

BUILDING A GREEN DISTRICT  
RIO RANCHO PUBLIC SCHOOLS  
RIO RANCHO, NEW MEXICO

A JOURNEY TO THE GREEN SIDE  
CONTINUOUS EFFORTS TO CHANGE A DISTRICT

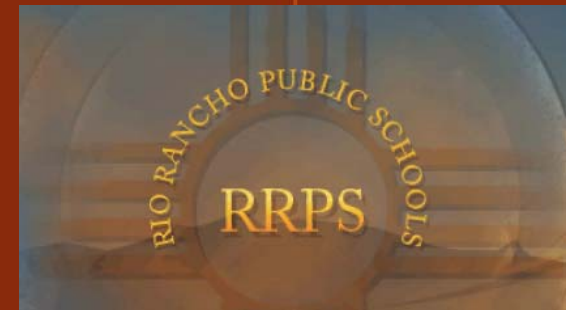
Alfred R. Sena  
Executive Director  
RRPS Facilities Department



Albuquerque, New Mexico  
2015.05.15

# QUICK OVERVIEW

- ~ 2007 RRPS takes the 1<sup>st</sup> steps
- ~ 2008 LEED/Energy<sup>3</sup> Program
- ~ 2009 Opening Schools
- ~ 2010 Maintenance
- ~ 2011 Solar
- ~ 2012 Energy Plan
- ~ 2013 Water Conservation
- ~ 2014 Sustainability Plan
- ~ 2015 Hydro-Pump Energy - LANL



# 1<sup>st</sup> Steps – Low Hanging Fruit?

WHY?

WHO?

HOW?

EXPECTATIONS?

COST?



# GROWING GREEN

## Measures

RRPS has established a GreenClean program for school and district facilities.

The plan provides alternate cleaning techniques while minimizing the number of cleaning products.

The cleaning system, certified for Indoor Air Quality via the use of GREENGUARD Certified cleaning products from Johnson Diversey.



Rio Rancho Public Schools  
Facilities Department

January 1, 2007

### GREEN BUILDING CLEANING PLAN

It will be the policy of the **Rio Rancho Public Schools Facilities Department** to practice Green Cleaning in buildings managed by the division. The goal of the Green Building Cleaning Plan is to reduce exposure of building occupants and maintenance and custodial personnel to potentially hazardous chemical, biological and particle contaminants, which adversely impact air quality, health, building finishes, building systems, and the environment and to reduce the environmental impacts of cleaning products, disposable janitorial paper products and trash bags.

#### Applicability:

Adoption of this plan shall include all properties, owned, managed, occupied and maintained by the **Facilities Department of the Rio Rancho Public School District**.

A copy of this plan will be posted at all properties covered by this plan.

#### Implementation:

Upon implementation of this plan, the Implementing Department shall move to comply with this plan. Equipment will be phased out and replaced as appropriate in order to comply with this plan. For any building, seeking LEED certification, all products and materials and cleaning equipment will be provided that complies with this plan.

#### Introduction:

The United States Environmental Protection Agency (EPA) states that proper sanitation and cleaning are important for a healthy building environment. Some cleaning products, however, can contain harmful chemicals that contaminate the environment and endanger human health. Implementing "green cleaning" practices can reduce these health, safety, and environmental risks. Green cleaning involves selecting alternative products, using those products properly, and taking other steps to reduce risks while maintaining a satisfactory level of cleanliness and disinfection.

#### Use of Sustainable Cleaning Products and Materials:

Implement sustainable purchasing for cleaning materials and products, disposable janitorial paper products and trash bags. Cleaning product and material purchases include building purchases for use by in house staff or used by outsource service providers.

The goal is that ALL products purchased must meet the following requirements:

1. Cleaning products that meet the Green Seal GS-37 standard if applicable or if GS-37 is not applicable use products that comply with the California Code of Regulations maximum allowable Volatile Organic Compound (VOC) levels.
  - a. Acceptable VOC levels must be stated as a percent of VOC by weight at the minimum recommended dilution and at the concentrate level. The dilution at which the %VOC content was calculated must be submitted (i.e. at 50% dilution, %VOC was 5%, at concentrate, %VOC was 8%). Note: For a product to be accepted, VOC levels must be reported in units of %, not in grams per liter.

Rio Rancho Public Schools Green Building Cleaning



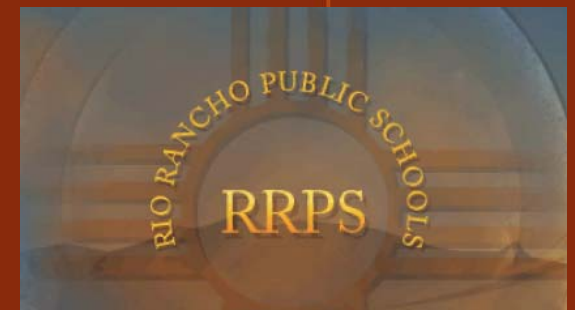


# GROWING GREEN

## Measures

RRPS is deployed a district wide **IAQ Program** for the evaluation of each school site. The school staff nurse and the Facilities Department partnered to collect data and implement solutions to address IAQ items timely and effectively.

This program will be recurring each school year to assure the learning and working environments do not hinder student performance.



LEED – NC

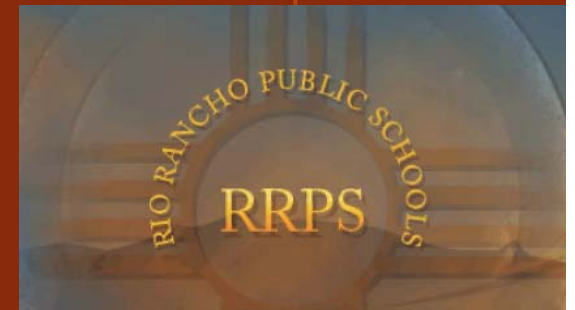
WHY?

WHO?

HOW?

EXPECTATIONS?

COST?



