Note: Inclusion in this document does not confer product validation or endorsement. In addition, this document may not include all available alternative fuel options and suppliers. If you would like to be included in this list of technology providers contact cleantransportation@ncsu.edu.

This fact sheet contains information about: Click on following categories to jump to specific section
- Biodiesel
- Electric Vehicles
- Hybrid Electric Vehicles (Light Duty)
- Plug-In Hybrid Vehicles (Light Duty)
- Electric Low-Speed Vehicles
- Ethanol
- Natural Gas and Propane (CNG/LPG)
- Heavy Duty Vehicles
- Diesel Retrofit Technologies
- Idle Reduction Technologies
- Motor Oils
- Conservation

**Biodiesel**

Biodiesel is a clean burning alternative fuel, produced from renewable resources. Pure biodiesel (B100) can be blended at any level with petroleum diesel to create a biodiesel blend. B20 (20 percent biodiesel and 80 percent petroleum diesel) and higher blends are widely available in North Carolina through a State Purchasing Contract (http://www.doa.state.nc.us/PandC/dynfuels/fuelcost.asp) in all 100 NC Counties and a network of local producers and distributors. Biodiesel fact sheet and NC biofuel retail & distributors: www.cleantransportation.org under Fact Sheets National Biodiesel Board: www.biodiesel.org

Most diesel vehicles are currently operating on up to a 5 percent biodiesel blend (B5). Over the last several years, manufacturers have been designing for increased compatibility with higher percentage blends of biodiesel, with more expected in the near future. A listing of B20-compatible diesel-engine vehicles for the current model year(s) is found below.

**2013/2014 B20-compatible Diesel Vehicles**

<table>
<thead>
<tr>
<th>Chevrolet Cruze Clean Turbo Diesel</th>
<th>Ford F-250/F-350 Super Duty</th>
<th>GMC Savanna 2500/3500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chevrolet Cab Chassis 3500</td>
<td>Ford Transit</td>
<td>GMC Sierra HD 2500/3500</td>
</tr>
<tr>
<td>Chevrolet Express 2500/3500</td>
<td>GMC Cab Chassis 3500</td>
<td>Jeep Grand Cherokee EcoDiesel*</td>
</tr>
<tr>
<td>Chevrolet Silverado HD 2500/3500</td>
<td></td>
<td>Ram 2500/3500</td>
</tr>
</tbody>
</table>

*shorter maintenance intervals recommended

**Electric Vehicles**

A full-size all-electric vehicle (EV) is powered entirely by electricity, can be operated on all roads, and can be charged in a wall outlet with either 110 or 220 volts (some can also be charged via higher-voltage DC fast charging).
### 2013/2014 EVs (Cars & Light-Duty Trucks/SUVs)

<table>
<thead>
<tr>
<th>Chevrolet Spark EV</th>
<th>Ford Focus Electric</th>
<th>Nissan LEAF</th>
<th>Smart Fortwo Electric Drive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiat 500e</td>
<td>Honda Fit EV</td>
<td>Tesla Model S</td>
<td>Toyota RAV4 EV</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Via Motors VTRUX</td>
</tr>
</tbody>
</table>

Note: some models are currently only available in certain markets. Check manufacturer websites for dates of availability in North Carolina.

**List of EVs available or planned for release:** [http://www.pluginamerica.org/vehicles](http://www.pluginamerica.org/vehicles)

**General info:** Electric Drive Transportation Association ([www.electricdrive.org](http://www.electricdrive.org), [goelectricdrive.com](http://goelectricdrive.com)), hybridCARS ([www.hybridcars.com](http://www.hybridcars.com)), truck stop electrification locator ([www.afdc.energy.gov/tse_locator](http://www.afdc.energy.gov/tse_locator))

**Electric Vehicle Supply Equipment:** EVSE refers to the charging stations needed to ‘refuel’ electric vehicles. There are a variety of EVSEs and several manufacturers for them in North Carolina. (Residential charging: [http://www.youtube.com/watch?v=x4YezUX8lo](http://www.youtube.com/watch?v=x4YezUX8lo), or public charging: [http://www.youtube.com/watch?v=jvPLvsg9y2o](http://www.youtube.com/watch?v=jvPLvsg9y2o))

