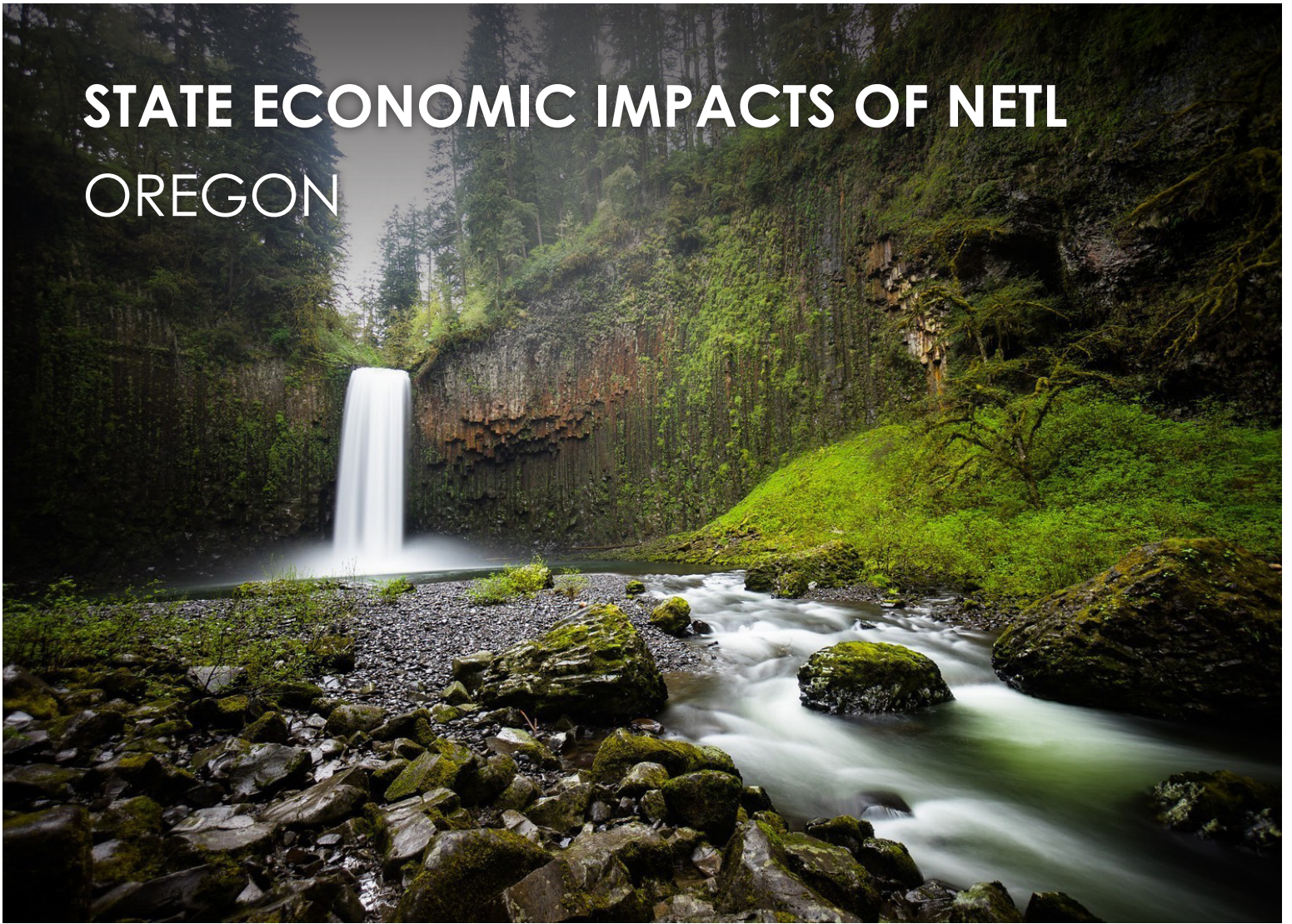


STATE ECONOMIC IMPACTS OF NETL OREGON



October 2024



The U.S. Department of Energy's National Energy Technology Laboratory (NETL) in Albany, Oregon, is committed to discovering new metallurgical processes and advancing energy technologies. By designing, developing and deploying advanced materials for energy applications and extreme environments, NETL has paved the way for new industries and job opportunities. With specialized facilities for fabrication and performance testing of advanced materials, NETL is internationally recognized as a leader in the field. By expanding its computational capabilities, NETL addresses technical barriers to developing next-generation technologies. As a result of its research activities, science education programs and employment opportunities, NETL serves as an important economic catalyst for Oregon.

NETL conducted an economic analysis using a state-level input-output (IO) model to quantify the Laboratory's economic impacts on Oregon. The two tables below summarize NETL's impacts on Oregon's economy in 2023.

The first table includes employment and salaries of individuals employed in Oregon at NETL as either federal employees or site support contractors (full-time equivalents), as well as NETL's spending on grants, research and development awards, contracts, cooperative agreements and purchase orders, within Oregon. The analysis revealed that NETL injected \$31 million directly into the state economy in 2023.

Summary of NETL Expenditures and Number of Employees in Oregon

Impact Category	
Federal employment and Site Support Contractor (full-time equivalent jobs)	141
Total Expenditures	\$31M

NETL's impact on the U.S. economy is greater than the Lab's total direct spending because the money is spent again by the recipient employees and businesses. This economic "ripple effect" is captured in the IO model through a series of multipliers that provide estimates of the impact of each dollar of direct spending cycling through the state economy in the form of additional (indirect and induced) spending, personal income and employment. The analysis concluded that NETL had a total estimated impact of \$55 million on Oregon's economy in 2023 (see table below).

NETL's Total Economic Impact on the State of Oregon, 2023

Impact Category	
Jobs (direct, indirect and induced full-time equivalent jobs)	358
Total Economic Impact (direct, indirect and induced)	\$55M

NETL is a U.S. Department of Energy national laboratory that drives innovation and delivers solutions for a clean and secure energy future by advancing carbon management and resource sustainability technologies. Through its expertise and research facilities, NETL is advancing innovations to enable environmental sustainability for all Americans. Using the power of workforce inclusivity and diversity, innovators at NETL's research laboratories in Albany, Oregon; Morgantown, West Virginia; and Pittsburgh, Pennsylvania, conduct a broad range of research activities that support DOE's mission to ensure America's security and prosperity by addressing its energy and environmental challenges through science and technology solutions