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▶ **Economic Impact of the Energy Sector:  
Mississippi Case Study**

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# The Energy Supply Chain

Manufacturing & Servicing

**Energy Source Acquisition** (drilling, mining, harvesting, etc. for fossil, renewable or nuclear fuels)

**Conversion Technologies** (refining, generation, physical, etc.) – produce liquid, solid, gas, electricity

**Energy Transportation** (lines, cables, pipelines, rail, tankers, etc.)

**Energy Storage** (terminals, tanks, reservoirs, batteries, etc.)

**Energy Distribution** (cables, wires, pipes, pumps, etc.)

**CONSUMPTION**

Sustainability  
Security



THE ENERGY SECTOR  
ACCOUNTS FOR AN ESTIMATED

**15.8%**

OF THE  
**STATE'S TOTAL GDP**



THE ENERGY SECTOR  
ACCOUNTS FOR AN ESTIMATED

**\$1.1  
BILLION**

IN **ANNUAL LOCAL  
AND STATE TAX REVENUE**

## Economic Impacts: Total Energy Sector

Measure	Excludes Gas Stations	Includes Gas Stations
<b>Employment Impact (Jobs)</b>	167,291	188,183
Direct	49,229	63,753
Indirect	118,062	124,430
<b>GDP</b>	\$17.7B	\$18.9B

\*Calculated by NSPARC with REMI model



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## Subsectors Analyzed

- Energy source acquisition
- Energy conversion
- Energy transmission, storage, and distribution (excluding retail)
- Energy retail
- Energy efficiency supplementary subsector



# Subsector Analysis

Measure	Energy Acquisition	Energy Conversion	Energy Transmission, Storage & Distribution
Employment Impact (Jobs)	9,488	71,538	112,704
Direct	3,735	9,234	37,339
Indirect	5,753	62,304	75,365

\*Calculated by NSPARC with REMI model

# Energy Efficiency Subsector

Measure	Energy Efficiency
<b>Employment Impact (Jobs)</b>	12,465
<b>Direct</b>	6,801
<b>Indirect</b>	5,664
<b>GDP</b>	\$1,181,006,928
<b>Personal Income</b>	\$685,229,566
<b>Total Tax Revenue</b>	\$72,634,334

\*Calculated by NSPARC with REMI model



Directly related to energy sector: 4%  
Indirectly related to energy sector: 10%





# Mississippi's strengths in the energy sector

14<sup>th</sup> in the nation for crude oil production  
24K miles oil & gas pipelines

9<sup>th</sup> largest petroleum refinery in the nation  
(Chevron Pascagoula)

Largest single-unit nuclear power plant in the nation – and 5<sup>th</sup> largest in the world

About 4 percent of the nation's recoverable coal reserves

All new generation added in 2017 was solar; current capacity 240+MW

Navigable waters on three sides

# Contact Information

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