



First Class

Morelos Del Sol Project

DEVELOPED BY

Solar Frontier Americas Development

Developer	Solar Frontier Americas Development LLC
EPC	DEPCOM Power
Location	Lost Hills, California
Avg. Temperatures	17.8°C / 64°F
Completed	November 2015
System Size	18.7 MW (15 MW ac)
Panel Type	Solar Frontier CIS SF165-L, SF170-S
Number Panels	111,744
Expected Annual Energy Generation	40,215 MWh
CO ₂ Reduction	30,161 Tons Annually
Inverter	Bonfiglioli RPS TL – 1350
Mounting	Clavijo Single-Axis Tracker
Monitoring	DC Systems Real-Time Smart Energy Suite

Seasoned Team At Solar Frontier Americas Development Delivers First-Class Quality In Morelos Del Sol Project

Managed with best-in-class execution and a carefully coordinated timeline by the highly-experienced, development team of Solar Frontier Americas Development LLC, Morelos Del Sol is located in Kern County, California. The 15 MW photovoltaic (PV) project is installed with Solar Frontier’s advanced CIS solar modules and Clavijo single-axis horizontal solar trackers. Solar Frontier modules generate more power than conventional crystalline silicon in real-world conditions. The optimized solar components effectively reduce the levelized cost of energy and can potentially boost production up to 30%. Construction on Morelos began in July and is expected to reach commercial operation in late 2015. However, planning began much earlier, as the development team worked closely with PG&E to

meticulously coordinate timing on the interconnection to not disrupt other users on the line and accommodate backfeed restrictions. The team also worked in close communication with Southwestern Gas as a gas line ran diagonally under the site increasing the technological complexities of the project’s construction. In addition, geological features of the site required special engineering to meet all project timelines and implement first-class quality in project construction. Morelos is equipped with high-quality, enclosed power conversion stations that were pre-built to reduce time and labor onsite. An experienced team dedicated to tight project management and monitoring ensured the project’s successful completion.

DEPCOM Power installed the PV project. Morelos’s clean energy is provided to PG&E under a 20-year power purchase agreement. In October 2015, Southern Power, subsidiary of Southern Co, (along with Turner Renewables) acquired Morelos Del Sol expanding the utility giant’s renewable energy portfolio to 8 solar projects in California with a total capacity of over 300 MWs.