# RRPS 1<sup>st</sup> LEED Schools Spotlight

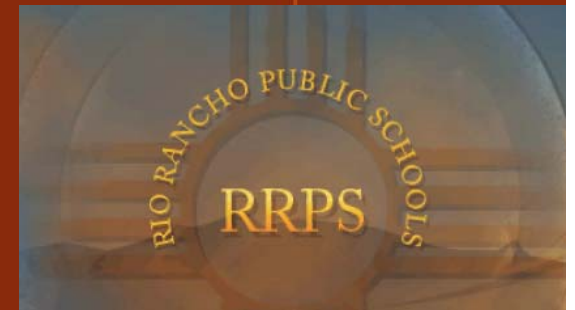
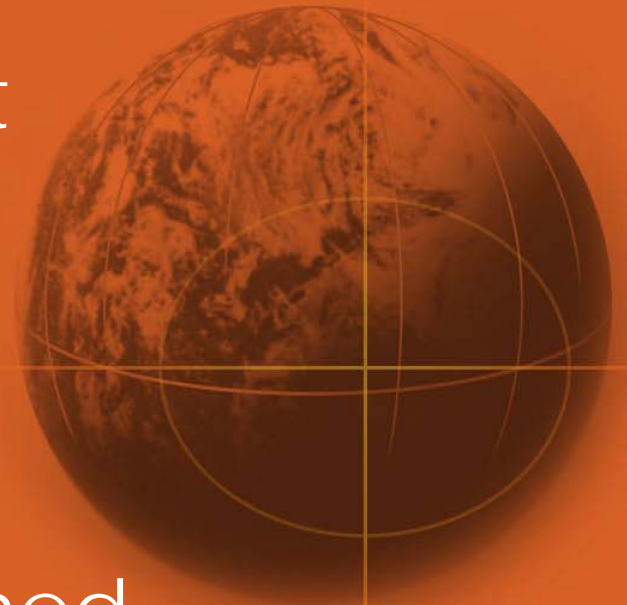
V. Sue Cleveland High School

Sandia Vista Elementary

Cielo Azul Elementary

Joe Harris Elementary – Designed

LEED For Schools



# LEED – NC

The prototype approach used for the 1<sup>st</sup> two projects, completed in 2005, in order to reduce cost of design and construction schedule.

These projects did not seek LEED certification.





# LEED – NC

Prototypes for projects 3 & 4 modified slightly & have been designed to demonstrate high performance characteristics of the two buildings. The projects sought Silver ratings LEED NC and received Silver and Gold.



# LEED – NC

The prototype: 1 & 2

73,234 Sq. Ft

76,134 Sq. Ft (C.O)

Grades K-5

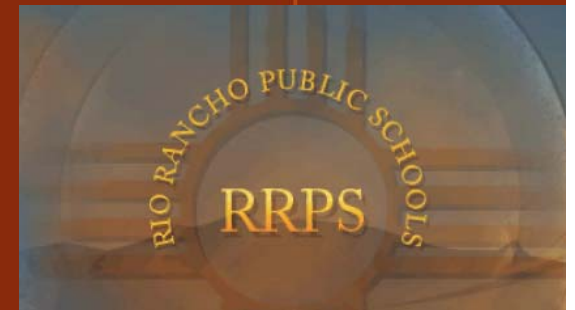
Design Capacity 800

Prototype 1

Cost: \$144.41/Sq. Ft

Prototype 2

Cost: \$151.22/Sq. Ft - 2009



# LEED – NC

The prototype: 1 & 2  
73,234 Sq. Ft  
76,134 Sq. Ft (C.O)  
Grades K-5  
Design Capacity 800

Prototype 1  
Cost: \$144.41/Sq. Ft  
Prototype 2  
Cost: \$151.22/Sq. Ft - 2009





# LEED – NC

The prototype: 1 & 2  
73,234 Sq. Ft  
76,134 Sq. Ft (C.O)  
Grades K-5  
Design Capacity 800

Prototype 1  
Cost: \$144.41/Sq. Ft  
Prototype 2  
Cost: \$151.22/Sq. Ft - 2009



*This independent study is the first apples-to-apples construction cost analysis that demonstrates that green schools are well worth the investment. Dekker/Perich/Sabatini adapted a previously built prototype school design for Rio Rancho Public Schools to pursue LEED Silver certification.*

## FEATURES OF THE NEW GREEN-ADAPTED SCHOOLS:

- Increased insulation (R-24 walls, R-38 roof)
- Efficient low-e glazing
- High-efficiency mechanical units
- Waterless urinals, dual-flush toilets, faucet restrictors
- Low-emitting, recycled, and regional materials
- Projecting 30% energy savings and 50% indoor water savings

**THE STUDY'S CONCLUSION: 1.3% ADDED COST, 2 YEAR ESTIMATED PAYBACK.**





LEED – NC

V. Sue Cleveland

Finalist CEFPI

James D. MacConnell

Award

LEED Silver



cefpi  
where great schools begin

RIO RANCHO PUBLIC SCHOOLS  
RRPS

# Energy<sup>3</sup> Project

WHY?

WHO?

HOW?

EXPECTATIONS?

COST?



