

**Parkland School District  
Continuous Energy Improvement (CEI) Scope  
Schnecksville Elementary  
Phase III - June 1, 2016 through May 31, 2017**

The Parkland School District (PSD) in Allentown, Pennsylvania has been provided an opportunity to work in conjunction with PPL electric Utilities and Strategic Energy Group (SEG) to participate in a Continuous Energy Improvement (CEI) Program. Designed to possibly save PSD as much as 5% to 15% of the district's annual electrical energy usage and piloted at Orefield Middle School last year, Schnecksville Elementary (SV) will be utilizing similar procedures and methodologies to support the new "Parkland Culture" of energy conservation. We have set our program goal at 2 % for the first year of our program.

To achieve our goal, we will be relying on the PSD Energy Team, our own SV Green Team, and SEG's experience and recommendations for improving our energy efficiency. Our focus at SV will not only be to decrease our energy usage here at school, but to also educate students and their families of energy saving habits and practices they may try at home to conserve energy. We will strive to change and improve our behavioral culture increasing staff and student awareness. We will track and analyze available data for SV electrical consumption to ascertain the effect of our changed behaviors on electrical usage.

For this CEI program to be successful in the Parkland School District, leadership and commitment is required. Toward that end, the positions of Energy Sponsor, Energy Champion, and Green Team have been established. Meetings will be routinely held. Presentations and discussions with our entire staff will occur to keep them updated and informed as to what we are doing, why we are doing it, and the degree to which we are being successful.

Approved: \_\_\_\_\_  
(CEI Sponsor)

Date:\_\_\_\_\_

Approved: \_\_\_\_\_  
(Energy Champion)

Date:\_\_\_\_\_

**Comprehensive Plan**  
**CONTINUOUS ENERGY IMPROVEMENT STRATEGY**  
**2016 - 2017: CEI Year #3**

**PURPOSE**

While the Parkland School District has always been proactive relative to the efficient use of energy, beginning in March of 2014 a new philosophy and game plan was implemented. While the main thrust of this initiative was energy conservation and the associated dollar savings that naturally ensued, we also committed to conservation in all areas of the district. We committed to the ongoing education of both our students and staff toward that end. The general, overall and overriding goal of this initiative was to then, and is now, to ensure the school district is being the best possible steward of our environment.

**AUTHORITY**

The initial phase of this renewed initiative was a Continuous Energy Improvement Program sponsored by PPL and implemented by the Strategic Energy Group (SEG). The Superintendent of schools was designated as the Energy Sponsor and ultimately directs all efforts in this area. During the first two years of the program (2014-2016) an Energy Champion was designated to oversee the creation and implementation of the program. This same basic organizational structure continues into year three of the program, even though the financial/logistical support of PPL/SEG has expired. Because of the program's proven value, Parkland has committed to perpetuate CEI using its own resources.

**DELEGATION OF RESPONSIBILITY**

To implement and continue this program, an Energy Team of two components was established. The Core Team is composed of the Superintendent, Assistant Superintendent, Assistant to the Superintendent for Operations, the Director of School Services, the pilot building Principal, and the district Energy Champion. This Core Team is supplemented with individual school Energy Teams which are comprised of teachers, custodians, cafeteria workers, school building principals, as well as parents and students. These Energy Teams will work to promote

continuous energy improvement within each school as well as continuously evaluate all aspects of the school operations, identify weak spots and recommend remedial action(s).

## **GUIDELINES**

Each building energy Team will meet monthly with their building Principal, Director of School Services, district Energy Champion along with the School Energy Champion.

## **OBJECTIVES**

The Continuous Energy Improvement Program will continue to focus primarily on two areas: mechanical/operational and behavioral/cultural.

**Mechanical/Operational** - ensure that when purchasing new and /or replacement equipment we evaluate the life cycle cost of the equipment, taking into consideration not only the purchase price, but also the cost of energy and anticipated maintenance. Also, a top priority will be to evaluate the effective operation of all equipment and systems, including but not limited to, proper settings, schedules and all "nuts and bolts" adherence to specifications.

**Behavioral/Cultural** - ensure that all students and staff members are utilizing best practices relative to energy conservation, recycling, and other "green" conservation initiatives as well. Ongoing training is a hallmark of this process and will become incorporated in classroom work, in-services, etc.

Reports will be given quarterly to the Core Team and to the Board of School Directors to document progress, promote awareness, and trumped successes within the district.

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The Parkland School District (PSD) in Allentown, Pennsylvania has been provided an opportunity to work in conjunction with PPL electric Utilities and ClearResult to participate in a Continuous Energy Improvement (CEI) Program. Designed to possibly save PSD as much as 5% to 15% of the district's annual electrical energy usage and piloted at Orefield Middle School last year, Schnecksville Elementary (SV) will be utilizing similar procedures and methodologies to support the new "Parkland Culture" of energy conservation. We have set our program goal at 2 % for the second year of our program.

To achieve our goal, we will be relying on the PSD Energy Team, our own SV Green Team, and ClearResults' experience and recommendations for improving our energy efficiency. Our focus at SV will not only be to decrease our energy usage here at school, but to also educate students and their families of energy saving habits and practices they may try at home to conserve energy. We will strive to change and improve our behavioral culture increasing staff and student awareness. We will track and analyze available data for SV electrical consumption to ascertain the effect of our changed behaviors on electrical usage.

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Approved:   
(Parkland CEI Sponsor)

Date: 1-25-17

Approved:   
( Parkland Energy Champion)

Date: 1-24-17

Approved:   
(Schnecksville Energy Champion)

Date: 1/24/17