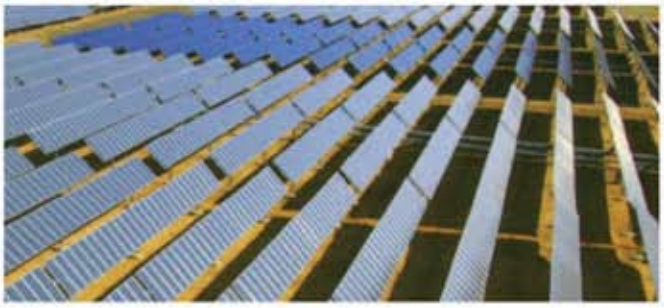
Cleantech America
A Meridian Energy Company

CalRENEW-1 Solar Farm

Creating Emission-Free Solar Electricity and Green Jobs in California's Heartland



HIGHLIGHTS

- In January 2008, CalRENEW-1 became the first utility-scale photovoltaic solar farm to be approved by the California PUC under the state's Renewables Portfolio Standard.

- Cleantech America, a Meridian Energy Company, has pledged $20,000 to support vocational green collar jobs training for area residents.

- As a reliable, zero-emission peaking solar facility, CalRENEW-1 will move the San Joaquin Valley towards cleaner air, and provide renewable power to the area when local demand is the greatest.

- CalRENEW-1 is scheduled to be producing zero emission peak solar electricity by the end of the year.

For additional info please contact:

Bill Barnes, CEO
CLEANTECH AMERICA
50 California St., Suite 1500
San Francisco, CA 94111
b.barnes@cleantechamerica.com

THE FACTS

Renewable Energy, Zero Emissions

CalRENEW-1 will generate 5 megawatts of zero emission renewable energy from the sun, which will be sold to PG&E under a long-term power purchase agreement.

Economic Development

CalRENEW-1 will stimulate green jobs training and attract clean industry to the area.

- The solar farm will be located in Mendota, CA, enabling the city to take a leadership role embracing the new green economy.
- The average per capita income in the San Joaquin Valley is 32.2% lower than the rest of California.

Green Jobs

Because it is a photovoltaic solar facility, CalRENEW-1 will create new green jobs.

- Photovoltaic solar creates 20 manufacturing and 13 installation/maintenance job-years per megawatt of solar installed (Source: University of California -Berkeley).
- By this calculation, CalRENEW-1 will initially support 65 installation/maintenance jobs and 100 manufacturing jobs.

Environment

As a zero-emission source of peaking electricity CalRENEW-1 will positively benefit air quality in the San Joaquin Valley.

- The region is one of just two in the nation to be identified by the U.S. EPA as an "extreme non-attainment" zone for repeatedly failing to meet air quality standards.
- Avoided emissions from CalRENEW-1 will be an estimated 6.3 million lbs/year of C02, the primary source of global warming and climate change, plus 6,905 lbs/year of NOx, and 5,451 lbs/year of S02 (source: EPA eGRID2002 database).

Breaking New Ground

At 5 megawatts AC (6.2 megawatts DC) CalRENEW-1 will be the largest photovoltaic project currently constructed in California.

- The solar farm is an exciting milestone, helping California reach its renewable electricity goals.
- The lessons learned will enhance the viability of larger future PV solar farms.