



PROJECT SUMMARY



Sandy Mush Detention Facility Photovoltaic

CECI Project # 309470

Project Address 2584 W. Sandy Mush Road, Merced, CA 95340

Date of Completion 9/30/12

Duration

20 Month Project

Size 1.4MW

Contract

\$1,766,604.00

Description

Collins Electrical Company, Inc. is pleased to have partnered together with Siemens Building Technologies to provide a Balance of System installation for the 1.4 MW Sandy Mush Detention Facility PV project located at the Sandy Mush Detention Center in Merced CA. The 1.4 MW ground mount array contained a 901 KW DC system feeding the Adult Detention Facility as well as a 499KW DC system feeding the Juvenile Detention Facility. Combined, a total of (6,274) 220w/225w REC panels were installed. The project design was comprised of a Bi-Polar system consisting of (2) Advanced Energy 500KW inverters and (1) 333KW inverter, 1200' Medium Voltage AC run, installation of Medium Voltage transformers, 480 v distribution gear and customer interconnection.



STATE LICENSE #115427

MEMBER OF



collinselectric.com

**CORPORATE
OFFICE**

3412 Metro Drive
Stockton, CA 95215

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Owner	County of Merced 715 Martin Luther King Jr. Way, Merced, CA 95340 209-385-7602; rschwarts@co.merced.ca.us
General Contractor	Siemens Building Technologies 25821 Industrial Boulevard, Suite 300, Hayward, CA 94545 Michael Emmons; 510-783-6000 General Contractor's Project #440P-078603
Engineer	Blue Oak Energy 4614 Second Street, Davis CA 95618; 530-747-2026



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