



About Energy Innovative Solutions

At Energy Innovative Solutions we focus on being the energy partner of choice for major national and international corporations.

Our Mission:

- Pursuing meaningful partnerships with our clients
- Producing value with every project we execute
- Putting people first. Business can't run without people

How We Work:

EIS employs a holistic approach to address the specific challenges of each client and offering ONLY the solutions which make sense.



Case Study: County of Riverside Cactus Project

LED Lighting

We first look to reduce kWh by replacing current, inefficient lighting fixtures with LED.

\$23,054.00

Annual Savings

2.1 years

Simple Payback

Solar

Then we determine how much kWh can be feasibly generated by solar given the size of the facility and the current utility rates.

\$98,440.00

Annual Savings

8.1 years

Simple Payback

Battery

Finally, we use batteries with solar to shave peak demand off the wing hours to bring down monthly demand charges.

\$14,686.00

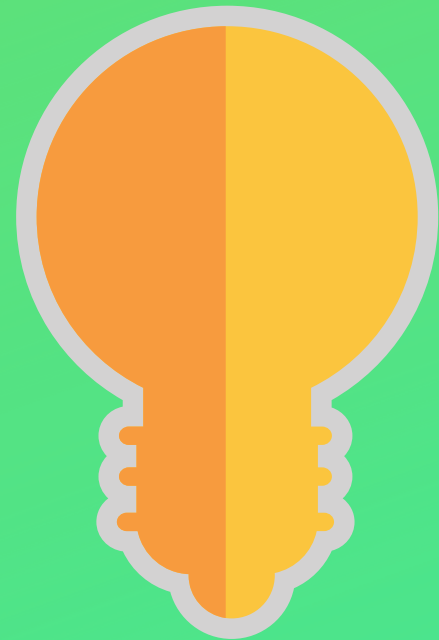
Annual Savings

1.0 years

Simple Payback

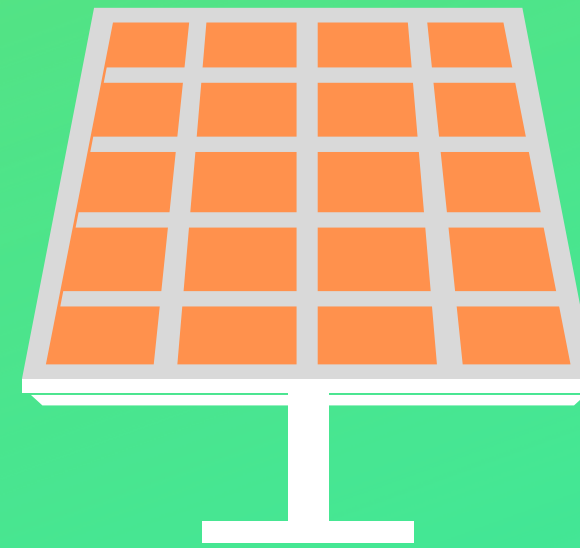


Case Study: County of Riverside Cactus Project



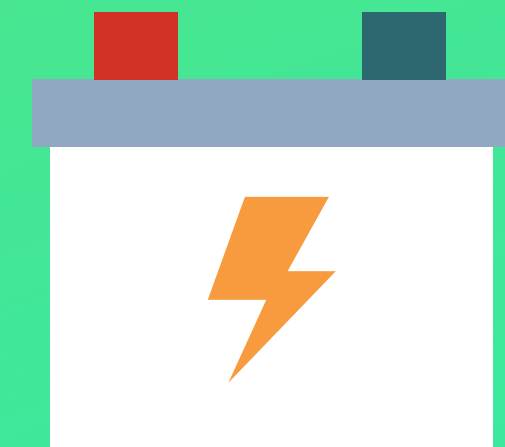
LED Lighting

1,700 fluorescents replaced with LED saving 50% kWh annually.



Solar

2,000+ solar panels generating 1.25 million kWh annually.

