

Case Study

El Dorado Thin-Film Solar Generation Plant

A&WMA Meeting

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Jim Corlett



Who is Sempra Energy?

- ▶ Based in San Diego, CA
- ▶ Fortune 500 energy services holding company
- ▶ \$11 billion in revenue annually
- ▶ 13,500 employees
- ▶ Serve 29 million consumers worldwide
- ▶ Businesses:
 - Utilities
 - LNG
 - Commodities trading
 - Merchant power plants
 - Natural gas pipelines and storage



El Dorado Solar



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Details on El Dorado Solar Plant

- ▶ 10 MW nominal capacity
- ▶ First Solar thin-film (CdTe) photovoltaic technology
- ▶ 167,000 solar modules
- ▶ Fixed-tilt orientation
- ▶ Near Boulder City, NV (40 miles SE of Las Vegas)
- ▶ July, 2008 start of construction, December, 2008 completion
- ▶ 80 acres
- ▶ 20 year power purchase agreement with PG&E
- ▶ Uses existing transmission infrastructure associated with adjacent 480 MW combined cycle turbine plant



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More information?

▶ www.sempra.com

