



## **PRESS RELEASE**

### **FOR IMMEDIATE RELEASE**

#### **ROOFTOP SOLAR SYSTEM CREATES ELECTRICITY NEUTRAL WORKPLACE FOR LOCAL ENGINEERING FIRM**

Rocklin, CA - ECO:LOGIC Engineering is pleased to announce the addition of a new photovoltaic (PV) solar array on its own 20,000 square foot rooftop. This solar system provides enough power during the day to supply electricity for 60 employees. In addition, ECO:LOGIC optimized and upgraded all fixtures inside the building to save on energy consumption. The combination of the solar project and the fixture upgrades, results in a corporate headquarters that is electricity neutral on an annual basis.

With great demand for energy and high utility costs, ECO:LOGIC made the decision to use their own electrical, mechanical, structural and instrumentation engineers to design and install the PV system. As Mohandas Gandhi said, "Be the change you want to see in the world." The ECO:LOGIC team wanted to be that change and make a difference that would in turn, make them leaders in helping the environment. "Our folks are pretty meticulous. They designed a well thought out, robust system and enjoyed building it too," said CEO, David Bennett.

ECO:LOGIC purchased the PV panels and the DC/AC inverter, and designed the complete layout, roof mounts, electrical, and instrumentation system in-house. A common challenge with roof mounted solar systems is the weight, since many commercial building roofs are not designed to support the added weight of a solar system. ECO:LOGIC's structural engineers analyzed the trusses and designed simple metal braces at strategic points to add the required reinforcement.

Following design and permitting, ECO:LOGIC employees completed all construction of the PV system including the structural upgrades to the building, fabricating the solar panel racks, mounting the panels, setting the inverter, and making all of the electrical connections necessary for a fully operational system.

Financial payback for ECO:LOGIC's headquarters PV system, is predicted to be just under 6 years. "Whatever happens with the cost of electricity in the years ahead, our cost will still be zero," stated Dave Bennett.

"Solar is no longer just a cool concept here. We have first hand knowledge of how these systems should be designed, how they are built, how they can be optimized, and how they can be accessorized with controls and monitoring equipment," said Dave

Bennett, CEO. This type of system may come in handy for ECO:LOGIC's water agency clients. Pumping and treating water has been identified by the California Energy Commission as one of the most significant electricity uses in the state. Reducing energy use in the water industry is a high priority for water agencies and power producers.

To that end, the University of California at Davis and ECO:LOGIC have founded the Energy Efficiency Center, with ECO:LOGIC focusing on water. The purpose is to develop and demonstrate energy saving technologies with applications to the water industry.

*ECO:LOGIC is a consulting engineering firm based in Rocklin, California. ECO:LOGIC employs over 130 professionals who provide consulting services including planning, permitting, design, construction management and operations of water and wastewater facilities to cities, districts and water agencies throughout California and Nevada.*

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For more information about this topic, or to schedule an interview with ECO:LOGIC professionals, please contact Jessica Miller at 916-773-8100 or [miller@ecologic-eng.com](mailto:miller@ecologic-eng.com)