



RENEW OUR SCHOOLS

# COMPETITION REPORT

Fall 2023

## WHO WE ARE

Resource Central is an award-winning environmental nonprofit in Boulder, Colorado, dedicated to helping people save water, reduce waste and conserve energy. Working in collaboration with more than 200 schools, our conservation programs have helped schools across the United States save more than 1,000,000 kwh of electricity. Since 1976, our Innovative programs have assisted more than 700,000 people save water, conserve energy, and reduce waste.

## OUR TEAM

Kate Larson, Program Director

Emily Drost, Program Manager

Krista Krisl, Program Coordinator

## PROGRAM OVERVIEW

**Renew Our Schools** is a powerful K-12 Energy Education program that gets students and staff in schools across the nation excited about responsible energy use. By engaging schools in friendly competition, we're able to support the next generation of energy innovators. Through simple progressive lesson plans and activities, students actively reduce energy costs in their schools as well as introduce better data for decision making to their administrators and district representatives. We empower the energy leaders of tomorrow with skills learned today.

# 29

Schools  
Enrolled



# 4

States



# 15,042

Students Impacted

# 524

 Energy Actions Completed

# 3.80%

Expected Energy  
Savings

# 24

Real Time Energy Monitors  
Being Analyzed



# 4.6

Teacher Reported  
Program Rating



# \$9,500

Prizes Awarded



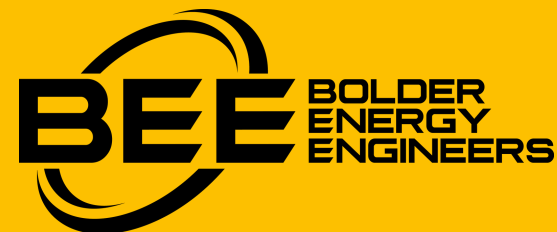
# OUR PARTNERS



Innovo Foundation



iconenergy



**focus on energy**<sup>®</sup>

Partnering with Wisconsin utilities



Wisconsin K-12 Energy Education Program (KEEP)  
College of Natural Resources  
**University of Wisconsin - Stevens Point**

# SCHOOL ENERGY ACTIONS

Weekly Energy Data Journal<sup>^</sup>

Set Goals<sup>^</sup>

Understanding your eGauge Energy Monitor<sup>\*</sup>

Kill-a-Watt

Create a Team<sup>^\*</sup>

Using a Light Meter

Energy Consumption in Your State

Homeroom Competition

Energy Savings Hour

Signs/Posters/Light Switch Covers<sup>\*</sup>

Daily Announcements

Students as Teachers

Energy Savings Weekend

Reflection <sup>^</sup>

School Energy Policy

Staff Meeting Presentation

Assembly - eGauge demonstration<sup>\*</sup>

Energy Source Tour

Engage an Energy Expert

School Audit<sup>^</sup>

eGauge demonstration<sup>\*</sup>

Energy Action Plan<sup>^</sup>

WI Only: Focus on Energy Energy Packs

WI Only: National Theatre for Children Performance

WI Only: KEEP the Energy Conservation Going at Home

WI Only: KEEP the Energy Education Going

\*Most Completed Actions

<sup>^</sup>Required Actions

# Colorado School Districts

Boulder Valley

Colorado Springs - District 11

Delta County - 50J

Jefferson County

St. Vrain Valley

Douglas County

# Participating Districts



## COMPETITORS

### Alumni Star Schools

Delta Middle School  
Lone Tree Elementary  
Rock Canyon High School  
Casey Middle School  
Rocky Mountain Elementary  
Green Mountain High School  
STEM Launch

### New Star Schools

Summit View Elementary  
Eisenhower Elementary  
Sand Creek Elementary  
Cimarron Middle School  
Highlands Ranch High School

### New Spark Schools

Peak to Peak Charter  
Northridge Elementary  
Hulstrum K-8

**15** Schools Enrolled



**10,326**  
Students Impacted

**206** Energy Actions Completed

**3.75%**

Average Energy Savings

**14** Real Time Energy Monitors Being Analyzed



**4.8** Teacher Reported Program Rating

**\$2,700**  
Prizes Awarded



“The fact that you can isolate energy use data down to a day, hour, or weekend really lets kids explore the energy use during a certain event or time frame at school. They all know when there are sporting events that keep them at school until late so they seem interested in comparing those times to nights when there isn't anything going on.

The eGauge gives us real time data so kids can see if their energy efforts are working. It is real obvious during our 1 minute blackouts that our energy consumption is going down.

“Science Inquiry - Employ simple equipment and tools to gather data. Use appropriate mathematics with data to construct reasonable explanations. Communicate about observations, investigations and explanations. Engineering and Technology - ask questions, make observations, and gather information.”



# Wisconsin School Districts

Mauston  
Mount Horeb  
Evansville

Jefferson  
Parkview  
Sun Prairie

Sun Prairie  
Oconomowoc  
Oshkosh - Private

Kronenwater - Private

## Participating Districts



## COMPETITORS

### New Star Schools

Mauston High School  
Mount Horeb High School  
Evansville High School  
Jefferson High School  
Parkview Jr/Sr High School  
Mount Horeb Middle School  
Sun Prairie East High School  
Sun Prairie West High School

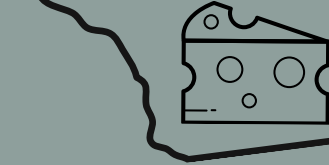
### Alumni Star Schools

Oconomowoc High School  
Lourdes Academy Elementary  
Northland Lutheran High School

# 11

Schools Enrolled

# Wisconsin



# 7,493

Students Impacted

# 206

 Energy Actions Completed

# 3.6%

Average Energy Savings

# 11

Real Time Energy Monitors Being Analyzed



# 4.8

Teacher Reported Program Rating



# \$6,500

Prizes Awarded

# TEACHER

“Students enjoyed researching and then teaching to other classrooms. They learned the most from these mini-sessions.

“Students got competitive and began finding their own ways to conserve energy.”

This really involved the whole school in thinking about energy use and reduction.





RESOURCE  
central

CONSERVATION MADE EASY