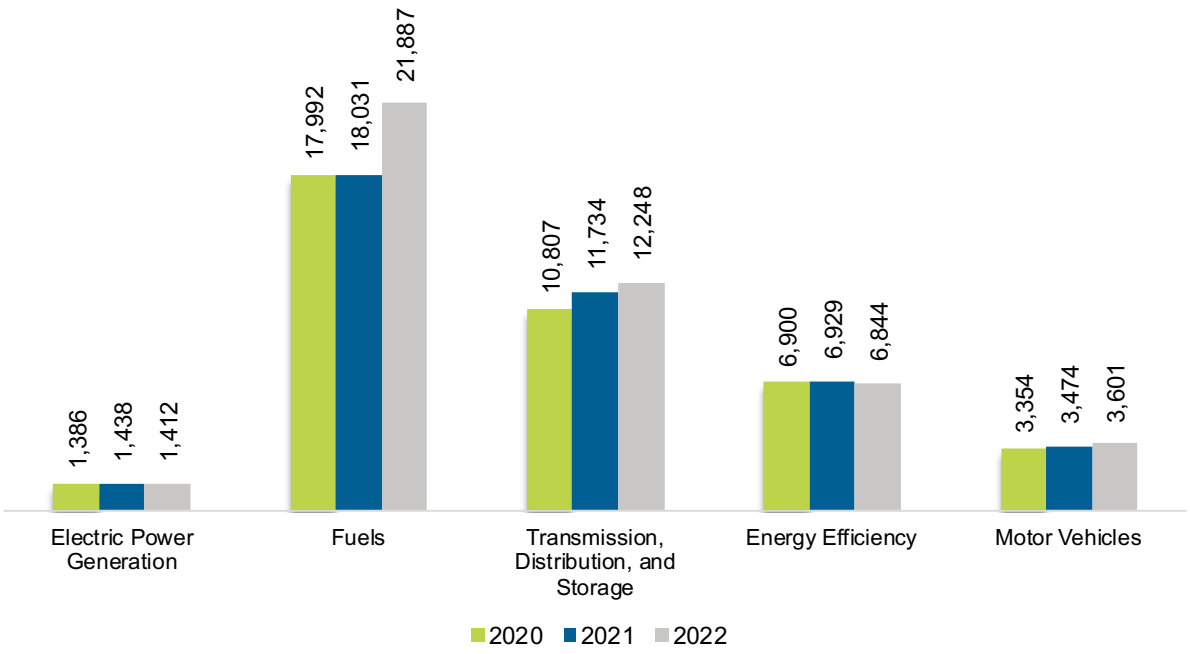
Wyoming

U.S. ENERGY AND EMPLOYMENT REPORT — 2023

Overview

Wyoming had 45,992 energy workers statewide in 2022, representing 0.6% of all U.S. energy jobs. Of these energy jobs, 1,412 were in electric power generation; 21,887 in fuels; 12,248 in transmission, distribution, and storage; 6,844 in energy efficiency; and 3,601 in motor vehicles. From 2021 to 2022, energy jobs in the state increased 4,387 jobs, or 10.5% (Figure WY-1). The energy sector in Wyoming represented 16.5% of total state employment.

