

2021 ARIZONA CLEAN ENERGY JOBS & ECONOMIC IMPACT REPORT



Arizona is a leading state for solar energy, ranking 5th for installed solar capacity, and is home to more than 360 solar-related businesses. In the solar industry alone, Arizona has created almost 8,000 jobs, attracted approximately \$15 billion dollars of capital investment, and generates tens of millions of dollars in annual tax revenues across the state.

Solar is not the only clean energy sector creating jobs in Arizona. There are nearly 40,000 Arizonans employed in energy efficiency and Arizona is surging with startup electric vehicle (EV) jobs and investment. Although Arizona is currently ranked 26th in the nation for installed wind energy, it is ranked 5th for highest wind energy potential. With Arizona utilities needing to source 100% of energy from carbon-free sources by 2070, it is likely that wind will become a well-utilized energy source and, along with solar, brings billions more of investment and low cost energy to the state for decades.

AZ CLEAN ENERGY JOBS = 56,504



Solar & Wind
Energy

10,104



Clean
Vehicles

3,188



Energy
Efficiency

39,880



Storage &
Grid

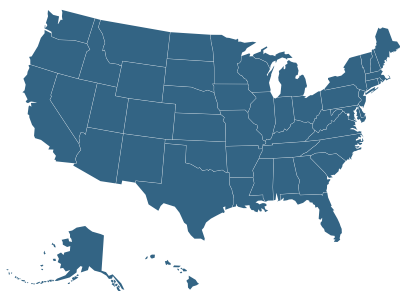
2,176

Clean Energy Employment

#19 Total in the Nation

#6 Solar Employment

7.4% Job Growth
2018-2020



National Clean Energy Jobs = **3,048,603**

Energy
Efficiency

2,107,174

Renewable
Energy

492,891

Grid &
Storage

137,872

Electric
Vehicles

273,630

Arizona

RENEWABLE ENERGY ECONOMIC BENEFITS

\$15 billion +



Capital invested in wind, solar, and energy storage projects

\$26.7 million

Annual property, state, and local taxes paid in Arizona via renewable energy projects

\$17.1 million

Annual income to farmers, ranchers, and other private landowners via drought-proof land lease payments

Spotlight:

ARIZONA'S ELECTRIC VALLEY

A growing number of EV and supply chain companies in the Phoenix area have some referring to the region as the "Electric Valley". Whereas the central U.S. has established automotive companies building internal combustion and electric vehicles, Arizona is attracting the startup EV sector, bringing with it thousands of jobs and billions of capital investment.

EV companies that are (or will be) manufacturing in Arizona include Lucid Motors, Nikola Motor, Electra Meccanica, Zero Electric Vehicles, and Atlis Motors. These companies have attracted an impressive supply chain industry that includes lithium-ion battery companies, KORE Power and EnPower; battery recycling company, Li-Cycle; and parts manufacturer, UACJ Whitehall.

Notable economic impacts from the above companies include:

- **Lucid Motors:** 6,000 jobs, \$100 million capital investment
- **Nikola Motor:** 1,800 jobs, \$1 billion capital investment
- **KORE Power:** 3,000 jobs
- **UACJ Whitehall:** 350 jobs, \$60 million investment
- **Zero Electric Vehicles:** 300 jobs

Key Sources:

1. E2: Clean Jobs America 2021, <https://e2.org/wp-content/uploads/2021/04/E2-2021-Clean-Jobs-America-Report-04-19-2021.pdf>
2. American Clean Power, https://cleanpower.org/wp-content/uploads/2021/10/Arizona_clean_energy_factsheet.pdf
3. SEIA, <https://www.seia.org/state-solar-policy/arizona-solar>
4. Office of Gov. Doug Ducey, <https://azgovernor.gov/governor/news/2021/09/lucid-motors-starts-production-lucid-air-amp-1-factory-casa-grande>

Find the full list of resources at https://www.chambersforinnovation.com/az_cleanenergyjobsreport_sources

