

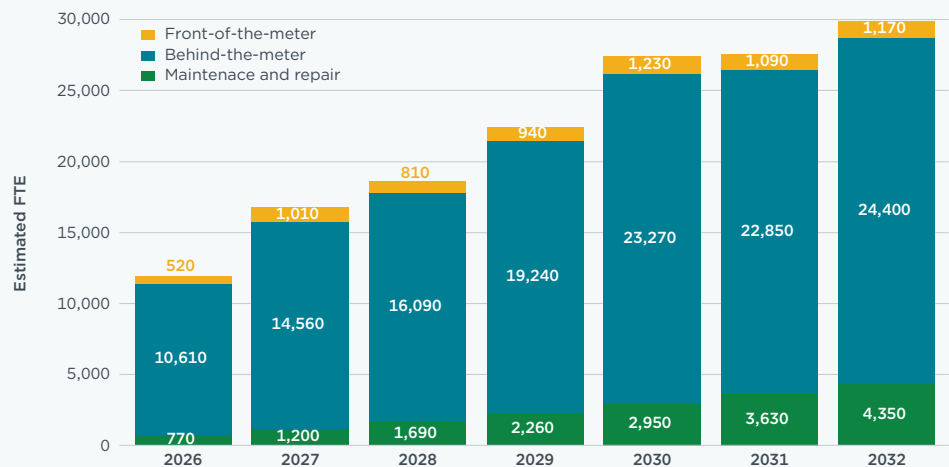
HOW EV TAX CREDITS COULD SPUR JOB GROWTH IN TRUCK CHARGING INFRASTRUCTURE

NATIONAL HIGHLIGHTS

- » In 2032, the ICCT projects that tax incentives (45W and 45X tax credits) could support adoption of over 1 million Class 4-8 zero-emission medium- and heavy-duty vehicles (MHDVs).
- » These vehicles could require over 633,000 chargers and 48 GW by 2032.
- » The associated infrastructure build-out would require an estimated minimum of 30,000 full-time equivalent (FTE) jobs.

Figure 1

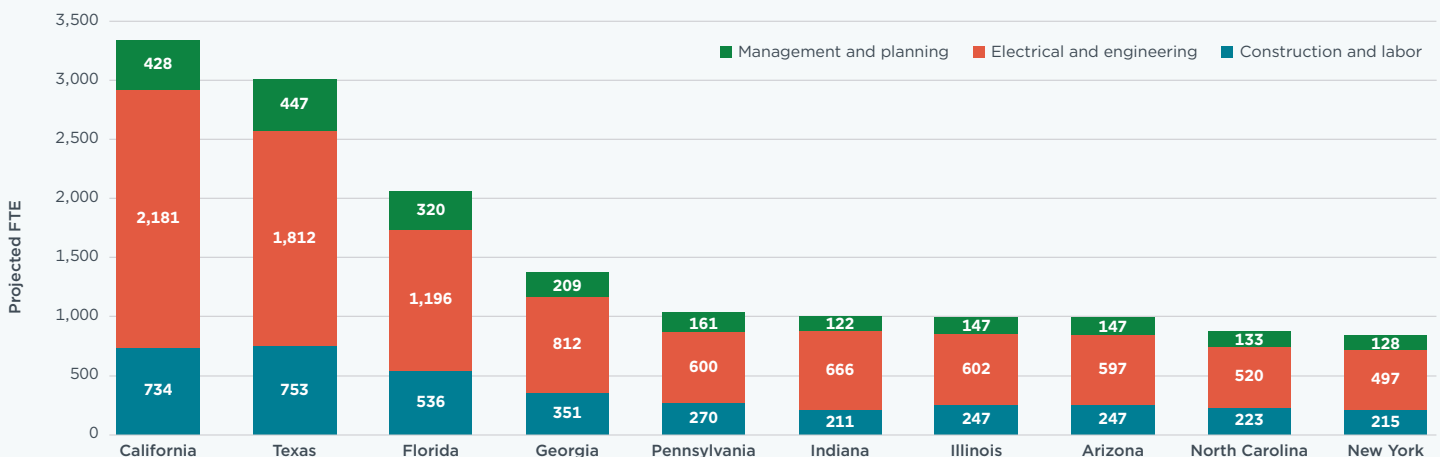
Projected medium- and heavy-duty vehicle infrastructure job demand from 2026 to 2032



Of total job demand in 2032, those in the electrical and engineering category make up 62%, construction and labor are 24%, and management and planning are 14%.