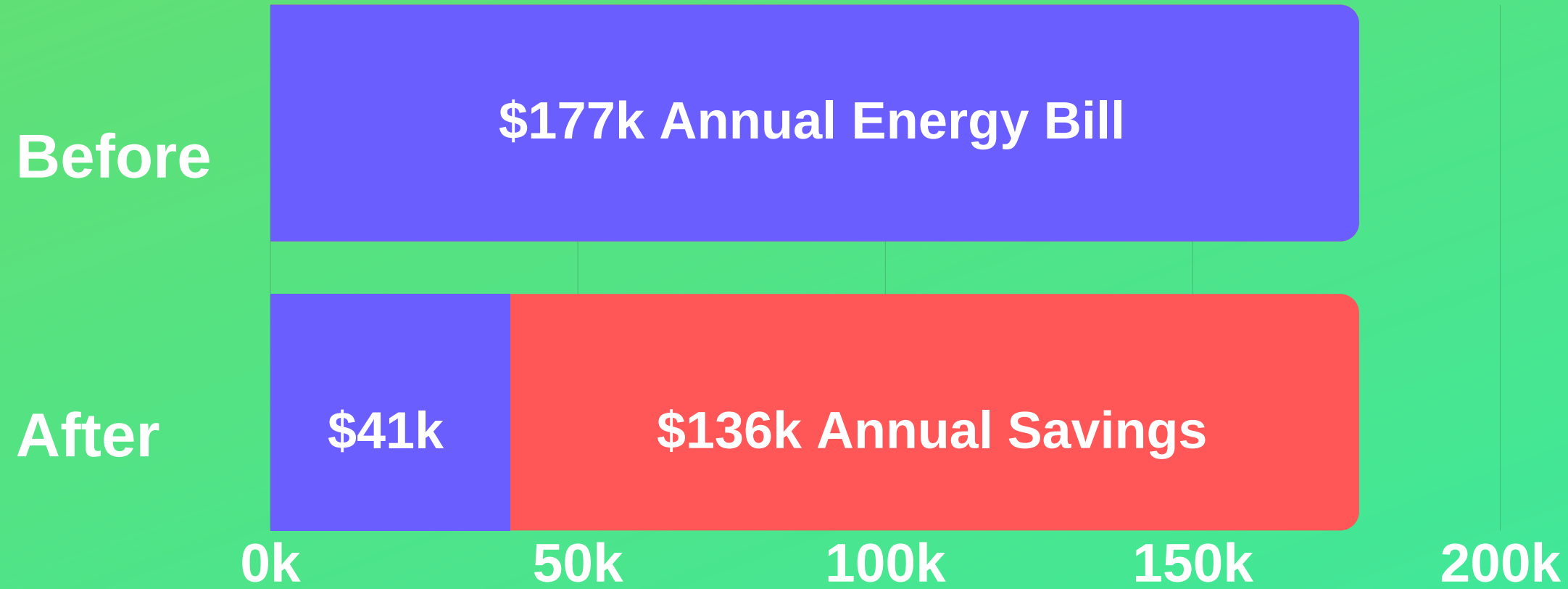


Battery

3 mid-sized batteries storing up to 90 kW for demand shaving.



Case Study: County of Riverside Cactus Project



5.9 years
Project Simple Payback



Estimated Incentive Return Schedule



Time Frame	Investment Tax Credit	SGIP Initial Rebate	SGIP Incremental	Bonus MACRS Depreciation	MACRS 5-year Depreciation
Upon Breaking Ground	\$667,500.00				
1st Operational Year		\$26,100.00	\$5,220.00	\$330,968.75	\$66,193.75
2nd Year			\$5,220.00		\$105,910.00
3rd Year			\$5,220.00		\$63,546.00
4th Year			\$5,220.00		\$38,127.60
5th Year			\$5,220.00		\$38,127.60
6th Year					\$19,030.70

*Based on 2018 Incentive Rates.



Investment Tax Credit:

A dollar for dollar reduction in income taxes paid to the federal government. 30% of cost for renewable projects started in 2019.

SGIP Rebate

Rebate per Wh for battery systems installed in California.

MACRS Depreciation

Standard cost recovery period of 5 years with option to take 30% in first year. Avoided liability is 85% of project cost at a 21% federal tax rate.



ENERGY INNOVATIVE SOLUTIONS

Case Study: County of Riverside Cactus Progress





Contact

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