### EVSE Companies

<table>
<thead>
<tr>
<th><strong>ABM Electrical Power Solutions</strong></th>
<th><strong>Hubbell Wiring Device (PEP Stations)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>ChargePoint stations (state contract provider)</td>
<td><a href="http://www.hubbell-wiring.com">www.hubbell-wiring.com</a></td>
</tr>
<tr>
<td><a href="http://www.abm.com">www.abm.com</a></td>
<td>Thomas O’Regan 877-425-1600 x75020</td>
</tr>
<tr>
<td>Joe Walsh, Director of Local Government Services</td>
<td><a href="mailto:toreogan@hubbell.com">toreogan@hubbell.com</a></td>
</tr>
<tr>
<td>919-877-1008 <a href="mailto:joe.walsh@abm.com">joe.walsh@abm.com</a></td>
<td></td>
</tr>
<tr>
<td><strong>AeroVironment</strong></td>
<td><strong>Leviton</strong></td>
</tr>
<tr>
<td><a href="http://www.avinc.com">www.avinc.com</a></td>
<td></td>
</tr>
<tr>
<td>Richard Gershman, East Coast Sales</td>
<td></td>
</tr>
<tr>
<td>856-693-7822 <a href="mailto:gershman@avinc.com">gershman@avinc.com</a></td>
<td>Stewart Gale, Sales Representative</td>
</tr>
<tr>
<td>Frank Wong, Dir of EV Commercial Market</td>
<td>cell 919-961-7871 <a href="mailto:sgale@leviton.com">sgale@leviton.com</a></td>
</tr>
<tr>
<td>626-357-9983 x 244 <a href="mailto:wong@avinc.com">wong@avinc.com</a></td>
<td>EnergyUnited EMC (state contract provider)</td>
</tr>
<tr>
<td></td>
<td>Michael Russell, Director of C&amp;I Sales 800-822-0197</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:michael.russell@energyunited.com">michael.russell@energyunited.com</a></td>
</tr>
<tr>
<td><strong>ClipperCreek Inc.</strong></td>
<td><strong>PRAXIS Technologies Inc., Coulomb Technologies</strong></td>
</tr>
<tr>
<td><a href="http://www.clippercreek.com">www.clippercreek.com</a></td>
<td>ChargePoint stations</td>
</tr>
<tr>
<td>Don Francis, Southeast Sales Representative</td>
<td><a href="http://praxisearth.com/category/transportation/">http://praxisearth.com/category/transportation/</a></td>
</tr>
<tr>
<td>404-906-0656 <a href="mailto:don@clippercreek.net">don@clippercreek.net</a></td>
<td>Albert &quot;Skip&quot; Kurz – LEED AP™, CEO</td>
</tr>
<tr>
<td></td>
<td>919-518-1727 cell 919-395-0243</td>
</tr>
<tr>
<td></td>
<td><a href="mailto:akurz@praxisearth.com">akurz@praxisearth.com</a></td>
</tr>
<tr>
<td><strong>Eaton Corporation</strong></td>
<td><strong>Schneider Electric</strong></td>
</tr>
<tr>
<td><a href="http://www.eaton.com">www.eaton.com</a></td>
<td></td>
</tr>
<tr>
<td>Tracee Humes, Product Manager</td>
<td><a href="http://products.schneider-electric.us/products-services/products/electric-vehicle-charging-stations/">http://products.schneider-electric.us/products-services/products/electric-vehicle-charging-stations/</a></td>
</tr>
<tr>
<td>Arden, NC 828-687-3489 cell 828-279-7152</td>
<td>Ben DeGiulio, Sales Engineer 919-334-7376</td>
</tr>
<tr>
<td><a href="mailto:TraceeEHumes@eaton.com">TraceeEHumes@eaton.com</a></td>
<td><a href="mailto:ben.degiulio@schneider-electric.com">ben.degiulio@schneider-electric.com</a></td>
</tr>
<tr>
<td>ALT Services Group (state contract provider)</td>
<td></td>
</tr>
<tr>
<td>Brent Gilbert 252-430-0326 <a href="mailto:brent@altnc.com">brent@altnc.com</a></td>
<td></td>
</tr>
<tr>
<td><strong>Evatran Plugless Power</strong></td>
<td><strong>Shorepower Technologies</strong></td>
</tr>
<tr>
<td><a href="http://www.pluglesspower.com">www.pluglesspower.com</a></td>
<td></td>
</tr>
<tr>
<td>Ken Morrison 919-377-0684 <a href="mailto:kmorrison@evatran.com">kmorrison@evatran.com</a></td>
<td>Allen Bates, VP Marketing 503-892-7345</td>
</tr>
<tr>
<td><strong>General Electric Energy</strong></td>
<td><a href="mailto:abates@shorepower.com">abates@shorepower.com</a></td>
</tr>
<tr>
<td>Joshua Caillavet, Regional Sales Leader</td>
<td></td>
</tr>
<tr>
<td>504-810-6207 <a href="mailto:joshua.caillavet@ge.com">joshua.caillavet@ge.com</a></td>
<td></td>
</tr>
</tbody>
</table>