Figure WY-1. Employment by Major Energy Technology Application

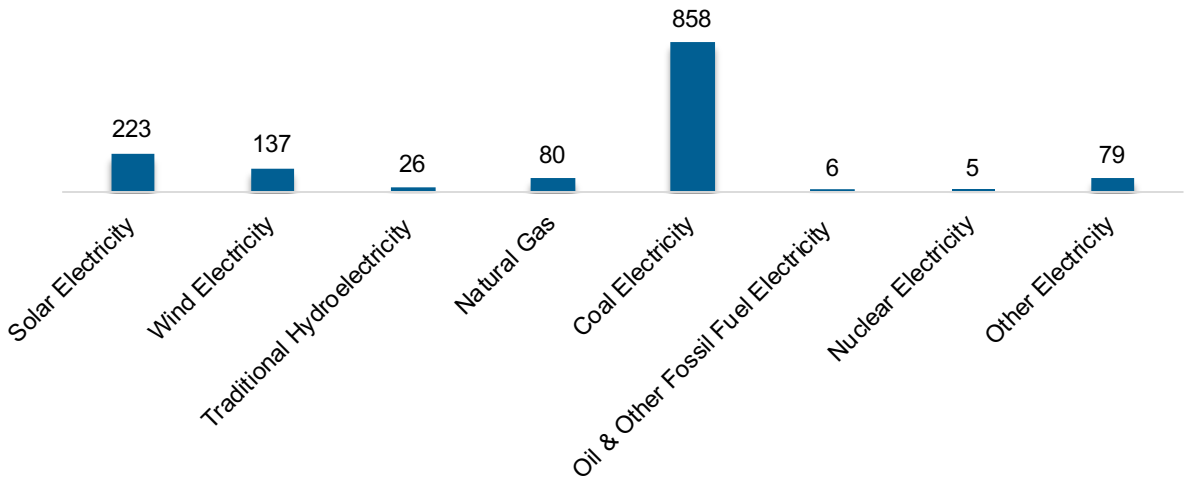


Breakdown by Technology Applications

Electric Power Generation

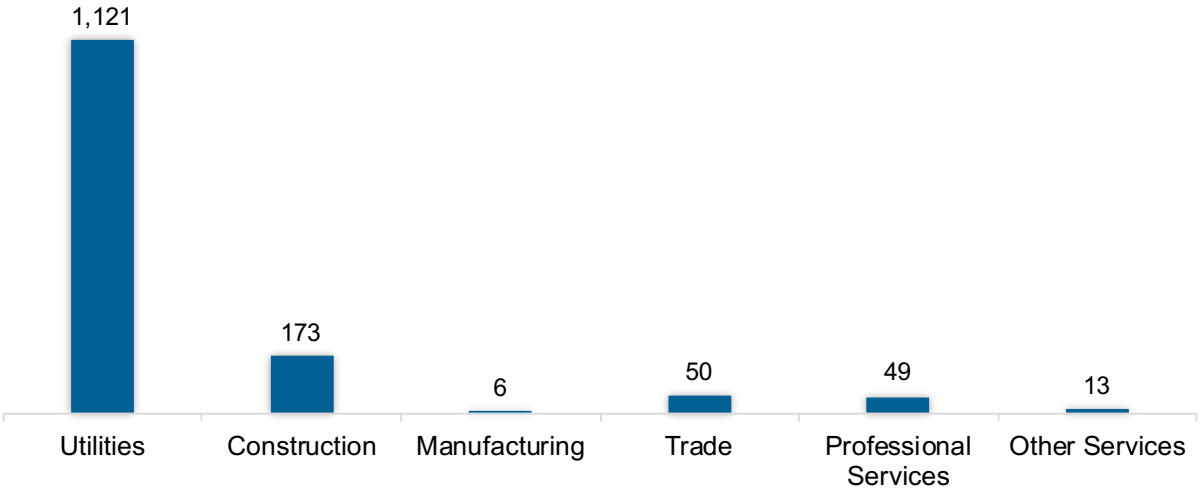
As shown in Figure WY-2, the electric power generation sector employed 1,412 workers in Wyoming, 0.2% of the national electricity total, and lost 26 jobs from 2021 to 2022 (-1.8%).

Figure WY-2. Electric Power Generation Employment by Detailed Technology Application



Utilities was the largest industry sector in the electric power generation sector, with 79.4% of jobs. Construction was second largest with 12.2% (Figure WY-3).

