

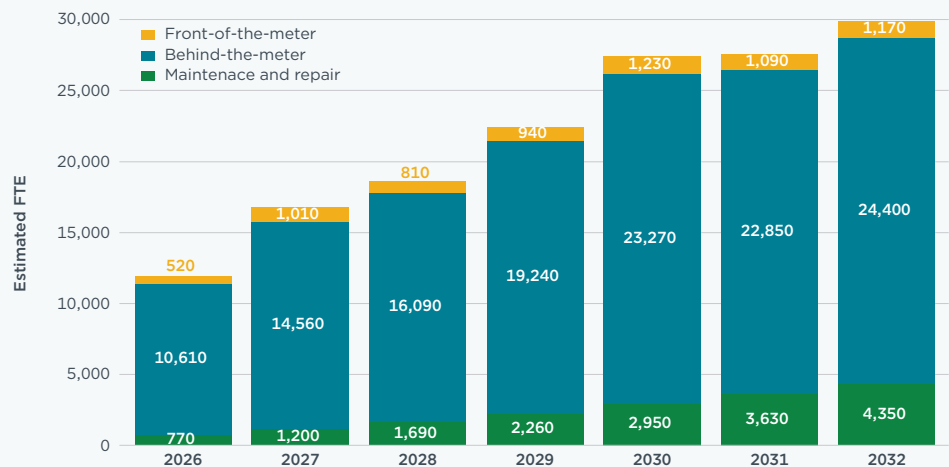
HOW EV TAX CREDITS COULD SPUR JOB GROWTH IN TRUCK CHARGING INFRASTRUCTURE

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

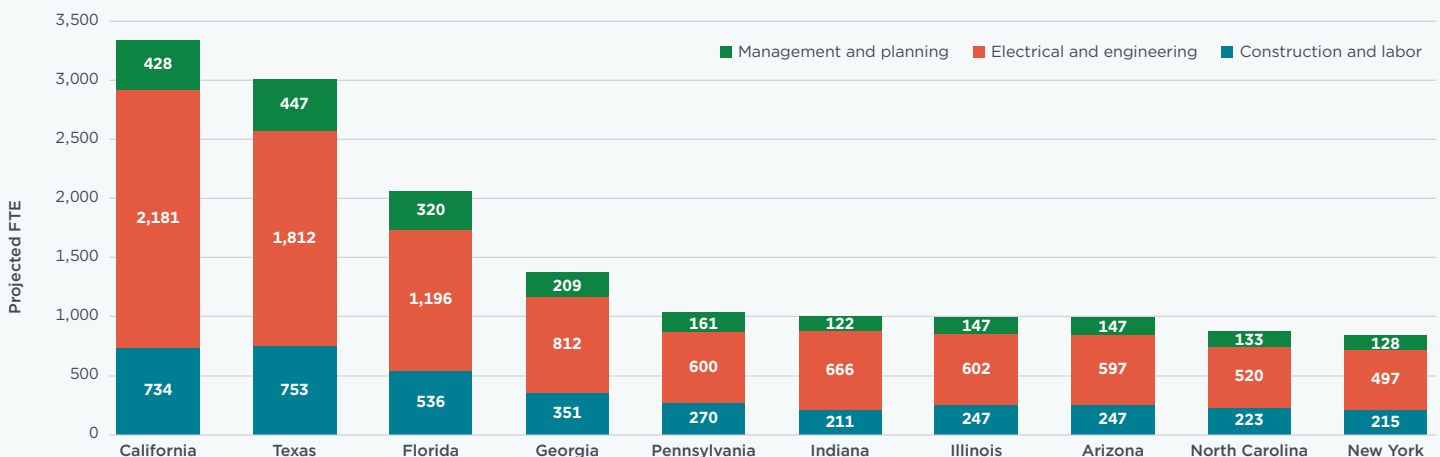
Projected medium- and heavy-duty vehicle infrastructure job demand from 2026 to 2032



