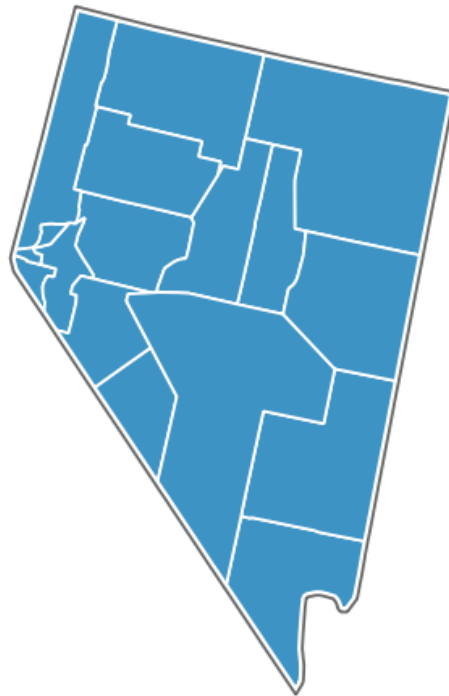




Nevada's Clean Energy Sector



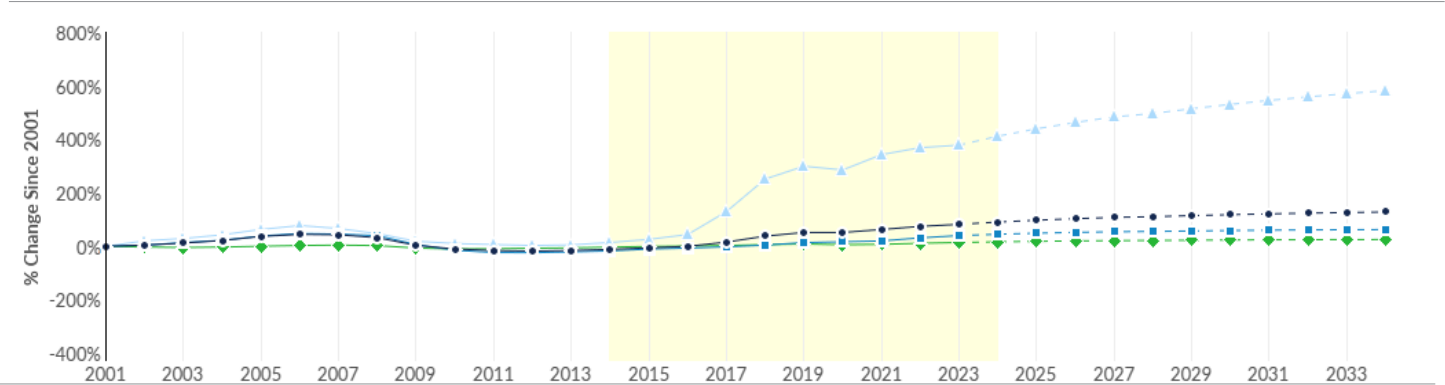
Industry Summary for Clean Energy

54,770 Jobs (2024) 20% above National average	+117.9% % Change (2014-2024) Nation: +21.3%	\$101,933 Avg. Earnings Per Job (2024) Nation: \$106,605
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Industry Detail

Payrolled Business Locations (2024)	2,038
Jobs Multiplier	4

Regional Trends



	Region	2014 Jobs	2024 Jobs	Change	% Change
●	Nevada	25,133	54,770	29,638	117.9%
●	Las Vegas, NV Metro	15,536	27,398	11,862	76.4%
●	Reno, NV	4,729	21,565	16,836	356.0%
●	United States	3,790,051	4,598,435	808,384	21.3%

