

Ohio 2022 Energy Sector Industry Contribution Analysis

Nuclear Electric Power Generation

Report prepared November 2022 by Eric Romich, Associate Professor, OSU Extension Community Development

Technical Report #
OER-NPG-122022

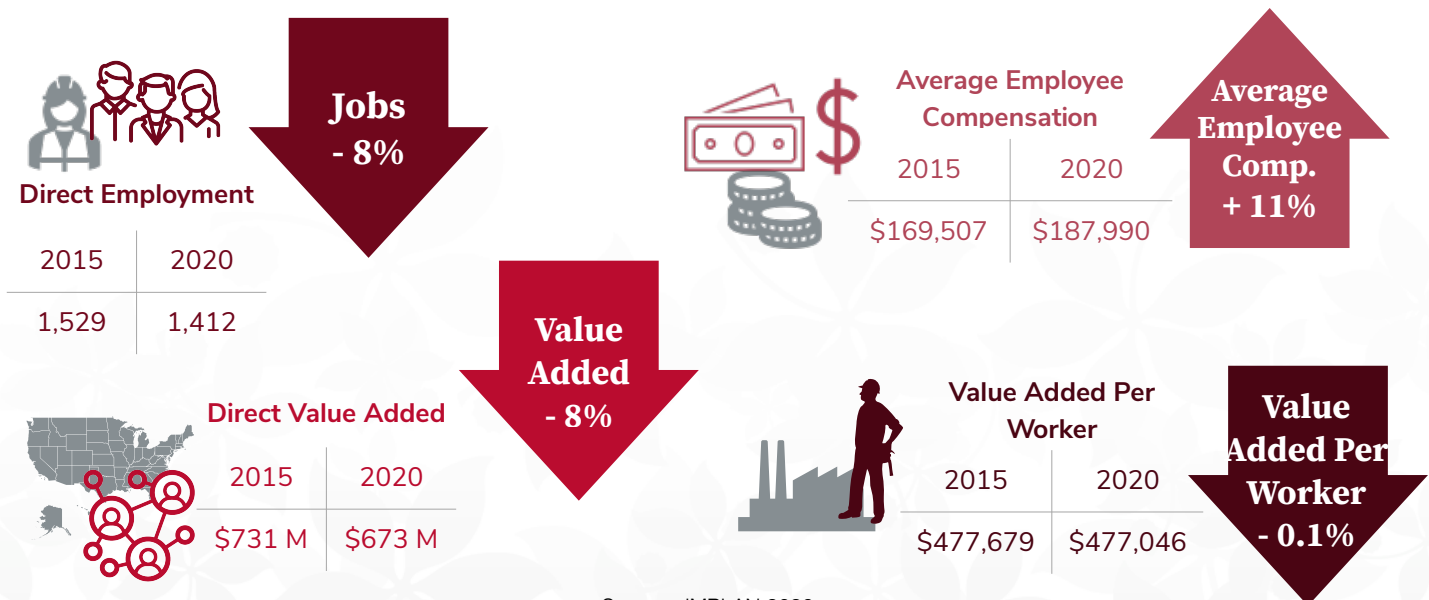
Total employment impact for the nuclear electric generation industry in 2020 was 5,217 total jobs which consisted of 1,412 jobs directly associated with the nuclear electric generation industry, 1,625 indirect jobs as a result of business to business transactions, and 2,180 induced jobs supported by household spending. The nuclear electric generation industry contributed a total of \$1,048 million in value added, including \$673 million in direct value added, \$178 million in indirect value added, and \$196 million of induced value added. In summary, in 2020 the nuclear electric generation industry accounted for 5.3% of the Ohio energy sectors total employment and 5.3% of the total value added. This technical bulletin summarizes the “direct”

Table 1: Nuclear Electric Generation Impact Summary (2020)

Impact	Jobs	Value Added
Direct	1,412	\$673.4 M
Indirect	1,625	\$178.1 M
Induced	2,180	\$196.9 M
Total	5,217	\$1,048.3 M

contribution trends of the nuclear electric generation industry to the Ohio economy, direct employment by county, and top industries impacted by employment. For additional information, please refer to the 2022 Ohio Energy Industry Contribution Analysis bulletin #OER-122022.

Ohio 5-Year Trends of Direct Contribution



Source: IMPLAN 2020

Ohio Nuclear Electric Generation Direct Employment by County (2020)



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Modeling Software

IMPLAN® model, 2020 Data, using inputs provided by the user and IMPLAN Group LLC, IMPLAN System (data and software), 16905 Northcross Dr., Suite 120, Huntersville, NC 28078. www.IMPLAN.com

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Table 2: Nuclear Electric Generation Employment Impact Top 10 Industries (2020)

Industry	Direct	Indirect	Induced	Total
Electric power generation - Nuclear	1,412	0	0	1,412
Employment services	0	398	49	446
Full-service restaurants	0	69	88	157
Hospitals	0	0	152	152
Other real estate	0	75	66	141
Limited-service restaurants	0	9	101	110
Scenic and sightseeing transportation and support activities for transportation	0	86	7	92
Truck transportation	0	66	19	85
Offices of physicians	0	0	83	83
Other local government enterprises	0	64	8	72

Source: IMPLAN 2020

