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North Central Texas  
Council of Governments



Dallas-Fort Worth  
CLEAN CITIES

# Oncor Clean Fleet Partnership Program

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Jared Wright, Air Quality Planner

March 22, 2023

North Central Texas Council of Governments

Dallas-Fort Worth Clean Cities

# WHO WE ARE

Regional Planning Agency



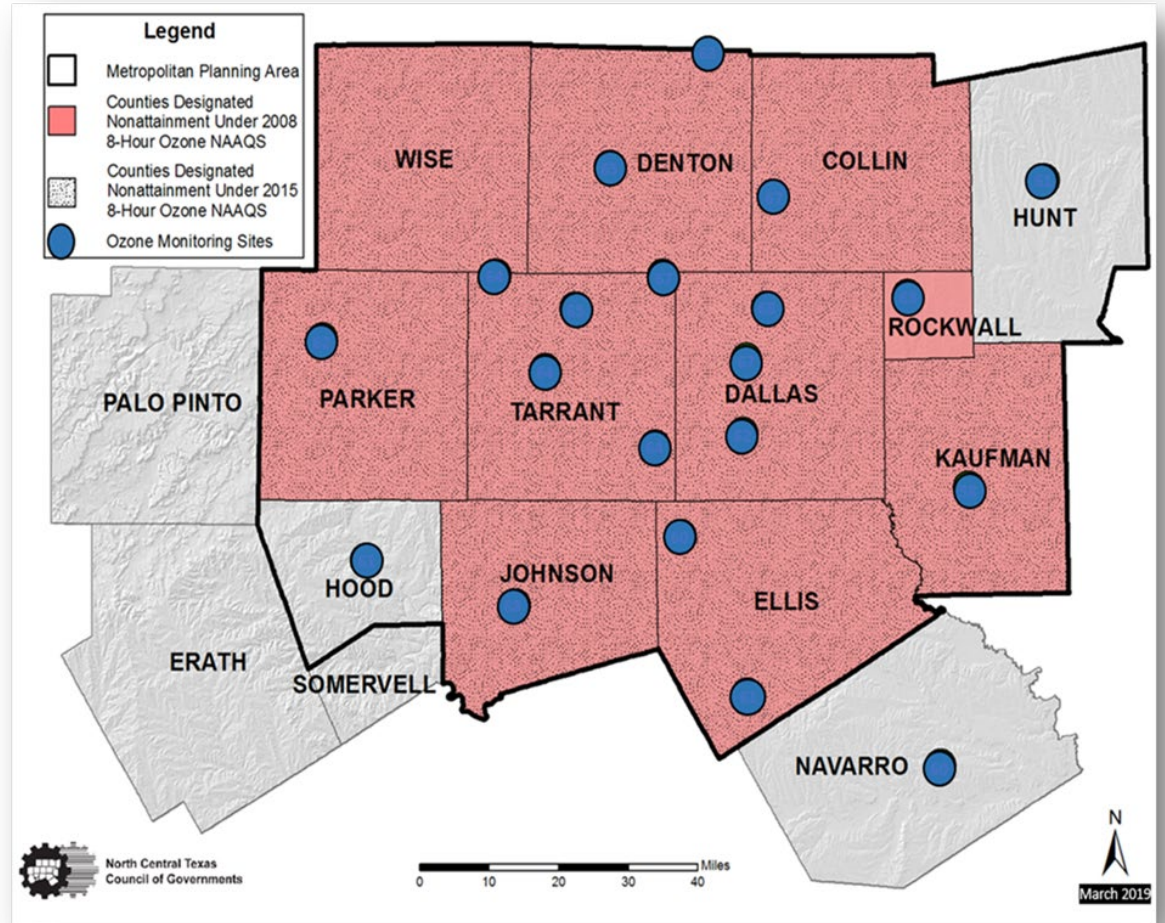
Metropolitan Planning Organization (MPO)



Department of Energy - Designated Clean Cities Coalition



*Sister Coalitions in Texas:*  
*Alamo Area Clean Cities (San Antonio)*  
*Houston-Galveston Clean Cities*  
*Lone Star Clean Fuels Alliance (Austin)*