Figure 2

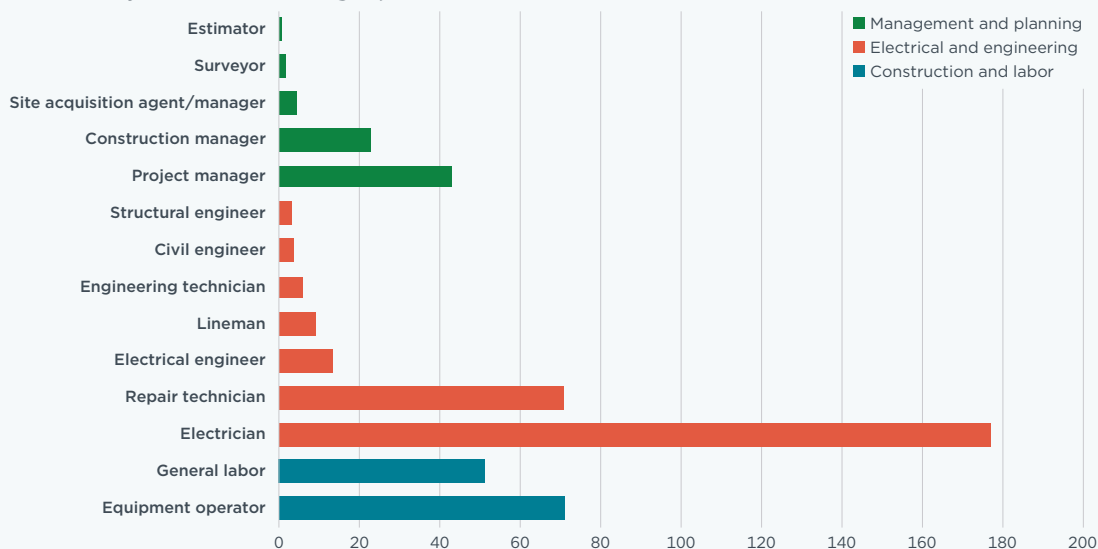
Top 10 U.S. states by job demand for charging and utility infrastructure, 2032



TRUCK CHARGING AND UTILITY INFRASTRUCTURE NEEDS FOR OREGON

Figure 3

Estimated job demand in Oregon, 2032



Oregon ranks 25th in terms of projected job demand from infrastructure build out.

In 2032, new infrastructure growth in Oregon is projected to require a minimum of 478 FTE jobs.

The ICCT estimates Oregon will require charging infrastructure totaling about 643 MW in nameplate capacity by 2032.

In terms of job demand, the top 5 counties are:

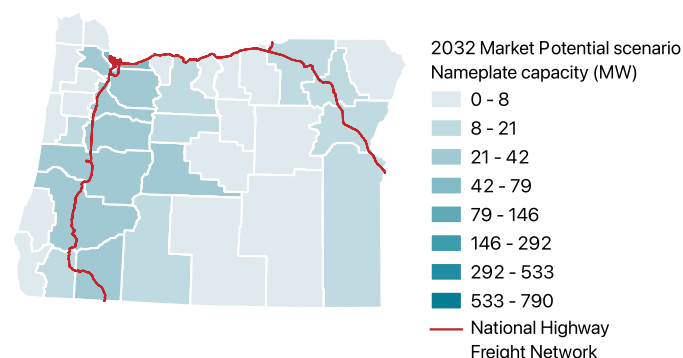
- » Multnomah County - 53 FTE
- » Lane County - 40 FTE
- » Washington County - 37 FTE
- » Clackamas County - 37 FTE
- » Deschutes County - 32 FTE

STATUS OF TRUCK CHARGING INFRASTRUCTURE IN OREGON

Electric utilities in Oregon joined the West Coast Clean Transit Corridor Initiative in 2020 to support the development of truck charging facilities along the I-5 corridor. In August 2024, Oregon, California, and Washington were awarded \$105 million from the Department of Transportation's Charging and Fueling Infrastructure Discretionary Grant Program to achieve this goal.¹ The entire project will support 34 charging stations and 5 hydrogen refueling stations across the three states.

Figure 4

Oregon charging infrastructure nameplate capacity, 2032



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¹ Alex Baumhardt, "Feds Giving West Coast States \$100 Million to Create Zero-Emission Truck Fueling Network," *Oregon Capital Chronicle*, August 29, 2024, <https://oregoncapitalchronicle.com/briefs/feds-giving-west-coast-states-100-million-to-create-zero-emission-truck-fueling-network/>.