

## Digest of Green Reports and Studies

<b>Title</b>	The Economic Opportunity from Clean Energy Jobs in California's San Joaquin Valley
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<b>URL</b>	<a href="http://www.ca-greenbusinessalliance.com/wp-content/uploads/2010/10/SJV_Econ_Study_10-13-10.pdf">http://www.ca-greenbusinessalliance.com/wp-content/uploads/2010/10/SJV_Econ_Study_10-13-10.pdf</a>
<b>Summary</b>	"This report summarizes the very significant economic opportunity presented by the clean energy economy, in part by comparing it to another significant economic opportunity for the San Joaquin Valley (SJV) – high-speed rail."
<b>Key Findings</b>	<ul style="list-style-type: none"> <li>• "Based on estimates in the energy economics literature, it is possible to forecast the number of jobs that will be created to construct, manufacture, install, and then operate the various renewable energy projects that will be located within the SJV over the coming decade..."</li> <li>• "According to these estimates, the biomass, hydrogen, solar, and wind projects that are currently approved and in development and those that are pending regulatory approval will generate between 68,366 and 79,512 short-term construction jobs in the SJV. The vast majority of these jobs are expected to come from the solar energy sector. Additional jobs will be created from installation of smaller solar systems to serve farms, homes and commercial buildings, as well as from energy efficiency investments."</li> </ul> <p>Additional findings may be found throughout the report.</p>
<b>Recommendations</b>	<ul style="list-style-type: none"> <li>• "First, under the broad recommendations surrounding the development of the SJV economy and attainment of clean air standards, the Partnership (Public and private leaders) placed heavy emphasis on "the deployment and adoption of renewable and clean energy, including biofuels" and the promotion of "the region as an international leader for clean energy research, development and use."</li> <li>• "Second, under the Partnership's recommendations with respect to transportation improvements, one of its ten specific goals is to "assure the high-speed rail system, if implemented, supports the San Joaquin Valley in achieving its economic, environmental, land use, and mobility goals."</li> </ul>
<b>Definition of "Green"</b>	Clean energy economy "consists of those businesses that are providing products and services that are developed and produced to lower green house gas (GHG) emissions, improve air and water quality, provide more sustainable development alternatives, or provide cleaner and more efficient energy and water options."
<b>Methodology</b>	Literature Research
<b>Data Sources Cited</b>	<ul style="list-style-type: none"> <li>• California Employment Development Department</li> <li>• California Energy Commission, <a href="http://www.energy.ca.gov/sitingcases/all_projects.html">http://www.energy.ca.gov/sitingcases/all_projects.html</a></li> <li>• California Franchise Tax Board, <i>Annual Report, 2008</i>, Table B-6: <a href="http://www.ftb.ca.gov/aboutFTB/Tax_Statistics/2008.shtml">http://www.ftb.ca.gov/aboutFTB/Tax_Statistics/2008.shtml</a></li> <li>• California Public Utilities Commission, <a href="http://www.cpuc.ca.gov/PUC/energy/Renewables">http://www.cpuc.ca.gov/PUC/energy/Renewables</a></li> </ul> <p>Additional sources are cited thoroughly the report.</p>
<b>Report Geography</b>	Central Valley, California
<b>Green Occupations Cited</b>	None
<b>Green Industries Cited</b>	<ul style="list-style-type: none"> <li>• Construction</li> <li>• High Speed Rail</li> <li>• Utilities - Biomass; Energy Efficiency; Smart-Energy; Solar (Photovoltaic and Thermal Systems); Wind</li> </ul>
<b>Keywords</b>	Biomass; Clean Energy; Energy Efficiency; Environmental Sustainability; Greenhouse Gas Emissions; High Speed Rail; Hydrogen; Hydrology; Photovoltaic; Regional Economic Growth; Renewable Energy; Smart-Energy Infrastructures; Solar Energy; Thermal Systems; Wind
<b>Legislation Cited</b>	<ul style="list-style-type: none"> <li>• American Recovery and Reinvestment Act</li> <li>• California Global Warming Solutions Act (AB32)</li> </ul>

	<ul style="list-style-type: none"><li>California Proposition 1A – Safe, Reliable High-Speed Passenger Train Bond Act for the 21<sup>st</sup> Century</li></ul>
<b>Bibliography (Y/N)</b>	Y
<b>Reviewer Name/Org</b>	J. C. Lee / Labor Market Information Division, California

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