

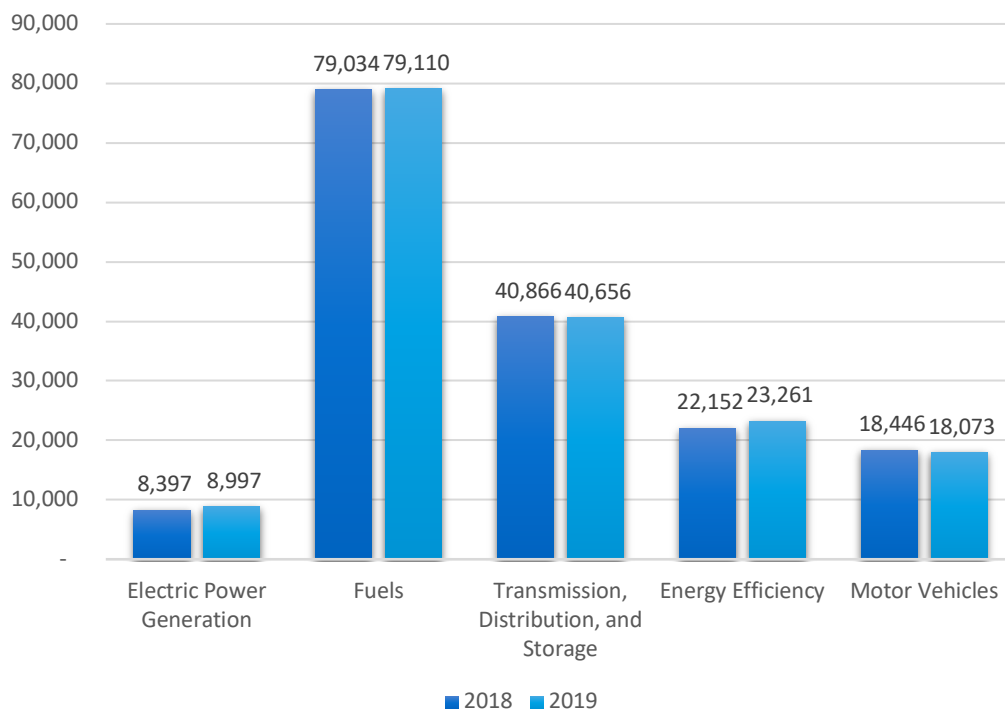
# Louisiana

## ENERGY AND EMPLOYMENT — 2020

### Overview

Louisiana has a high concentration of energy employment, with 128,762 Traditional Energy workers statewide (representing 3.8 percent of all U.S. Traditional Energy jobs). Of these Traditional Energy workers, 8,997 are in Electric Power Generation, 79,110 are in Fuels, and 40,656 are in Transmission, Distribution, and Storage. The Traditional Energy sector in Louisiana is 6.7 percent of total state employment (compared to 2.3 percent of national employment). Louisiana has an additional 23,261 jobs in Energy Efficiency (1.0 percent of all U.S. Energy Efficiency jobs) and 18,073 jobs in Motor Vehicles (0.7 percent of all U.S. Motor Vehicle jobs).

**Figure LA-1.**  
**Employment by Major Energy Technology Application**



Overall, Traditional Energy jobs grew by 0.4 percent since the 2019 report, increasing by 465 jobs over the period. Energy Efficiency jobs added 1,110 jobs (5.0 percent) and motor vehicles lost 373 jobs (-2.0 percent).

