momentum and support for energy efficiency activities.

OUR GOAL

In **2015-16**, the objective is a reduction in annual usage of **at least 5%**, approximately **\$350,000**, without any impact on educational services.

In Our Plan

- Operating Practices
- SMART-EE Teams
- School Energy Tracker
- Evaluation of Progress
- Recognition

SHARE

Please share this information with your staffs, students, and families, as we reinforce our collective commitment to the Energy Conservation Campaign in the new school year.

THANK YOU!

Thank you for all your efforts!

ACTION PLAN

(1) Operating Practices in Buildings

- There are proven best practices, which if followed, are certain to reduce energy usage without affecting school operations.
- In particular, turn off all unnecessary lighting whenever possible, whenever safe; upon leaving the room, turn off lights. Turn OFF Smartboard Projectors when not in use. Turn OFF computers when you are done for the day.
- Posters, listing proven operating practices, will be distributed and positioned in rooms by the custodial team at each building.

(2) School-based Energy Conservation Team and Actions --- SMART-EE [School Mobilization to Achieve Reachable Targets - Energy Efficiency]

- In each school, in August/September, the custodian will meet with the principal and other staff, as designated by the principal, to form the SMART-EE Team.
- Working together, the team will design and implement strategic actions to conserve energy usage within the building.

(3) Energy Usage by Building = "School Energy Tracker"

- The Facilities Department will produce the district-wide "Energy Tracker" to monitor energy usage by school and month.
- For each school, monthly target benchmark goals will be established, representing a 5% reduction from the projected usage (based on the 2014-15 data).
- The charts will include the actual usage and associated cost of that usage, compared to the target goal.
- The "Energy Tracker" will posted to the BPS web site each month.

(4) Evaluation of Progress

- On a bi-monthly basis, the district Finance/Facilities team will examine the school by school usage for each month and the cumulative period to date.
- The effectiveness of the strategies implemented to reduce energy costs will be assessed, on the basis of whether or not a school met its target goal.
- In cases of not meeting the goal, the Facilities team will schedule a meeting with the principal and custodian, at the school, to discuss the causes and potential solutions, and agree upon a viable action plan to reach the goal moving forward.

(5) Recognition of Achievement

- Twice in the school year, the Facilities Department will identify the three schools that have demonstrated the highest percentage reduction in energy usage (>=5%) to date.
- Rewards will be arranged by the Facilities Department; e.g., Mayor's Box – Bluefish Game; Skybox tickets – Sound Tigers Hockey.