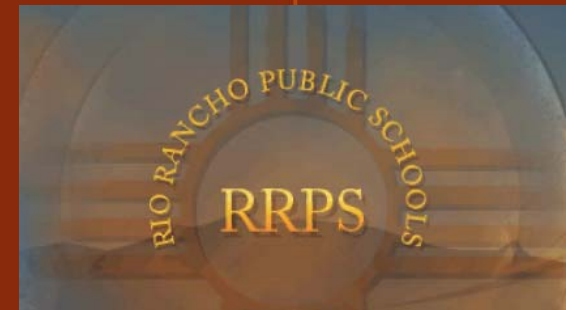


# Energy<sup>3</sup> Project

Education  
Energy  
Environment



cefpi  
where great schools begin



# Energy<sup>3</sup> Project

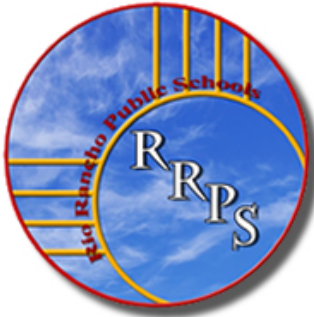
Education  
Energy  
Environment





# Energy<sup>3</sup> Project

## ***Energy Efficiency Awareness Week*** ***Jan. 13 - 20, 2014***



CARBON



NUCLEAR



WIND



SOLAR



ENERGY  
EFFICIENCY



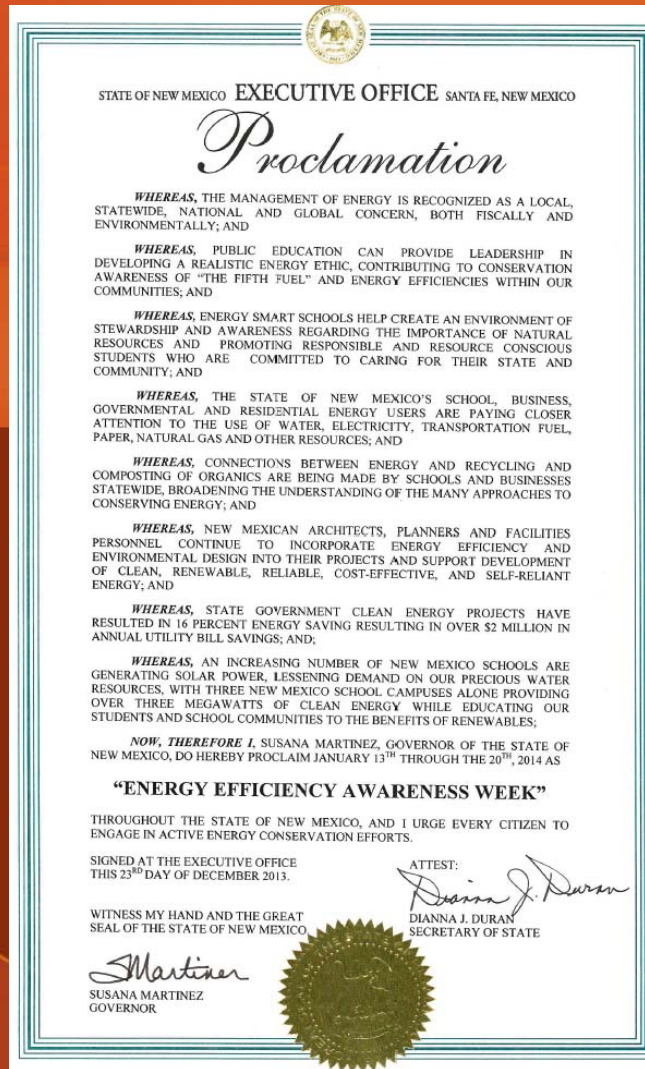
**ENERGY EFFICIENCY - "THE FIFTH FUEL"**

***Use Energy Wisely Every Day, Every Way***

**cefpi**  
where great schools begin

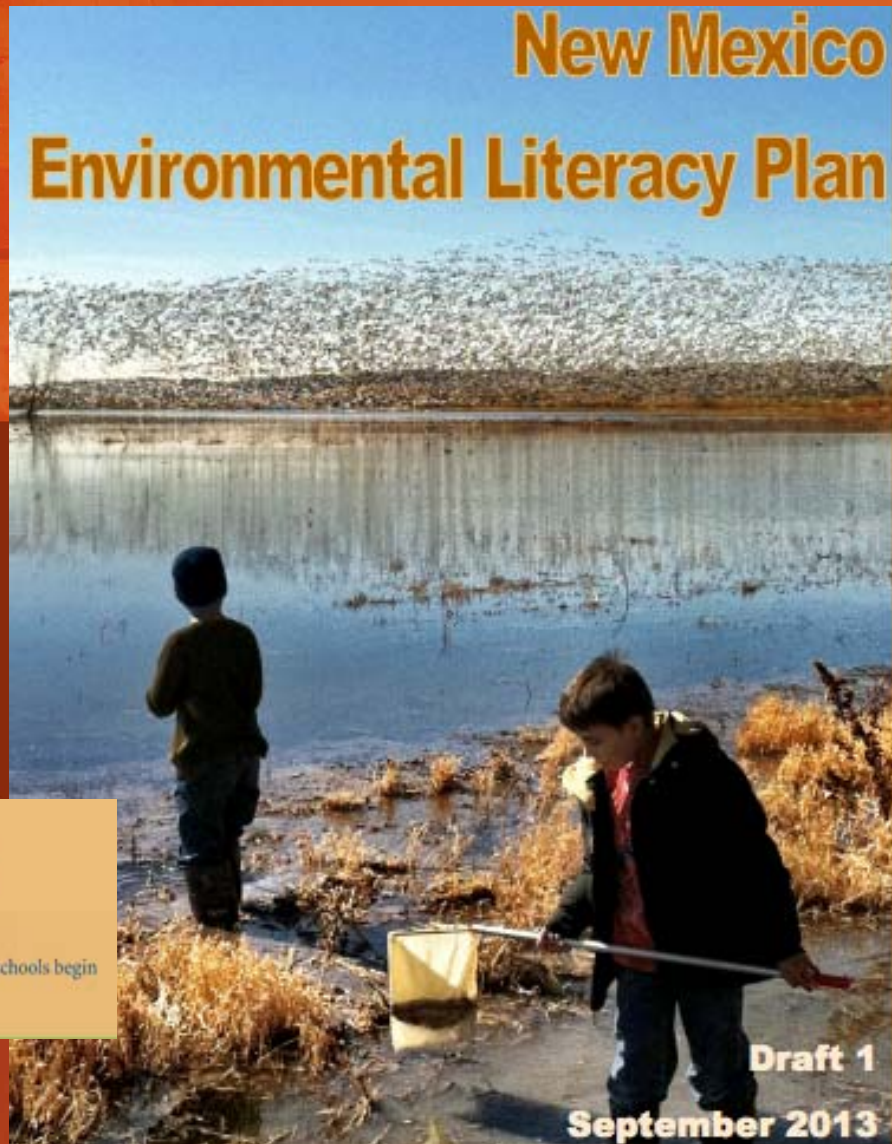
RIO RANCHO PUBLIC SCHOOLS  
**RRPS**

# Energy<sup>3</sup> Project

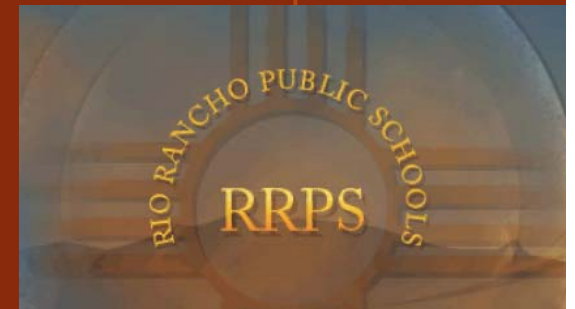




# Energy<sup>3</sup> Project



**cefpi**  
where great schools begin



# Maintenance

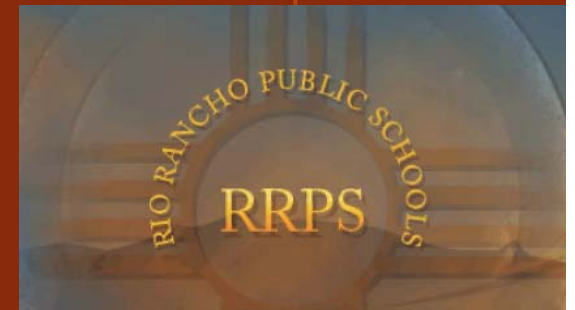
WHY?

