National Drive Electric Week: Virtual Events and Local Successes

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Air Quality Planner
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November Public Input Meeting
NATIONAL DRIVE ELECTRIC WEEK
NATIONAL DRIVE ELECTRIC WEEK:

PAST SUCCESS

• Raising Awareness & Education of Electric Vehicles
• Providing Opportunities for Direct Conversation with EV Owners
• Creating Opportunities for Ride and Drives
• 2nd Largest Event Nationwide

Participant Count | EV Count
---|---
350 | 128
400 | 155
627 | 169
647 | 186

2016 | 2017 | 2018 | 2019

Imagery Provided by Ken Oltmann/Coserv
Imagery Provided by NCTCOG
NATIONAL DRIVE ELECTRIC WEEK 2020

DFW EVENT

- DFW LIVE Event
- Second Annual Oncor EV Road Rally
- Using Clean Cities Tools to Implement Electric Vehicle and EV Infrastructure Goals
- Electric Vehicle Fleet Manager Roundtable

Almost 5000 Participants LIVE!

NDEW: www.driveelectricdfw.org | EV Road Rally: https://vimeo.com/459630387
LOCAL EV SUCCESSES
North Texas EV Fleet Composition
72% BEV/28% PHEV

12,821 EVs
in North Texas as of September 2020

35%
2019 North Texas Growth Rate

Historic Texas EV Registration Tool

Tools: www.dfwcleancities.org/evnt
# LOCAL ELECTRIC VEHICLE SUCCESSES

## Municipalities with EVs

<table>
<thead>
<tr>
<th>Arlington</th>
<th>Benbrook</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrollton</td>
<td>Cedar Hill</td>
</tr>
<tr>
<td>Coppell</td>
<td>Dallas</td>
</tr>
<tr>
<td>Denton</td>
<td>Euless</td>
</tr>
<tr>
<td>Farmers Branch</td>
<td>Frisco</td>
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<tr>
<td>Garland</td>
<td>Grapevine</td>
</tr>
<tr>
<td>Irving</td>
<td><strong>Lewisville</strong></td>
</tr>
<tr>
<td>McKinney</td>
<td>Mesquite</td>
</tr>
<tr>
<td>North Richland Hills</td>
<td>Plano</td>
</tr>
<tr>
<td>Richardson</td>
<td>Southlake</td>
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<tr>
<td>Addison</td>
<td>Flower Mound</td>
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</tbody>
</table>

## Lewisville Case Study

- **10 BEVs**
- **14 HEVs**
- Saves **$1,000 annually on Maintenance**
- **2 Cents per mile in Charging Costs**
- **150-260 miles of Range per charge.**

[https://www.dfwcleancities.org/successstories](https://www.dfwcleancities.org/successstories)
LOCAL ELECTRIC VEHICLE SUCCESSES

DART:
- 7 Heavy-Duty Electric Transit Buses
- Reduced 255 pounds Nitrogen Oxides and 116 Tons GHGs in 2019

Trinity Metro:
- 4 Heavy-Duty Electric Transit Buses
- Reduced 95 pounds Nitrogen Oxides and 43 Tons GHGs in 2019

Everman ISD:
- 3 Electric School Buses - First in Texas
- Expected to Reduce 51 pounds of Nitrogen Oxides and 18 Tons GHGs per Year
- Received Texas Volkswagen Environmental Mitigation Program Grant of $969,295

Emissions Reduction Calculation: https://afleet-web.es.anl.gov/afleet/
LOCAL ELECTRIC VEHICLE DATA COLLECTION PROGRAM

Electric Vehicle Widescale Analysis for Tomorrow’s Transportation Solutions (EV-WATTTS)

- Collect Real-World Use Data from EVs and EV Charging Stations
- Share Aggregated & Anonymized Data with Department of Energy, National Laboratories, and the Public

How EV Owners Can Participate:
- Own/Operate EVs (Both Battery-Electric and Plug-In Hybrid Desired)
- Allow Installation of Free Data Loggers
- Fill Out EV Owner Survey

Contact bmuller@nctcog.org for More Information
## ELECTRIC VEHICLE FUNDING

<table>
<thead>
<tr>
<th>Program</th>
<th>Funds</th>
<th>Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Plug-In Electric Drive Vehicle Tax Credit</strong></td>
<td>Up to $7,500 Tax Credit on a New Plug-in Vehicle</td>
<td>Credit Amounts Phased out By Manufacturers when at Least 200,000 Qualifying Vehicles have been sold for use in the United States</td>
</tr>
<tr>
<td><strong>Texas Light-Duty Motor Vehicle Purchase or Lease Incentive Program</strong></td>
<td>Up to $2,500 Rebate</td>
<td>January 7, 2021</td>
</tr>
<tr>
<td><strong>Texas Volkswagen Environmental Mitigation Plan: Zero Emissions Vehicle Infrastructure</strong></td>
<td>Up to $2,500 on Level 2 Infrastructure, Not to exceed 70% per Activity</td>
<td><strong>First Come- First Served</strong> until August 11, 2021</td>
</tr>
</tbody>
</table>

For a full list of available funding opportunities visit [www.nctcog.org/aqfunding](http://www.nctcog.org/aqfunding)
Differentiate a Property
Show a Public Commitment
Double EV Commuting Range
Plan and Accommodate to Save

GET EVSE AT WORKPLACES OR MULTI-UNIT DWELLINGS
Connect with companies, developers, and facility managers to request on-site infrastructure and share details on funding opportunities

An individual who has access to EV charging at work is 20 times more likely to buy a plug-in” - U.S. DOE 2018

Learn More About Workplace Charging and Download our Info Flyer
www.dfwcleancities.org/workplace-charging
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