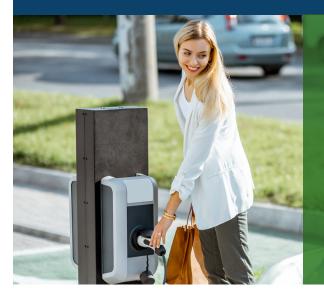
Electric Vehicle Charging Stations

Why You Should Include Them On Your Next Project



"Electric vehicle charging has become a prerequisite for any Class A development. Tenants and residents insist that EV charging is available at our properties and we expect that trend to continue to increase rapidly."

Anthony Smithson, Associate Director Development, Grubb Ventures

Electric vehicle (EV) infrastructure is becoming a necessity for Raleigh residents and visitors.

By 2040, the number of electric vehicles (EVs) is expected to increase to **55 percent of new car sales** in the United States and EVs are expected to comprise **33 percent of vehicles on the road** nationwide. Imagine that **more than half of the drivers** in Raleigh, including your employees, customers and community partners, will need access to electric vehicle charging stations.

You can save money, time and resources by including EV infrastructure planning in your development project. By doing so, you can also support the Raleigh community in being more clean, green, and accessible for everyone.

For more information email Bradley.Kimbrell@raleighnc.gov or visit the US Department of Energy's Alternative Fuels Data Center at afdc.energy.gov/fuels/electricity_infrastructure.html

Why Install EV Charging Stations?

- Attract and retain residents, customers, and employees
- Increase the property value, potential rent, and generate revenue
- Differentiate your product or business
- Meet new and emerging standards
- Achieve sustainability goals

Level	Charge Time	Uses	Cost
Level 1	10-20 Hours	Residential, long-term parking, workplaces	Unit: \$300 - \$1,500 Installation: \$0 - \$3,000
Level 2	1-3 Hours	Residential, workplace, commercial, on-street parking	Unit: \$400 - \$6,500 Installation: \$600 - \$12,700
DC Fast Charger	Under 30 Minutes	Major transportation corridors, commercial, on-street parking	Unit: \$10,000 - \$40,000 Installation: \$4,000 - \$51,000

X

81[%]

It is six times more expensive to retrofit a site for EV chargers than it is to install it upfront.

Wake County is projected

is projected to need 1,600 level-2 charging stations outside of residences by 2030.

raleighnc.gov/transportation

