

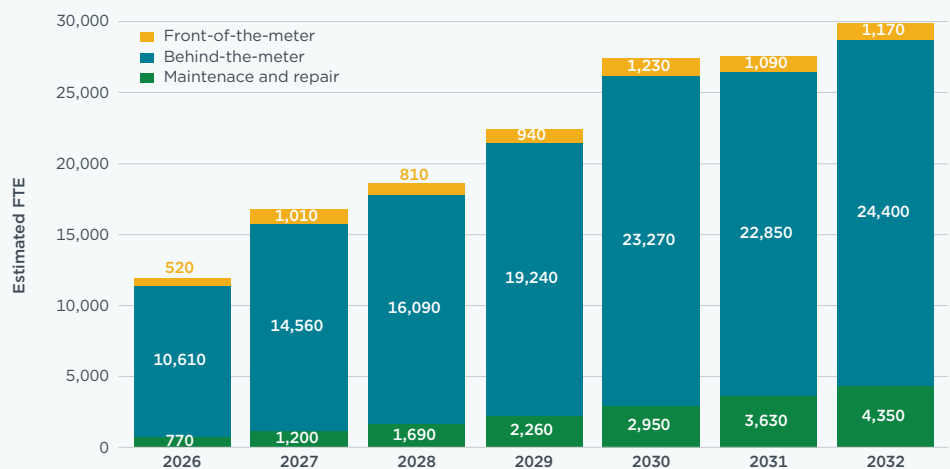
HOW EV TAX CREDITS COULD SPUR JOB GROWTH IN TRUCK CHARGING INFRASTRUCTURE

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

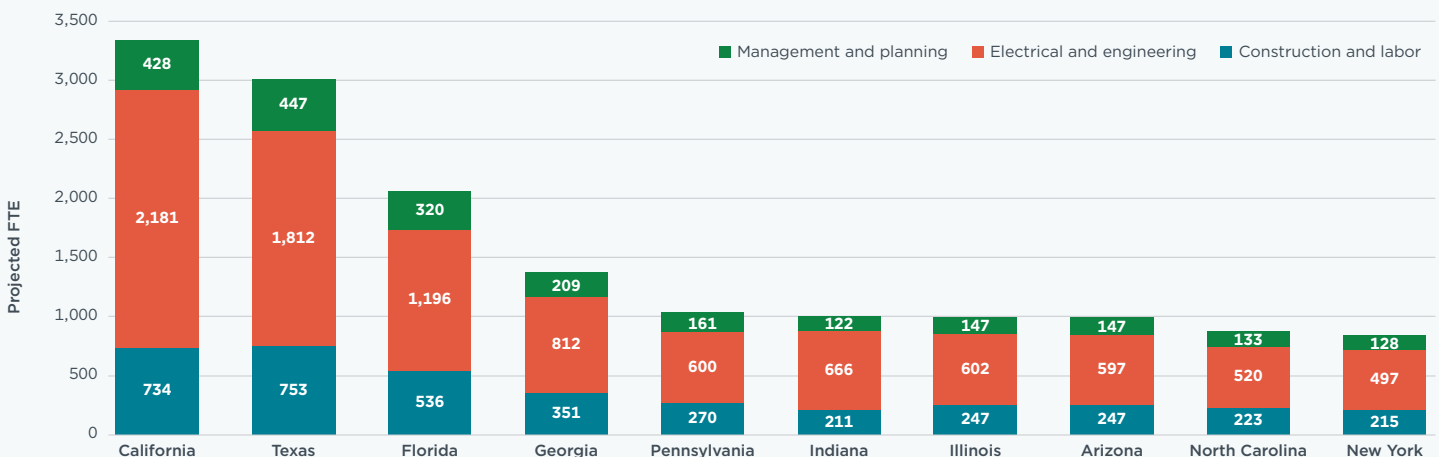
Projected medium- and heavy-duty vehicle infrastructure job demand from 2026 to 2032



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%.

