

# COMMERCIAL SOLAR ROOFTOP PROJECT CASE STUDY



## RAYZIST PHOTOMASK

Sandcarving Equipment Manufacturer  
Vista, CA

Commercial Solar Rooftop  
\$3.5M Lifetime Electricity Savings  
175 kW System Capacity

**90% Energy Offset**

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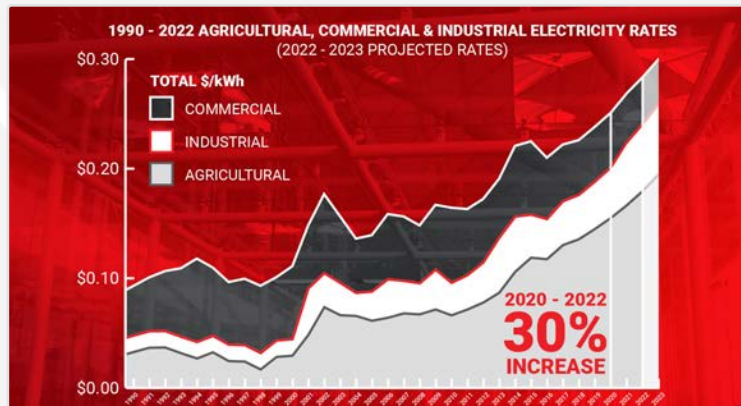


**THIS ROOFTOP COMMERCIAL SOLAR INSTALLATION IS A SUSTAINABLE ENERGY SOURCE FOR THIS INDUSTRIAL EQUIPMENT MANUFACTURER.**

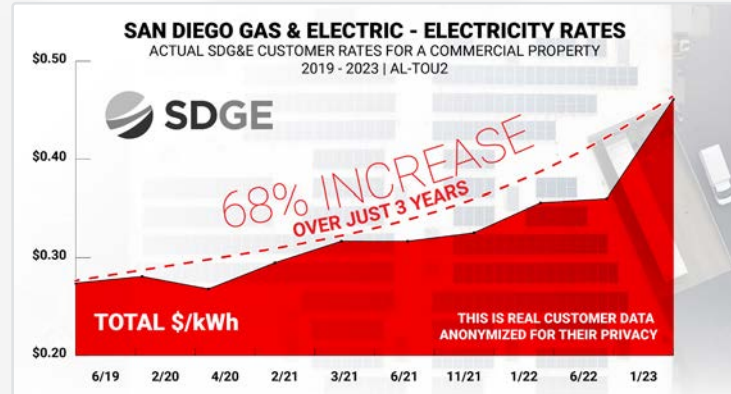
A household name in the sandblasting and engraving industry - Rayzist Photomask in Vista, CA, has furthered their innovative legacy by supplementing their energy-intensive operations with a rooftop commercial solar system.

Creators of the first photoresist film and sandcarving system in 1984 - Rayzist continued to manufacture premium films and equipment, but realized their electricity bills had started to increase drastically.

California has seen some of the highest electricity rate growth in the country, just as this manufacturer observed. Many businesses have seen their rates more than double - while utilities continue to parade a wide variety of reasons as to why bills will continue to rise.



In an effort to take control over their rising electricity costs, Rayzist tasked Revel Energy to design a custom energy solution that was built to meet the exact needs of their facility. Working with San Diego County and Vista authorities and code enforcement for efficient interconnection with San Diego Gas & Electric.



Revel's skilled development team and project managers designed and constructed the 175 kilowatt rooftop solar system that uses almost 400 commercial solar modules and 3 inverters to offset about 90% of the electricity that the building would typically use.

The system is estimated to produce about **\$3.5 million dollars in electricity savings** over its 30-year lifespan.

Taking advantage of incentives and programs like the new IRA-enhanced solar investment tax credit, net energy metering, state and federal bonus depreciation, this rooftop solar solution quickly pays for itself.

Rayzist continues to provide their premium innovations to the industry, while ensuring their business can look toward reduced electricity bills and a more sustainable future thanks to their commercial solar rooftop.

Revel Energy's team of commercial and agricultural solar specialists offer turn-key solutions for California businesses to lower their electricity costs - ultimately increasing cash flow. For an obligation-free energy analysis, contact a Revel Energy solar specialist today.

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