# KEY FOCUS AREAS & GOALS



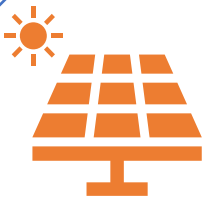
## Fleet/Driver Guidance and Planning

- Support Transition to Zero Emission Vehicle (ZEV) and Other Alternative Fuel Technologies
- Assist Deployment of Clean Vehicle Technologies by Identifying, Promoting, and Providing Funding



## Infrastructure Planning & Readiness

- Increase Equitable Access to Electric Vehicle (EV) Charging Infrastructure
- Ensure Local Governments are Informed and Prepared to Support Local EV Adoption
- Reduce Barriers, Delay, and Cost in Local Infrastructure Development
- Build Publicly-Accessible Infrastructure Network to Support ZEV Transition in Medium- and Heavy-Duty Sector



## Energy Integration

- Minimize Negative Electric Grid Impacts Associated with Transportation Electrification
- Increase Local Availability of Renewable Fuels (electricity, natural gas, hydrogen, biodiesel)
- Improve Resilience against Fuel/Energy Interruptions



# NCTCOG 2023 Heavy-Duty Zero Emission Vehicle Infrastructure Call for Partners

- Requesting Partnership Proposals from Project Teams to Compete for Federal or State Grant Funding to Build Publicly Accessible ZEV Fueling Infrastructure for Medium- and Heavy-Duty (MD/HD) ZEVs
  - Charging and Fueling Infrastructure Discretionary Grant Program - <https://www.fhwa.dot.gov/environment/cfi/>
- Call for Partners Documents, Including Responses to Teaming Partner List Available on the [Call for Partners Webpage](#)
- **Proposals Must be Received by Friday, April 7, 2023**
- Details at [nctcog.org/aqfunding](https://nctcog.org/aqfunding)



# Currently Open Funding Opportunities

Find a Full List of Funding Opportunities On Our Webpage - [nctcog.org/aqfunding](http://nctcog.org/aqfunding)

## [Clean Vehicle Tax Credit](#)

**Funds:** Federal tax credit of \$2,500 - \$7,500 for the purchase of a light duty plug-in electric or fuel cell vehicle

## [Commercial Electric Vehicle \(EV\) and Fuel Cell Electric Vehicle \(FCEV\) Tax Credit](#)

**Funds:** Federal tax credit up to \$7,500 for vehicles under 14,000 lbs. and \$40,000 for vehicles over \$40,000 lbs.

## [Alternative Fuel Infrastructure Tax Credit](#)

**Funds:** 30% Federal tax credit for the installation of EV charging infrastructure

## [Energy Efficiency and Conservation Block Grant \(EECBG\)](#) - **Pre-Award Sheet due April 28**

**Funds:** Energy efficiency and conservation, electric vehicles and electric vehicle infrastructure

## [Emissions Reduction Incentive Grants \(ERIG\)](#) - **Apply by April 4**

**Funds:** Repower or replace older locomotive, marine, stationary equipment, or select non-road equipment to reduce nitrogen oxides (NOx) emissions in ozone nonattainment areas

## [Governmental Alternative Fuel Fleet Grant Program \(GAFF\)](#) - **Apply by May 16**

**Funds:** Purchase or lease new alternative fuel or electric vehicles. Funding for vehicles is pre-determined by the Texas Commission on Environmental Quality from \$17,000 - \$80,000. Up to 10% of award for purchase, lease, or install of refueling infrastructure or equipment, or refueling services

# CONTACT US



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**Dallas-Fort Worth  
CLEAN CITIES**



[dfwcleancities.org](http://dfwcleancities.org)



[cleancities@nctcog.org](mailto:cleancities@nctcog.org)



# Oncor's EVolution Fleet Partnership Program

What is Oncor doing to help our fleet customers and how are we  
preparing for fleet load growth





