

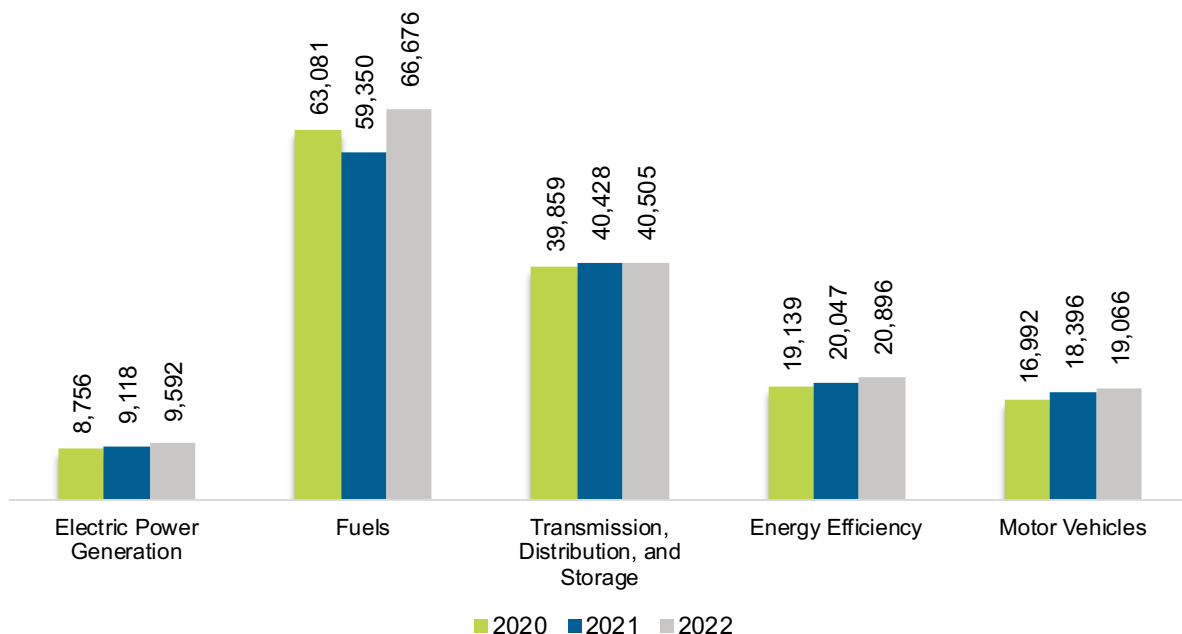
Louisiana

U.S. ENERGY AND EMPLOYMENT REPORT — 2023

Overview

Louisiana had 156,736 energy workers statewide in 2022, representing 1.9% of all U.S. energy jobs. Of these energy jobs, 9,592 were in electric power generation; 66,676 in fuels; 40,505 in transmission, distribution, and storage; 20,896 in energy efficiency; and 19,066 in motor vehicles. From 2021 to 2022, energy jobs in the state increased 9,397 jobs, or 6.4% (Figure LA-1). The energy sector in Louisiana represented 8.4% of total state employment.

