New Home Builder Makes Solar A Standard, Not Specialty

CHALLENGE

Incorporate sustainable energy features into modern home standards fit for the average homeowner

SOLUTION

Install interactive solar systems onto every roof in the neighborhood development using Enphase technology

RESULT

Reduced electricity bills and a solar system that boosts the homes' value

"Solar is a huge selling feature in homes, and with Enlighten, solar sells itself."

—Kathryn Rudnick
Chief Operating Officer
California Home Builders

California Home Builders, an industry leader in real estate development, helped solar shed its reputation as a luxury amenity by incorporating PV solar as a standard feature in their newest residential community. Solar, plus built-in green appliances, prove that in these single-family homes, energy-efficiency is the new normal.

The New Normal

When California Home Builders set out to develop a neighborhood of single-family homes, they had the idea of building modern homes with progressive technology, but without the label of "green housing."

"Our homes will integrate energy-efficient features not as an additional option for an additional cost, but as a standard," said Kathryn Rudnick, COO of California Home Builders. "We believe people buy homes for a combination of reasons, and solar power gives us a competitive edge in our market that will add more

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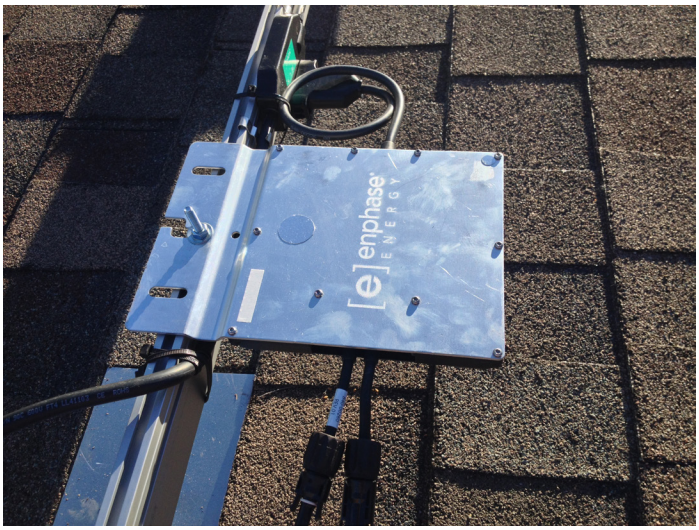

Enphase technology made it easy for Leonard Roofing to install arrays on 18 rooftops during the homes' development stages.

value to our customers' homes."

In addition to generating renewable energy with solar PV, the homes also reduce energy needs by using LED lighting fixtures and energy-efficient appliances.

Technology for the Modern Home

Leonard Roofing worked with California Home Builders on the project to install the Enphase System on the project's 18 homes. Each array is approximately 3.6kW and designed to optimize energy production.

The flexible and adaptive nature of microinverter technology made the installation simple and gave Leonard Roofing a strong business advantage.

"Leonard Roofing has been a fantastic partner and a key component to our team," added Rudnick. "Through Leonard Roofing and their work with Enphase technology, we can offer our homeowners with a way to monitor their solar energy production as well as share their data with their neighbors."

In addition to each homeowner having access to their MyEnlighten account, California Home Builders can use Enlighten Manager to track and monitor all of their systems together – a great talking point when showcasing the home's features to potential buyers.

Those who buy homes from California Home Builders can watch the real-time production data of their system through MyEnlighten.

To learn more about the benefits of the Enphase System, visit **enphase.com.**

INSTALLATION SUMMARY

Client **California Home Builders**
Location **San Fernando Valley, CA**
Installer **Leonard Roofing**
System Size **64.8kW**
Microinverters **Enphase M215**
Modules **Trina 240W**

With at-a-glance monitoring and a color-coded performance screen, MyEnlighten tells homeowners exactly when their system is at its peak. MyEnlighten also provides historical weather conditions for homeowners to reference on days when their system showed lower or higher production averages.

Living Green

Ten of the project's 18 homes have been sold, with its residents receiving low electricity bills right off the bat. Enphase's 25-year warranty also protects the systems and adds value to the homes both now and in the future.

Residents of the San Fernando Valley community will experience the benefits of living sustainably as their home allows them to easily and effortlessly participate in energy-saving habits.

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.

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