



Regional Codes Coordinating Committee Support Statement

2024 International Energy Conservation Code Appendix CG and RE and 2024 International Residential Code Appendix NE (RE)

Electric Vehicle Charging Infrastructure

The **2024 International Energy Conservation Code (IECC) Appendices CG and RE**, and **2024 International Residential Code (IRC) Appendix NE (RE)** – Electric Vehicle Charging Infrastructure, are voluntary and cities are not required to adopt these appendices if they adopt the 2024 IECC or 2024 IRC. The Regional Codes Coordinating Committee (RCCC) of the North Central Texas Council of Governments (NCTCOG) recommends that jurisdictions consider adopting Electric Vehicle Charging Infrastructure Appendices CG and RE of the 2024 IECC, and Appendix NE (RE) of the 2024 IRC.

These appendices provide requirements for electric vehicle charging infrastructure for adopting jurisdictions. Appendix CG applies to commercial parking facilities, and Appendices RE and NE (RE) apply to the new construction of automobile parking spaces for residential buildings. These appendices define the parking space classifications of EV ready, EV capable, and EVSE, and specify parking space quantities for these classifications depending on building occupancy classification, the total number of automobile parking spaces, and/or the number of dwelling units. In addition, system and circuit capacity requirements are specified for each parking space.

These types of requirements for new construction can make future electric vehicle charging infrastructure installations more cost-effective by reducing the need for future infrastructure upgrades, ensuring technical feasibility, and planning for system optimization. Several cities in the NCTCOG region have already begun implementing similar requirements. Integration of these requirements through adoption of these appendices will support regionwide consistency and standardization across jurisdictions.

At the request of NCTCOG staff, the RCCC Energy and Green Advisory Board (EGAB) reviewed Appendices CG and RE of the 2024 IECC, and Appendix NE (RE) of the 2024 IRC. The EGAB supported the recommendation to adopt these appendices. **The RCCC approved this Opinion Paper on [date].**

Recommended Appendices

[APPENDIX CG ELECTRIC VEHICLE CHARGING INFRASTRUCTURE - 2024 INTERNATIONAL ENERGY CONSERVATION CODE \(IECC\)](#)

[APPENDIX RE ELECTRIC VEHICLE CHARGING INFRASTRUCTURE - 2024 INTERNATIONAL ENERGY CONSERVATION CODE \(IECC\)](#)

[APPENDIX NE RE ELECTRIC VEHICLE CHARGING INFRASTRUCTURE - 2024 INTERNATIONAL RESIDENTIAL CODE \(IRC\)](#)

Jurisdictions interested in reducing the barriers to electric vehicle adoption can consider adoption of these appendices to streamline their jurisdictional processes and provide consistency amongst local governments in the region. DFWCC's EVNT webpage (<https://www.dfwcleancities.org/evreadiness>) has additional resources for local governments.

For questions regarding the contents of this Support Statement, please contact the NCTCOG Environment and Development Department at EandD@nctcog.org or (817) 695-9210. Additional NCTCOG Recommended Codes and Regional Amendments can be found here: <https://www.nctcog.org/envir/regional-building-codes/amendments>.