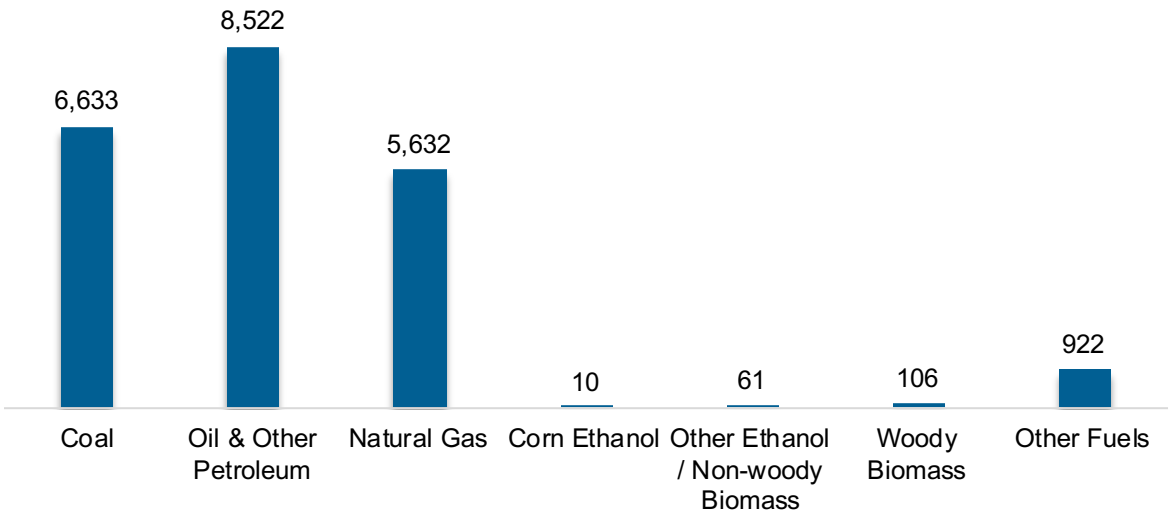
Figure WY-3. Electric Power Generation Employment by Industry Sector



Fuels

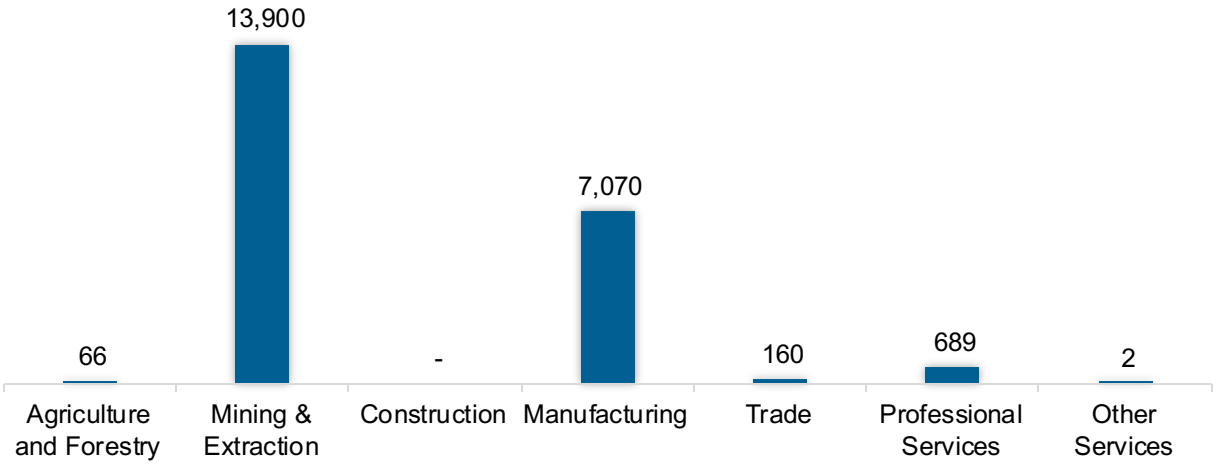
The Fuel sector employed 21,887 workers in Wyoming, 2.1% of the national total in fuels (Figure WY-4). The sector gained 3,855 jobs and increased 21.4% from 2021 to 2022.

Figure WY-4. Fuels Employment by Detailed Technology Application



Mining and extraction jobs represented 63.5% of fuel jobs in Wyoming (Figure WY-5).