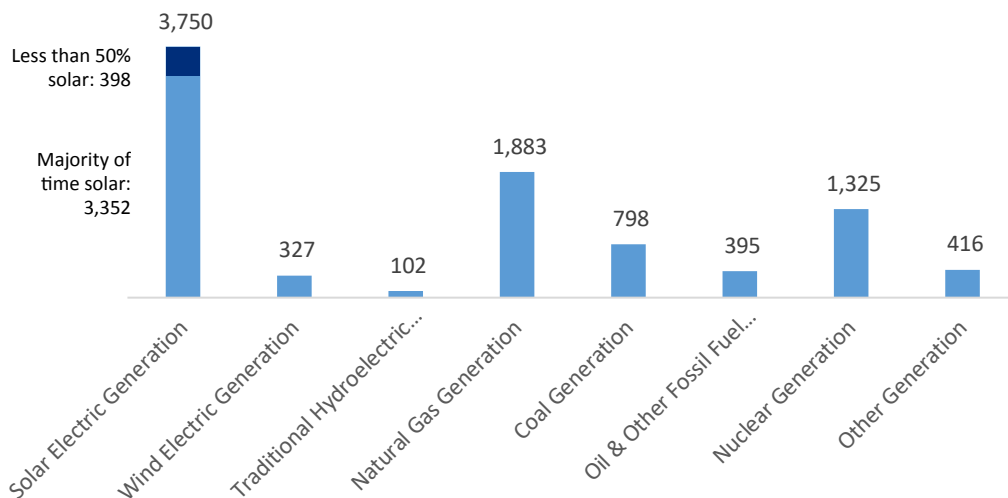
## Breakdown by Technology Applications

### ELECTRIC POWER GENERATION

Electric Power Generation employs 8,997 workers in Louisiana, 1.0 percent of the national total and adding 600 jobs over the past year (7.1 percent). Solar makes up the largest segment of employment related to Electric Power Generation, with 3,750 jobs (up 9.5 percent), followed by traditional fossil fuel generation at 3,077 jobs (up 2.2 percent).

**Figure LA-2.**

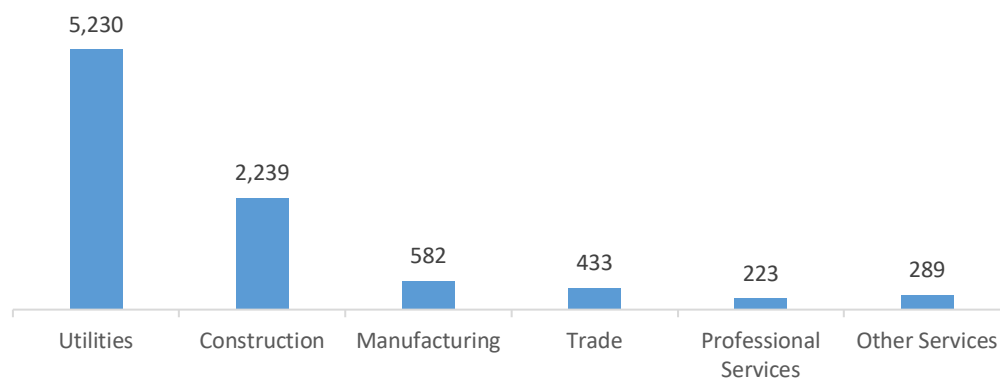
**Electric Power Generation Employment by Detailed Technology Application**



Utilities are the largest industry sector in Electric Power Generation, with 58.1 percent of jobs. Construction is next with 24.9 percent.

**Figure LA-3.**

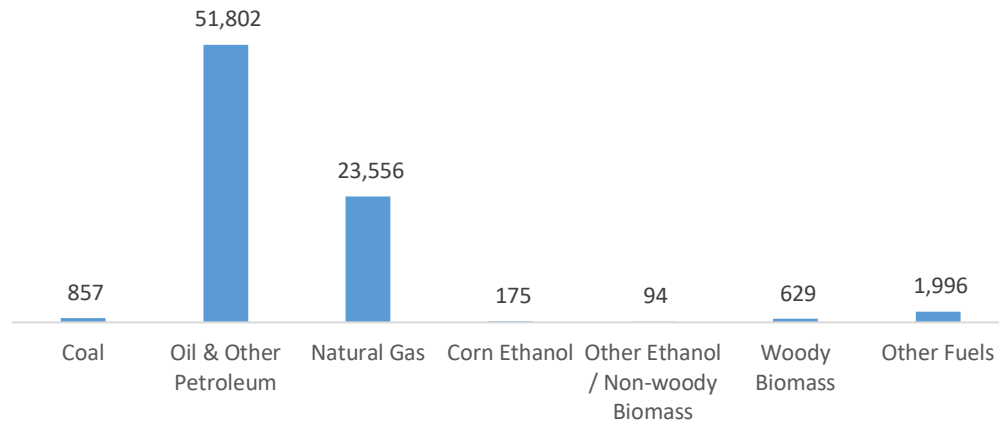
**Electric Power Generation by Industry Sector**



## FUELS

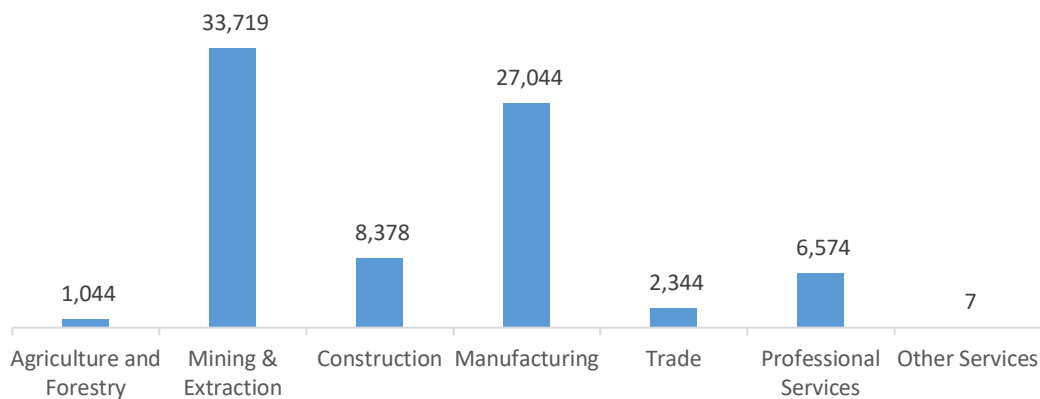
Fuels employs 79,110 workers in Louisiana, 6.9 percent of the national total, up 0.1 percent over the past year. Petroleum and other fossil fuels makes up the largest segment of employment related to Fuels.

