



Efficiency Works™

Estes Park
Power and
Communications

Fort Collins
Utilities

Longmont
Power &
Communications

Loveland
Water and Power

Platte River
Power Authority

Parking lot lighting saves the budget

Poudre School District completed a project in 2019 to upgrade parking lot lighting throughout multiple local schools. Not only did they save more than \$20,000 per year on future energy cost savings, but offset rate increases and increased usage due to scheduling changes.

Project highlights



312,178
kWh saved
annually



\$70,412
Rebates



\$22,457
Annual cost
savings



“The Efficiency Works Business rebates program is streamlined, customer friendly and easy to use. Efficiency Works Staff are extremely knowledgeable and helpful throughout the process. Without this program, this project would have taken several years to complete instead of a couple months.”

Trudy Trimbath
Energy and Sustainability Manager
Poudre School District

Visit www.EfficiencyWorks.org for more information.

Project details

- 5 school locations in Fort Collins
- 150 parking lot pole lights and 75 wall packs upgraded
 - Replaced equipment included a mixture of 1000W, 400W, and 250W metal halide high-pressure sodium fixtures.
 - New equipment included 150W, 80W and 50W LED fixtures.
- Project timeline: 67 days from first proposal to final installation

Location	Lights removed	Lights installed	Rebate	Customer investment	Annual kWh savings	Annual electric savings
Building 1	30 - 400w MH	28 - 100w Lithonia LED	\$12,000	\$12,000	55,000	\$3,850
Building 2	7 - 1,000w MH	7 - 150 cooper LED	\$5,000	\$5,000	50,000	\$3,500

Additional benefits

- Annual maintenance cost reduction of \$3,000
- Improved site security at night due to improved light quality while reducing light spillage
 - All fixtures had CRI of 85 or higher
 - Color temperature of 3000k
 - All fixtures had CRI of 85 or higher
 - Color temperature of 3000k
- Project acted as the catalyst for additional facility upgrades
- Electric savings payback was 2.1 years - payback including operations and maintenance savings was 1.3 years.

Project completed by Orange Energizing Solutions