**Charging Station Installation Handbook:** Ideal for Electrical Contractors and Inspectors

**Companies manufacturing and/or installing EVSEs:** [http://www.advancedenergy.org/transportation/evse/](http://www.advancedenergy.org/transportation/evse/)

**EVSEs on State Contract:** [http://www.pandc.nc.gov/691A.pdf](http://www.pandc.nc.gov/691A.pdf)
Hybrid-electric vehicles (HEVs) combine the benefits of gasoline or diesel engines and electric motors that are configured to obtain different objectives, such as improved fuel economy, increased power, or additional auxiliary power for electronic devices and power tools.

### 2013/2014 HEVs (Cars & Light-Duty Trucks / SUVs)

<table>
<thead>
<tr>
<th>HEVs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acura ILX Hybrid</td>
</tr>
<tr>
<td>Audi Q5 Hybrid</td>
</tr>
<tr>
<td>BMW ActiveHybrid 3</td>
</tr>
<tr>
<td>BMW ActiveHybrid 5</td>
</tr>
<tr>
<td>BMW ActiveHybrid 7</td>
</tr>
<tr>
<td>Buick LaCrosse (w/eAssist)</td>
</tr>
<tr>
<td>Buick Regal (w/eAssist)</td>
</tr>
<tr>
<td>Cadillac Escalade Hybrid</td>
</tr>
<tr>
<td>Chevrolet Malibu Eco</td>
</tr>
<tr>
<td>Chevrolet Silverado Hybrid</td>
</tr>
<tr>
<td>Chevrolet Tahoe Hybrid</td>
</tr>
<tr>
<td>Ford C-MAX Hybrid</td>
</tr>
<tr>
<td>Ford Fusion Hybrid</td>
</tr>
<tr>
<td>GMC Sierra 1500 Hybrid</td>
</tr>
<tr>
<td>GMC Yukon Hybrid</td>
</tr>
<tr>
<td>Honda Civic Hybrid</td>
</tr>
<tr>
<td>Honda Civic CR-Z</td>
</tr>
<tr>
<td>Honda Insight</td>
</tr>
<tr>
<td>Hyundai Sonata Hybrid</td>
</tr>
<tr>
<td>Infiniti M Hybrid</td>
</tr>
<tr>
<td>Kia Optima Hybrid</td>
</tr>
<tr>
<td>Lexus CT 200h</td>
</tr>
<tr>
<td>Lexus ES 300h</td>
</tr>
<tr>
<td>Lexus GS 450h</td>
</tr>
<tr>
<td>Lexus LS 600h L</td>
</tr>
<tr>
<td>Lexus RX 450h</td>
</tr>
<tr>
<td>Lincoln MKZ Hybrid</td>
</tr>
<tr>
<td>Mercedes-Benz E400 HYBRID</td>
</tr>
<tr>
<td>Mercedes-Benz S400 HYBRID</td>
</tr>
<tr>
<td>Nissan Pathfinder Hybrid</td>
</tr>
<tr>
<td>Porsche Cayenne S Hybrid</td>
</tr>
<tr>
<td>Porsche Panamera S E-Hybrid</td>
</tr>
<tr>
<td>Subaru XV Crosstrek Hybrid</td>
</tr>
<tr>
<td>Think City Smart ED</td>
</tr>
<tr>
<td>Toyota Avalon Hybrid</td>
</tr>
<tr>
<td>Toyota Camry Hybrid</td>
</tr>
<tr>
<td>Toyota Highlander Hybrid</td>
</tr>
<tr>
<td>Toyota Prius</td>
</tr>
<tr>
<td>Toyota Prius c</td>
</tr>
<tr>
<td>Toyota Prius v</td>
</tr>
<tr>
<td>Volkswagen Jetta Hybrid</td>
</tr>
<tr>
<td>Volkswagen Touareg Hybrid</td>
</tr>
</tbody>
</table>