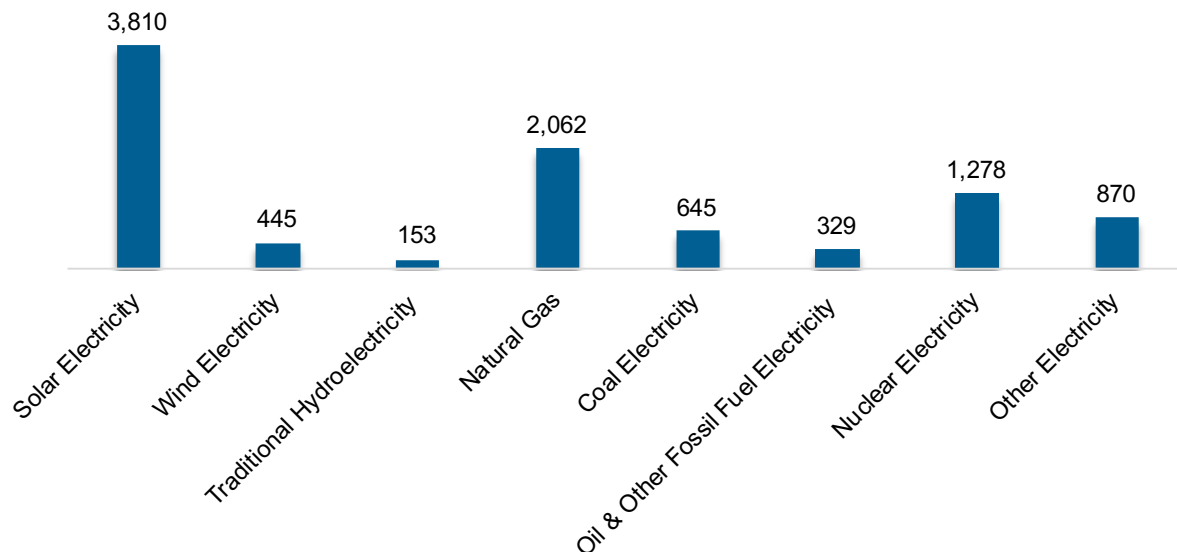
Figure LA-1. Employment by Major Energy Technology Application



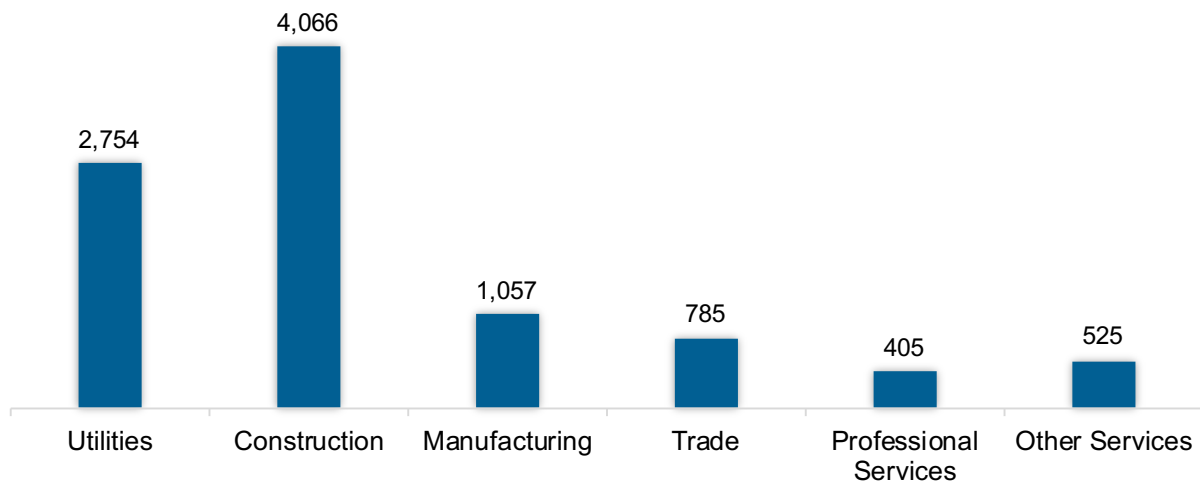
Breakdown by Technology Applications

Electric Power Generation

As shown in Figure LA-2, the electric power generation sector employed 9,592 workers in Louisiana, 1.1% of the national electricity total, and added 475 jobs from 2021 to 2022 (5.2%).