**Figure LA-4.**  
**Fuels Employment by Detailed Technology Application**



Mining and extraction jobs represent 42.6 percent of Fuels jobs in Louisiana.

**Figure LA-5.**  
**Fuels Employment by Industry Sector**

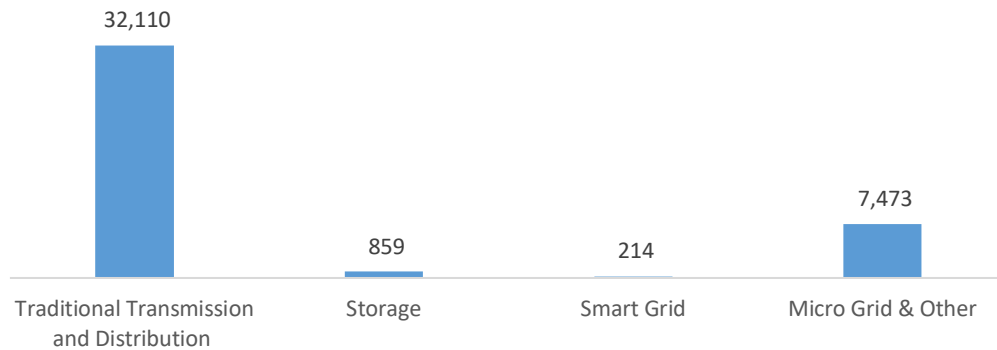


## TRANSMISSION, DISTRIBUTION AND STORAGE

Transmission, Distribution, and Storage employs 40,656 workers in Louisiana, 2.9 percent of the national total, down 0.5 percent or 210 jobs since the 2018 report.

**Figure LA-6.**

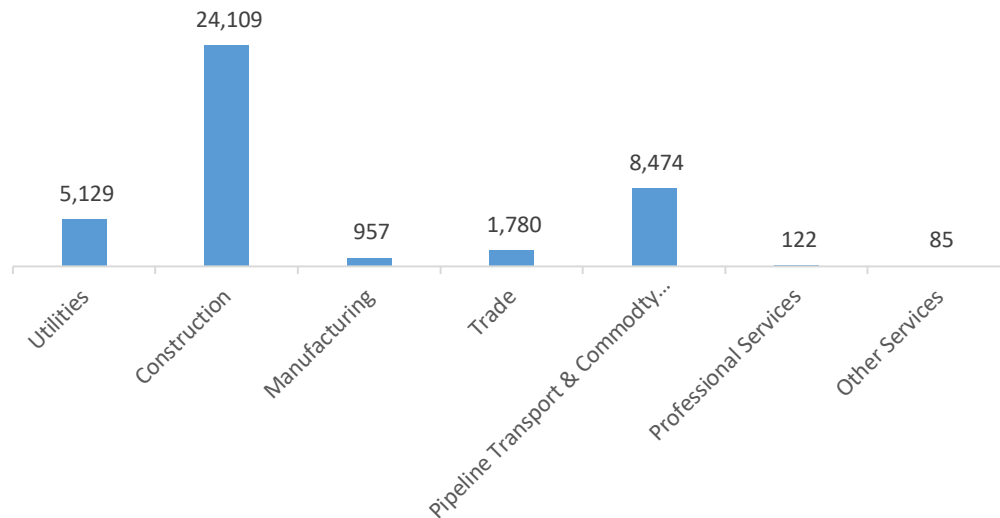
**Transmission, Distribution and Storage Employment by Detailed Technology**



Construction is responsible for the largest percentage of Transmission, Distribution, and Storage jobs in Louisiana, with 59.3 percent of such jobs statewide.

