Connecticut Department of Energy and Environmental Protection
Electric Vehicle and Charging Infrastructure Grant Opportunities

April 20, 2015
Jennifer Reilly
School Flag Program
Mobile Sources

Connecticut Department of Energy and Environmental Protection
Transportation is the Largest Emitter

In Connecticut, mobile sources account for 40% of all CO₂ emissions

In Connecticut, on road vehicles account for 49% of all NOₓ emissions
Are electric cars cleaner?

Fuel Sources for Electric Power Generation in Connecticut in 2012 (EIA)

- Nuclear: 55%
- Renewables: 36%
- Natural Gas: 6%
- Coal: 2%
- Petroleum: 1%

Connecticut has the 5th cleanest energy production for CO₂ emissions in the country, making electric vehicles (EVs) significantly better for than environment than conventional vehicles.

Climate Central Report 2013

USA Average
- 0.46 lbs. CO₂e/mile

Connecticut
- 0.24 CO₂e/mile

The CO₂e emissions of EVs are lower in Connecticut than the national average.
Why consider an EV or hybrid?

- Save Money on Registration
- Energy Independence
- No or Low Emissions
- $7,500 Federal Tax Credit
- Less Maintenance
- Safe to Drive
- Reduce your Carbon Footprint
Connecticut is Range Confident!

Connecticut’s Existing EV Charging Equipment
April 2015

Existing and proposed public EV charging stations within Connecticut from DOC map found at http://www.aric.energy.gov/facility/stations/ and augmented with DEEP data as of 4/15/2015

Connecticut Department of Energy and Environmental Protection
DEEP EVConnecticut

Connecticut Department of Energy and Environmental Protection
DEEP Charger Grant Requirements

- Municipality owned facility
- $2,000-$4,000 per location
- Underserved locations-100% ($10,000)
- Open to the public at no cost
- Operation ASAP
- No charging fee for 3 years
- Deadline April 28, 2015
2015 DOT Clean Fuel Program

- Available for municipal and public entities
- Hybrid Electric, Battery Electric, Natural Gas Vehicles (LNG/CNG)
- Covers differential cost
- Deadline April 30, 2015
For More Information:

• **DEEP’s Municipal Charger Grant**
  www.ct.gov/deep/evconnecticut
  Patrice Kelly  860-424-3410

• **DOT’s Clean Fuel Program**
  Kevin Peak  860-594-2807
Questions?

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You cannot protect the environment unless you empower people, you inform them, and you help them understand that these resources are their own, that they must protect them.

- Professor Wangari Maathai