WHO?

HOW?

EXPECTATIONS?

COST?



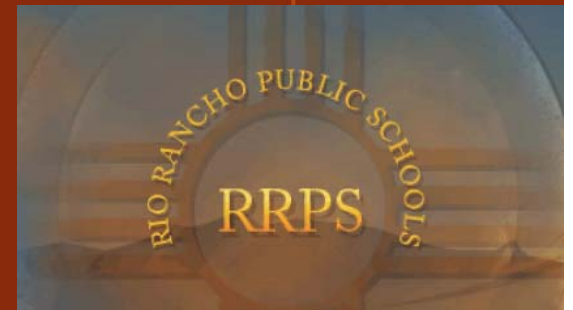


# Maintenance

RRPS is evaluating how it's maintenance program can be modified to holistically become more environmentally friendly.

Methods and processes with vendors and suppliers to assure the district's goal of becoming completely green are being established.

An ENERGY PLAN that will touch each student, teacher, and staff member and increase environment awareness and responsibility is also being developed.



**Rio Rancho HS Performing Arts Center Lighting Upgrades -  
Energy Savings Calculations**

Existing House Lights (Auditorium)			
Type/Description	Power Use Each (Watts)	Qty.	Power Use Subtotal (Watts)
T4 Quartz Down Lights	150	36	5400
New House Lights (Auditorium)			
Type/Description	Power Use Each (Watts)	Qty.	Power Use Subtotal (Watts)
6" LED Down Lights 4500 lumens	73	36	2628
Section Total Power Savings (Watts):			<b>2772</b>

Existing Under Mezzanine Lights (Auditorium)			
Type/Description	Power Use Each (Watts)	Qty.	Power Use Subtotal (Watts)
MR16 Halogen Can Lights	75	13	975
Re-lamped Under Mezzanine Lights (Auditorium)			
Type/Description	Power Use Each (Watts)	Qty.	Power Use Subtotal (Watts)
MR16 LED Can Lights 600 lumens	11.5	13	149.5
Section Total Power Savings (Watts):			<b>825.5</b>
Pursue the \$12 each lamp credit since only the lamp was changed to LED $\$12 \times \text{Qty} = \text{Section Total Credit (\$):}$			
			<b>156</b>

Stage Work Lights			
Type/Description	Power Savings Each (Watts)	Qty.	Power Savings Subtotal (Watts)
Energy Savings for Change to LED from Fluorescent	70	17	1190
Storage Rooms Lights			
Type/Description	Power Savings Each (Watts)	Qty.	Power Savings Subtotal (Watts)
Energy Savings for Change to LED from Fluorescent	70	14	980
Section Total Power Savings (Watts):			<b>2170</b>

Existing Cyc Lights			
Type/Description	Power Use Each (Watts)	Qty.	Power Use Subtotal (Watts)
Incandescent Cyc Lights - (12) x 300W Type A23 Lamps Each	3600	5	18000
New Cyc Lights			
Type/Description	Power Use Each (Watts)	Qty.	Power Use Subtotal (Watts)
63" LED Cyc Lights	750	5	3750
Section Total Power Savings (Watts):			<b>14250</b>

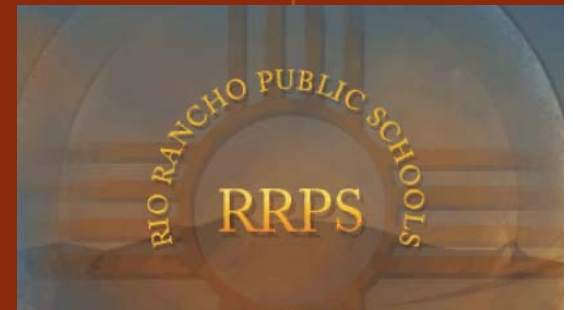
Power Savings Summary	
Total Power Savings From Re-Lamping Can Lights (Watts):	825.5
Total Power Savings Only From Replaced Fixtures (Watts):	19192
Overall Power Savings From All Sources (Watts):	20017.5



