

Draft Energy Management Plan

Energy Management Plan Outline and Draft _____ Public Schools

SUBJECT: Energy Management Plan (DRAFT)

1. Purpose

The purpose of this plan is to implement the _____ Schools board energy policy to reduce energy consumption in the district school and improve the learning and teaching environment for our students and teachers. This implementation will guide the operations of the school district to achieve the highest standards in energy/water use, environmental and economic performance.

2. Goals and Objectives

- **Goals of this plan** are:
 - a. To reduce energy consumption in each school facility by at least (____)% at the end of the 200a-201z school year and maintain the achieved level of consumption for five years after obtained. Baseline to be established at the 200a-200b school year.
 - b. Establish an energy awareness training program and maintain it for all _____ School employees through periodic training
 - c. Obtain and make available energy education materials for all teachers for incorporation into their subject matter
- Objectives to achieve energy reduction Goal:
 - a. Achieve at least a (____)% reduction in energy consumption from the established baseline in at least (____)% of the schools by the end of the 200c-200d school year
 - b. Achieve at least a (____)% reduction in energy consumption from the established baseline in at least (____)% of the schools by the end of the 200d-200e school year
 - c. Achieve at least a (____)% reduction in energy consumption from the established baseline in at least (____)% of the schools by the end of the 200e-200f school year
 - d. Achieve at least a (____)% reduction in energy consumption from the established baseline in at least 100% of the schools by the end of the 200f-201x school year
 - e. Achieve at least a (____)% reduction in energy consumption from the established baseline in at least 25% of the districts schools by the end of the 200e-200f school year
 - f. Achieve at least a (____)% reduction in energy consumption from the established baseline in at least 50% of the districts schools by the end of the 200f-201x school year
 - g. Achieve at least a (____)% reduction in energy consumption from the established baseline in at least 75% of the districts schools by the end of the 201x-201y school year
 - h. Achieve at least a (____)% reduction in energy consumption from the established baseline in at least 100% of the districts schools by the end of the 201y-201z school year
- Objectives to achieve an energy awareness training program for Personnel:
 - a. Develop, test, and evaluate an energy awareness training program during 200a-200b school year
 - b. Implement to all _____PS employees during the 200b-200c School Year
- Objectives to achieve the classroom energy education element:
 - a. Identify and evaluation existing energy education materials using instructional personnel for the selection during the 200a-200b School Year
 - b. Request volunteers with at least three teachers at each grade level and each subject to use and evaluate the materials during the 200b-200c School Year
 - c. Achieve 50% usage in classrooms by the 201y-201z School year

3. Implementation

- Establish and fund an energy manager position and area energy coordinators(if needed)
- Establish and Energy Management Team of all segments of the school community – Required Members: Energy Manager or Individual Designated by the Superintendent; School Board Member; Central Office Administrator; Facility Manager/Director; with at least one from School Administrators, Administrative Assistants, Custodians, Bus Drivers, Students, Teacher Organization and one teacher from each level of school and students.
- Adopt a set of High Performance/Green Design guidelines for use in the design and construction of new and renovation of existing school facilities

Lorenz V. Schoff

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4. Checklists

- Develop checklists for all segments of the school community for use on daily energy conservation actions
 1. Classroom
 2. Outside Activities
- Develop checklists for special circumstances to control energy usage
 1. Holidays
 2. Summer
 3. Weather closings
 4. Athletic Activities

5. Energy Awareness Training and Education

- Develop Energy Awareness training programs to support stated objectives
 1. Administrators
 2. Instructional
 3. Support Personnel
 4. Community
- Obtain and Survey existing Energy Education Programs and select materials to achieve the stated objectives
 1. NEED – National Energy Education Development program
 2. NEF – National Energy Foundation
 3. ASE – Alliance to Save Energy

6. Energy Conservation Measures

As the results of energy audits and facility/systems inspections, develop an energy conservation measures project list in conjunction with the capital projects. Use energy conservation measures list provided from existing resources

7. Evaluation/Re-evaluation of Plan and Measurement of Success

- Develop a program to evaluate the success of the overall program and to measure the success of the EMP

8. Recognition

- Develop a program for recognition of success in the program both internally and externally
- The community should be informed on a continually basis of the energy management program that exists, what has been accomplished, by who and how they could take advantage of the action taken to reduce their own energy bills