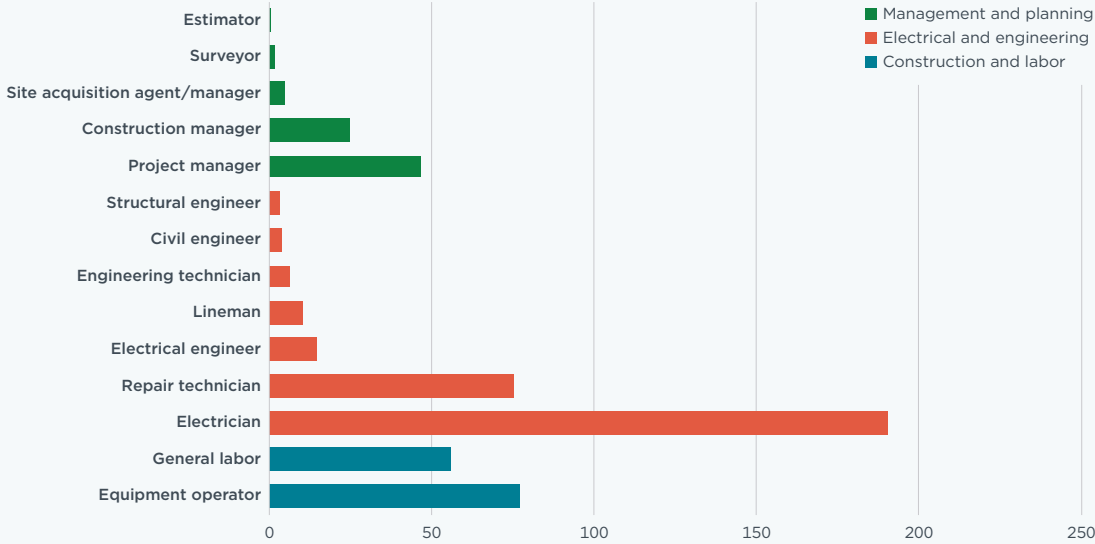
Figure 2

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



TRUCK CHARGING AND UTILITY INFRASTRUCTURE NEEDS FOR WASHINGTON

Figure 3
Estimated job demand in Washington, 2032



Washington ranks 21st in terms of projected job demand from infrastructure build out.

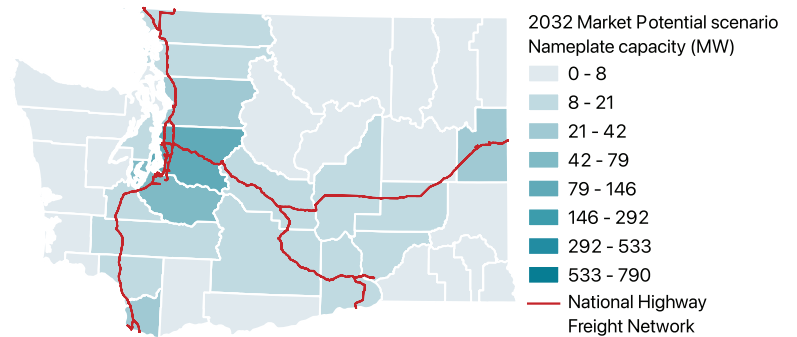
In 2032, new infrastructure growth in Washington is projected to require a minimum of 517 FTE jobs.

The ICCT estimates Washington will require charging infrastructure totaling about 662 MW in nameplate capacity by 2032.

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

- » King County - 103 FTE
- » Pierce County - 56 FTE
- » Spokane County - 41 FTE
- » Snohomish County - 40 FTE
- » Clark County - 24 FTE

Figure 4
Washington charging infrastructure nameplate capacity, 2032



STATUS OF TRUCK CHARGING INFRASTRUCTURE IN WASHINGTON

There are ongoing regional and state efforts to install truck charging infrastructure throughout Washington state. In 2024, the federal government awarded Washington, Oregon, and California \$105 million to install truck charging infrastructure along the I-5 corridor.¹ The state is also preparing to launch its \$110 million voucher incentive program to support the adoption of zero-emission medium- and heavy-duty vehicles and their charging infrastructure.²

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1 State of California, "California Scores Big Clean Transportation Boost from Biden-Harris Administration," press release, August 27, 2024, <https://www.gov.ca.gov/2024/08/27/california-scores-big-clean-transportation-boost-from-biden-harris-administration/>.

2 Washington State Department of Transportation, "Notice of Bid Opportunity - Washington State Zero-Emissions Medium & Heavy-Duty Vehicles 'MHDV' Incentive," September 5, 2024, <https://wsdot.wa.gov/business-wsdot/contracting-opportunities/notice-bid-opportunity-washington-state-zero-emissions-medium-heavy-duty-vehicles-mhdv-incentive>.