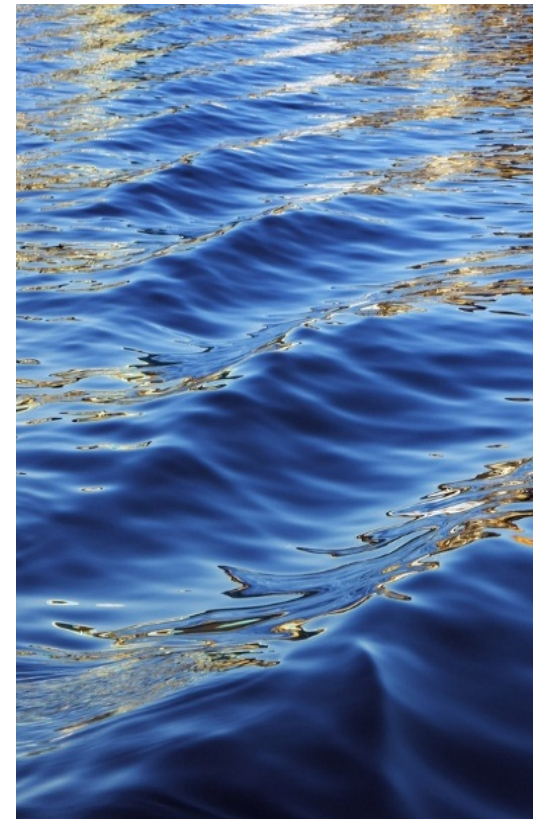




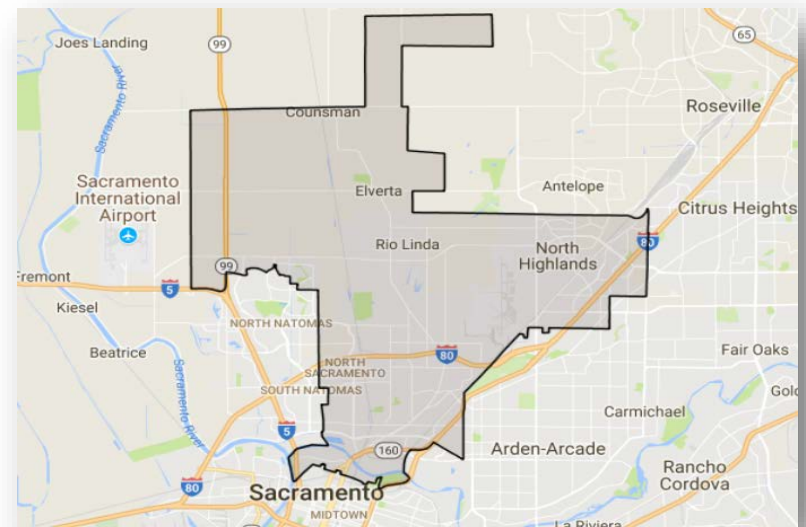
Proposition 39 Success to Date

*Bill McGuire
Deputy Superintendent*



Twin Rivers Unified School District

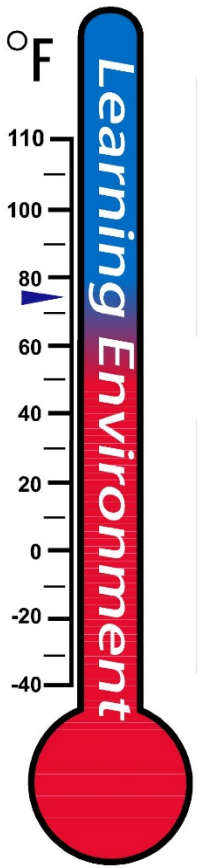
- 27th Largest CA School District, encompassing 82 Sq. Miles.
- Serving nearly ...
 - ✓ 28,600 Students, including Charters.
 - ✓ Speaking 46 different languages.
 - ✓ And more than 3,000 Employees.
- With 52 School sites, including ...
 - ✓ 4 Comprehensive High Schools.
 - ✓ 5 Middle Schools.
 - ✓ 29 Elementary Schools.
 - ✓ 3 Charter Schools at 7 Sites.
 - ✓ 7 Alternative Schools



Proposition 39 to Date

- Total Allocation = \$8.5M, including Charter Schools.
- Average School Age = 45+ years. Oldest = 84!
- Partnered w/SMUD & California Conservation Corps (CCC).
- Invested in updated HVAC, Controls & Lighting at 22 Sites ...
 - Work Completed:
 - ✓ HVAC Upgrades at Grant UHS, Harmon Johnson & Foothill Ranch MS.
 - ✓ Lighting Retrofits, HVAC & Controls Upgrades at 7 Charter Schools / 11 Sites.
 - Work In Progress:
 - ✓ Lighting Retrofits at Foothill Ranch MS or Foothill HS.
 - ✓ HVAC & Controls Upgrades at Del Paso Heights, Fairbanks, Foothill, Hagginwood & Hazel Strauch.





