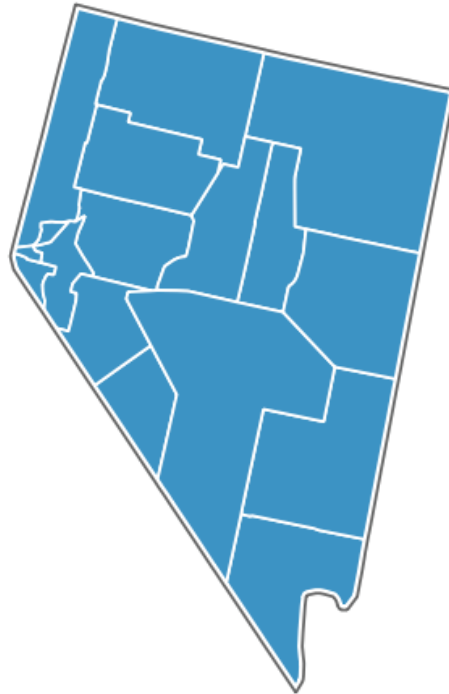




Nevada's Clean Energy Sector



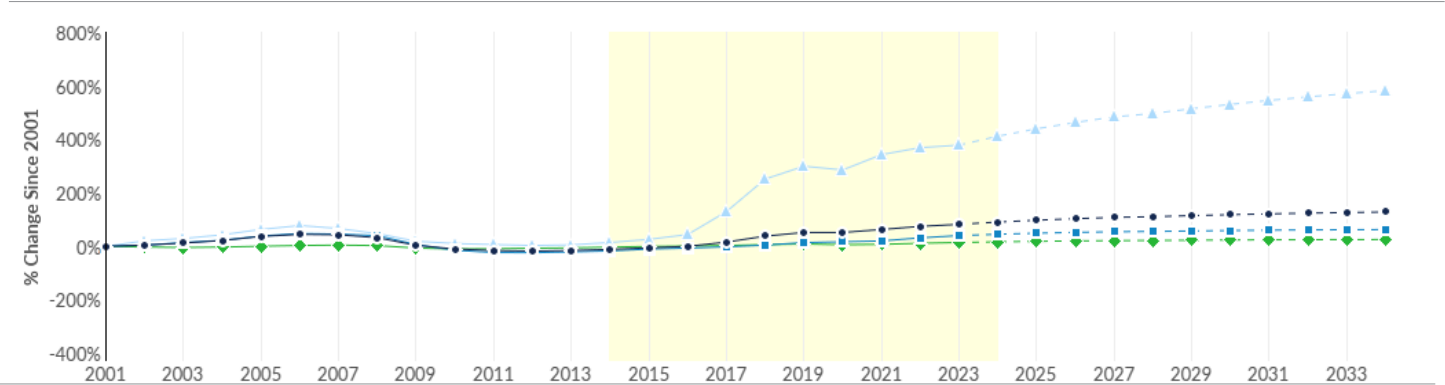
Industry Summary for Clean Energy

54,964 Jobs (2024) 20% above National average	+118.7% % Change (2014-2024) Nation: +21.2%	\$101,809 Avg. Earnings Per Job (2024) Nation: \$106,606
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Industry Detail

Payrolled Business Locations (2024)	2,047
Jobs Multiplier	4

Regional Trends



	Region	2014 Jobs	2024 Jobs	Change	% Change
●	Nevada	25,133	54,964	29,832	118.7%
●	Las Vegas, NV Metro	15,536	27,511	11,975	77.1%
●	Reno, NV	5,112	22,118	17,006	332.6%
●	United States	3,790,052	4,593,937	803,885	21.2%

Regional Breakdown of Nevada's Clean Energy Sector

County	Jobs (2014)	Jobs (2024)	Jobs Change (2014-2024)	Job Change %	Earnings (2023)	Jobs LQ (2023)
Carson City	787	973	186	24%	\$94,789	1.06
Churchill	401	477	76	19%	\$108,906	1.61
Clark	15,536	27,511	11,975	77%	\$101,491	0.83
Douglas	1,381	1,535	154	11%	\$100,595	2.54
Elko	733	986	253	35%	\$100,184	1.50
Esmeralda	5	11	6	Insf. Data	Insf. Data	0.94
Eureka	82	96	13	16%	\$167,390	0.69
Humboldt	351	232	(119)	(34%)	\$150,080	1.07
Lander	29	116	87	299%	\$125,209	1.09
Lincoln	23	22	(0)	(1%)	\$78,780	0.58
Lyon	383	548	165	43%	\$95,684	1.30
Mineral	16	5	(11)	Insf. Data	Insf. Data	0.18
Nye	374	635	261	70%	\$100,517	1.54
Pershing	29	17	(13)	(43%)	\$140,672	0.29
Storey	180	13,295	13,115	7292%	\$104,402	23.93
Washoe	4,549	8,275	3,726	82%	\$97,426	1.14
White Pine	109	101	(8)	(7%)	\$108,147	0.78