**Figure LA-7.**

**Transmission, Distribution and Storage Employment by Industry Sector**

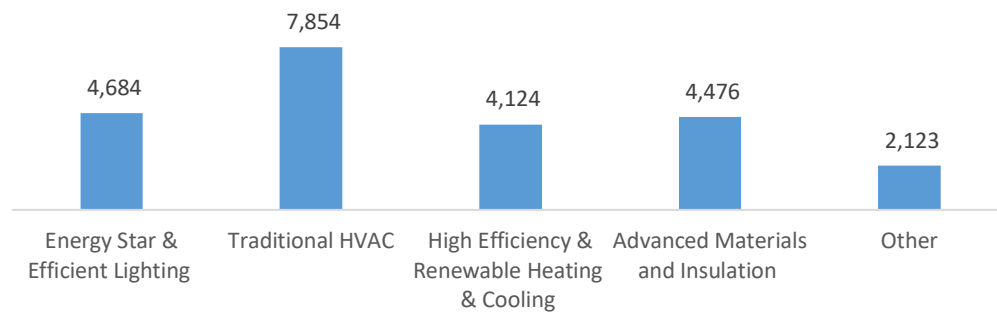


## ENERGY EFFICIENCY

The 23,261 Energy Efficiency jobs in Louisiana represent 1.0 percent of all U.S. Energy Efficiency jobs, adding 1,110 jobs (5.0 percent) since last year. The largest number of these employees work in (traditional HVAC firms, followed by ENERGY STAR and efficient lighting.

**Figure LA-8.**

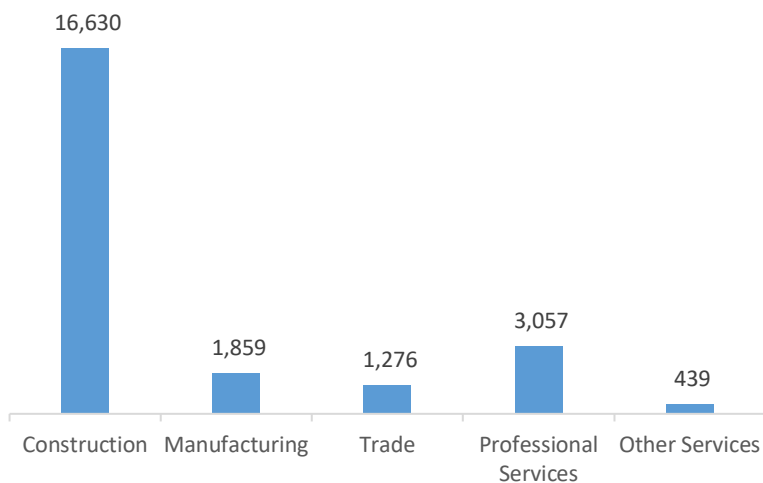
### Energy Efficiency Employment by Detailed Technology Application



Energy Efficiency employment is primarily found in the construction industry.

**Figure LA-9.**

### Energy Efficiency Employment by Industry Sector



## MOTOR VEHICLES

Motor Vehicle employment accounts for 18,073 jobs in Louisiana, down 373 jobs over the past year (-2.0 percent). The industry sector that accounts for the largest fraction of Motor Vehicle jobs is repair and maintenance.

**Figure LA-10.**  
**Motor Vehicle Employment by Industry Sector**



## Workforce Characteristics

### EMPLOYER GROWTH

Employers in Louisiana are less optimistic to their peers across the country in regards to their job growth over the next year in Traditional Energy (2.3 percent versus 3.2 percent nationally). Energy Efficiency employers expect to add 1,140 jobs in Energy Efficiency (4.9 percent) and Motor Vehicles employers expect to add 905 jobs (5.0 percent) over the next year.

**Table LA-1**  
**Projected Growth by Major Technology Application.**

Technology	State Projected Growth Next 12 Months (percent)	U.S. Projected Growth Next 12 Months (percent)
Electric Power Generation	2.4	4.8
Electric Power Transmission, Distribution, and Storage	0.0	3.5
Energy Efficiency	4.9	3.0
Fuels	3.5	1.7
Motor Vehicles	5.0	3.1

## HIRING DIFFICULTY

Over the last year, 57.9 percent of energy-related employers in Louisiana hired new employees. These employers reported the greatest overall difficulty in hiring workers for jobs in Electric Power Generation.

**Table LA-2**  
**Hiring Difficulty by Major Technology Application.**

Technology	Very Difficult (percent)	Somewhat Difficult (percent)	Not at All Difficult (percent)
Electric Power Generation	28.4	65.4	6.2
Electric Power Transmission, Distribution, and Storage	21.7	72.1	6.2
Energy Efficiency	37.9	43.2	18.9
Fuels	28.9	48.9	22.2
Motor Vehicles	42.3	47.4	10.2

Employers in Louisiana gave the following as the top three reasons for their reported difficulty:

1. Lack of experience, training, or technical skills
2. Competition/ small applicant pool
3. Insufficient qualifications (certifications or education)

Employers reported the following as the three most difficult occupations to hire for:

1. Electrician/construction workers — \$22.82 median hourly wage
2. Sales, marketing, or customer service — \$33.88 median hourly wage
3. Technician or mechanical support — \$21.58 median hourly wage