

Photo: Valley of Fire State Park by the Nevada
Department of Conservation and Natural Resources

State Clean Energy Jobs Fact Sheet 2016-2019

NEVADA

Nevada is aggressively pursuing bold climate action to reduce greenhouse gas emissions and enhance the resilience of its communities and natural resources. In August 2020, Governor Sisolak launched the State of Nevada Climate Initiative (NCI) to ensure a healthy, vibrant, climate-resilient future for the Silver State. Nevada has also committed to reducing greenhouse gas emissions to net-zero by 2050. One of the first projects of the NCI will be to develop a climate strategy, which will provide the framework for future climate action across the state.

This fact sheet was produced by BW Research on behalf of the U.S. Climate Alliance. Jobs metrics presented for individual states in the appendix are consistent with the policy definitions of clean energy technologies for the respective states. Therefore, aggregated values from the appendix will differ slightly from cumulative values shown in the main report. It should be noted that employment totals represent the last quarter of 2019, before the onset of the global Coronavirus (COVID-19) pandemic. For more information on COVID-19 impacts to the energy and clean energy industries, please see www.bwresearch.com/covid.



Clean Energy Job Growth (2016-19)

45.5%



Total Clean Energy Jobs in 2019

33,952

(Figure 1)

Largest Clean Energy Industries
Solar Electric Power Generation
Energy Storage

(Table 1)

Fastest Growing Clean Energy Industries
Storage
Traditional HVAC

(Table 2)

The strategy will evaluate the alignment of mitigation policies with the timelines and benchmarks necessary for Nevada to achieve its greenhouse gas emission reduction goals. It will also lay the groundwork for the implementation of climate governance at the state level, outline opportunities for economic recovery and diversification, and provide a platform for future efforts to support adaptation and resilience planning.

Nevada climate policy can and should be part of the state’s economic recovery. The U.S. Climate Alliance 2020 Clean Energy Employment Report indicates that this is possible, and that reducing the state’s greenhouse gas emissions, with the right attention to job quality and access, can provide opportunity for Nevada residents as they rebuild their economy.

Figure 1. Nevada Clean Energy Jobs Growth, 2016-2019

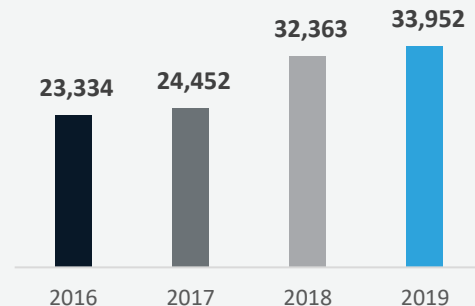


Table 1. Top 10 Clean Energy Industries by Employment, Pre-COVID-19

Industry	2019 Total Clean Energy Jobs
Solar Electric Power Generation	10,101
Storage	8,634
High Efficiency HVAC & Renewable Heating & Cooling	3,976
ENERGY STAR® & Efficient Lighting	2,253
Traditional HVAC	2,251
Advanced Materials	2,126
Other Energy Efficiency Technologies	1,382
Hybrid Electric Vehicles	599
Bioenergy & Combined Heat & Power	495
Geothermal Electric Power Generation	422

Table 2. Top 10 Largest Growth Clean Energy Industries, Pre-COVID-19

Industry	Jobs Added 2016-2019
Storage	8,322 (+2,670.9%)
Traditional HVAC	724 (+47.4%)
ENERGY STAR & Efficient Lighting	683 (+43.5%)
High Efficiency HVAC & Renewable Heating & Cooling	629 (+18.8%)
Advanced Materials	279 (+15.1%)
Bioenergy/ Combined Heat & Power	157 (+46.3%)
Geothermal Electric Power Generation	138 (+48.4%)
Hybrid Electric Vehicles	124 (+26.0%)
Wind Electric Power Generation	123 (+24,077.1%)
Other Energy Efficiency Technologies	114 (+8.9%)