

Ohio 2022 Energy Sector Industry Contribution Analysis

Hydroelectric Electric Power Generation

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

Technical Report #
OER-HPG-122022

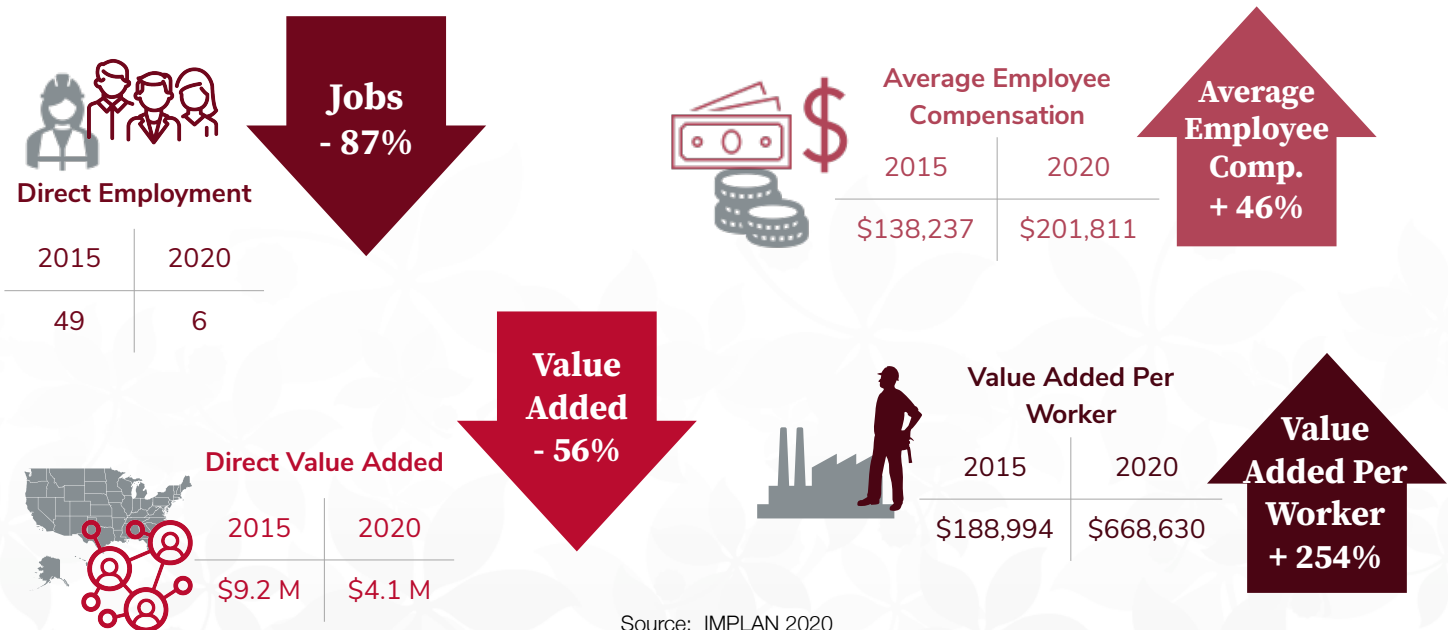
Total employment impact for the hydroelectric generation industry in 2020 was 22 total jobs which consisted of 6 jobs directly associated with the hydroelectric generation industry, 6 indirect jobs as a result of business to business transactions, and 10 induced jobs supported by household spending. The hydroelectric generation industry contributed a total of \$5.7 million in value added, including \$4.1 million in direct value added, \$0.7 million in indirect value added, and \$0.9 million of induced value added. In summary, in 2020 the hydroelectric generation industry accounted for less than 1% of the Ohio energy sectors total employment and value added. This technical bulletin summarizes the “direct”

Table 1: Hydroelectric Electric Generation Impact Summary (2020)

Impact	Jobs	Value Added
Direct	6	\$4.1 M
Indirect	6	\$0.7 M
Induced	10	\$0.9 M
Total	22	\$5.7 M

contribution trends of the hydroelectric 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



Ohio Hydroelectric Electric Generation Direct Employment by County (2020)



OSU IMPLAN Editor Peer Review Team

Nancy Bowen-Ellzey, Associate Professor
Field Specialist
Email: bowen-ellzey.1@osu.edu

Joe Lucente, Associate Professor
OSU Extension, CD, and Ohio Sea Grant College Program
Email: lucente.6@osu.edu

Amanda Osborne
Educator, CD, OSU Extension – Cuyahoga County
Email: osborne.414@osu.edu

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

OSU Extension Community Development Mission:

We help communities enhance their well-being and create social, economic and environmental conditions in which they can thrive.

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

Industry	Direct	Indirect	Induced	Total
Electric power generation - Hydroelectric	6.1	0.0	0.0	6.1
Employment services	0.0	1.6	0.2	1.8
Hospitals	0.0	0.0	0.7	0.7
Full-service restaurants	0.0	0.3	0.4	0.7
Other real estate	0.0	0.3	0.3	0.6
Limited-service restaurants	0.0	0.0	0.4	0.5
Scenic and sightseeing transportation and support activities for transportation	0.0	0.3	0.0	0.4
Offices of physicians	0.0	0.0	0.4	0.4
Truck transportation	0.0	0.3	0.1	0.3
Other local government enterprises	0.0	0.3	0.0	0.3

Source: IMPLAN 2020



THE OHIO STATE UNIVERSITY
EXTENSION

CFAES provides research and related educational programs to clientele on a nondiscriminatory basis. For more information, visit cfaesdiversity.osu.edu. For an accessible format of this publication, visit cfaes.osu.edu/accessibility.

Copyright © 2022, The Ohio State University