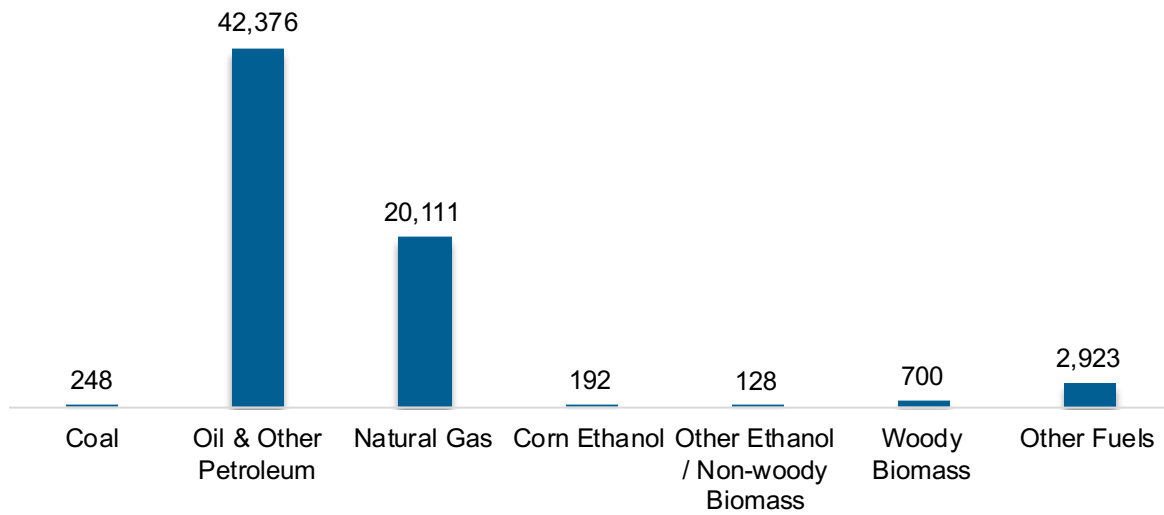
Figure LA-2. Electric Power Generation Employment by Detailed Technology Application

Construction was the largest industry sector in the electric power generation sector, with 42.4% of jobs. Utilities was second largest with 28.7% (Figure LA-3).

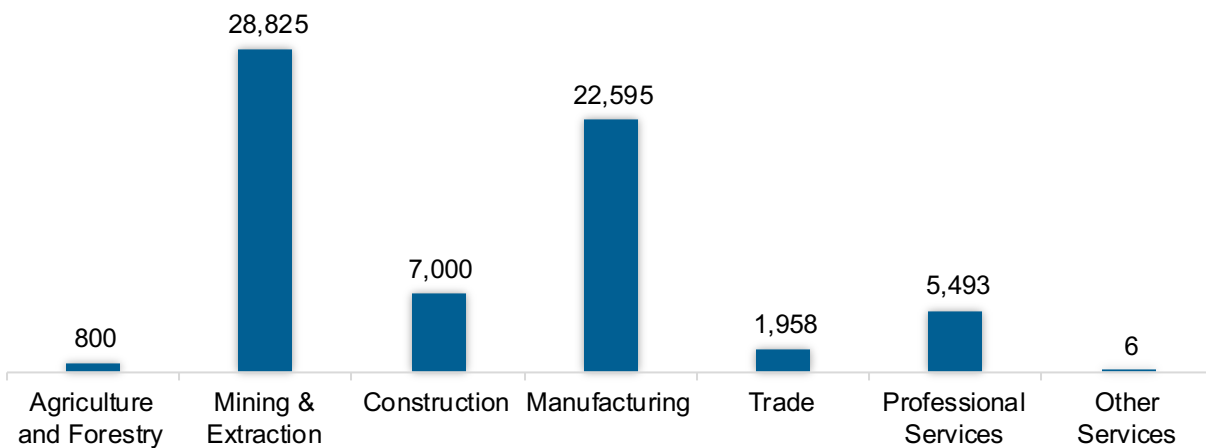
Figure LA-3. Electric Power Generation Employment by Industry Sector

Fuels

The Fuel sector employed 66,676 workers in Louisiana, 6.5% of the national total in fuels (Figure LA-4). The sector gained 7,326 jobs and increased 12.3% from 2021 to 2022.

