




CALIFORNIA

THE CLEAN ENERGY PLAN IS TURBOCHARGING CALIFORNIA'S ECONOMY, POSITIONING IT AS A CLEAN ENERGY PRODUCTION POWERHOUSE

Passing the clean energy plan has kicked America's clean energy sector into high gear, and in California, that means the state is becoming a solar and battery manufacturing powerhouse. Across the state, new clean energy projects have already spurred \$15.95 billion in investment, the sixth highest in the country, and created or moved forward over 9,039 good-paying clean energy jobs. California also ranks fourth in the nation for new clean energy projects, with companies announcing 36 new projects statewide since the clean energy plan's passage spanning six sectors: solar, wind, clean technologies, batteries, hydrogen, and EVs. In California's low-income communities, companies have announced \$8.55 billion in investment and the creation of 4,875 good-paying clean energy jobs. The clean energy plan will continue to accelerate the clean energy jobs boom while lowering energy costs for families, investing in disadvantaged communities, and reducing climate pollution across the state.

CLEAN ENERGY PROJECTS IN CALIFORNIA SINCE THE PASSAGE OF THE CLEAN ENERGY PLAN			
\$15.95 B		9,039	
INVESTMENTS IN NEW CLEAN ENERGY PROJECTS			JOBS IN CALIFORNIA
PROJECT	LOCATION	\$ INVESTED	JOBS CREATED
CALIFORNIA NORTH FLOATING OFFSHORE WIND FARM	HUMBOLDT COUNTY	\$173.8 MILLION	-
RWE OFFSHORE CALIFORNIA NORTH COAST WIND LEASE	HUMBOLDT COUNTY	\$157.7 MILLION	-
BOSCH SEMICONDUCTOR FACILITY EXPANSION	ROSEVILLE	\$1.5 BILLION	-
SPI SOLAR WAFER MANUFACTURING PLANT	SACRAMENTO	-	-
MOXION GIGAFACTORY	RICHMOND	-	800 JOBS
PYKA ZERO-EMISSION AIRCRAFT MANUFACTURING FACILITY	OAKLAND	-	150 JOBS
BESS MANUFACTURING MERCED EXPANSION	MERCED	\$250 MILLION	855 JOBS
SPARKZ LIVERMORE MANUFACTURING PLANT	LIVERMORE	\$700 MILLION	800 JOBS



CENTRAL CALIFORNIA OFFSHORE WIND FARM	SAN LUIS OBISPO COUNTY	\$150.3 MILLION	-
EQUINOR CENTRAL COAST OFFSHORE WIND FARM	MORRO BAY	\$130 MILLION	-
INVENERGY CALIFORNIA OFFSHORE WIND FARM	SAN LUIS OBISPO COUNTY	\$145.3 MILLION	-
STATEVOLT GIGAFACTORY	IMPERIAL COUNTY	\$4 BILLION	2,500 JOBS
SUNLIGHT STORAGE II BATTERY ENERGY STORAGE SYSTEM	DESERT CENTER	-	-
PORT OF LONG BEACH OFFSHORE WIND TERMINAL	LONG BEACH	\$4.7 BILLION	-
SYMBIO HYDROGEN TRUCK FUEL CELL FACTORY	TEMECULA	-	63 JOBS
AES CALIFORNIA SOLAR AND STORAGE EXPANSION	ADELANTO, BAKERSFIELD, BLYTHE, LANCASTER & SAN JOSE	-	120 JOBS
TESLA EV MANUFACTURING FACILITY	FREMONT	-	-
TERABASE SOLAR HARDWARE FACILITY	WOODLAND	-	-
NEXTRACKER AND ASTEELFLASH UTILITY-SCALE SOLAR TRACKER MANUFACTURING	FREMONT	\$3 MILLION	-
AMPLE BATTERY FACILITY	BRISBANE	-	-
VERDAGY HYDROGEN ELECTROLYZER MANUFACTURING FACILITY	NEWARK	-	-
LYTEN BATTERY MANUFACTURING FACILITY	SAN JOSE	-	-
RYVID EV ASSEMBLY FACILITY	SAN BERNARDINO	-	-
CENNTRO AUTOMOTIVE EV ASSEMBLY PLANT	ONTARIO	-	-
AMERICAN LITHIUM ENERGY CORP. BATTERIES FACILITY	CARLSBAD	\$26 MILLION	-
SOUTH 8 TECHNOLOGIES BATTERIES FACILITY EXPANSION	SAN DIEGO	-	6 JOBS
WILDCAT DISCOVERY TECHNOLOGIES BATTERY FACILITY	SAN DIEGO	-	-
RYVID BATTERY PACK MANUFACTURING FACILITY	EL CAJON	-	-
SOLAR4AMERICA EXPANSION	SACRAMENTO	-	400 JOBS
SPARKZ CALIFORNIA BATTERY MANUFACTURING FACILITY	RANCHO CORDOVA	\$1 BILLION	1,100 JOBS



JOBY MANUFACTURING FACILITY	SAN CARLOS, SANTA CRUZ	\$41.3 MILLION	690 JOBS
CAELUX PEROVSKITE-COATED SOLAR GLASS FACTORY	LOS ANGELES	\$24 MILLION	21 JOBS
ANTORA THERMAL BATTERY MANUFACTURING FACILITY	SANTA JOSE	-	-
CONTROLLED THERMAL RESOURCES HELL'S KITCHEN LITHIUM AND POWER PROJECT	NILAND	\$1.9 BILLION	1,400
ELAND 2 SOLAR-PLUS-STORAGE PROJECT	KERN COUNTY	\$1.1 BILLION	-
MULLEN EV BATTERY MANUFACTURING FACILITY	FULLERTON	-	-

