

Industry Overview: Energy

Emsi Q2 2016 Data Set

Upstate SC Alliance



124 Verdae Blvd
South Carolina 29607

Parameters

Industries

12 items selected. See Appendix A for details.

Regions

Code	Description
45073	Oconee County, SC

Timeframe

2016 - 2017

Datarun

2016.2 – Employees

12 Industries in Oconee County, SC

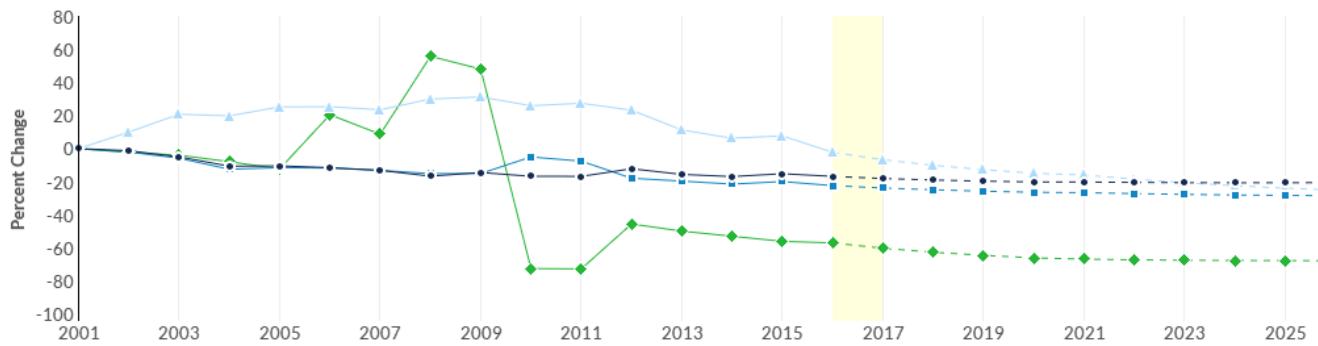
Industry Summary for 12 Industries

1,451 Jobs (2016) 1,589% above National average	-1.6% % Change (2016-2017) Nation: -0.2%	\$157,819 Avg. Earnings Per Job (2016) Nation: \$141,398
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Industry Detail

Establishments (2015)	5
Jobs Multiplier	2.11
Unemployed (2/2016)	Only Available for 2-Digit

Regional Trends



	Region	2016 Jobs	2017 Jobs	Change	% Change
●	Region	1,451	1,428	-23	-1.6%
●	Oconee Labor Shed	2,113	2,074	-39	-1.8%
●	Pickens County, SC	139	132	-7	-5.0%
●	Greenville County, SC	263	243	-20	-7.6%

Occupations Employed by these Industries

Description	Employed in Industry Group (2016)	% of Total Jobs in Industry Group (2016)
Electrical Power-Line Installers and Repairers	101	7.0%
Customer Service Representatives	87	6.0%
Nuclear Engineers	73	5.0%
Electrical Engineers	70	4.8%
First-Line Supervisors of Mechanics, Installers, and Repairers	68	4.7%

Industry Gender Breakdown



	Gender	2016 Jobs	2016 Percent	
•	Males	1,238	85.3%	
•	Females	213	14.7%	

Industry Age Breakdown



	Age	2016 Jobs	2016 Percent
●	14-18	0	0.0%
●	19-24	26	1.8%
●	25-34	197	13.6%
●	35-44	247	17.0%
●	45-54	433	29.9%
●	55-64	521	35.9%
●	65+	26	1.8%

Industry Race/Ethnicity Breakdown



	Race/Ethnicity	2016 Jobs	2016 Percent
●	White	1,290	88.9%
●	Black or African American	133	9.2%
●	Hispanic or Latino	16	1.1%
●	Asian	5	0.4%
●	Two or More Races	3	0.2%
●	American Indian or Alaska Native	2	0.1%
●	Native Hawaiian or Other Pacific Islander	0	0.0%

Industry Requirements

Purchases from	In-region Purchases	Imported Purchases	Total Purchases
Petroleum Refineries	\$0	\$77,914,836	\$77,914,836
Crude Petroleum and Natural Gas Extraction	\$115,196	\$17,032,178	\$17,147,374
Bituminous Coal Underground Mining	\$0	\$12,992,165	\$12,992,165
Bituminous Coal and Lignite Surface Mining	\$0	\$10,269,035	\$10,269,035
Rail transportation	\$508,617	\$8,929,387	\$9,438,005

Top Regional Businesses

Business Name	Industry Name	Business Size
Duke Energy	Electric Power Distribution (221122)	Medium (50-249)
Blue Ridge Electric Co-op Inc	Electric Power Distribution (221122)	Medium (50-249)
Bad Creek Hydro	Electric Power Distribution (221122)	Small (0-49)
Valenite	Other Electric Power Generation (221118)	Small (0-49)
Jocassee Power Plant	Other Electric Power Generation (221118)	Small (0-49)

Appendix A - Industries

Code	Description
113110	Timber Tract Operations
221111	Hydroelectric Power Generation
221112	Fossil Fuel Electric Power Generation
221113	Nuclear Electric Power Generation
221114	Solar Electric Power Generation
221115	Wind Electric Power Generation
221116	Geothermal Electric Power Generation
221117	Biomass Electric Power Generation
221118	Other Electric Power Generation
221121	Electric Bulk Power Transmission and Control
221122	Electric Power Distribution
221210	Natural Gas Distribution

Appendix B - Data Sources and Calculations

Industry Data

Emsi industry data have various sources depending on the class of worker. (1) For QCEW Employees, Emsi primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns and Current Employment Statistics. (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 EMSI'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 EMSI 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.

Infogroup Business-Level Data

Data for individual businesses is provided by Infogroup, which maintains a database of more than 16 million U.S. business entities. Note that in aggregate it will not be consistent with Emsi labor market data due to differences in definitions, methodology, coverage, and industry/geographic classification.

State Data Sources

This report uses state data from the following agencies: Georgia Department of Labor, Workforce Information and Analysis, Occupational Information Services Unit; North Carolina Department of Commerce, Labor and Economic Analysis Division; South Carolina Employment Security Commission, Labor Market Information Department