Note: vehicles that include “stop-start” (idle stop) or regenerative braking technology only, without any electric assist, are not included in the above list.

### PLUG-IN HYBRID VEHICLES (LIGHT DUTY)

Plug-in hybrid-electric vehicles (PHEVs) go a step beyond HEVs by incorporating a larger battery capacity and allowing the vehicle to be recharged via electricity. These vehicles operate like an EV until the battery is depleted, at which point they revert to HEV operation and run on gasoline or diesel.

### 2013/2014 PHEVs

<table>
<thead>
<tr>
<th>PHEVs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cadillac ELR</td>
</tr>
<tr>
<td>Chevrolet Volt</td>
</tr>
<tr>
<td>Ford C-MAX Energi</td>
</tr>
<tr>
<td>Ford Fusion Energi</td>
</tr>
<tr>
<td>Honda Accord Plug-In</td>
</tr>
<tr>
<td>Toyota Prius Plug-in Hybrid</td>
</tr>
</tbody>
</table>

Specialized recharging equipment, although normally not required, is recommended for fastest possible recharge. See the Electric Vehicles section above for information on recharging equipment, as well as the vehicle manufacturer websites.

### ELECTRIC LOW-SPEED VEHICLES

A Neighborhood Electric Vehicle (NEV) is a Low-Speed Vehicle (LSV) with top speeds of 20 to 25 miles per hour that complies with certain U.S. National Highway Traffic Safety Administration (NHTSA) standards. North Carolina allows NEVs to be operated on streets and highways where the posted speed limit is 35 mph or less. Low speed vehicles (LSV) that are not NEVs may take the place of conventional vehicles in certain settings. These vehicles are not plated and are permitted on public streets. These vehicles help reduce petroleum consumption and emissions by operating on biodiesel, electricity, propane and/or compressed natural gas.

On state contract: A number of low speed utility vehicles with a diesel engine option and NEVs are available on the state contract (Term contract 070N at [http://www.doa.state.nc.us/PandC/070n.pdf](http://www.doa.state.nc.us/PandC/070n.pdf)). Contact: Ilderton Dodge Chrysler Jeep, Mike Collins (336) 822-8708 mcollins@ilderton.com. Contact: Carolina Industrial Equipment, Mark Ahlstrom, (800) 476-2434, mark@ciequipment.com.
NEV & LSV Manufacturers:

Columbia Par Car Company  www.parcar.com
Cushman  www.cushman.com
Dynasty Electric Car  www.itiselectric.com
E-Ride Industries  www.e-ride.com
E-Z-GO  www.ezgo.com/2five/
GEM  www.polaris.com/gem

STAR EV  www.starev.com
Vantage  www.vantagevehicle.com
Westward Industries  www.westwardindustries.com
Zenn Motor Company  www.zenncars.com
BIGMAN  www.bigmanev.com (LSV only)
Tiger Truck  www.tigertruck.com (LSV only)

NEV & LSV Distributors:

Carolina Industrial Equipment, Inc.
Cushman, E-Ride, Columbia, Vantage, Star
Mark Ahlstrom, 800-476-2434
www.ciequipment.com

Mountaintop Golf Cars, Inc.
Cushman, E-Z-GO
John C. (Jack) Triolo, President, 828-963-6775
www.golfcarcatalog.com

GEM  6 NC distributors:

Segway  2 NC distributors:
www.segway.com/locator

NHTSA safety standards for NEVs and LSVs:  www.nhtsa.dot.gov/cars/rules/rulings/lsv/lsv.html

ETHANOL

Ethanol is a renewable fuel that enhances the nation's economy and energy independence. There are two ethanol blends used in NC:  **E10 and E85**, which are available to local government, school systems and state government fleets through a state purchasing contract in all NC counties (http://www.doa.state.nc.us/PandC/dynfuels/fuelcost.asp).