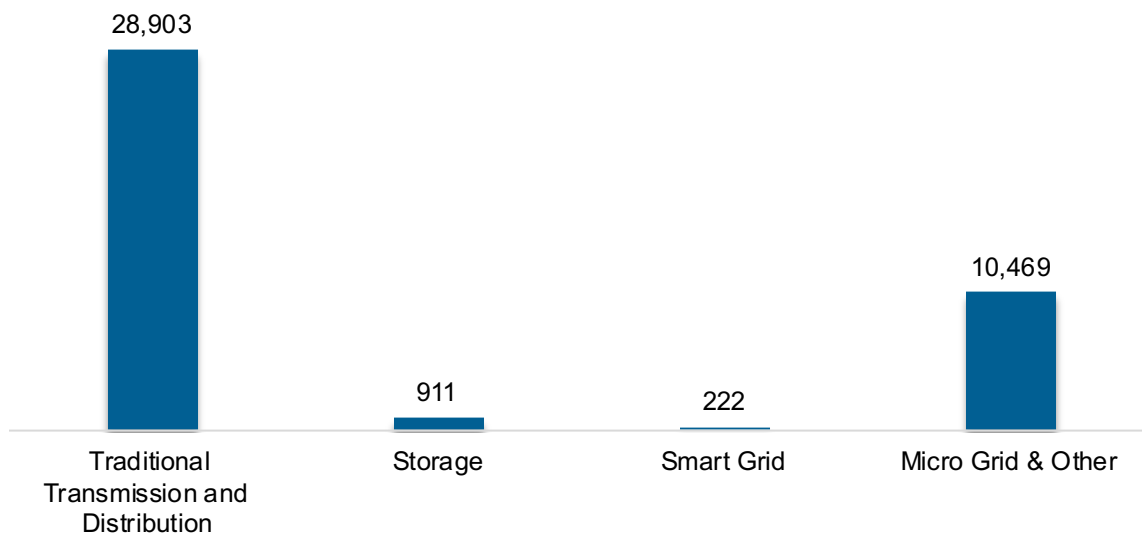
Figure LA-4. Fuels Employment by Detailed Technology Application

Mining and extraction jobs represented 43.2% of fuel jobs in Louisiana (Figure LA-5).

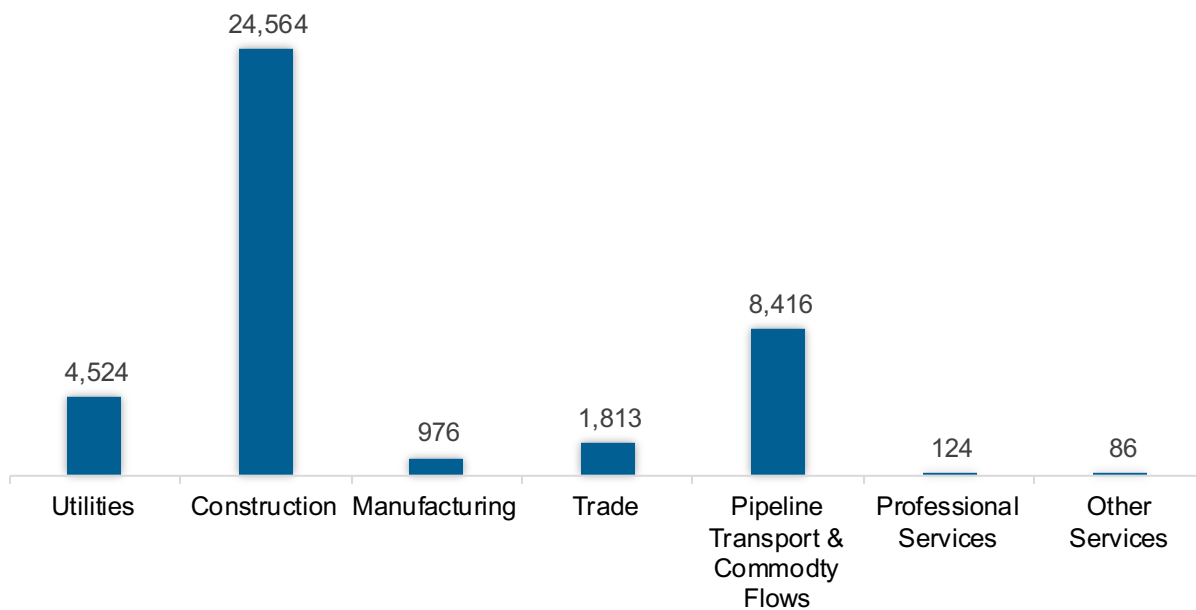
Figure LA-5. Fuels Employment by Industry Sector

