

Regional Codes Coordinating Committee

Date: February 19, 2025

Staff Contact:
Hannah Ordonez



Welcome

Thank you for joining us today!

Action Items

Meeting Summary

The January 14, 2025 meeting summary is available [here](#) for your review and consideration.

Approval of the 2024 Regional Code Amendments

Building & Residential Advisory Board – Sello Mata

- **International Building Code**
- **International Existing Building Code**
- **International Residential Code**

Approval of the 2024 Regional Code Amendments

Energy & Green Advisory Board – Wayne Snell

- **International Energy Conservation Code**

Discussion and Potential Action Item

EV Ready Provisions Support Statement

NCTCOG Transportation Staff has developed a draft Support Statement outlining a recommended adoption of the 2024 IECC Appendices CG and RE, and 2024 IRC Appendix NE (RE).

The Support Statement was developed with support from the Energy & Green Advisory Board.



North Central Texas
Council of Governments



Dallas-Fort Worth
CLEAN CITIES

EV Parking Planning & Codes

Amy Hodges, Program Manager
Transportation Department

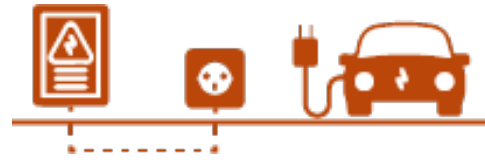
Regional Codes Coordinating Committee Meeting
February 19, 2025

EV Parking Infrastructure Specifications



EV CAPABLE SPACE

Electrical Panel Capacity +
Conduit



EV READY SPACE

EV Capable
+ Installed Full Circuit



EVSE SPACE

Install EV Charging
Station

Graphics Source: Southwest Energy Efficiency Project

4x-6x
more expensive

The cost to install EV Ready infrastructure post-construction compared to at time of new construction.

Source: [Alternative Fuels Data Center](#)

Texas Cities EV-Ready Requirements

City	Residential	Commercial	Compared to 2024 IECC
Austin	None	None	NA
Dallas	1- to 2-family units: 1 EV ready space/unit	3 or more units + Commercial: calculated % based on total nbr of spaces*	Residential: somewhat consistent Commercial: less
Farmers Branch	Draft: 1- to 2-family units: 1 EV Ready space/unit; multi-family varies based on total nbr of spaces*	None	Residential: somewhat consistent Commercial: less
Lewisville	100+ parking spaces must have 5% EV Ready Spaces	100+ parking spaces must have 5% EV Ready Spaces	Residential: less Commercial: less
San Antonio	1- to 2-family units: 1 EV Ready space/unit; all others - 5% EV Capable Spaces of total required parking spaces	5% EV Capable Spaces of total required parking spaces	Residential: somewhat consistent Commercial: less

*See slide for details

Texas Cities EV-Ready Requirements

City of Dallas - Multifamily (3 or more units) and Commercial Buildings

Total Parking Spaces	% EV Ready Spaces	% EV Capable Spaces
1	1	NA
2-10	2	NA
11-15	2	3
16-20	2	4
21-25	2	5
26+	2	20% of total parking spaces

Farmers Branch – Multi-family varies based on total number of parking spaces

Total Parking Spaces	Minimum EV Ready Spaces	Minimum EV Capable Spaces
1-10	1	NA
11-15	1	3
16-20	2	4
21-25	2	5
26+	2	20% of total parking spaces

EV-Ready Building Codes and Standards

International Code Council:

International Energy Conservation Codes (IECC) - Updated May 2024

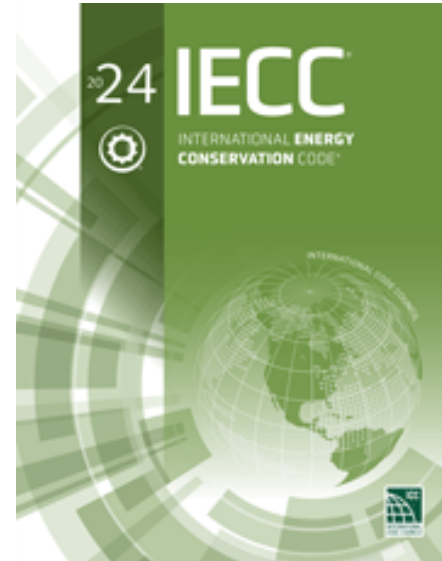
- Minimum parking space requirements for EV Capable, EV Ready, and EVSE Spaces*
- System capacity and circuit capacity requirements
- Commercial: [Appendix CG Electric Vehicle Charging Infrastructure](#)
- Residential: [Appendix RE Electric Vehicle Charging Infrastructure](#)