SOURCE: CLIMATE POWER, STATE OF THE CLEAN ENERGY BOOM REPORT, MARCH 2024

SPOTLIGHT: CALIFORNIA CLEAN ENERGY PROJECTS

Since the passage of the clean energy plan, clean energy projects in California have been able to move forward, creating jobs and investing in the state's clean energy economy:

- California is becoming a hub for battery manufacturing. In May 2023, [Moxion announced it would](#) open a gigafactory in Richmond, creating 800 new jobs after the company's CEO called the clean energy plan a "huge value creator" that would accelerate domestic battery market opportunities. In April 2023, BESS Manufacturing announced plans to invest [over \\$250 million](#) to open a battery storage manufacturing facility in Merced, creating 855 jobs in the Central Valley. Other battery companies, such as [Ample](#), [American Lithium Energy Corp.](#), and [South 8 Technologies](#) also announced new investments in the state.
- Statevolt is also expanding its battery manufacturing ambitions in California, with plans to construct a [\\$4 billion, 54 GWh lithium-ion manufacturing plant in Southern California](#), to further the production of EV batteries in the state. Statevolt's CEO called the clean energy plan a "game-changer for the U.S. energy transition value chain." Statevolt is also prioritizing a "hyperlocal" business model that will create [good-paying jobs](#) in California's Imperial Valley.
- In January 2024, Controlled Thermal Resources (CTR) broke ground on its [\\$1.85 billion Hell's Kitchen Lithium and Power Project](#) near Niland, CA. Biden administration officials attended the ceremony. The company estimated that approximately 220 direct jobs would be created in stage one, 940 direct jobs in stage two, and [1,400 direct jobs](#) once full project capacity is reached. CTR said [95 percent of the workforce](#) would be residents of Imperial County, CA, and the jobs would pay almost twice as much as the average salary in the community.



- In November 2023, Sparkz announced it would invest [over \\$1 billion](#) to open an EV battery manufacturing facility in Rancho Cordova, California. The facility, which will create 1,100 high-paying jobs, will be Sparkz's main U.S. manufacturing facility and include an [onsite workforce development center](#).
- California is also becoming a hub for solar generation and manufacturing, with seven new projects announced in the state. In March 2023, Solar4America announced an [expansion of its Sacramento operations](#), adding 56,000 square feet of space and 400 new jobs to its U.S. headquarters to enable the company to ramp up solar panel production. The announcement follows announcements from [Caelux](#) and [SPI Energy](#) to increase solar manufacturing in the state.

SPOTLIGHT: CLEAN ENERGY JOBS IN CALIFORNIA'S LOW-INCOME COMMUNITIES

Since the passage of the clean energy plan, new clean energy projects have spurred economic growth in California's low-income communities:

- 53.93% of new clean energy jobs, 40.3% of new investment, and 22.2% of projects in California are located in low-income communities.
- Nationwide, California ranks sixth for the highest number of new clean energy jobs (4,875) and fifth for clean energy investments (\$6.43 billion) in low-income communities.
- In April 2023, BESS Manufacturing announced plans to invest [over \\$250 million](#) to open a battery storage manufacturing facility in Merced, creating 855 jobs in the Central Valley.
- Statevolt is also expanding its battery manufacturing ambitions in California, with plans to construct a [\\$4 billion, 54 GWh lithium-ion manufacturing plant in Southern California](#), to further the production of EV batteries in the state. Statevolt's CEO called the clean energy plan a ["game-changer for the U.S. energy transition value chain."](#) Statevolt is also prioritizing a "hyperlocal" business model that will create [good-paying jobs](#) in California's Imperial Valley.
- In April 2023, AES received a tax credit to expand its California [solar storage operations](#) in Adelanto, Bakersfield, Blythe, Lancaster, and San Jose, creating 120 jobs.

SPOTLIGHT: CLEAN ENERGY JOBS IN GOP DISTRICTS

Since the passage of the clean energy plan, new clean energy projects have brought jobs and investments to California districts represented by Republican members of the House:

- Five of California's 36 projects are in Republican-held districts, representing \$2.85 billion in investment and 1,058 new jobs.



- **California's 3rd Congressional District:** Represented by Rep. Kevin Kiley, this district has attracted two new clean energy projects, generating \$1.5 billion in investments. Kiley opposed the clean energy plan, calling [the legislation a "sham."](#)
- **California's 13th Congressional District:** Represented by Rep. John Duarte, this district has attracted one new clean energy project, generating 855 new jobs and \$250 million in investments. Duarte opposed the clean energy plan, [calling it a "very socialist" program.](#)
- **California's 23rd Congressional District:** Represented by Rep. Jay Obernolte, this district has attracted one project with \$1.1 billion in investment. Obernolte [voted against](#) the clean energy plan and [claimed the legislation](#) "spends \$350 billion on 'Green New Deal' initiatives while instituting a new American energy tax and a made-in-America tax."
- **California's 48th Congressional District:** Represented by Rep. Darrell Issa, this district has attracted one new clean energy project, generating 63 new jobs. Issa [voted against](#) the clean energy plan and claimed the legislation [would not lower inflation.](#)

SNAPSHOT: CALIFORNIA'S CLEAN ENERGY ECONOMY

Overall, California's clean energy economy is booming, with over 523,000 clean energy jobs across the state as of 2022, including jobs in renewable electricity generation, energy storage, energy efficiency, and clean vehicles. As the largest U.S. investment in clean energy and climate in history, the clean energy plan will continue to reshape and recharge our economy for many decades to come. The Made in America clean energy boom is just getting started.