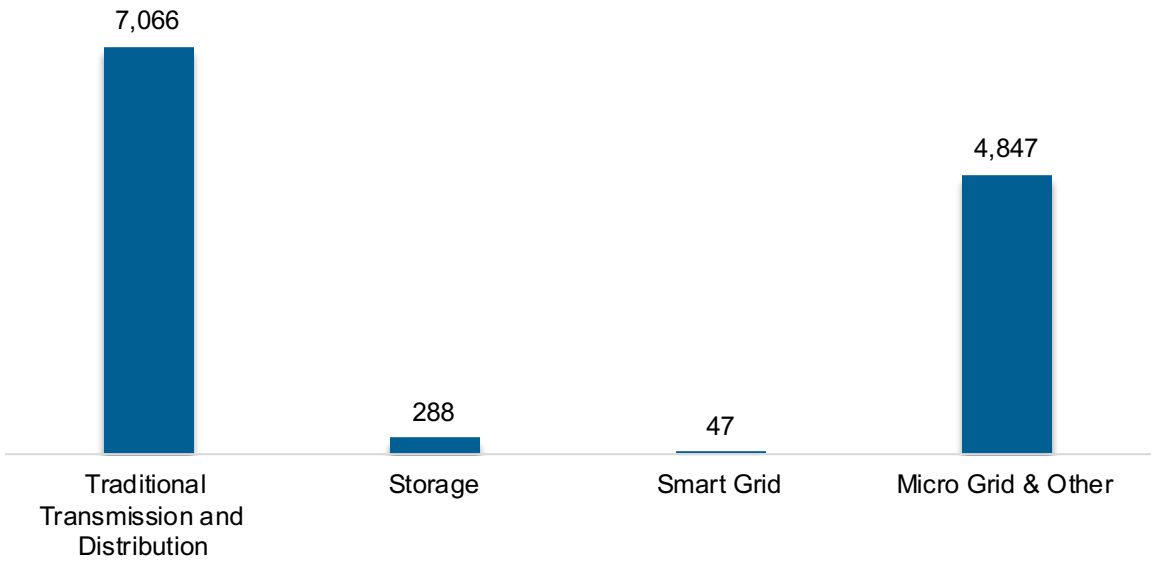
Figure WY-5. Fuels Employment by Industry Sector



Transmission, Distribution and Storage

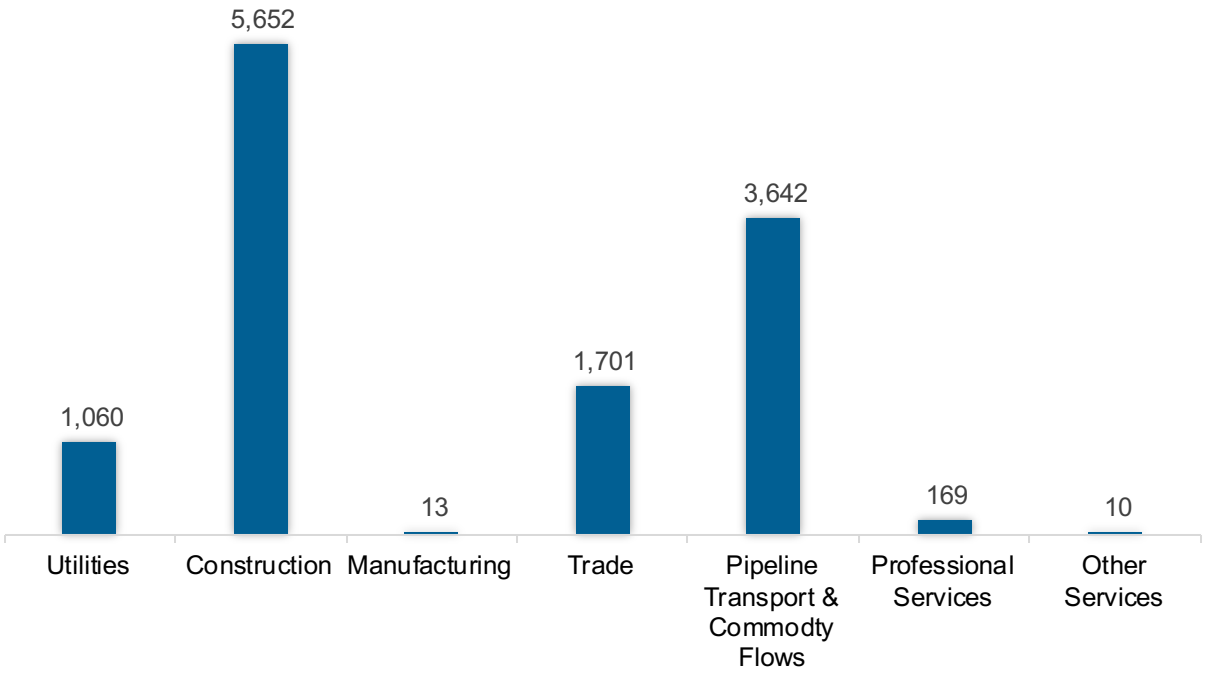
The transmission, distribution, and storage (TDS) sector employed 12,248 workers in Wyoming, 2.1% of the national TDS total (Figure WY-6). The sector gained 514 jobs and increased 4.4% from 2021 to 2022.

