

Digest of Green Reports and Studies

Title	<i>Energy Pathways for the California Economy</i>
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Organization	Next 10
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Publication Type	Economic Development Plan
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# of Pages	86 pp.
URL	http://www.next10.org/next10/pdf/PDF_energy/energy_pathways_full_report.pdf
Summary	The report evaluates California's energy demand and supply horizons, and estimates the economic effects of various energy scenarios. Independent forecasting models used in the report indicate that improvements in energy efficiency and deployment in renewable energy resources will lower the state's dependence of foreign fuel supplies, stimulate California's economy, and create jobs.
Key Findings	<ul style="list-style-type: none"> • California's per capita energy consumption has remained flat for the past decade, while the rest of the country has increased by 60 percent • Growth in population, new home size, and operating air conditioners have increased the state's total energy consumption • Expected demand for energy will lead to greater reliance on foreign fuel sources • Production structure and consumption patterns are main drivers of energy needs • Renewable fuel generation is more job intensive and less price volatile than carbon fuel • Improvements in energy efficiency and deployment of renewable energy resources will create jobs in California • Indirect "green job" employment is the primary source of employment in these trends
Recommendations	<ul style="list-style-type: none"> • Federal or state mandated energy efficiency requirements for air conditions • Supplement central heating/air conditioning with ventilation systems that use a small amount of energy • Increased investment in education and training for HVAC technicians • In low humidity areas, use evaporative coolers as an alternative to central air conditioning • Pursue an aggressive schedule of renewable fuel and energy efficiency deployment
Definition of "Green"	N/A
Methodology	Review of existing evidence Independent forecasting model – Berkeley Energy and Resources (BEAR)
Data Sources Cited	California Employment Development Department dataset California Energy Commission Global Energy Decision, Inc. Global Wind Energy Council Renewable Energy Policy Project Center for Renewable Energy and Sustainable Technology American Wind Energy Association Energy Information Administration California Public Interest Research Group
Report Geography	California
Green Occupations Cited	N/A
Green Industries Cited	Agriculture, oil and gas, electricity, renewables, natural gas distribution, construction, food processing, oil refining, chemicals, pharmaceutical, cement, metals, machinery, electronic app and semi, vehicles, other industry, wholesale trade, retail trade, transportation services, other private services. (See tables 1 and 2)
Keywords	California; energy efficiency; renewable energy; solar power; HVAC; wind power; green jobs; supply and demand; economic growth; job creation, forecasting
Legislation Cited	CA #S-3-05 - Executive Order CA AB 32 - Global Warming Solution Act CA CSI - California Solar Initiative CA NSHP - New Solar Homes Partnership
Bibliography (Y/N)	Y
Reviewer Name/Org	R. Shiroy / EDD, Labor Market Information Division

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