

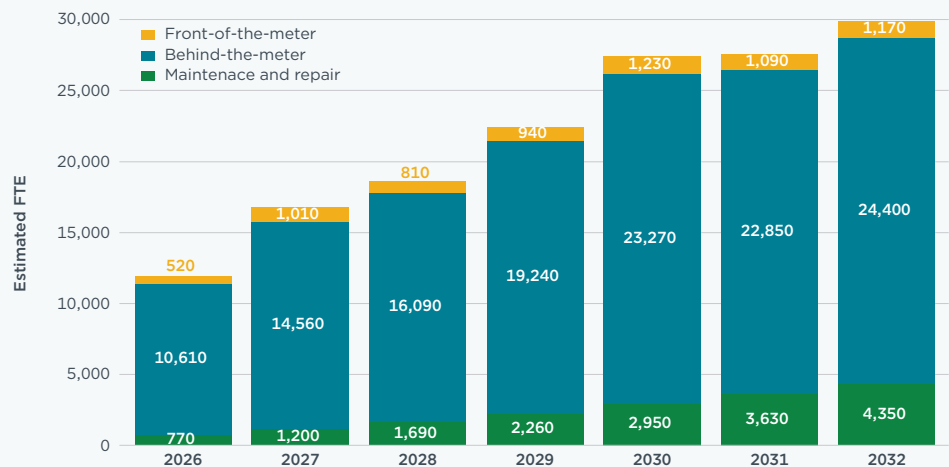
HOW EV TAX CREDITS COULD SPUR JOB GROWTH IN TRUCK CHARGING INFRASTRUCTURE

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

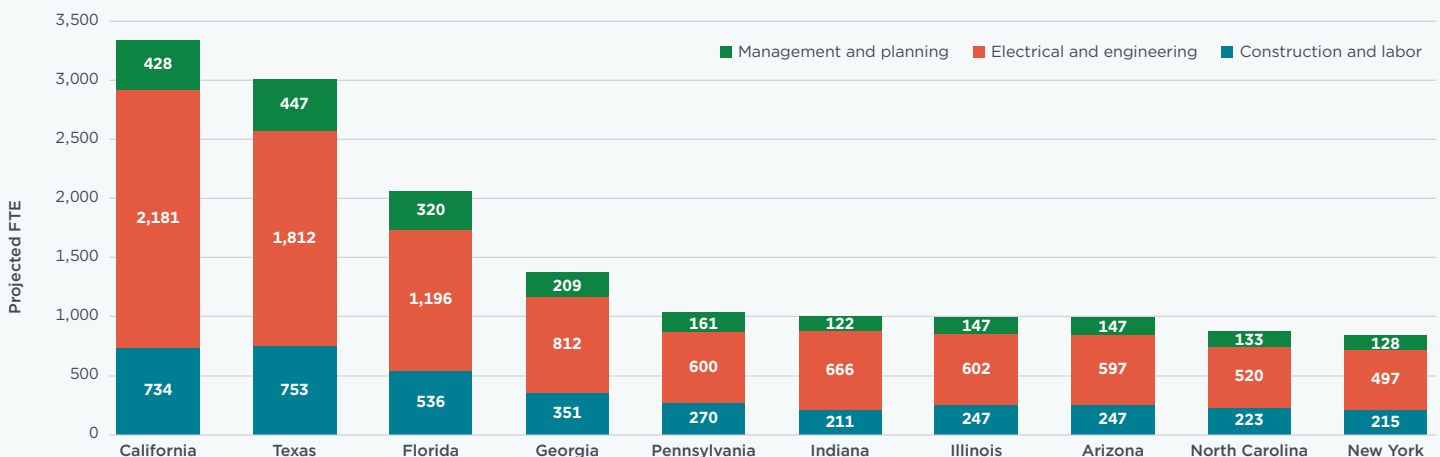
Projected medium- and heavy-duty vehicle infrastructure job demand from 2026 to 2032