Figure WY-6. Transmission, Distribution and Storage Employment by Detailed Technology



Construction was the largest proportion of TDS jobs in Wyoming, accounting for 46.1% of the sector's jobs statewide (Figure WY-7).

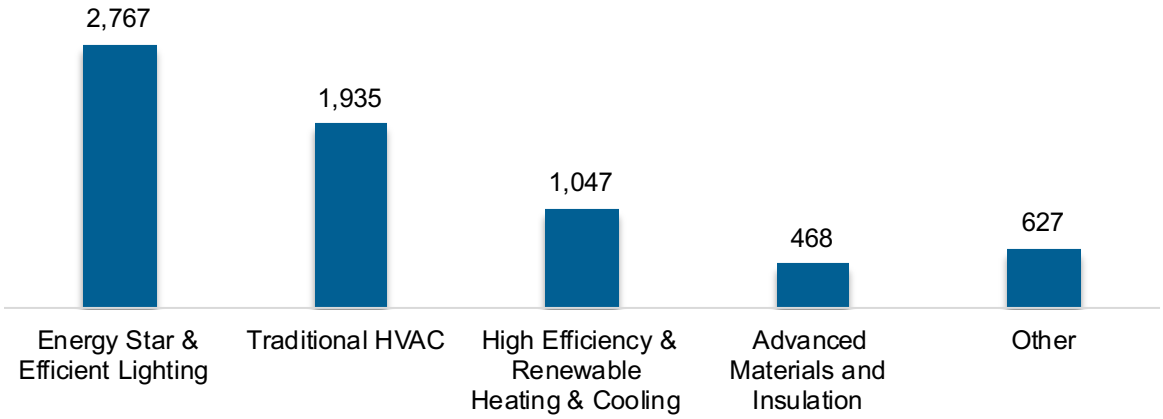
Figure WY-7. Transmission, Distribution and Storage Employment by Industry Sector



Energy Efficiency

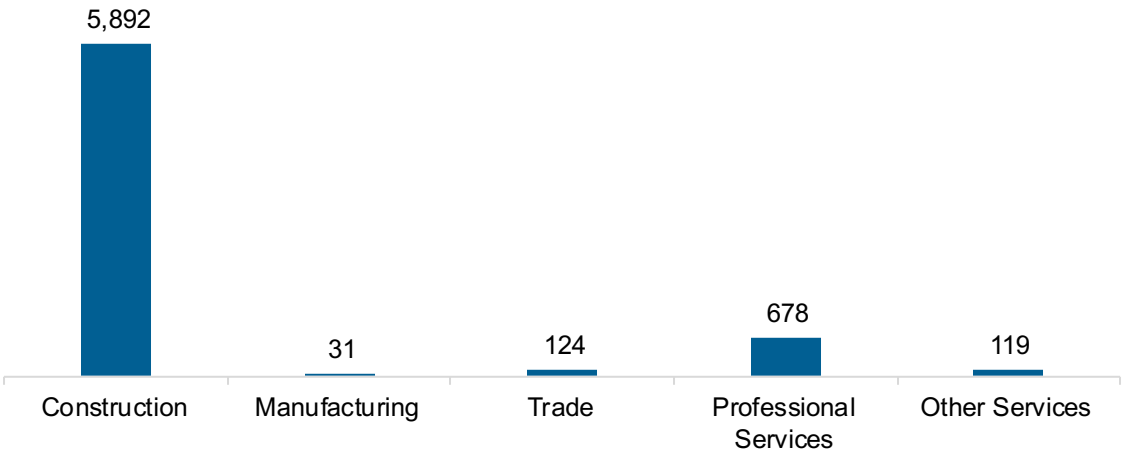
The energy efficiency (EE) sector employed 6,844 workers in Wyoming, 0.3% of the national EE total. The EE sector lost 84 jobs and increased 1.2% from 2021 to 2022 (Figure WY-8).