**2013/2014 Flex Fuel Vehicles (FFV)**

**Cars**

<table>
<thead>
<tr>
<th>Audi A4 quattro*</th>
<th>Chrysler 300*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audi A5 quattro*</td>
<td>Dodge Avenger*</td>
</tr>
<tr>
<td>Audi A5 Cabriolet quattro*</td>
<td>Dodge Charger*</td>
</tr>
<tr>
<td>Audi allroad quattro*</td>
<td>Dodge Dart*</td>
</tr>
<tr>
<td>Bentley Continental*</td>
<td>Ford Focus FFV</td>
</tr>
<tr>
<td>Buick LaCrosse*</td>
<td>Ford Taurus FFV</td>
</tr>
<tr>
<td>Buick Regal*</td>
<td>Jaguar XF FFV</td>
</tr>
<tr>
<td>Buick Verano*</td>
<td>Jaguar XJ FFV</td>
</tr>
<tr>
<td>Cadillac ATS*</td>
<td>Mercedes-Benz C300 4matic*</td>
</tr>
<tr>
<td>Chevrolet Caprice PPV Patrol/Detective*</td>
<td>Mercedes-Benz C350*</td>
</tr>
<tr>
<td>Chevrolet Impala/Impala Police*</td>
<td>Mercedes-Benz E350*</td>
</tr>
<tr>
<td>Chrysler 200*</td>
<td></td>
</tr>
</tbody>
</table>

**SUVs and Crossovers**

<table>
<thead>
<tr>
<th>Audi Q5*</th>
<th>Ford Police Interceptor Sedan*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cadillac Escalade/ESV</td>
<td>Ford Police Interceptor Utility</td>
</tr>
<tr>
<td>Cadillac SRX</td>
<td>GMC Terrain*</td>
</tr>
<tr>
<td>Chevrolet Captiva</td>
<td>GMC Yukon/Yukon XL*</td>
</tr>
<tr>
<td>Chevrolet Equinox*</td>
<td>GMC Yukon Denali</td>
</tr>
<tr>
<td>Chevrolet Suburban*</td>
<td>Jeep Grand Cherokee*</td>
</tr>
</tbody>
</table>
Chevrolet Tahoe/ Police/ SSV*  
Dodge Durango/ Police/ SSV*  
Dodge Journey  
Ford Expedition  
Ford Explorer FFV  

Lincoln Navigator  
Mercedes-Benz ML350*  
Nissan Armada*  
Toyota Sequoia*  

**Pickups, Vans and Cutaways**

<table>
<thead>
<tr>
<th>Cadillac Escalade Ext</th>
<th>Ford Super Duty F-250/F-350</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chevrolet Avalanche*</td>
<td>GMC Sierra*</td>
</tr>
<tr>
<td>Chevrolet Silverado*</td>
<td>GMC Savana 1500/2500</td>
</tr>
<tr>
<td>Chevrolet Express</td>
<td>Nissan Titan*</td>
</tr>
<tr>
<td>Chrysler Town &amp; Country</td>
<td>Ram 1500*</td>
</tr>
<tr>
<td>Dodge Grand Caravan</td>
<td>Ram C/V</td>
</tr>
<tr>
<td>Ford E-150/E-250/E-350 FFV</td>
<td>Toyota Tundra*</td>
</tr>
<tr>
<td>Ford F-150 FFV</td>
<td>Volkswagen Routan</td>
</tr>
</tbody>
</table>

*FFV capability only with certain engines/transmissions, or available as an option. Inquire when purchasing or see owner's manual.