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	936	149	19%	\$95,226	1.03
Churchill	401	489	88	22%	\$110,238	1.64
Clark	15,536	27,398	11,862	76%	\$101,722	0.83
Douglas	1,381	1,519	138	10%	\$100,672	2.52
Elko	733	989	256	35%	\$100,097	1.51
Esmeralda	<10	15	0	Insf. Data	\$80,954	1.25
Eureka	82	103	20	25%	\$163,743	0.79
Humboldt	351	241	(110)	(31%)	\$149,805	1.10
Lander	29	95	66	227%	\$134,593	0.93
Lincoln	23	20	(3)	(12%)	\$70,855	0.53
Lyon	383	550	166	43%	\$95,415	1.30
Mineral	16	<10	0	Insf. Data	Insf. Data	0.21
Nye	374	635	262	70%	\$100,172	1.54
Pershing	29	17	(13)	(43%)	\$124,817	0.30
Storey	180	13,319	13,139	7305%	\$104,452	24.01
Washoe	4,549	8,246	3,697	81%	\$97,264	1.14
White Pine	109	105	(3)	(3%)	\$108,498	0.82

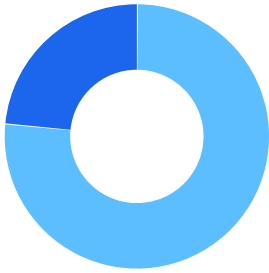
Top Occupations Employed in these Industries

Description	Employed in Industry Group (2023)	% of Total Jobs in Industry Group (2023)
Plumbers, Pipefitters, and Steamfitters	4,479	8.6%
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	3,771	7.2%
Construction Laborers	2,736	5.2%
General and Operations Managers	2,215	4.2%
Miscellaneous Assemblers and Fabricators	2,040	3.9%

Industry Requirements (Top Supply Chain)

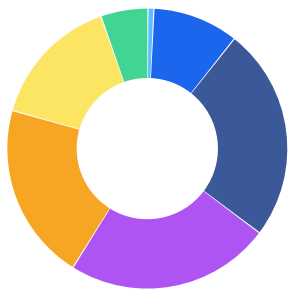
Purchases from	In-region Purchases	Imported Purchases	Total Purchases
Nonferrous Metal (except Aluminum) Smelting and Refining	\$26,055,573	\$206,223,667	\$232,279,240
Petroleum Refineries	\$23,394,968	\$178,605,435	\$202,000,403
Iron and Steel Mills and Ferroalloy Manufacturing	\$0	\$201,047,438	\$201,047,438
Electric Power Distribution	\$122,757,594	\$58,835,028	\$181,592,622
Crude Petroleum Extraction	\$58,297,547	\$74,870,900	\$133,168,447

Industry Gender Breakdown



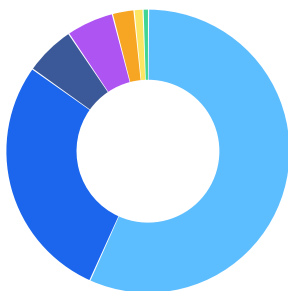
Gender	2024 Jobs	2024 Percent
● Males	41,475	75.7%
● Females	13,296	24.3%

Industry Age Breakdown



Age	2024 Jobs	2024 Percent
● 14-18	388	0.7%
● 19-24	5,477	10.0%
● 25-34	13,402	24.5%
● 35-44	12,914	23.6%
● 45-54	11,051	20.2%
● 55-64	8,255	15.1%
● 65+	3,284	6.0%