Figure WY-8. Energy Efficiency Employment by Detailed Technology Application



Energy efficiency employment was primarily found in the construction industry (Figure WY-9).

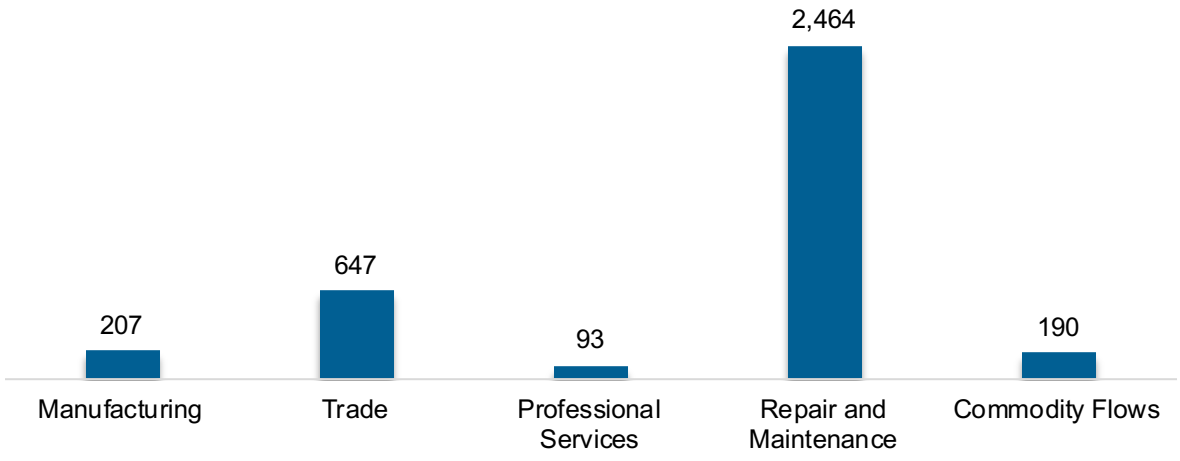
Figure WY-9. Energy Efficiency Employment by Industry Sector



Motor Vehicles and Component Parts

The motor vehicles and component sector employed 3,601 workers in Wyoming, 0.1% of the national total for the sector. Motor vehicles and component parts added 127 jobs and increased 3.7% from 2021 to 2022. Repair and maintenance is the largest proportion of motor vehicle jobs (Figure WY-10).

Figure WY-10. Motor Vehicle Employment by Industry Sector



Clean Energy Jobs

In 2022, there were 15,455 jobs in clean energy in Wyoming if traditional transmission and distribution is included and 8,374 jobs if it is not.[51] These increased under either definition, growing 3.7% with traditional transmission and distribution and 0.4% without.

Employer Perspectives

Expected Growth

Employers in Wyoming are similarly optimistic than their peers across the country about energy sector job growth over the next year (Table WY-1).

Table WY-1 Expected Growth by Major Technology Application

Technology	State Expected Growth Next 12 Months (percent)	U.S. Expected Growth Next 12 Months (percent)
Electric Power Generation	6.1	6.0
Electric Power Transmission, Distribution, and Storage	5.0	3.9
Energy Efficiency	6.3	6.4
Fuels	3.9	1.6
Motor Vehicles	5.8	5.5

[51] The definition of "clean energy" at the state level differs from the national definition due to data availability. For more information see Appendix A of the national U.S. Energy and Employment Report.

Hiring Difficulty

Employers in Wyoming reported 44% overall hiring difficulty (Table WY-2).

Table WY-2 Hiring Difficulty by Major Technology Application

Hiring Difficulty	Very Difficult (percent)	Somewhat Difficult (percent)	Not at All Difficult (percent)	Did not hire (percent)	Overall Hiring Difficulty
Overall	16	28	4	51	44

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