Benefits of integrating 2024 IECC into building and parking requirements

- Help your community be EV ready
- Earn points toward Charging Smart designation
- Cost savings to facility owner and utility for including in new construction vs retrofit

dfwcleancities.org/evreadiness

*EVSE Space was formerly referred to as EV-Installed



Graphics Source: International Codes Council



EV Parking Planning & Codes

Commercial: Table CG101.2.1

Required EV Power Transfer Infrastructure

Occupancy	EVSE Space	EV Ready Space	EV Capable Space
Group A	10%	0%	10%
Group B	15%	0%	30%
Group E	15%	0%	30%
Group F	2%	0%	5%
Group H	1%	0%	0%
Group I	15%	0%	30%
Group M	15%	0%	30%
Group R-1	20%	5%	75%
Group R-2*	20%	5%	75%
Group R-3 and R-4	2%	0%	5%
Group S exclusive of parking garages	1%	0%	0%
Group S-2 parking garages	15%	0%	30%

*Based on total number of dwelling units or parking spaces, whichever is less

Commercial EV Charging Infrastructure

Number of required of EV Capable, EV Ready, and EVSE spaces is determined below and per Table CG101.2.1 based on total number of parking spaces.

1. Where more than one parking facility is provided on a building site, number of parking spaces required to have EV power transfer infrastructure is calculated separately for each parking facility.
2. Where one shared parking facility serves multiple building occupancies, required number of spaces is determined proportionally based on the floor area of each building occupancy.
3. Installed EVSE spaces that exceed the minimum requirements may be used to meet the minimum requirements for EV Ready and EV Capable spaces.
4. Installed EV Read spaces that exceed the minimum requirements may be used to meet the minimum requirements for EV Capable spaces.
5. Where the number of EV Ready spaces allocated for R-2 occupancies is equal to the number of dwelling units or to the number of parking spaces allocated to R-2 occupancies, whichever is less, requirements for EVSE spaces for R-2 occupancies shall not apply.
6. Requirements for a Group S-2 parking garage is determined by the occupancies served by that parking garage. Where new automobile spaces do not serve specific occupancies, the values for Group S-2 parking garage in Table CG101.2.1 is used.

Exception: Parking facilities serving occupancies other than R2 with fewer than 10 parking spaces.

Residential EV Charging Infrastructure

Appendix RE Electric Vehicle Charging Infrastructure



New one- and two-family dwellings and townhouses with a designated attached or detached garage or other on-site private parking provided adjacent to dwelling unit

- Provide one EV Capable Space, EV Ready Space or EVSE Space per dwelling unit



New R-2 occupancies or allocated parking for R-2 occupancies in mixed-use buildings

- Provide EV Capable Space, EV Ready Space or EVSE Space for 40% of the dwelling units or parking spaces, whichever is less

Contact Us



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Discussion

Regional Codes Program Discussion

FY2025 Commitments Received: \$48,900

Aledo	Alvarado	Annetta	Aubrey	Benbrook	Blue Mound
Cedar Hill	Celina	Dalworthington Gardens	Denton	DeSoto	Farmersville
Flower Mound	Forest Hill	Frisco	Godley	Granbury	Hackberry
Highland Village	Hudson Oaks	Hurst	Hutchins	Joshua	Lancaster
Mansfield	Melissa	Mesquite	Mineral Wells	Northlake	Pilot Point
Plano	Prosper	River Oaks	Runaway Bay	Sachse	Sanger
Seagoville	Trophy Club	White Settlement	Willow Park		

Regional Codes Work Program Discussion

- Invoices were mailed in late October 2024. If you would like a digital invoice or have questions about the Work Program, please email [Hannah Ordonez](#).
- **Anticipated budget goal: \$70,000; amount committed through 2/18/25: \$48,900**

Population (NCTCOG Estimates)	Cost
1 million+	\$7,500
750,000–999,999	\$7,000
500,000–749,999	\$6,000
350,000–499,999	\$5,000
200,000–349,999	\$4,150
100,000–199,999	\$3,250
50,000–99,999	\$2,150
25,000–49,999	\$1,400
10,000–24,999	\$1,000
Less than 10,000	\$500

89th Texas Legislative Session

- **Filing began on Tuesday, November 12, 2024**
- **Session began on January 14, 2025**
- **Should NCTCOG track codes related bills this session?**

Training Opportunities

- **Need for future training?**

Future Agenda Items

Other Business/ Roundtable

Next Meeting

July 15, 2025

9:30 am

Format: TBD



Adjournment

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Short Break

Lunch Break