# PERFORMANCE ARTS CENTER LIGHTING UPGRADE

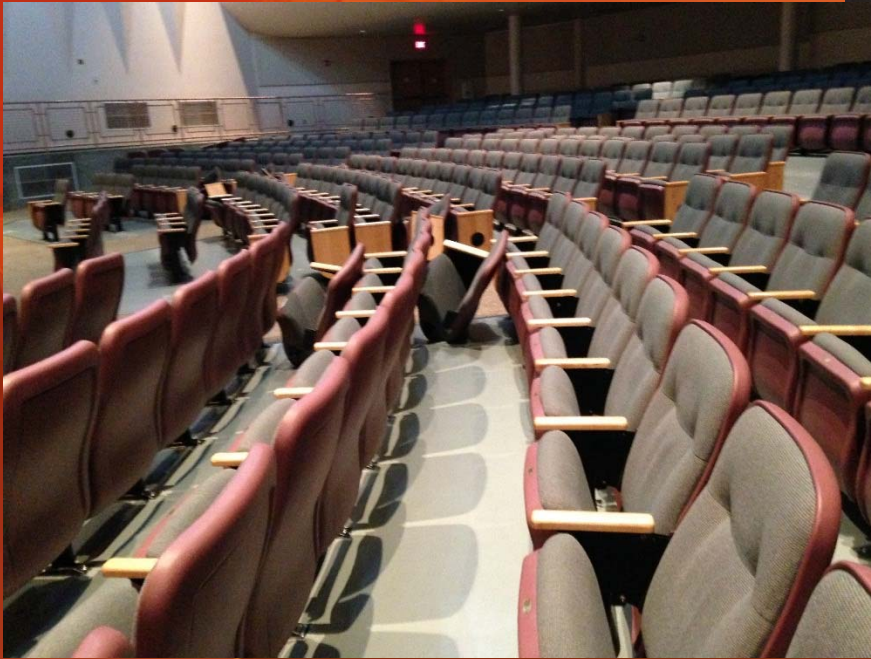


cefpi  
where great schools begin





# PERFORMANCE ARTS CENTER LIGHTING UPGRADE



cefp*i*  
where great schools begin

# PERFORMANCE ARTS CENTER LIGHTING UPGRADE



cefpi  
where great schools begin

RIO RANCHO PUBLIC SCHOOLS  
RRPS



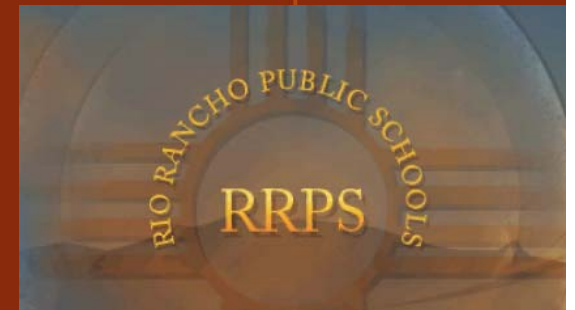
# Maintenance



**PNM Peak Saver  
Rio Rancho Public Schools**

*November, 2009*

© 2008 EnerNOC Inc.  
ALL RIGHTS RESERVED. STRICTLY CONFIDENTIAL.  
PERMISSION REQUIRED FOR DISTRIBUTION





# Maintenance

Rio Rancho Public Schools  
Rio Rancho, NM



## Demand Response Financial Analysis

Revenue	1000kW
---------	--------

RRPS Facilities under proposal	13
Expected demand response curtailment capacity (kW)	1,000
Monthly Potential Capacity Value	\$7,876
Annual Capacity payment to RRPS*	\$31,502
Estimated annual demand response event hours	30
Estimated annual energy payments to Rio Rancho Public Schools	\$4,500
<b>Estimated annual payments to RRPS</b>	<b>\$36,002</b>
Term of agreement (Years)	7
<b>Expected contract payments to RRPS**</b>	<b>\$252,016</b>

Cost
------

Total EnerNOC Site Servers (ESS) Required	13
Cost per ESS Installation	\$3,000
Additional Installation Costs	\$26,000
Total ESS installed cost for facilities under proposal	\$65,000
Anticipated utility reimbursement	
EnerNOC contribution to EnerNOC Site Server Installation	\$65,000
<b>RRPS's total cash cost</b>	<b>\$0</b>

### Additional FREE Benefits Include:

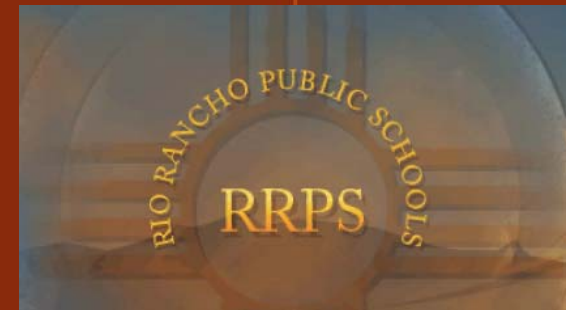
- ✓ Online monitoring and presentation of real-time energy data with PowerTrak™
- ✓ Advance notice of reliability events such as blackouts and brownouts
- ✓ EnerNOC energy expertise

\*Quoted payment is valid for 30 days

\*\* Assuming customer performs as promised in all events



# Maintenance





Solar

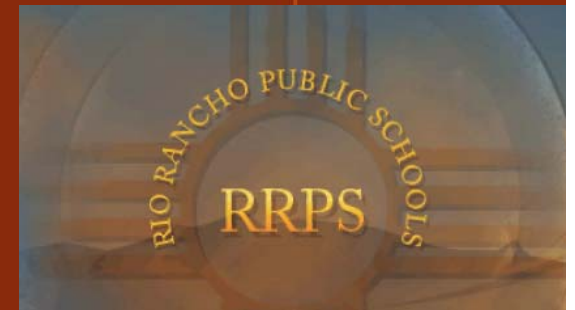
WHY?

WHO?

HOW?

EXPECTATIONS?

COST?

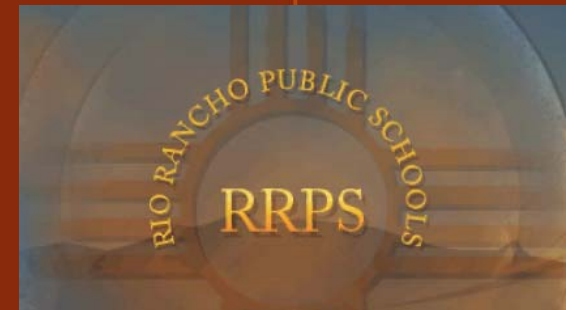




# Solar

## PHOTOVOLTAIC ARRAY PHASE 1

In the spring of 2010 the State of New Mexico through ENMRD announced a program called "Solar for Schools" which was funded by the Federal Government through the ARRA of 2009 funds and REC's via PNM.



# Solar

## PHOTOVOLTAIC ARRAY PHASE 1

RRPS applied for a grant and was awarded \$300,000 to construct and operate a 50kwh array to be built on RRHS campus. There were several other school districts that also participated in the program.





# Solar

## PHOTOVOLTAIC ARRAY PHASE 1

### Ground Breaking



cefpi  
where great schools begin

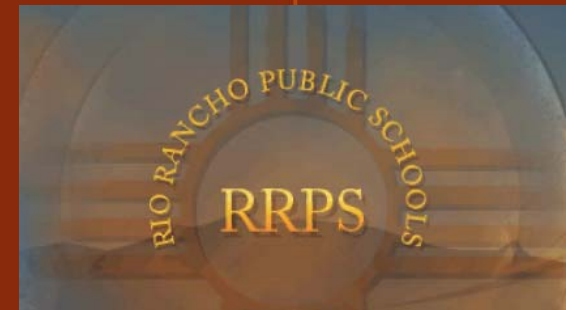
RIO RANCHO PUBLIC SCHOOLS  
RRPS



Solar

## PHOTOVOLTAIC ARRAY PHASE 1

RRHS students were a key component to obtaining the grant as alternative energy education was and is an area the district and the school desired to engage students to the possible future career paths.







# Solar

## PHOTOVOLTAIC ARRAY PHASE 2

After success with the 50kwh array the district decided to issue an RFP for a larger system that would provide the district with greater savings. In June 2011 the department sought the Board's approval to enter into a PPA or Power Purchase Agreement which would again take advantage of PNM REC program.





# Solar

## PHOTOVOLTAIC ARRAY PHASE 2

In November 2011 the RFP was issued. In December the selection was made to work with AM Solar.

The array was specified to provide as much as 2.5 MW of power at two sites combined. RRHS and VSCHS.



# Solar

The contract was negotiated over the next 10 months.