# Preparing for Impact: Educating Customers & Quantifying Load

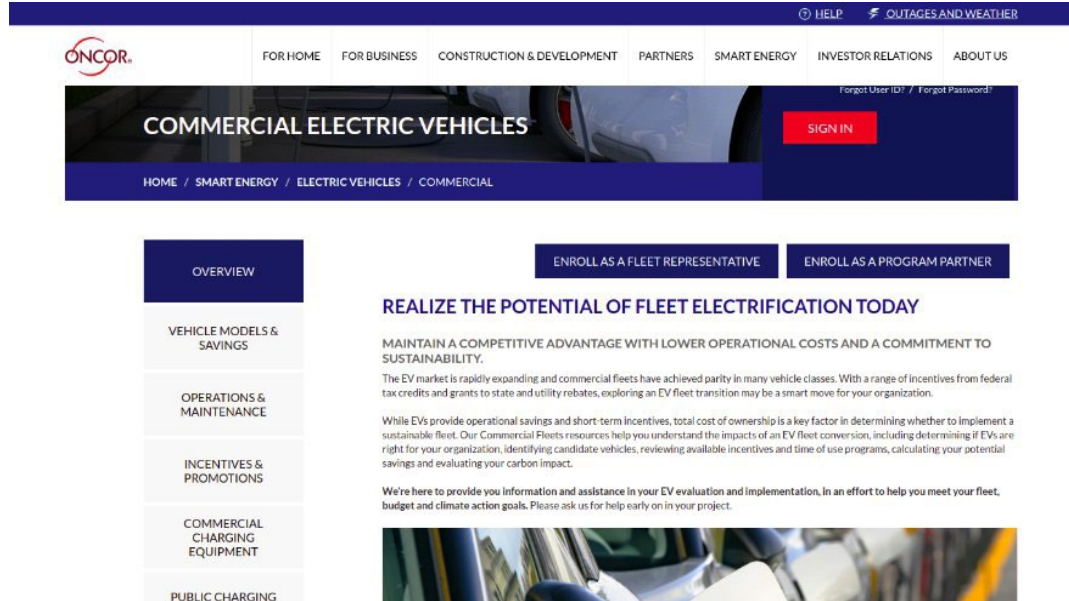
- **What Problems are we solving**

- What does EV Fleet electrification look like for the Oncor service territory in the coming years?
- How does Oncor proactively prepare for the potential load this could bring?
- How do we create an open communication process for our fleet customers?
- How do we streamline our internal process to help our fleet customers?

- **What is the solution?**

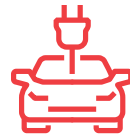
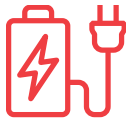
- Provide outreach and information to Oncor's fleet customers about electrification from Oncor's perspective
- Create a systematic way to quantify EV electrification impact to the Oncor grid

# Oncor's EVolution Portal



- Customers will enroll through the Clean Fleet Partnership Program portal on the Oncor.com/EV website.
- Oncor will then contact the customer to provide information and material.

The screenshot shows the 'Enrollments' form on the Oncor website. The form is titled 'Enrollments' and has 'Close' and 'Save' buttons. It is divided into several sections: 'Customer Information' and 'Program Information'. The 'Customer Information' section includes fields for 'Legal Business Name', 'Assumed Business Name or DBA', 'Contact Name', 'Contact Title', 'Contact Email', 'Contact Phone Number', 'User ID', 'Business Type' (a dropdown menu), and 'Business Certifications' (a dropdown menu). The 'Program Information' section includes three questions with 'Yes' and 'No' radio button options: 'Are you a manufacturer of vehicles?', 'Are you willing to display Oncor educational material at your facility, website or social media?', and 'Would you like your contact information included in the program contact list?'. At the bottom, there is a text input field labeled 'Tell us how you would like to benefit from this partnership'.