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

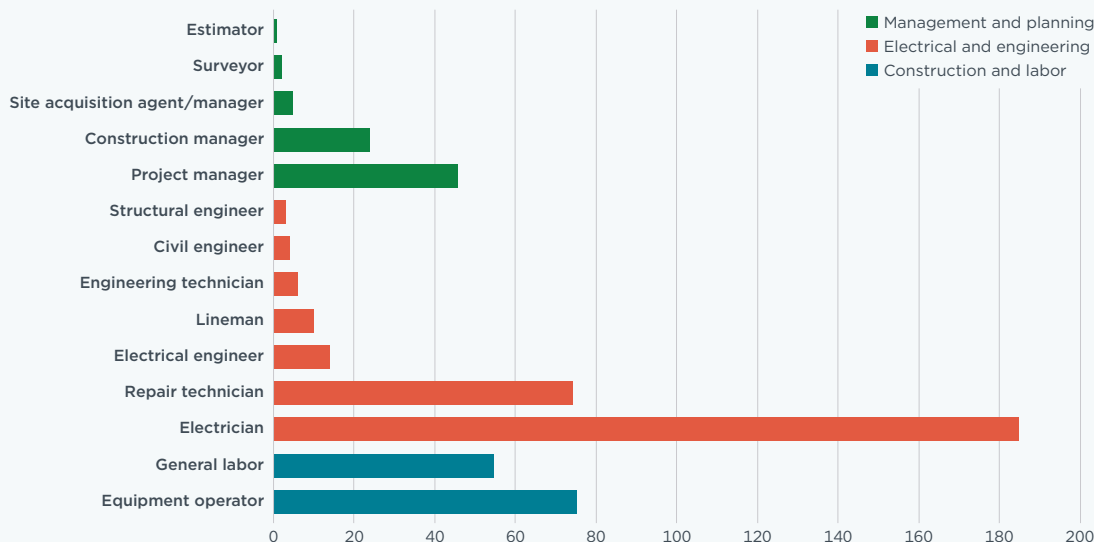
Top 10 U.S. states by job demand for charging and utility infrastructure, 2032



TRUCK CHARGING AND UTILITY INFRASTRUCTURE NEEDS FOR SOUTH CAROLINA

Figure 3

Estimated job demand in South Carolina, 2032



South Carolina ranks 22nd in terms of projected job demand from infrastructure build out.

In 2032, new infrastructure growth in South Carolina is projected to require a minimum of 504 FTE jobs.

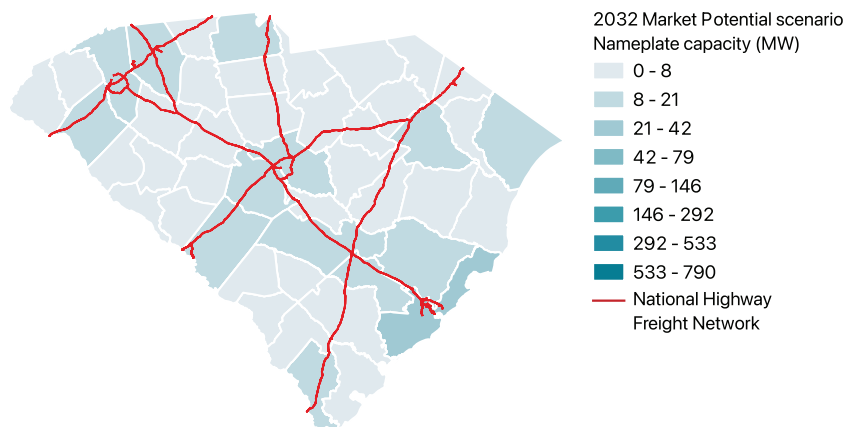
The ICCT estimates South Carolina will require charging infrastructure totaling about 676 MW in nameplate capacity by 2032.

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

- » Charleston County - 36 FTE
- » Greenville County - 34 FTE
- » Spartanburg County - 30 FTE
- » Horry County - 30 FTE
- » Richland County - 29 FTE

Figure 4

South Carolina charging infrastructure nameplate capacity, 2032



STATUS OF TRUCK CHARGING INFRASTRUCTURE IN SOUTH CAROLINA

In Greer, South Carolina, Benore Logistics Systems operates 8 regional electric and 14 hydrogen trucks.¹ The electric trucks and accompanying chargers, were purchased through the U.S. Environmental Protection Agency's DERA program in collaboration with South Carolina Ports, which helped secure the federal funding.²

1 Haley Cawthon, "Benore Logistic Systems Adds 10 Hydrogen Trucks to Fleet," *Trucking Dive*, March 12, 2025, <https://www.truckingdive.com/news/benore-logistic-systems-hyundai-xcient-hydrogen-trucks/742176/>.

2 Nikola Corporation, "Benore Logistic Systems, Inc. Solidifies Leadership in East Coast Sustainability with Addition of Nikola Battery-Electric Class 8 Truck as Their Eighth Zero-Emission Vehicle," press release, September 13, 2024, <https://www.nikolamotor.com/benore-logistic-systems-inc-solidifies-leadership-in-east-coast-sustainability-with-addition-of-nikola-battery-electric-class-8-truck-as-their-eighth-zero-emission-vehicle>.

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