

# Arizona Native Soaks Up Sun and Savings

## CHALLENGE

Provide money-saving options by channeling the sun's free and abundant energy

## SOLUTION

Increase power production by utilizing M250 Microinverters – designed for higher-power modules

## RESULT

10.7kW system offsets residential electricity bill by 88%



“When we sell a system, we prefer to use Enphase over traditional inverters every time.”

—Warren Harris  
Sales Manager  
Southface Solar Electric

An Arizona homeowner finds financial savings through solar installer Southface Solar Electric at a local home and garden show. Looking for a way to maximize efficiency and minimize electrical expense, this customer called in a special request for M250 Microinverters.

### System Owners Watch Savings Light Up

While most people look to solar as an environmentally friendly alternative energy option, the financial savings of solar are an added bonus homeowners across the world simply can't ignore. The residents of Goodyear, Arizona, are no exception.

A local homeowner was looking for an upgrade to his home, and one that would benefit him both now and in the years to come. Knowing solar was the solution, the homeowner shopped around with different solar installers, but it wasn't until he stopped by the Southface Solar exhibit at the local home and garden show



With M250 Microinverters, Southface Solar was able to install higher-powered modules to maximize the home's available roof space.

that he learned how the Enphase System could provide him with the most efficient microinverter in the market.

“When we explain the Enphase System to potential customers, we use the Christmas light analogy,” said Warren Harris, Sales Manager of Southface Solar. “Unlike a string of Christmas lights – and string inverters - every microinverter doesn’t shut down if one inverter experiences production decrease. Each microinverter performs individually so your house stays lit. People really seem to grasp this concept.”

#### **Down-to-the-Minute Design Flexibility**

Hearing that the new M250 Microinverters were now available, this Arizona homeowner called his installer asking specifically for Enphase's most advanced inverter yet. Plans were drawn, equipment was ordered, and Southface Solar began installing.

Quality proven with an industry-leading 1 million hours of testing, the M250 Microinverter is engineered for high performance throughout the course of its lifetime.

The high efficiency of the M250 paired with higher-power modules allowed the homeowner to generate more energy to run his daily household needs, offsetting his electricity bills by 88 percent.

#### **A Trusted Household Name**

Southface Solar, Arizona's premier photovoltaic system designer and integrator, serves the entire state of Arizona and focuses on



#### **INSTALLATION SUMMARY**

Client **Residential Homeowner**

Location **Goodyear, AZ**

Installer **Southface Solar Electric**

System Size **10.7kW**

Microinverters **Enphase M250**

Modules **LG 285W**

designing desert-durable installations for their residential projects. Aiming to provide quality solar technology to households since its beginning in 2008, Southface Solar has chosen the Enphase System every step of the way.

“We started using Enphase microinverters back when the M175 Microinverters first came out, and we've grown with the company through each generation,” said Harris. “The M250 is almost identical to the M215 when it comes to installation, and now having Integrated Ground made an already simple installation even easier.”

“Whenever we install a residential system there isn't ever a doubt in our mind,” added Harris. “Enphase makes total sense.”

#### **About Enphase Energy**

The Enphase System revolutionizes solar power generation with industry-leading technology innovation. Enphase's proven microinverter technology maximizes production of each module, which works together with advanced communications hardware and an intelligent software platform to deliver a reliable, high-performance solar array.

To learn more about the benefits of the Enphase System, visit [enphase.com](https://enphase.com).