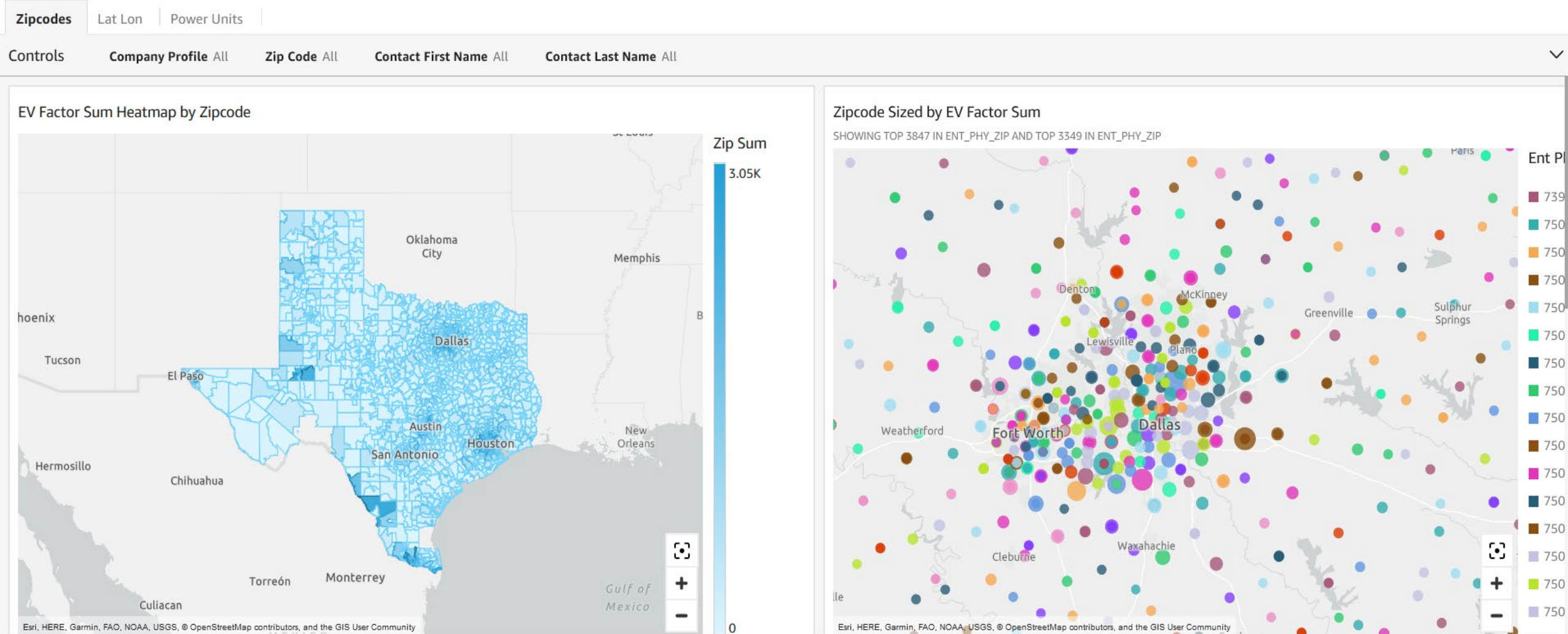




# Oncor's Evolution Content

Group	Content
<b>Customer Relations</b>	<b>Customer billing, demand charges and tariffs</b>
<b>Distribution Planning</b>	<b>Overview of load growth, general grid education and regulations</b>
<b>Distributive Generation</b>	<b>Solar, battery and interconnections</b>
<b>Energy Efficiency</b>	<b>Smart charging, energy conservation, consumption patterns and charging pilots</b>
<b>PMDS</b>	<b>Serve New and construction processes</b>
<b>REP Relations</b>	<b>REP vs Oncor roles and responsibilities</b>

# Onco EVolution Analysis with AWS



# Oncor Energy Efficiency

Managed EV Charging Study

February 2023

# What Is Energy Efficiency?

## Energy CONSERVATION

- Energy conservation is any behavior that results in the use of less energy.
  - Example: Turning lights off to save energy.

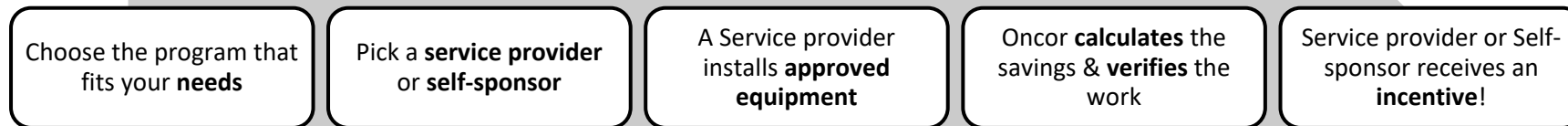


## Energy EFFICIENCY

- Energy efficiency is using technology that requires less energy to perform the same function.
  - Example: Installing efficient lighting, such as LEDs, to save energy.



