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Clean Energy Jobs Growing 10 Times Faster than Statewide Average

Prop. 23 Would Kill Hundreds of Thousands of Jobs

Prop. 23 is designed to kill competition and jobs from clean energy and clean technology businesses in order to keep California addicted to their dirty, costly oil. If Prop. 23 passes, it would kill hundreds of thousands of manufacturing, construction and other jobs in our state.

That's because AB 32 has launched California to the forefront of the clean technology industry. Clean energy businesses are locating and expanding in California *specifically because of AB 32*. In fact, clean technology jobs are growing 10 times faster than the statewide average. According to a new report by California's Employment Development Department, **more than 500,000 employees already work part or full-time in so-called "green" jobs.**

- ✓ **93,143 of these jobs are in manufacturing**
- ✓ **67,973 are in construction**

The oil companies deceptively claim they want to reduce unemployment. But killing off California's fastest growing industry is a recipe for higher, not lower, unemployment. Below are examples of companies expanding green manufacturing, construction and other jobs in California. There are hundreds of examples like these throughout the state.

Manufacturing Jobs

In recent months, dozens of companies have announced they would be locating manufacturing plants in California, specifically because of our state's progressive clean energy laws. For example:

- **Tesla** announced plans to begin manufacturing electric cars at the old NUMMI plant in Fremont, including a \$50 million investment from **Toyota**. Tesla said it plans to hire about 1,000 workers.
- In Sept. 2009, **Solyndra, Inc.** commenced construction of its second solar panel manufacturing plant (Fab 2) in Fremont. Solyndra estimated that the construction of Fab 2 would employ over 3,000 people and the ongoing operation of the facility would create over 1,000 jobs.
- **Nanosolar** employs 250 workers at its solar cell manufacturing plant in San Jose.
- Solar panel manufacturer **Solaria Corp.** announced in early June it will move to a new location in Fremont to expand its manufacturing space.
- **Solar Power, Inc.** in March selected McClellan Business Park in Sacramento as the site for a 100,000 square foot U.S. manufacturing facility to build solar panels. The facility will generate 120 construction jobs during the construction phase, and another 100 full-time jobs in manufacturing and administrative positions upon completion.
- **SunPower**, a Silicon Valley-based manufacturer of high-efficiency solar cells, panels and systems, chose Milpitas as the home of its new manufacturing facility. The move will create up to 100 jobs this year.

(more)

Manufacturing Jobs (Continued)

- **Kyocera International**, a manufacturer of solar modules, selected San Diego as the location of its first U.S. manufacturing site for solar panels. The expansion means **up to 75 new jobs.**
- **SV Green Tech**, a company that manufactures solar photovoltaic modules and components in San Leandro, **foresees hiring more than 75 employees** for its manufacturing facility this year.
- In April 2010, **N Solar Inc.** announced its plan to open a solar module manufacturing plant in California. With an initial 100MW production capacity, N Solar will begin manufacturing solar panels in the fourth quarter of this year.
- **Serious Materials**, based in Sunnyvale with a manufacturing plant in Newark, creates super-insulated windows and green alternatives to standard drywall. They employ **375 workers** – manufacturing and warehouse jobs – and supply products that are installed by construction trade workers.

Energy Generation / Construction Jobs

- There are 10,000 megawatts of renewable power in California currently competing for federal stimulus dollars – directly because of AB 32. The total public and private investment from these projects is **\$30 billion and 15,000 new jobs.** For example:
 - The **Abengoa Project** is a 250 MW solar thermal project in San Bernardino County that will generate over **1200 jobs.**
 - **CE Obsidian Energy** will build a 159 MW geothermal project in Imperial County.
 - **BrightSource Energy** plans to begin building a solar plant in the Mojave Desert by the end of 2010. The project will create **1,000 construction jobs for 3 years.**
 - **NextEra Energy Resources** has proposed a 250MW solar energy project in Kern County. The project will employ up to **1,000 workers at the peak of construction.**
 - **Terra-Gen Power** began construction on its Alta Wind Energy Center project in Tehachapi in April 2010. The project has already created over 100 jobs and will create more than **300 jobs** by this summer.
 - In March, **First Solar announced plans to** build a 550 MW solar plant in east Riverside County that will create **430 construction jobs.** First Solar **is also planning an additional 1000** megawatts at 4 sites in San Luis Obispo, Riverside, San Bernardino, and Kern Counties.
 - **Nextlight Renewables** is currently developing a 230 MW solar plant in the Antelope Valley. Construction of its AV Solar Ranch One will produce **approximately 300 jobs.**
 - **Clean World Partners** will **hire over 220 people** for the construction, operations, and management of their waste conversion facility planned for the Sacramento Area. This facility will convert 100 tons of organic (food and green) waste into roughly 2,200 gallon equivalents of compressed natural gas each day.
 - **Solar Millenium LLC** has three proposed solar thermal plants, totaling more than 1700 MW throughout Riverside and Kern Counties that will employ **thousands of construction** workers.
 - **Iceland America** will build a 49 MW geothermal project in Imperial County.

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Energy Generation / Construction Jobs (Continued)

- **Southern California Edison** just announced plans to partner with ProLogis to install solar panels on 15 million square-feet of warehouse roofs in the Inland Empire. This venture will create as many as **1,200 green jobs**.
- **Pacific Gas & Electric** will build 250 MW of solar projects throughout northern and central California, creating **several thousand construction jobs**.
- In June 2010, **PG&E also announced** that it has teamed up with SunRun to create a **\$100 million fund** to finance rooftop solar installations.
- **Hydrogen Energy California** is a 390 MW commercial gasification and carbon sequestration project currently being planned for western Kern County. The project represents \$2 billion in private investment along with \$300 million from Federal stimulus funding. The project will employ **more than 1,500 construction workers for three years** and provide **permanent employment for another 100**.

Green Building / Construction

- Creating energy efficient commercial and residential properties and retrofitting existing buildings will create tens of thousands of jobs in California and billions upon billions of economic activity directly for building trades workers and product manufacturers. For example:
 - In Sept. 2009, the **California Public Utilities Commission** authorized a \$3.1 billion investment in energy efficiency programs that the PUC estimates will create **between 15,000 -18,000 jobs**. The program will fund activities such as:
 - Funding for local governments, state colleges and universities, and state agencies to retrofit buildings and for energy efficiency products and programs.
 - Funding to build “zero net energy” commercial and residential buildings.
 - Funds to make industrial properties more energy efficient.
 - **Serious Materials**, based in Sunnyvale with a manufacturing plant in Newark, creates super-insulated windows and green alternatives to standard drywall. They employ **375 workers** – manufacturing and warehouse jobs – and supply products that are installed by construction trade workers.