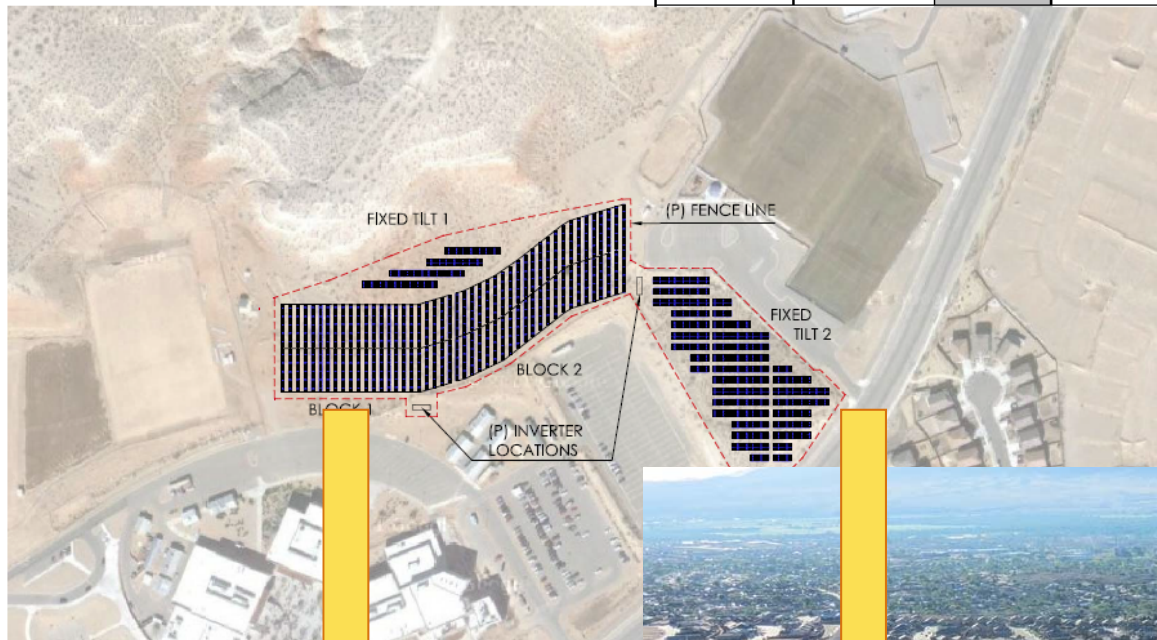
Things to consider were state requirements for the financing of the system as this was the 1<sup>st</sup> such PPA with a public school.





PV Module Data Table

Area	Total Modules	Module Capacity	kW Capacity (DC)	kW Capacity (AC - CEC) EST.	Azimuth (degrees)	Tilt (degrees)
BLOCK 1	1288	240 W	309.12	260.19	180	Tracker
BLOCK 2	1288	240 W	309.12	260.19	180	Tracker
FIXED TILT 1	336	285 W	95.76	80.60	180	30
FIXED TILT 2	1704	285 W	485.64	408.76	180	30
TOTALS	4616		1199.64	1009.74		





# Solar

## PHOTOVOLTAIC ARRAY PHASE 2

Projections for the array were to save the district approximately \$100,000 at each site. Based on the consumption levels and rate for kwh via PNM at the time of the agreement.



# Solar

## PHOTOVOLTAIC ARRAY PHASE 2

The duration of the contract is 20 years. The district has the opportunity to purchase and operate the facility in years 8, 12, and at the end of the agreement with prorated terms.



# PHOTOVOLTAIC ARRAY PHASE 2

## Solar panels energized at local high schools

Observer News Rio West

SHARE

Twitter 0  
Facebook 0  
Google + 0  
LinkedIn 0

Email this article

Print this article

By Mike Hartranft Managing Editor | Sun, Oct 20, 2013

A ribbon-cutting Wednesday formally marked completion of two 1,200-kilowatt solar arrays at Rio Rancho and Cleveland high schools.

Each array is ground-mounted and consists of more than 4,000 solar panels. The expected annual output of 4.65 million kilowatt hours will produce about 80 percent of the electricity needed to run the schools, saving the district about \$200,000 in electricity costs.

Together, the systems are expected to reduce greenhouse gas emissions equivalent to taking 632 cars off the road, according to Michael Fahey, commercial program manager for Washington Gas Energy Systems of Virginia.

"I understand this is the first public school district in the country to embark on a project of this size and magnitude," he said during remarks at the ribbon-cutting ceremony in front of the array on the north side of Rio Rancho High School.

Washington will own and operate the systems under a 20-year power purchase agreement with Rio Rancho Public Schools. The projects were developed by AMSOLAR and constructed by Conergy.

The school district did not have to put up capital or make an initial investment for the projects, district officials have said. Washington, which paid for construction and installation, own electricity generated by the panels. It will sell the power back to the district at a rate lower than what the district pays to PNM, from which the district will continue to buy needed power beyond what the arrays generate, the officials have said.

The district, at any point, could make an offer to buy the arrays, they have said.

Each project occupies about eight acres. The Cleveland array is on the east of that campus.

"I think what you're really doing is leading the way on what could happen in Rio Rancho if we start to collectively work on trying to use energy that's free," said Mayor Tom Swisstack, on hand for the ceremony.

RRPS Superintendent Sue Cleveland added, "We hope this will be a model for additional projects in the district, but also additional projects in the community and the state."



At right, foreground from left, RRPS facilities director Al Sena, school board members Carl Harper and Catherine Cullen, and Washington Gas Energy's Michael Fahey cut the ribbon near the RRPS array, above. (Rio Rancho Observer—MIKE HARTRANFT photo)

### SUGGESTED READING:



High schools to save by using solar arrays



RRPS sets the solar standard for a smaller



Sunny scenario for schools



Military Homes To Receive Solar Panels



### TODAY'S EJOURNAL RIO WEST



#### Read Rio West

• Also available as a mobile app

NOT A SUBSCRIBER?

• Subscribe now

-OR-

• Buy one day access through PayPal for \$6.99



### RIO WEST'S MOST READ

Apparent arsonist torches painted hay bale

Bladewerx breaks ground for new building in Rio Rancho

Storm, Rams enter 1-5A battles this week

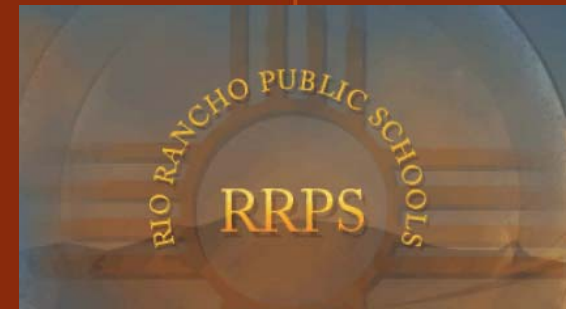
New plan for corner of Coors, Montano

NerdWallet: RR a top place for families



### FEATURED JOBS

CONN'S APPLIANCE













# Energy Plan

WHY?  
WHO?  
HOW?  
EXPECTATIONS?  
COST?