Transmission, Distribution and Storage

The transmission, distribution, and storage (TDS) sector employed 40,505 workers in Louisiana, 6.5% of the national TDS total (Figure LA-6). The sector gained 77 jobs and increased 0.2% from 2021 to 2022.

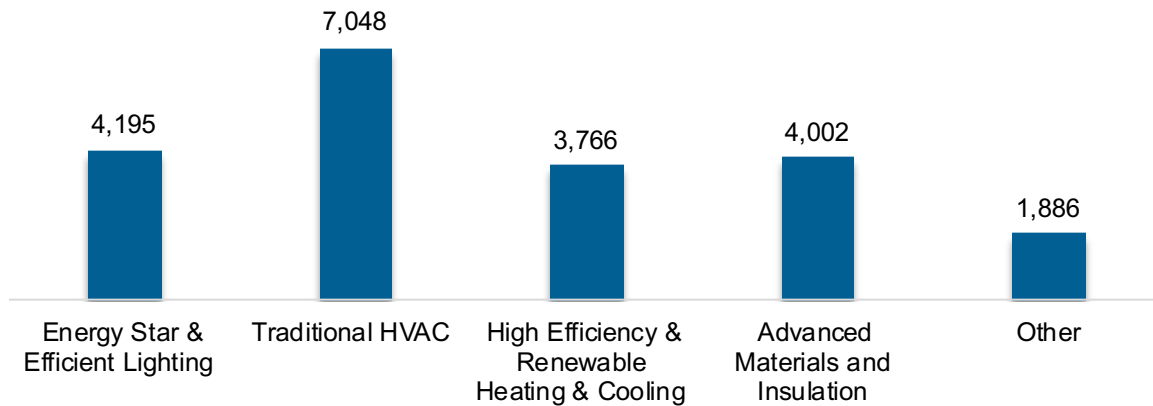
Figure LA-6. Transmission, Distribution and Storage Employment by Detailed Technology

Construction was the largest proportion of TDS jobs in Louisiana, accounting for 60.6% of the sector's jobs statewide (Figure LA-7).

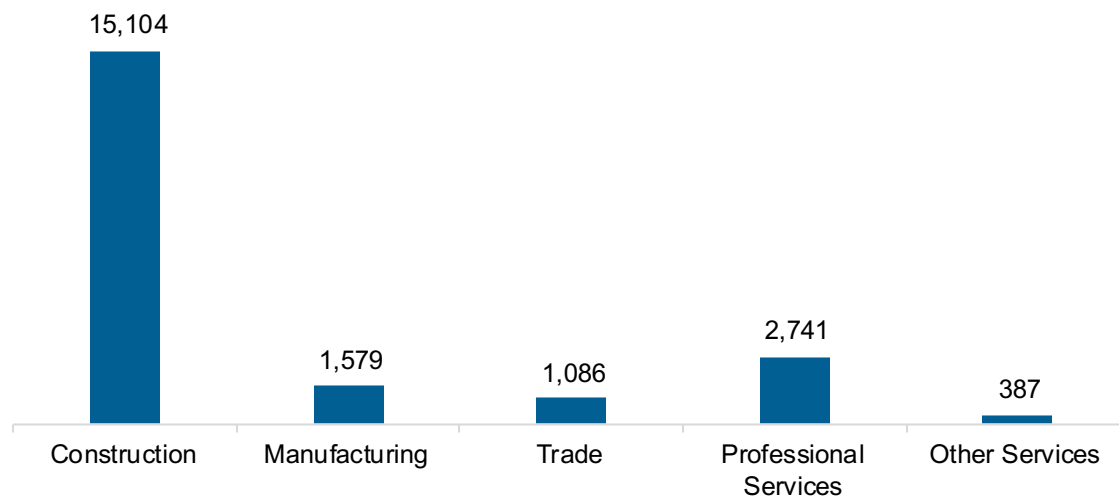
Figure LA-7. Transmission, Distribution and Storage Employment by Industry Sector