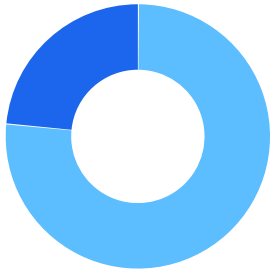
Top Occupations Employed in these Industries

Description	Employed in Industry Group (2023)	% of Total Jobs in Industry Group (2023)
Plumbers, Pipefitters, and Steamfitters	4,484	8.6%
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	3,775	7.2%
Construction Laborers	2,744	5.2%
General and Operations Managers	2,215	4.2%
Miscellaneous Assemblers and Fabricators	2,032	3.9%

Industry Requirements (Top Supply Chain)

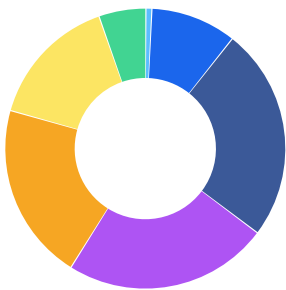
Purchases from	In-region Purchases	Imported Purchases	Total Purchases
Nonferrous Metal (except Aluminum) Smelting and Refining	\$18,265,646	\$212,127,481	\$230,393,126
Iron and Steel Mills and Ferroalloy Manufacturing	\$0	\$199,876,421	\$199,876,421
Petroleum Refineries	\$23,471,543	\$175,534,424	\$199,005,966
Electric Power Distribution	\$116,027,760	\$63,123,280	\$179,151,040
Crude Petroleum Extraction	\$51,096,533	\$80,846,312	\$131,942,845

Industry Gender Breakdown



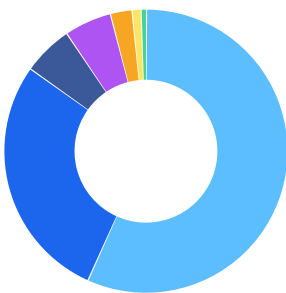
Gender	2024 Jobs	2024 Percent
● Males	41,580	75.6%
● Females	13,385	24.4%

Industry Age Breakdown



Age	2024 Jobs	2024 Percent
● 14-18	398	0.7%
● 19-24	5,518	10.0%
● 25-34	13,458	24.5%
● 35-44	12,985	23.6%
● 45-54	11,040	20.1%
● 55-64	8,249	15.0%
● 65+	3,318	6.0%

Industry Race/Ethnicity Breakdown



Race/Ethnicity	2024 Jobs	2024 Percent
● White	29,624	53.9%
● Hispanic or Latino	16,131	29.3%
● Black or African American	3,398	6.2%
● Asian	3,393	6.2%
● Two or More Races	1,425	2.6%
● American Indian or Alaska Native	606	1.1%
● Native Hawaiian or Other Pacific Islander	388	0.7%

Industry Breakdown of Nevada's Clean Energy Sector

NAICS	Description	2014 Jobs	2023 Jobs	2014 - 2024 Change	Avg. Earnings Per Job	2023 Location Quotient
211130	Natural Gas Extraction	13	0	(13)	\$0	0.00
221111	Hydroelectric Power Generation	0	0	0	\$0	0.00
221112	Fossil Fuel Electric Power Generation	612	489	(123)	\$216,202	0.67
221113	Nuclear Electric Power Generation	0	0	0	\$0	0.00
221114	Solar Electric Power Generation	20	433	413	\$125,045	2.67
221115	Wind Electric Power Generation	<10	<10	Insf. Data	Insf. Data	0.09
221116	Geothermal Electric Power Generation	185	311	126	\$161,940	22.14
221117	Biomass Electric Power Generation	0	0	0	\$0	0.00
221118	Other Electric Power Generation	0	0	0	\$0	0.00
221121	Electric Bulk Power Transmission and Control	0	166	166	\$184,038	0.60
221122	Electric Power Distribution	1,695	1,798	103	\$175,065	0.78
221210	Natural Gas Distribution	1,176	1,297	121	\$169,891	1.12
221310	Water Supply and Irrigation Systems	113	222	109	\$99,228	0.41
221320	Sewage Treatment Facilities	<10	48	Insf. Data	\$129,244	0.65
221330	Steam and Air-Conditioning Supply	79	<10	Insf. Data	Insf. Data	0.52
237110	Water and Sewer Line and Related Structures Construction	1,797	3,686	1,889	\$92,325	1.70
237120	Oil and Gas Pipeline and Related Structures Construction	563	816	253	\$82,893	0.56
237130	Power and Communication Line and Related Structures Construction	1,711	3,455	1,743	\$113,227	1.36
238220	Plumbing, Heating, and Air-Conditioning Contractors	8,574	16,964	8,390	\$90,127	1.20
238910	Site Preparation Contractors	3,557	5,566	2,009	\$82,644	0.96
325120	Industrial Gas Manufacturing	12	<10	Insf. Data	Insf. Data	0.02
325180	Other Basic Inorganic Chemical Manufacturing	222	124	(98)	\$139,854	0.30
325193	Ethyl Alcohol Manufacturing	0	0	0	\$0	0.00
325199	All Other Basic Organic Chemical Manufacturing	34	136	102	\$148,749	0.31
332410	Power Boiler and Heat Exchanger Manufacturing	<10	0	Insf. Data	\$0	0.00
332911	Industrial Valve Manufacturing	258	244	(13)	\$85,714	0.91
332912	Fluid Power Valve and Hose Fitting Manufacturing	69	45	(23)	\$85,162	0.12

