

Digest of Green Reports and Studies

Title	Bay Region Solar Industry Workforce Study
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Publication Type	Survey
Publication Date	April 2008
# of Pages	59 pp.
URL	http://www.coecc.net/Environmental_Scans/Solar_Scan_SF-SV_08.pdf
Summary	<ul style="list-style-type: none"> • California is the leader of solar industry development in the U.S. with significant growth in San Francisco Bay and Greater Silicon Valley areas • According to the survey, there is a high demand for jobs in the solar industry. • Community colleges play an important role by providing training and certificate programs for the students who are ready to enter the workforce. • Challenges facing the solar industry include: <ol style="list-style-type: none"> a. Lowering the cost of solar energy generation; b. Establishing industry standards for installation; c. Streamlining the process for acquiring permits; d. Conducting inspections and offering rebates; e. Financing investment and growth; f. Hiring employees with hands-on-experience. • Occupational and critical skills, education preferences, and employment opportunities are included in this study. • Since the employers expressed great interest in the education and training programs, the collaboration of solar industry and community college is critical in preparing students to enter the workforce.
Key Findings	<ul style="list-style-type: none"> • Great demand for solar occupations
Recommendations	<ul style="list-style-type: none"> • Support development of a pipeline of skilled workers • Meet employer training needs
Definition of “Green”	No
Methodology	Survey
Data Sources Cited	<ul style="list-style-type: none"> • Claudia Graziano, "Solar: California's Rising Star", Nov. 10, 2006, RenewableEnergyAccess.com • "A Green Industry Takes Root in California," The New York Times, Feb. 1, 2008 • U.S. Solar Industry Year in Review, 2006, Solar Energy Industry Association (SEIA) • Sue Kateley, Executive Director, California Solar Energy Industries Association (CALSEIA) • SolarTech: Creating a Solar Center of Excellence, White Paper, June 2007, www.solartech.org
Report Geography	Bay region and California
Green Occupations Cited	Solar Thermal Installer or Technician Solar Photovoltaic Installer or Technician Solar Designer or Engineer Solar Installation Manager or Project Foreman Sales Representative or Estimator Lead Installer or Technician Lead Designers
Green Industries Cited	Solar industry Nascent Photovoltaic (PV) industry
Keywords	Biofuel Crystalline silicon cell Film solar cell Utility grid (off-grid) Photovoltaic (PV) systems Solar Water Heating/Thermal systems PV-centric Green House Gas (GHG)
Legislation Cited	SB 1, Million Solar Roofs Bill AB 32, Global Warming Solutions Act California Solar Initiative Energy Policy Act

Bibliography (Y/N)	Yes
Reviewer Name/Org	Eng, Richard – EDD\LMID State of California

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