

# Guatemala | San Rafael



## Providing Reliable Electricity to the World's Second-Largest Silver Mine

In 2012, Minera San Rafael, S.A., gained approval to develop a new silver mine in Guatemala. Initial plans for the Escobal mine included installation of a transmission line to provide electricity from the local power grid. Permitting and right-of-way challenges for the line prompted Minera San Rafael to consider mobile, fast-track power solutions to support the mine's growing power requirements as it transitioned from construction to operation. In 2013, APR Energy was awarded a contract to install and operate diesel power modules and provide the 2-3MW required for construction. Once the mine became operational, APR Energy scaled up its power output to 15.5MW. The stable reliable electricity was critical for the miners whose lives underground depended on water-pumping and ventilation systems. The company's full-service solution included plant operations and maintenance. In addition to providing reliable power, the company's commitment to HSE best practices has complemented the customer's efforts in these key areas. In 2015, Minera San Rafael presented APR Energy with its Safety Recognition Award. The plant was fully staffed by Guatemalans and donations of construction materials, furniture and supplies have supported improvements for local schools.



### POWERING THE ECONOMY

The Escobal mine was the world's second-largest silver producer and APR Energy was its sole source of electricity.



### CONQUERING DIFFICULT CONDITIONS

APR managed mountainous, rural terrain and complex mine relations with the local population.



### WORLD CLASS SAFETY

APR Energy's solution included ensuring world-class occupational health, safety and environmental (HSE) practices, which were later awarded in 2015 when Minera San Rafael presented APR with their esteemed a **Safety Recognition Award**.

## TESTIMONIAL

*"We're miners, not suppliers of generated power. APR Energy has supplied us with power for the past three years, and in two of those years we have been the second-largest silver producer in the world. We consider APR Energy as a partner in being able to achieve those goals – and achieve those goals safely."*

- Phil Dalke, General Manager  
Minera San Rafael, S.A.

**15.5MW**  
Diesel power modules

