Alternative Fuels and Disaster Contingency Planning

May 1, 2013

NJ Alternative Transportation Fuel Workshop

Adapted from a DOE HQ presentation to NASEO
Hurricane Sandy Strikes the Northeast

- October 2012 – Category 2 hurricane
- Made U.S. landfall near Atlantic City, NJ
- Storm surge floods portions of New York City
- Widespread power outages
- Petroleum refinery closures
Post-Sandy, Transportation Fuels in Short Supply

- Gasoline and diesel supplies limited after Sandy
  - Some reported no power to run station
  - Some had no fuel to sell
- Gasoline rationing instituted
- 21% of stations still had no fuel 11 days after hurricane

Data from DOE Energy Information Administration
Alternative fuel vehicles keep rolling...

- Hurricane Sandy recovery efforts showed value of alternative fuel vehicles/advanced technology vehicles as an asset in assisting with preparation and recovery efforts
  - Provided critical services when conventional fuel supplies were interrupted
  - Alternative fuel supplies often remained available post-storm
  - Point to need for FUEL DIVERSIFICATION
- Important to include these resources in planning and contingency efforts
- Clean Cities Coalitions
  - Informed about the local alternative fuel landscape
  - Connected to key stakeholders
For More Information

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Clean Cities Website: www.cleancities.energy.gov
Alternative Fuels and Advanced Vehicles Data Center: www.afdc.energy.gov
Fuel Economy: www.fueleconomy.gov