**NC ethanol fact sheet and NC biofuel retail & distributors:** [www.cleantransportation.org](http://www.cleantransportation.org) (under Resources -> Fact Sheets & Publications)  
**American Coalition for Ethanol:** [www.ethanol.org](http://www.ethanol.org)  
**Growth Energy:** [www.growthenergy.org](http://www.growthenergy.org)  
**E85 Vehicles:** [e85vehicles.com/](http://e85vehicles.com/)  

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**NATURAL GAS (CNG) & PROPANE (LPG)**

Compressed Natural Gas (CNG) and Liquefied Propane Gas (LPG) are considered low carbon fuels and are the cleanest fossil fuels. In addition to original equipment manufacturer models, many vehicles can be up-fitted by companies to operate on CNG or LPG as dedicated or bi-fuel vehicles. Conversions are purchased through local dealers and carry the same OEM warranties.

**Honda Civic Natural Gas (Dedicated CNG) NC Dealers:**
Search for Honda Civic Natural Gas dealer near you: [http://automobiles.honda.com/tools/dealer-locator/?type=gxc](http://automobiles.honda.com/tools/dealer-locator/?type=gxc)

**Ford CNG/LPG (Bi-fuel & Dedicated):**
Many of Ford’s vehicles are available with the factory CNG/LPG gaseous engine prep package and can be converted to dedicated or bi-fuel vehicles through certified up fitters. Qualified dealers (such as Capital Ford in Raleigh: Ron Wilson 919-713-5066) can work closely with customers for vehicle purchase and to arrange certified up fits on new and used vehicles.  
Search for local Ford dealer near you: [http://www.ford.com/dealerships](http://www.ford.com/dealerships)  
State contract: [http://www.doa.state.nc.us/PandC/070a.pdf](http://www.doa.state.nc.us/PandC/070a.pdf)

**F-Series & E-Series Roush Propane Vehicles NC Dealers:**
There are several Roush CleanTech dealers in NC. They are located in Raleigh, Garner, Kannapolis, Shelby, and Midland. See: [http://www.roushcleantech.com/](http://www.roushcleantech.com/).
RAM 2500 CNG (Bi-Fuel):
Ram is offering direct from the dealer a CNG 2500 Ram HD pickup. The 5.7L HEMI powered HD pickup is available through 13 dealers in 19 states. SE dealers are Georgia: Carl Gregory Chrysler Executive Dodge; Kentucky: Sam Swope Auto Group; Georgia: Carl Gregory Chrysler; Kentucky: Sam Swope Auto Group; Louisiana: Southland Dodge Chrysler Jeep; South Carolina: Butler Chrysler

GMC & CHEVROLET CNG/LPG (DEDICATED & BI-FUEL):
GM Fleet has several vehicle models that have CNG- or LPG-powered versions. And they’re the industry’s only CNG/LPG vehicles that are fully integrated at the factory, crash tested, and backed by GM’s 100,000 mile/5-year transferable Powertrain Limited Warranty. Available CNG vehicles: 2013 Chevrolet Silverado (bi-fuel), 2013 GMC Sierra 2500 HD (bi-fuel), 2013 Chevrolet Express 2500, 2013 GMC Savana 2500, 2013 Chevrolet Express 3500, 2013 GMC Savana 3500. Available LPG vehicles: 2013 Chevrolet Express 4500 and 2013 GMC Savana 4500. For additional information see: http://www.gmfleet.com/specialty-vehicles/fuel-efficiency.html

CNG AND LPG CERTIFIED CONVERSIONS & REPOWERS

Alliance Autogas
LPG conversions
www.allianceautogas.com
Brandon Cox 336-963-3939
bcox@allianceautogas.com
Ford Platform
2013 Ford E150-250-350 FFV Van & Wagon—4.6L & 5.4L
2013 Ford E250-350 Cutaway—4.6L & 5.4L
2013 Ford Expedition FFV 2WD & 4WD—5.4L
2013 Lincoln Navigator FFV 2Wd & 4WD—5.4L
GM Platform
2012 GM 4500 Cutaway Chassis—4.8L & 6.0L
Others
2012 Freightliner 8L S2 Chassis
2012 School Buses Collins, Blue Bird & Thomas Built
Contact company for additional platforms & earlier/later model years.