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

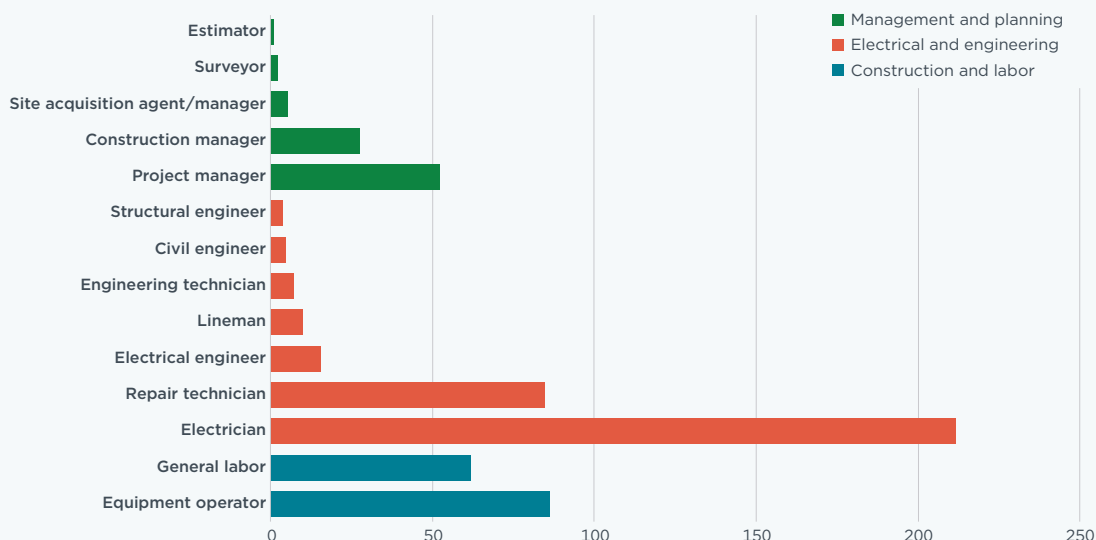
Top 10 U.S. states by job demand for charging and utility infrastructure, 2032



TRUCK CHARGING AND UTILITY INFRASTRUCTURE NEEDS FOR ILLINOIS

Figure 3

Estimated job demand in Illinois, 2032



Illinois ranks 7th in terms of projected job demand from infrastructure build out.

In 2032, new infrastructure growth in Illinois is projected to require a minimum of 996 FTE jobs.

The ICCT estimates Illinois will require charging infrastructure totaling about 1.5 GW in nameplate capacity by 2032.

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

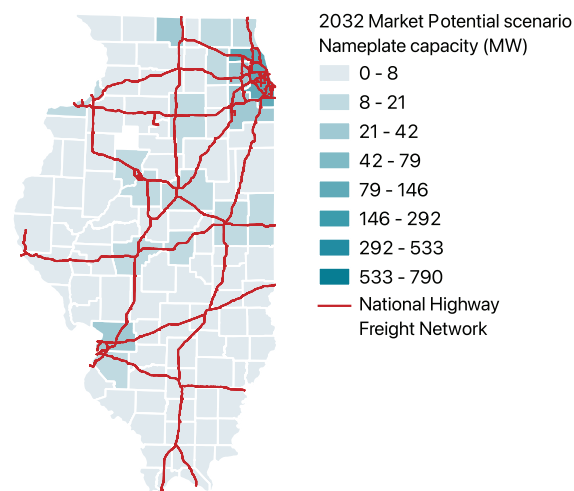
- » Cook County - 153 FTE
- » Will County - 68 FTE
- » Madison County - 48 FTE
- » Winnebago County - 45 FTE
- » DuPage County - 41 FT

CURRENT STATE OF TRUCK CHARGING INFRASTRUCTURE IN ILLINOIS

The Illinois Environmental Protection Agency was awarded \$100 million from the Federal Highway Administration's Charging and Fueling Discretionary Grant Program to deploy 14 public charging stations along priority freight corridors across the Chicago metropolitan area.¹ These sites will support 345 charging ports and feature battery storage and on-site clean power generation.

Figure 4

Illinois charging infrastructure nameplate capacity, 2032



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¹ Federal Highway Administration, "Charging and Fueling Infrastructure Program Round 2 Grant Award Recipients," (U.S. Department of Transportation, 2025), https://www.fhwa.dot.gov/environment/cfi/grant_recipients/round_2/cfi-awardees-round2.pdf.