

## Digest of Green Reports and Studies

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| <b>Title</b>                   | <b><i>Energy Efficiency Occupations: Bay Region</i></b>  |
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| <b>Organization</b>            | San Francisco Bay and Greater Silicon Valley Centers of Excellence, California Community Colleges  |
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| <b>Publication Type</b>        | Environmental Scan Report  |
| <b>Publication Date</b>        | March 19, 2009   |
| <b># of Pages</b>              | 59 pp.   |
| <b>URL</b>                     | <a href="http://www.coecc.net/energy">www.coecc.net/energy</a>   |
| <b>Summary</b>                 | In 2009, the San Francisco Bay and Greater Silicon Valley Centers of Excellence studied eight energy efficiency occupations that are most relevant to community colleges. This environmental scan's findings are based on survey responses from more than 700 firms that hire energy efficiency workers in the 12-county Bay Area.   |
| <b>Key Findings</b>            | Employers are projected to add as many as 13,000 new jobs over the next three years in this cluster of eight occupations.  |
| <b>Recommendations</b>         | The findings from this report support the creation, adaptation and expansion of energy efficiency courses and programs at Bay Area community colleges to meet the projected employer demand for skilled workers, and provide additional employment opportunities for students.   |
| <b>Definition of "Green"</b>   | For the purposes of this study, the energy efficiency sector was defined as those firms that:<br>a) deliver energy efficiency services as their primary focus,<br>b) are public or private utilities or agencies who hire energy efficiency workers,<br>c) are large customers of energy utilities who hire energy efficiency workers.   |
| <b>Methodology</b>             | See Appendix C of the report for the Study Methodology   |
| <b>Data Sources Cited</b>      | See References on page 29 of report for data sources   |
| <b>Report Geography</b>        | San Francisco Bay Area, 12 County region   |
| <b>Green Occupations Cited</b> | <ol style="list-style-type: none"> <li>1) Energy auditor or home energy rater</li> <li>2) Building performance or retrofitting specialist</li> <li>3) Project manager for construction or design work</li> <li>4) Compliance analyst or energy regulation specialist</li> <li>5) Resource conservation or energy efficiency manager</li> <li>6) HVAC mechanics, technicians or installers</li> <li>7) Building controls systems technician</li> <li>8) Building operator or building engineer</li> </ol> |
| <b>Green Industries Cited</b>  | The firms surveyed were primarily from three industries: 1) public or private utilities or agencies, 2) building design and construction, and 3) building or facility operations and maintenance.  |
| <b>Keywords</b>                | Energy efficiency  |
| <b>Legislation Cited</b>       | Yes. See Appendix F for California Legislation and Policy related to Energy Efficiency   |
| <b>Bibliography (Y/N)</b>      | Yes  |
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