Energy Efficiency

The energy efficiency (EE) sector employed 20,896 workers in Louisiana, 0.9% of the national EE total. The EE sector added 849 jobs and increased 4.2% from 2021 to 2022 (Figure LA-8).

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

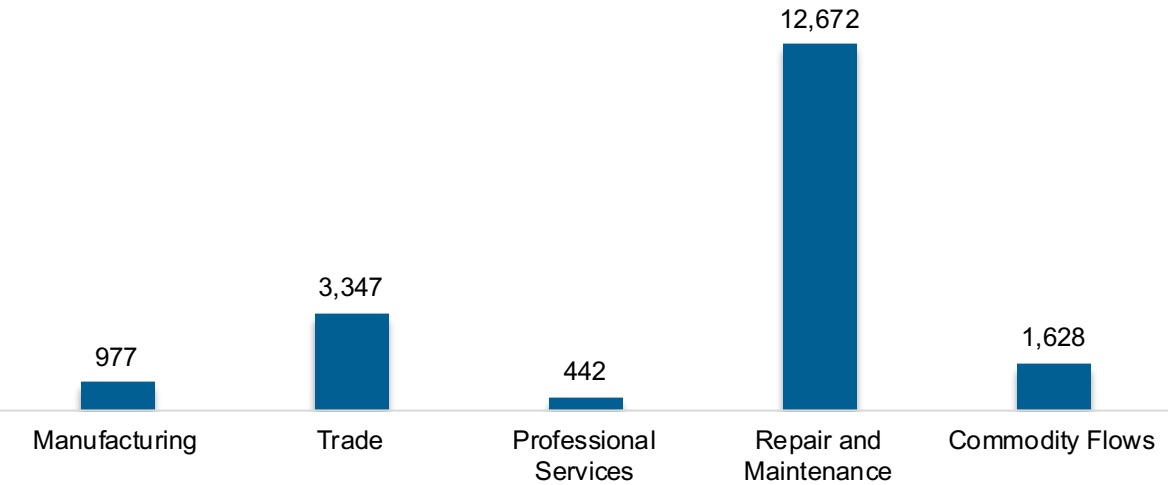
Energy efficiency employment was primarily found in the construction industry (Figure LA-9).

Figure LA-9. Energy Efficiency Employment by Industry Sector

Motor Vehicles and Component Parts

The motor vehicles and component sector employed 19,066 workers in Louisiana, 0.7% of the national total for the sector. Motor vehicles and component parts added 671 jobs and increased 3.6% from 2021 to 2022. Repair and maintenance is the largest proportion of motor vehicle jobs (Figure LA-10).

Figure LA-10. Motor Vehicle Employment by Industry Sector



Clean Energy Jobs

In 2022, there were 60,091 jobs in clean energy in Louisiana if traditional transmission and distribution is included and 31,141 jobs if it is not.¹⁹ These increased under either definition, growing 2.1% with traditional transmission and distribution and 5.3% without.

Employer Perspectives

Expected Growth

Employers in Louisiana were more optimistic than their peers across the country about energy sector job growth over the next year (Table LA-1).

Table LA-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	6.4	6.0
Electric Power Transmission, Distribution, and Storage	5.4	3.9
Energy Efficiency	6.6	6.4
Fuels	4.2	1.6
Motor Vehicles	6.2	5.5

¹⁹ 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 Louisiana reported 52% overall hiring difficulty (Table LA-2).

Table LA-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	26	26	6	42	52