MCLEAN FAMILY HOME
CALIFORNIA, USA

ROOFTOP SOLAR SYSTEM

- Visually appealing installation
- Significant reduction of electricity bill
- Green contribution from environmentally conscious owner

8.7 kW SYSTEM SIZE
11.7 MWh ANNUAL PRODUCTION
7.5 TONS CO₂ SAVED ANNUALLY
7.5 RESIDENTIAL INSTALLATION
“The installer stressed the importance of product quality and helped us calculate the payback time. It was clear that REC was the best choice for the long term.”

DAVID & ASHLEY MCLEAN, REC INSTALLATION OWNERS

IN THE US, some home owners fear that installing solar will deteriorate the value of their home. The owner of this family home in sunny California has proven the skeptics wrong. David and Ashley McLean wanted – and got – a solar installation that added to the value of the home both through aesthetic quality and a reduced electricity bill.

The installer, Suntricity, looked to REC for panels that would satisfy both the technical and visual requirements. The quality of products, support and services, plus REC’s reputation in the market, made REC a safe choice.

The 8.7kW system consists of 38 REC 230PE BLK panels, with an annual capacity of 11.7MWh. It is mounted on the sloping roof in three arrays, with careful consideration to their visual impact on the building’s exterior design, minimum visibility from nearby streets and maximum solar energy absorption.

“REC provides the highest performing and highest quality panels, with desirable specifications and stout construction. The company has a proven track record and is dedicated to the US market,” said Kirk William of AEE Solar, a Partner distributor of REC in the US.

The system was completed in February 2011. Over the next 25 years, it is expected that it will produce approximately 300 MWh of electricity and reduce CO₂ emissions by nearly 200 tons. The estimated payback time is 9.9 years. In the meantime, the family can enjoy the comfort of their home and the reassurance that they contribute to a better climate.