

# North Rim HOA Pooling Resources

Mission Valley, CA



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## CHALLENGE

The North Rim community leaders were looking for a way to save energy costs for their community center, which includes a large swimming pool. They were also interested in offsetting energy costs to light for the community's tennis courts.

## SOLUTION

A 60-panel ground mount solar panel array was built on a nearby hillside. The solar system was designed and installed to deliver electricity through two separate meters. The commercial solar system turns Southern California sunshine into renewable energy that benefits all the residents of the multi-family North Rim community. The energy needs of the large pool facility now draws the bulk of its power needs directly from San Diego sunshine. The tennis courts' energy costs are completely covered by selling energy back to the utility during the day.

**24 kW**  
Total System Size

**\$1,036,744**  
Estimated 30-Year Electric Bill Savings

**60**  
Number of Panels

**Pool Meter 75.1%**  
Annual Electricity Offset

**Tennis Court Meter 100%**  
Annual Electricity Offset

**3.4 Years**  
Payback Period

# Pooling Resources: North Rim HOA



## CUSTOMER BENEFIT

The energy meter for the community pool now consumes 75% solar energy. The tennis courts take advantage of net metering to offset 100% of their energy costs to light the courts. After the success of the community-shared solar system, the community HOA leaders established HES Solar as the association's preferred solar company. HES Solar could then offer home solar systems to each individual unit in the community. The growing solar partnership allows San Diegans to benefit directly and indirectly from the cost savings brought by solar energy production.

“The North Rim HOA made the decision to install a common-area solar array, yielding energy savings of approximately \$12,000 to \$18,000 per year. These cost savings will expand as electricity rates rise. The savings allowed the Association to offset other increasing expenses, such as water, insurance, and services. The HES Solar array provided an effective and reliable means to mitigate one of our community's large, recurring expenses.”

Ben Davis, Chair, North Rim Solar Committee



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