Feel the Difference!

Creating a new climate in our classrooms

Results – Prop. 39 Projects

Harmon Johnson Elem.

	kWH	Therms
Actual Savings	87,767	(7,596)
Projected Savings	107,853	3,366
Difference	(20,086)	(10,962)

Grant Union High School

	kWH	Therms
Actual Savings	168,005	13,002
Projected Savings	128,491	11,150
Difference	39,514	1,852

Over 100 Construction Workers employed in Summer months to complete projects in 10 weeks. Majority Sheet Metal Workers.

Zero Emission Bus Program

- Largest fleet deployed in the nation (currently 16).
- Funded in part by \$7.5M California Climate Investment grant, using proceeds from CA's cap-and-trade program.
- Routes primarily run through disadvantaged communities.
- Zero emissions equals clean air for improved student & community health.



Zero Emission Bus Program

Proposal Number	Applicant	Replacement Bus Type	Age	Score
Northern Region				
155	Twin Rivers Unified	Type D	1988	98.0
155	Twin Rivers Unified	Type D	1989	98.0
155	Twin Rivers Unified	Type D	1990	98.0
155	Twin Rivers Unified	Type D	1990	98.0
128	Ravenswood School District	Type D	1988	96.8
128	Ravenswood School District	Type D	1989	96.8
128	Ravenswood School District	Type D	1990	96.8
117	Thermalito Union	Type D	1990	95.4
117	Thermalito Union	Type D	1990	95.4
74	Sacramento City Unified	Type A	1989	95.0
74	Sacramento City Unified	Type A	1990	95.0
74	Sacramento City Unified	Type A	1990	95.0
74	Sacramento City Unified	Type A	1990	95.0
74	Sacramento City Unified	Type A	1990	95.0
74	Sacramento City Unified	Type A	1990	95.0
74	Sacramento City Unified	Type A	1990	95.0
74	Sacramento City Unified	Type A	1990	95.0
74	Sacramento City Unified	Type D	1990	95.0
155	Twin Rivers Unified	Type D	1991	94.5



Looking Forward ...

- Other School Energy Issues

- Title 24 Building Codes Standards Upgrades:
 - ✓ Upgrades to Sections on Energy Code (Part 6) & Green Construction (Part 11) in 2013 & 2016 will likely have an impact on School Facilities Programs (SFP) project costs, including new Prop 51 projects.
 - ✓ Working with other school groups to advocate for 6% adjustment to new construction per unhoused-pupil grant amounts allowed under current regulations, Ed Code 17072.11(b).
- ZNE (Zero Net Energy):
 - ✓ State agencies seeking to build toward ZNE under Executive Order B-18-12 addressing climate & environmental concerns ...
 - ✓ ZNE is perfect vs. “Green” Schools – May seek deeper retrofits building on Prop 39 “1.0” work.
 - ✓ Continue to work with Utilities to advance pilot programs, incentives, rebates etc.

Looking Forward ...

- Other School Energy Issues, cont'd

- School Electricity Rate – Different / lower rate reflecting true cost of service.
- Transmission Regionalization – Encourage CA to participate with other Western States & export excess solar generation.
- Resiliency – Microgrids & other strategies allowing school campuses to continue to function during of power outages, wildfires, or other natural disasters.
- Intervener Compensation – Reimbursing Districts when they formally participate in a CPUC rate proceedings.

Looking Forward ...

- Water Conservation & Efficiency for CA Schools

- Water Supply:
 - ✓ Dry winter & continuation of conservation mandates.
 - ✓ Monitor state's long-term view on addressing water supply issues.
 - ✓ Will Conservation Regulations Continue?
- Drinking Water:
 - ✓ Quality continues to be a concern from parent & community groups. Bills addressed this last year.

Thank You!

Bill McGuire

Deputy Superintendent



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