

Ohio 2022 Energy Sector Industry Contribution Analysis

Wind Electric Power Generation

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

Technical Report #
OER-WPG-122022

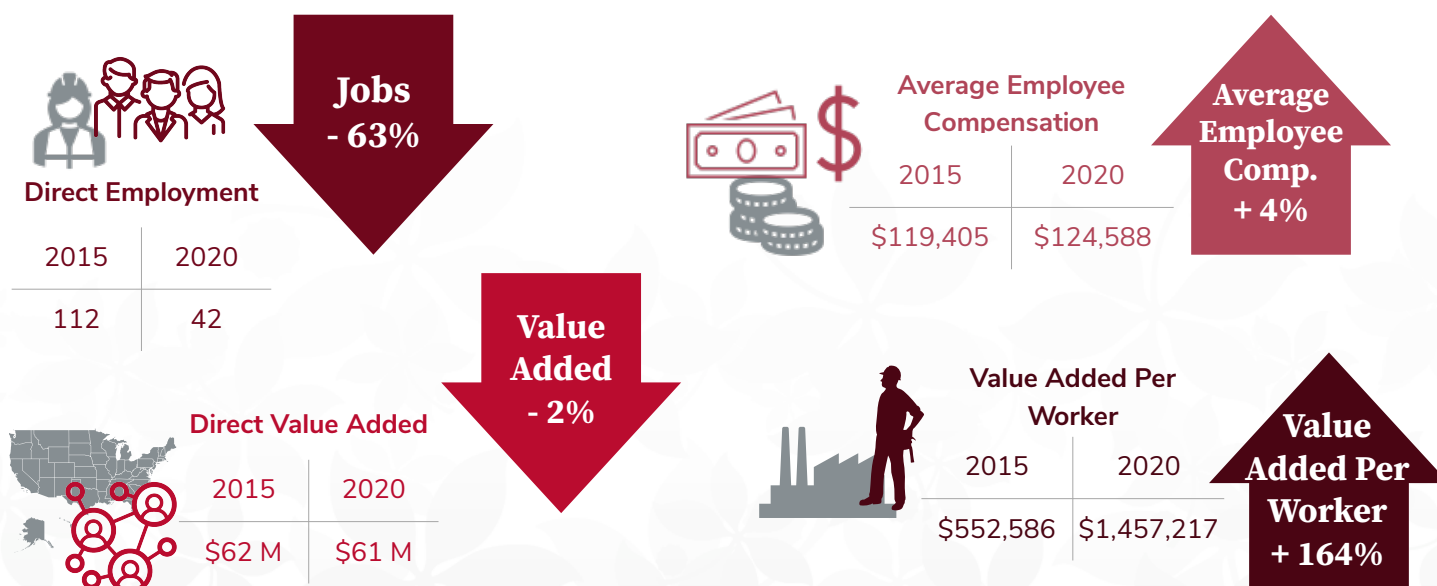
Total employment impact for the wind electric generation industry in 2020 was 235 total jobs which consisted of 42 jobs directly associated with the wind electric generation industry, 118 indirect jobs as a result of business to business transactions, and 75 induced jobs supported by household spending. The wind electric generation industry contributed a total of \$80.7 million in value added, including \$61 million in direct value added, \$13 million in indirect value added, and \$6.8 million of induced value added. In summary, in 2020 the wind electric generation industry accounted for 0.4% of the Ohio energy sectors total employment and 0.2% of the total value added. This technical bulletin summarizes the “direct” contribution trends of the

Table 1: Wind Electric Power Generation Impact Summary (2020)

Impact	Jobs	Value Added
Direct	42	\$61 M
Indirect	118	\$13 M
Induced	75	\$6.8 M
Total	235	\$80.7 M

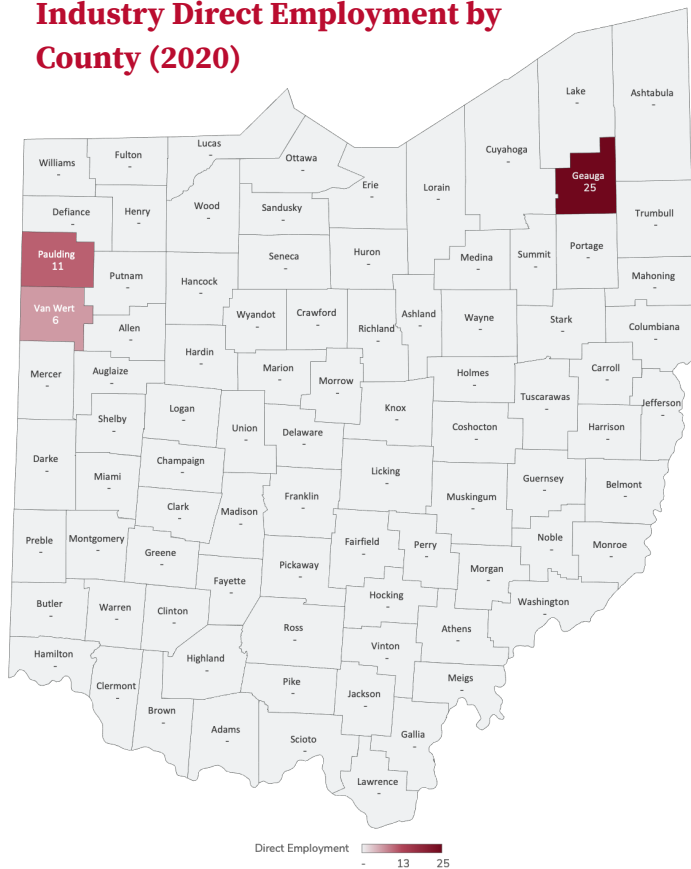
wind electric generation industry to the Ohio economy, direct employment by county, and top industries impacted by employment. For additional information, please refer to the 2022 Ohio Energy Industry Contribution Analysis bulletin #OER-122022.

Ohio 5-Year Trends of Direct Contribution



Source: IMPLAN 2020

Ohio Wind Electric Power Generation Industry 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: Wind Electric Power Generation Employment Impact Top 10 Industries (2020)

Industry	Direct	Indirect	Induced	Total
Electric power generation - Wind	42	0	0	42
Employment services	0	29	2	31
Full-service restaurants	0	5	3	8
Other real estate	0	5	2	8
Scenic and sightseeing transportation and support activities for transportation	0	6	0	6
Truck transportation	0	5	1	5
Hospitals	0	0	5	5
Other local government enterprises	0	5	0	5
Scientific research and development services	0	4	0	4
Limited-service restaurants	0	1	3	4

Source: IMPLAN 2020

