

ENERGY 101

WHAT YOU NEED TO KNOW



Nevada 2017 Edition

CLEAN ENERGY PROJECT is the business voice of Nevada's clean energy economy.

- 500 Nevada businesses supporting comprehensive clean energy policies
- 125 small businesses implementing energy efficiency measures to reduce carbon footprint
- Trusted bi-partisan resource on clean energy policies

WHY RENEWABLES?

Nevada leads the nation for clean energy potential due to its geography, climate and economic position, making renewable development a natural economic driver.¹

- Approximately 82% of Nevada's electricity is generated using natural gas or coal.²
- Despite Nevada's clean energy potential, less than 18% of the state's electricity comes from renewable resources.³
- Nevada produces no coal or natural gas, so it must be imported from neighboring states to power homes and businesses.
- Providing companies direct access to clean energy is a "win-win for states." It attracts private investment and drives economic growth.⁴

NEVADA IS POISED TO LEAD ON CLEAN ENERGY

Bi-partisan leadership and support from numerous stakeholder groups have aligned to pave Nevada's path forward on renewable energy development. According to a survey commissioned by CEP, 74% of Nevada voters believe the state government should promote renewable energy development.⁵ Nevada Governor Brian Sandoval joined the Governors' Accord for a New Energy Future⁶ and outlined his plan to make Nevada "the nation's leading producer and consumer of clean and renewable energy."⁷

"I remain committed to pursue policies that will allow Nevada to continue to lead the nation in renewable energy production, energy conservation, and the exportation of energy." – Governor Brian Sandoval

RENEWABLE ENERGY BY THE NUMBERS

- As of 2016, Nevada has installed more than 2,900 megawatts of renewable energy.⁸
- Governor's Office of Energy tax abatements of \$685 million on utility scale projects have brought \$6.6 billion in capital investments, payroll and taxes paid and more than 4,300 jobs. This represents a 9 to 1 return on investment.⁹
- Example: Silver State South exports power to 80,000 homes, created more than 2,100 construction jobs, and raised more than \$78 million in property taxes contributing to the local economy.¹⁰
- NREL projects that aggressive renewable energy targets could generate an additional \$5 billion in wages and 92,000 jobs in Nevada.¹¹





BUSINESSES ARE DEMANDING CLEAN ENERGY

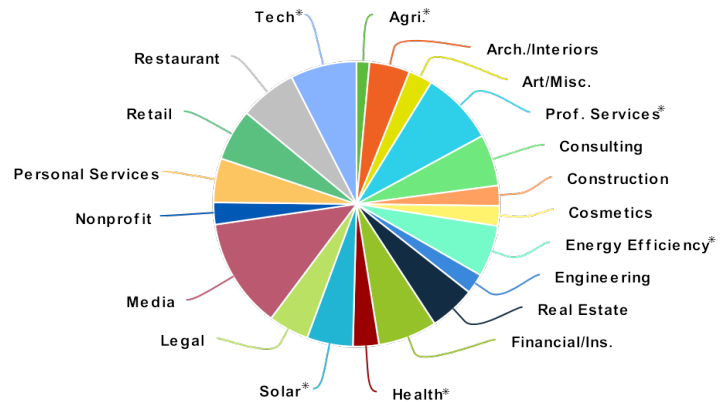
Sustainability and renewable energy targets are becoming the norm for corporate social responsibility standards. Companies representing industries outlined in Governor Sandoval’s economic development plan are seeking direct access to renewable energy and clean energy policies that mirror their corporate values. 71% of Fortune 100 and 43% of Fortune 500 companies have adopted renewable energy goals.¹²

“Direct sourcing [of clean energy] is important to us because our goal is the transformation of the electric grid.”

– Brian Janous, Microsoft Director of Energy



CLEAN ENERGY PROJECT’S BUSINESS SUPPORTER INDUSTRIES¹³



CONTACT US:

Clean Energy Project
817 S. Main Street
Las Vegas, Nevada 89101
702-987-4556

Karen Wayland, Ph.D.
Executive Director
kwayland@cepnv.org

Jarrett Clark
Program Director
jclark@cepnv.org

 CleanEnergyProjectNV.org

 /CleanEnergyProjectNV

 @CleanEnergyNV

CEP LEGISLATIVE PRIORITIES IN 2017

- revitalize Nevada’s Renewable Portfolio Standard and cement its status as a clean energy leader
- establish goals and programs for energy efficiency
- modernize Nevada’s energy resource planning process to prioritize renewable energy and plan for new technologies
- shape Nevada’s electric vehicle and energy storage markets
- provide financing options that will allow more Nevadans to access renewable energy and energy efficiency

1. Las Vegas Sun, <https://lasvegassun.com/news/2015/mar/16/nevada-hotbed-geothermal-activity/>, SEIA Top 10 Solar States, <http://www.seia.org/research-resources/top-10-solar-states>
2. NV Energy Southern & Northern Nevada power content bill insert, https://www.nvenergy.com/bill_inserts/
3. *ibid.*
4. Advanced Energy Economy, <https://www.aee.net/articles/aee-report-finds-pro-renewables-policies-states>
5. Clean Energy Project & Tarrance Group, <http://cleanenergyprojectnv.org/newsroom/new-poll-nevadans-overwhelmingly-support-clean-energy>
6. Governors’ Accord for a New Energy Future, <http://www.governorsnewenergyfuture.org/the-accord/>
7. Nevada’s Strategic Planning Framework, <http://gov.nv.gov/uploadedFiles/govnvgov/Content/StrategicPlan/GovernorsPlanningFrameworkFinal.pdf>
8. NV Energy Renewable Energy Report 2016-17, https://www.nvenergy.com/brochures_arch/RenewablesBrochure.pdf
9. NV Governor’s Office of Energy Renewable Energy Tax Abatement Fact Sheet, https://www.nvenergy.com/brochures_arch/RenewablesBrochure.pdf
10. NextEra Energy, http://www.nexteraenergy.com/energynow/2016/1216/1216_cover.shtml
11. National Renewable Energy Laboratory, Renewable Electricity Futures report, http://energy.nv.gov/uploadedFiles/energyngov/content/Media/DGA_Report_NV_v5_SMALL.PDF
12. Advanced Energy Economy, Corporate Advanced Energy Commitments report, http://info.aee.net/hubfs/PDF/F100_F500.pdf
13. *denotes CEP business supporters within Brookings and GOED’s key industry sectors. Brookings Mountain West, Advanced Energy Economy, Corporate Advanced Energy Commitments report, http://info.aee.net/hubfs/PDF/F100_F500.pdf, Nevada Governor’s Office of Economic Development, <http://www.diversifynevada.com/key-industries>