## Rio Rancho Public Schools Energy Plan May 13<sup>th</sup>, 2013

### Rio Rancho Public Schools: Efficiency Opportunity

10% Annual Energy Reduction  
for Facilities Benchmarked  
through the New Mexico Gas  
Company's SCORE<sup>SM</sup> Pilot  
Program =

- ✓ \$211,000 in annual energy cost savings
- ✓ Utility-paid cash incentives for implementing energy efficiency projects
- ✓ Improved usability / comfort in our offices classrooms, and other district buildings
- ✓ Conserve natural resources and help protect the water supply
- ✓ Environmental benefits equivalent to taking 320 passenger vehicles off the road each year
- ✓ Positive public relations in the community, including press releases and incentive check presentations for any projects completed in the SCORE Pilot Program
- ✓ Collaboration with local agencies, municipal, county and state governments
- ✓ Continual education of students, staff and families

### Our Mission

Energy costs are an enormous expense for our nation's schools; energy is the second largest operating expense for Rio Rancho Public Schools. In order to significantly reduce these costs and improve energy efficiency, Rio Rancho Public Schools are participating in the New Mexico Gas Company's SCORE<sup>SM</sup> Pilot Program. The no-cost program will assist in identifying energy efficiency opportunities in our school buildings, and help us to:

- ✓ *Improve Learning Environments*
- ✓ *Reduce Energy Expenditures*
- ✓ *Boost the Local Economy (through upgrade projects)*
- ✓ *Enhance Community Relations*

The program provides technical and financial assistance for efficiency upgrades. Whether we retrofit an existing building or incorporate energy-efficiency technologies into new construction, we will identify and implement cost-effective projects that will allow us to use energy more efficiently. In addition, the SCORE Pilot Program will help us form a long-term strategy to address rising energy costs. As part of our participation in the program, we have prepared this Energy Master Plan to outline where we are today and what steps we will undertake to improve the efficiency of our buildings in 2011 and beyond.

### Strategies for Improvement

- ✓ By adopting certain energy management best practices, we can mobilize and coordinate our efforts toward reducing energy costs
- ✓ By adhering to the listed efficiency strategies, we can minimize the life-cycle cost associated with our energy-consuming equipment

### Commitment

The Energy Plan is an adaptable, evolving document. It is a starting point for consensus and uniform action, which will ensure that all appropriate departments and parties are informed of and involved in our plans. Because it will adapt to changing needs and new information, it will never be "final" or concrete; however, approval of this plan will allow us to plan effectively and efficiently in terms of funding, personnel availability, and other restraints.



# Energy Plan



## Energy Planning Rio Rancho Public Schools Appendix

### Planning and Decision-Making

We strive to place more importance on our planning regarding new building design, energy reduction projects in existing buildings, and our daily operational activities that impact energy performance.

### Existing Strengths

- Our district has prioritized the need to improve energy efficiency and reduce costs
- Our administration, senior managers, and facilities staff view energy costs as a manageable/controllable expense
- Our school has a written energy policy or mission statement
- We have management support to identify and install energy efficiency-improvements quickly (if justified)
- We have identified the individual who is driving our energy efficiency efforts

