

OVERALL RANK

25/75

24 out of 57 cities in large metro areas

OVERALL SCORE

33%

81.5/250 total points

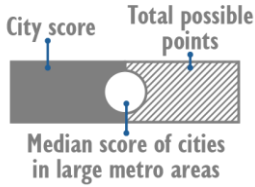
2024 CITY CLEAN ENERGY SCORECARD

# Charlotte, NC

Charlotte was in the middle of the pack among its peers, and it rose in the rankings from the previous scorecard. Charlotte performed best in the community energy infrastructure category and has the most room to improve in the buildings category.

### Recommendations

- Create more incentive and financing programs designed for disadvantaged communities.
- Set and track progress toward VMT reduction goals.
- Advocate to state officials for building energy performance standards.
- Work with utilities to formalize partnerships with community-based organizations.
- Create or expand bike networks that connect people with a variety of destinations.
- Implement clean energy workforce development initiatives targeting disadvantaged communities.



The following sections highlight Charlotte’s performance on a few key metrics that ACEEE Scorecard authors identified as high impact. To learn more about Charlotte’s Scorecard results, visit <https://www.aceee.org/city-clean-energy-scorecard>.

### COMMUNITY-WIDE INITIATIVES



13.5/45 Points



Charlotte is not on track to meet its GHG reduction goal. Charlotte used community engagement in the Corridors of Opportunity initiative to reach six underinvested areas. Charlotte’s workforce development efforts include the RENEW development program, which offers paid hands-on HVAC and electric trades training.

### BUILDING POLICIES



12/70 Points



Charlotte cannot mandate requirements beyond the North Carolina Energy Conservation Code, but the city advocates for stronger state energy codes and has an incentive for onsite renewable energy generation. The city requires municipal new construction to be LEED certified.

### TRANSPORTATION POLICIES



21.5/70 Points



Charlotte updated its zoning code to allow triplexes in all residential districts by-right in 2022. Charlotte requires that new multifamily developments include EV charging spaces. The city places some electric carsharing vehicles in underserved communities.

### COMMUNITY ENERGY INFRASTRUCTURE



21.5/40 Points



Duke Energy Carolinas offers two programs targeted to low-income customers to provide energy savings and weatherization and one program for efficiency in multifamily buildings. Charlotte and Duke Energy have a formal MOU that aims to achieve shared goals; the city has particular interest in expanding utility-scale renewable generation.

### LOCAL GOVERNMENT OPERATIONS



13/25 Points



In efforts to decrease municipal energy use, Charlotte’s Sustainable Facilities Policy prioritizes energy efficiency retrofits and benchmarking of its facilities. Efficient vehicles make up 4% of Charlotte’s municipal fleet, and 25% of its streetlights are LEDs.



### EQUITABLE PRACTICES: 31.5/85.5 POINTS

Each chapter of the City Scorecard included metrics assessing equitable practices cities are taking to advance clean energy, totaling 85.5 points available across the Scorecard.

