Connecting the Dots - Why Clean Cities?

Clean Cities advances the energy, economic, and environmental security of the United States by supporting local actions to cut petroleum use in transportation.

- Reduced petroleum consumption
- Reduced greenhouse gas emissions
- Reduced dependence on imported petroleum
Clean Cities Portfolio of Technologies

**Alternative Fuels**
- Electric Vehicles
- Biodiesel
- Ethanol
- Hydrogen
- Propane
- Natural Gas

**Idle Reduction**
- Heavy-Duty Trucks
- School & Transit Buses
- Light-Duty Vehicles

**Fuel Economy**
More Fuel efficient vehicles, adopting smarter driving and vehicle purchasing habits

- Hybrids
  - Light- and heavy-duty
  - Electric hybrids
  - Plug-In hybrids
  - Hydraulic hybrids

**Post Sandy Theme = FUEL DIVERSIFICATION!**
Clean Cities coalitions are locally based with the ability to tap national resources.
Major Freight Corridors & Clean Cities

- Significant Clean Cities Coalition resources available
- Worked with numerous stakeholders to support several Clean Corridor nomination activities across multiple regions (i.e. I-80, I-95, I-90, I-287, etc).
Post-Sandy – The Need for Fuel Diversification

• Limited gasoline and diesel supplies & availability
  – Some reported no power to run station
  – Some had no fuel due to disruptions to supply chain

• Gasoline rationing instituted, 21% of stations still had no fuel 11 days after the storm

• Recovery efforts showed value of fuel diversity
  – AFVs provided critical services when conventional fuel supplies were interrupted
  – Alternative fuel supplies remained available post-storm

• Clean Cities Coalitions – Connecting the Dots
  – Informed about local alternative fuel landscape
  – Connected to key stakeholders
  – Should be integrated into contingency and energy assurance planning.