## Getting Started



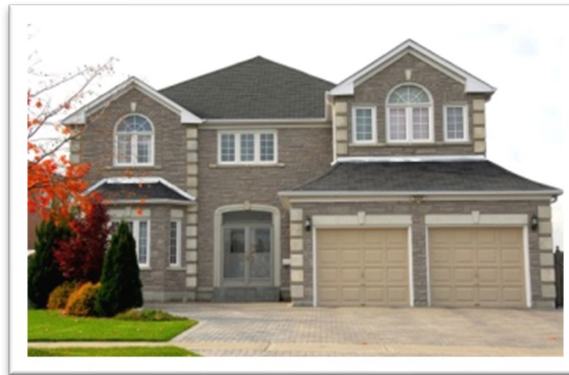
# Program Offerings

<b>Commercial Programs</b>	<b>Residential Programs</b>
Commercial Standard Offer Program	Home Energy Efficiency Program
Commercial Solar Program	Low-Income Weatherization Program
Commercial Load Management Program	Residential Solar Program
Winter Commercial Load Management Program	Targeted Low-Income Program
Small Business Program MTP	Residential Load Management
Commercial Midstream MTP	Retail Products MTP
Strategic Energy Management MTP	New Homes Construction MTP

**Businesses**



**Homes**



**Schools**



# Commercial Energy Efficiency Programs

- Oncor's Commercial Energy Efficiency Programs provide incentives for upgrading equipment and processes to increase the energy efficiency of a facility. Commercial facilities have the opportunity to select from two participation pathways.

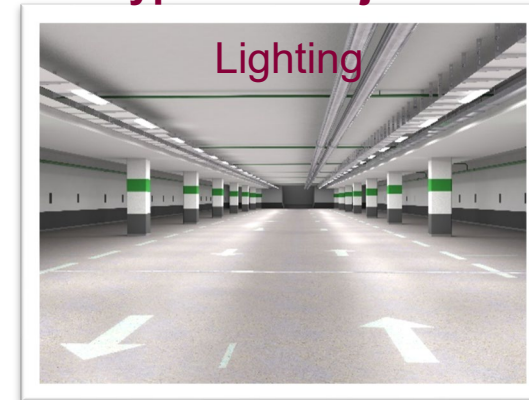
## Commercial Standard Offer Program

- Incentives available for new or existing facilities.
- Project savings determined using deemed savings.
- Projects with measurement and verification requirements.

## Strategic Energy Management MTP

- Energy Concierge
- ENERGY STAR® Treasure Hunt

## Types of Projects:



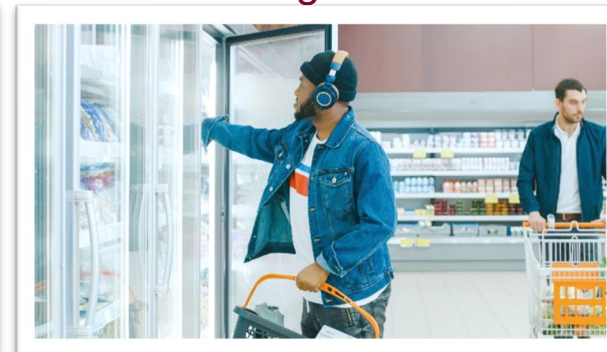
## Chillers



## Motors



## Refrigeration





# Managed EV Charging Study



## OBJECTIVE

Provide educational opportunities for commercial premises with EV fleets and/or electric vehicle charging locations on peak demand shifting or energy consumption reduction strategies.

## ELIGIBILITY

Must have a valid ESID and customer must deploy a minimum of 5 electric vehicle chargers or at least 2 medium-heavy duty electric fleets.

## REQUIREMENT

Participants will agree to have a minimum of once a month touch point with Oncor to discuss ongoing research and minimum participation of one year.

## INCENTIVE

Oncor will provide incentives for participation.

Enrollment up to \$10,000

Participation up to \$10,000

Maximum incentive \$25,000

## BENEFIT

Potential understanding of strategies that can decrease utility cost for commercial premises due to managed fleet charging.

For more information on how to participate in this study, contact us

**Contact Information**

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