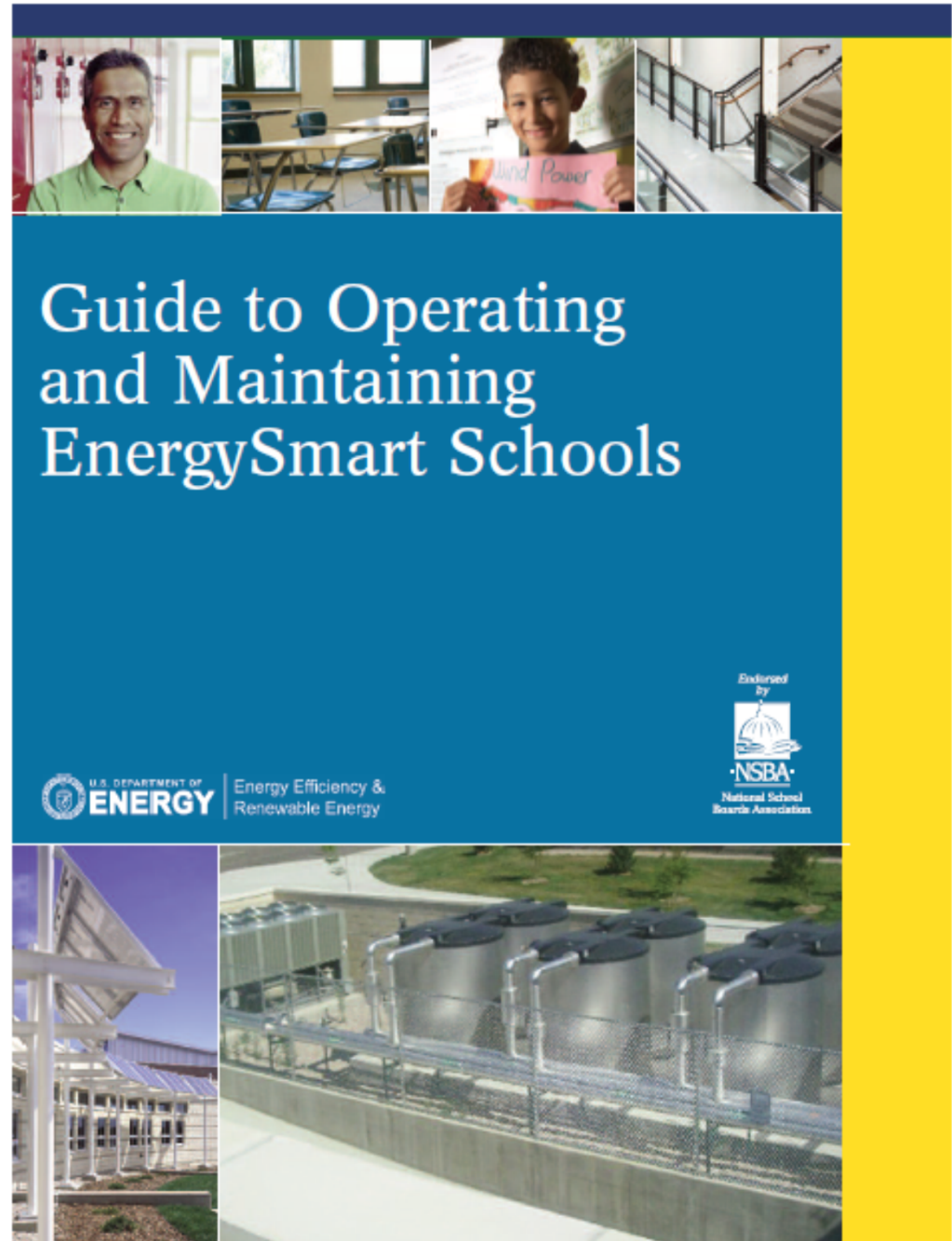
### Short-term Action Items

- Develop a written energy action plan for the next 1-5 years that includes performance goals, benchmarks, and other metrics regarding energy use and costs
- Request that an "Efficiencies in Operations" Board subcommittee be formed within FY 2013-2014 to regularly address Board concerns and to inform Board of advised best practices
- Debrief Energy/Environmental Specialist after USGBC Sustainability Leaders Summit in June 2013
- Maintain School Fusion Sustainability webpage: "The GreenLeaf"
- Seek targeted grants that "pay for themselves" by reducing costs

### Long-term Action Items

- Have a regular review of goals, plans, and successes to date compared to the plan
- Evaluate capital projects that have a return on investment of 2.5 to 20 years
- Test Adjust and Balance (TAB) seasonally to improve efficiencies of HVAC systems and the quality and comfort of the occupied environment

# Energy Plan



# Energy Plan



## New Mexico Gas Company ENERGY STAR® Furnace Program Rebate Application Form

*\*All questions are mandatory and must be completed in order for the application to be processed.*

New Mexico Gas Company Residential Customer Account Number (can be found on NMGC gas bill):

□□□□□□□□-□□□□□□□□-X

### I. Customer Information

Customer Name:		Street Address (where furnace/water heater was installed):	
City:	ZIP:	Email Address for application receipt:	
Mailing Address (if different than above):		Customer Telephone: ( )	
Year home was built: _____ Heating Fuel Type: <input type="checkbox"/> Natural Gas <input type="checkbox"/> Electric <input type="checkbox"/> Propane <input type="checkbox"/> Other _____ Heating System Type: <input type="checkbox"/> Forced Air <input type="checkbox"/> Radiant <input type="checkbox"/> Dual Fuel Heat Pump <input type="checkbox"/> Other _____ Air Conditioning Type: <input type="checkbox"/> Central AC <input type="checkbox"/> Evaporative <input type="checkbox"/> None <input type="checkbox"/> Other _____			

### II. Contractor Information

Company Name:			Name of Representative:	
Company Address:			Contractor License Number:	
City:	State:	ZIP:	Email Address for application receipt:	
Telephone:			Fax:	

### III. Installation Information

Equipment	Rebate	Manufacturer	Model Number	Serial Number	Install Date
ENERGY STAR Furnace – 90% AFUE New Construction	\$200				
ENERGY STAR Furnace – 90% AFUE Replacement	\$275				
ENERGY STAR Furnace – 92% AFUE New Construction	\$250				
ENERGY STAR Furnace – 92% AFUE Replacement	\$325				
ENERGY STAR Furnace – 95% AFUE New Construction	\$300				
ENERGY STAR Furnace – 95% AFUE Replacement	\$375				



# Water Conservation Plan

WHY?

WHO?

HOW?

EXPECTATIONS?

COST?



## **Developing a Water Conservation Plan @ Rio Rancho Public Schools**

Department of the Interior, Bureau of Reclamation  
Upper Colorado Region, Salt Lake City, UT  
Water Conservation Field Services Program  
R 10 SF 4 0002

Respectfully submitted by:

RRPS Facilities Department  
500 Laser Road NE  
Rio Rancho, NM 87124

Activity Manager Onsite - Elena Kayak  
ekayak@rrps.net  
505.896.0667 Ext. 234  
Fax 505.896.4276

**Funding Category: Water Management Planning**

# Water Conservation Plan



## **Water Use Report & Conservation Plan: Rio Rancho Public Schools**

Sponsored by the City of Rio Rancho  
Department of Public Works

Prepared by



January 2009

# Water Conservation Plan



## **Water Use Report & Conservation Plan: Rio Rancho Public Schools**

Sponsored by the City of Rio Rancho  
Department of Public Works

Prepared by



January 2009



# Sustainability Plan

WHY?

WHO?

HOW?

EXPECTATIONS?

COST?



February 20, 2015

Ms. Jill Turner, Pollution Prevention Program Manager  
Office of the Secretary,  
New Mexico Environment Department  
Pollution Prevention Program  
5500 San Antonio Dr. NE, Albuquerque NM 87109

RESPONSE TO THE REQUEST FOR QUOTES (RFQ)

## **SUSTAINABILITY    MANAGEMENT    PLAN DEVELOPMENT SUPPORT**

Submitted by:  
Current-C Energy Systems, Inc.

Team Partners:  
Soda Creek Consulting  
UNM West

# Modular HydroPump Energy Project

WHY?

WHO?

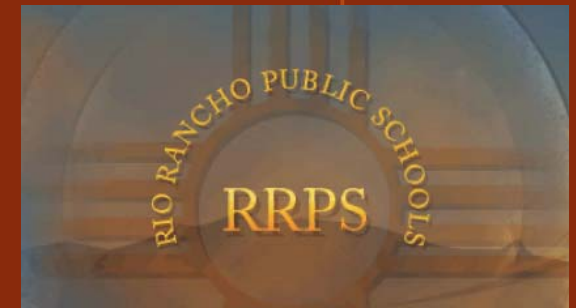
HOW?

EXPECTATIONS?

COST?



cefpi  
where great schools begin





GROWING GREEN  
GOING GREEN  
ONE STEP AT A TIME

RIO RANCHO PUBLIC SCHOOLS  
ALFRED R. SENA, EXECUTIVE DIRECTOR  
505.896.0667 EXT. 161  
[WWW.RRPS.NET](http://WWW.RRPS.NET)

VISION "STUDENT EXCELLENCE"  
MISSION "BUILDING EXCELLENCE"  
GOAL "PROVIDE EFFECTIVE & EFFICIENT SYSTEMS"  
OBJECTIVE "PROVIDE HEALTHY AND SAFE LEARNING ENVIRONMENTS"

