

VCBO

Power you buy: 23,043 kwh
11.7 ¢ / kwh = \$ 5,327.00 / month

Power you sell: 23,043 kwh
1.7 ¢ / kwh

Golden Spike Elementary
Design Goal: 90 % Efficiency

SCHEDULE NO. 6, GENERAL SERVICE WITH DEMAND	
AVAILABILITY: At any point on the City's interconnected system where there are facilities of adequate capacity.	
APPLICATION: This schedule is for alternating current, single or three-phase service supplied at City's available voltage through one kilowatt-hour meter at a single point of delivery for all electric service required on the premises.	
Customer Service Charge	
Service	Monthly Charge
Customer Service Charge	\$27.00
Power Rate	
The kW as shown by or computed from the readings of City's power meter, for the 15-minutes period of customer's greatest use during the month, determined to the nearest kW.	
All kW over 10 kW	\$10.50/kW
Energy Rate	
Usage	Rate
Up to 500 kWh	\$0.1176/kWh
501-8,000 kWh	\$0.1113/kWh
8,001+ kWh	\$0.0516/kWh

Golden Spike Elementary

Design Goals & Market Data



NET ZERO
VS
NEAR ZERO

“It doesn’t pay to be a power producer beyond what you use.”

ROCKY MOUNTAIN POWER
ELECTRIC SERVICE SCHEDULE NO. 6
STATE OF UTAH
General Service - Distribution Voltage
AVAILABILITY: At any point on the Company's interconnected system where there are facilities of adequate capacity.
APPLICATION: This Schedule is for alternating current, single or three-phase electric service supplied at Company's available voltage, but less than 46,000 volts through a single point of delivery, for all service required on the Customer's premises. This Schedule is for nonresidential Customers whose loads have not registered 1,000 kW or more, more than once in the preceding 18-month period and who are not otherwise subject to service on Schedule 8. This Schedule is for general nonresidential service except for multi-unit residential complexes master metered in accordance with the Utah Administrative Code, Section R746-210. Service under this Schedule is also available for common areas associated with residential complexes.
MONTHLY BILL:
Customer Service Charge: \$53.00 per Customer
Facilities Charge: \$3.99 per kW
Power Charge:
Billing Months - June through September inclusive \$13.27 per kW
Billing Months - October through May inclusive \$11.74 per kW
Energy Charge:
Billing Months - June through September inclusive 3.8878¢ per kWh for all kWh
Billing Months - October through May inclusive 3.4405¢ per kWh for all kWh

VCBO

Golden Spike Elementary

Energy Analysis



Mountain View / Foothill

Elementary combined

2021 Rates

86,000 SF

TOTAL COMBINED AREA

\$ 68,110.00

ANNUAL POWER & GAS

80¢ / SF

Golden Spike Elementary

2024 Rates

104,000 SF

TOTAL COMBINED AREA

\$ 35,065.00

ANNUAL POWER & GAS

33¢ / SF

\$33,045.00 / YEAR SAVED

ACTUAL ENERGY EFFICIENCY

85% EFFICIENT



A hedge against utility rate increases

- \$661,000.00 Utility savings over 20 years
- Your PV array carries a 20 year panel warranty
- Your PV array payoff = 13 years (\$231,350.00)
- From 2000 – 2013 rates increased at 5.6% / year
- PV Replacement is getting more and more efficient, & cheaper and cheaper each year, while utility rates continue to increase!

- in 2011 PV = \$1,200,000
- in 2021 PV = \$568,000
- in 2031 PV = ???