Industry Race/Ethnicity Breakdown



Race/Ethnicity	2024 Jobs	2024 Percent
● White	29,682	54.2%
● Hispanic or Latino	15,988	29.2%
● Asian	3,387	6.2%
● Black or African American	3,329	6.1%
● Two or More Races	1,411	2.6%
● American Indian or Alaska Native	592	1.1%
● Native Hawaiian or Other Pacific Islander	382	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	505	(107)	\$216,090	0.68
221113	Nuclear Electric Power Generation	0	0	0	\$0	0.00
221114	Solar Electric Power Generation	20	390	370	\$127,228	2.75
221115	Wind Electric Power Generation	<10	12	Insf. Data	\$180,803	0.12
221116	Geothermal Electric Power Generation	185	280	94	\$160,720	21.95
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	70	70	\$181,693	0.27
221122	Electric Power Distribution	1,695	1,887	192	\$174,689	0.85
221210	Natural Gas Distribution	1,176	1,290	114	\$170,186	1.13
221310	Water Supply and Irrigation Systems	113	213	100	\$98,967	0.41
221320	Sewage Treatment Facilities	<10	45	Insf. Data	\$138,195	0.64
221330	Steam and Air-Conditioning Supply	79	11	(69)	\$120,438	0.69
237110	Water and Sewer Line and Related Structures Construction	1,797	3,513	1,716	\$92,283	1.67
237120	Oil and Gas Pipeline and Related Structures Construction	563	805	242	\$83,067	0.58
237130	Power and Communication Line and Related Structures Construction	1,711	3,257	1,546	\$113,406	1.34
238220	Plumbing, Heating, and Air-Conditioning Contractors	8,574	16,265	7,692	\$90,368	1.19
238910	Site Preparation Contractors	3,557	5,449	1,892	\$82,734	0.97
325120	Industrial Gas Manufacturing	12	<10	Insf. Data	Insf. Data	0.02
325180	Other Basic Inorganic Chemical Manufacturing	222	122	(99)	\$140,001	0.30
325193	Ethyl Alcohol Manufacturing	0	0	0	\$0	0.00
325199	All Other Basic Organic Chemical Manufacturing	34	122	88	\$150,220	0.29
332410	Power Boiler and Heat Exchanger Manufacturing	<10	0	Insf. Data	\$0	0.00
332911	Industrial Valve Manufacturing	258	239	(18)	\$84,603	0.92
332912	Fluid Power Valve and Hose Fitting Manufacturing	69	36	(33)	\$83,892	0.10

332913	Plumbing Fixture Fitting and Trim Manufacturing	<10	29	Insf. Data	\$102,994	0.26
332919	Other Metal Valve and Pipe Fitting Manufacturing	46	<10	Insf. Data	Insf. Data	0.01
333413	Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing	166	416	250	\$60,494	1.31
333414	Heating Equipment (except Warm Air Furnaces) Manufacturing	30	<10	Insf. Data	Insf. Data	0.06
333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing	140	<10	Insf. Data	Insf. Data	0.01
333611	Turbine and Turbine Generator Set Units Manufacturing	70	0	(70)	\$0	0.00
333912	Air and Gas Compressor Manufacturing	147	117	(30)	\$119,186	0.60
333914	Measuring, Dispensing, and Other Pumping Equipment Manufacturing	78	<10	Insf. Data	Insf. Data	0.03
333994	Industrial Process Furnace and Oven Manufacturing	11	75	64	\$101,800	0.78
333995	Fluid Power Cylinder and Actuator Manufacturing	<10	12	Insf. Data	\$91,784	0.08
333996	Fluid Power Pump and Motor Manufacturing	58	41	(17)	\$89,719	0.22
334416	Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing	81	78	(3)	\$47,378	0.43
334417	Electronic Connector Manufacturing	133	203	70	\$52,146	0.89
334419	Other Electronic Component Manufacturing	172	155	(17)	\$64,483	0.24
334512	Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use	98	52	(45)	\$90,650	0.39
334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	781	704	(78)	\$126,254	1.24

334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals	89	71	(19)	\$89,885	0.19
334519	Other Measuring and Controlling Device Manufacturing	69	65	(3)	\$98,107	0.16
335132	Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing	29	60	31	\$89,171	0.31
335311	Power, Distribution, and Specialty Transformer Manufacturing	77	178	100	\$103,949	0.58
335910	Battery Manufacturing	<10	12,441	Insf. Data	\$102,961	24.22
335929	Other Communication and Energy Wire Manufacturing	49	70	21	\$98,106	0.54
335931	Current-Carrying Wiring Device Manufacturing	<10	<10	Insf. Data	Insf. Data	0.03
335991	Carbon and Graphite Product Manufacturing	0	0	0	\$0	0.00
335999	All Other Miscellaneous Electrical Equipment and Component Manufacturing	353	223	(130)	\$148,154	0.62
423330	Roofing, Siding, and Insulation Material Merchant Wholesalers	110	277	168	\$106,086	0.62
423730	Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers	373	617	244	\$109,291	0.74
486210	Pipeline Transportation of Natural Gas	65	35	(31)	\$159,060	0.11
541360	Geophysical Surveying and Mapping Services	69	132	63	\$87,490	0.89
541620	Environmental Consulting Services	712	1,016	305	\$104,390	0.88
813312	Environment, Conservation and Wildlife Organizations	402	684	282	\$61,364	0.87

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