332913	Plumbing Fixture Fitting and Trim Manufacturing	<10	24	Insf. Data	\$86,855	0.20
332919	Other Metal Valve and Pipe Fitting Manufacturing	46	<10	Insf. Data	Insf. Data	0.00
333413	Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing	166	452	286	\$61,032	1.38
333414	Heating Equipment (except Warm Air Furnaces) Manufacturing	30	11	(19)	Insf. Data	0.07
333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing	140	<10	Insf. Data	Insf. Data	0.00
333611	Turbine and Turbine Generator Set Units Manufacturing	70	0	(70)	\$0	0.00
333912	Air and Gas Compressor Manufacturing	147	113	(34)	\$119,434	0.56
333914	Measuring, Dispensing, and Other Pumping Equipment Manufacturing	78	<10	Insf. Data	Insf. Data	0.03
333994	Industrial Process Furnace and Oven Manufacturing	11	83	72	\$102,468	0.84
333995	Fluid Power Cylinder and Actuator Manufacturing	<10	11	Insf. Data	\$87,702	0.07
333996	Fluid Power Pump and Motor Manufacturing	58	42	(16)	\$88,444	0.22
334416	Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing	81	98	17	\$50,284	0.52
334417	Electronic Connector Manufacturing	133	217	84	\$50,875	0.90
334419	Other Electronic Component Manufacturing	172	147	(25)	\$64,451	0.22
334512	Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use	98	51	(47)	\$91,330	0.37
334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	781	693	(88)	\$125,956	1.19

334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals	89	70	(19)	\$91,059	0.18
334519	Other Measuring and Controlling Device Manufacturing	69	70	1	\$98,588	0.16
335132	Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing	29	62	33	\$88,120	0.31
335311	Power, Distribution, and Specialty Transformer Manufacturing	77	188	111	\$103,931	0.58
335910	Battery Manufacturing	<10	13,575	Insf. Data	\$102,921	24.19
335929	Other Communication and Energy Wire Manufacturing	49	92	43	\$103,968	0.66
335931	Current-Carrying Wiring Device Manufacturing	<10	15	Insf. Data	\$73,552	0.05
335991	Carbon and Graphite Product Manufacturing	0	0	0	\$0	0.00
335999	All Other Miscellaneous Electrical Equipment and Component Manufacturing	353	224	(129)	\$146,741	0.57
423330	Roofing, Siding, and Insulation Material Merchant Wholesalers	110	292	183	\$106,502	0.62
423730	Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers	373	660	287	\$107,129	0.76
486210	Pipeline Transportation of Natural Gas	65	35	(30)	\$167,529	0.10
541360	Geophysical Surveying and Mapping Services	69	138	70	\$88,152	0.91
541620	Environmental Consulting Services	712	1,059	347	\$104,660	0.89
813312	Environment, Conservation and Wildlife Organizations	402	705	303	\$61,404	0.85

Data Sources and Calculations

Industry Data

Lightcast industry data have various sources depending on the class of worker. (1) For QCEW Employees, Lightcast primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

Input-Output Data

The input-output model in this report is Lightcast's gravitational flows multi-regional social account matrix model (MR-SAM). It is based on data from the Census Bureau's Current Population Survey and American Community Survey; as well as the Bureau of Economic Analysis' National Income and Product Accounts, Input-Output Make and Use Tables, and Gross State Product data. In addition, several Lightcast in-house data sets are used, as well as data from Oak Ridge National Labs on the cost of transportation between counties.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

State Data Sources

This report uses state data from the following agencies: Nevada Department of Employment, Training and Rehabilitation