Altech-Eco Corp. (TransEco Energy)
CNG conversions
www.altecheco.com
Asheville, NC
Larry Abbott, Sales Associate 828-654-8300 x104
larry@altecheco.com
2011 Ford Transit Connect
2011 F250/350 6.2L
2012 Ford Transit Connect
2012 F250/350 6.2L
2013 Transit Connect 2.0L
2014 Transit Connect 2.5L
2013-2014 F-250/350 6.2L
2014 Ford Transit 3.7L
2014 F-150 3.7L
Contact company for additional platforms & model years. (bi-fuel and dedicated option available for all models)

BAF Technologies
CNG & LNG conversions
www.BAFtechnologies.com
Bill Calvert 214-231-1450 ext. 458
bcalvert@baftechnologies.com
Transit Connect 2.0L (*bi-fuel option available)
2013 E250-350 5.4L* (*bi-fuel option available)
2013 F250-350 6.2L* (*bi-fuel option available)
2013 F450-550-650 6.2L and 6.8L
2013 E450 5.4,6.2 and 6.8L
Contact company for additional platforms & model years.

Emission Solutions Inc. (ESI)
CNG conversions
www.emissionsolutionsinc.com
Jim Moore 972-369-0092
jmmoore@emissionsolutionsinc.com
Engine conversion to CNG for delivery, bus, refuse vehicles.
CNG repowers for 7.6L International DT466E and Maxx
Force DT engine with ESI 7.6L Phoenix NG or ESI 7.3L Phoenix NG—175-300hp. New Navistar OEM certified ESI 7.6L Phoenix engine.

IMPCO
CNG & LPG conversions—dedicated & bi-fuel
www.impcoautomotive.com
Dedicated CNG Ford Platform
2012 Transit Connect 2.0L
2012 Escape 2.5L
2013 F250-350 6.2L
2012 E450 6.8L
2012 F450-550-650-750 6.8L
Dedicated CNG GM Platform
2012 Cutaway 6.0L
2014 Silverado HD/Sierra HD 6.0L
Dedicated Isuzu Platform
201 NPR >14,000 lb. GVW 6.0L
Bi-Fuel Ford Platform
2012 F150 5.0L CNG & LPG
2012 F250-350 6.2L CNG & LPG
Bi-Fuel GM Platform
2013 Silverado/Sierra/Tahoe 5.3L CNG & LPG
2013 Silverado HD/Sierra HD 6.0L CNG & LPG
2012 Van 6.0L CNG
Certified installers:
Local certified installers: Baker Equipment Co., Youngsville, NC 919-569-0081 and Burns Chevrolet GMC, Rock Hill, SC 866-925-0994
Contact company for additional platforms & model years.
Baker Equipment Co.
CNG, LNG & LPG conversions
www.bakerequipment.com
Raleigh NC, Durham NC, Richmond VA
Skip Baker 919-569-0081 or toll free 866-912-0081
sbaker@bakerequipment.com
Certified installer for IMPCO, Baytech/Landi Renzo USA, American Power Group Inc.

CleanFUEL USA
LPG conversions
www.cleanfuelusa.com
Ed Brand 512-864-0300 ed.brand@cleanfuelusa.com
sales@cleanfuelusa.com
2010-2012 G4500 Cutaway Van Chassis
2010-2012 Thomas Built Minotour (G4500, 159’ cab to axle only)
2013 Collins NexBus
2013 Freightliner 8.0L S2 Chassis
2013 GM 6.0L G4500 Cutaway Van Chassis
2013 Thomas Built Minotour & Saf-T-Liner C2 Buses
2014 Freightliner 6.0L MT 45/55
CNG Chevy Bi-fuel Platform
2011-2013 Silverado/Sierra/Tahoe, 5.3L, 6.0L
2012 Silverado/Sierra & Express/Savana, 4.8L, 6.0L
2012-2013 Silverado HD/Sierra HD, 6.0L
2013 Cruze, 1.4L
LPG Chevy Bi-fuel Platform
2011-2012 Silverado/Sierra/Tahoe, 5.3L
2011-2013 Silverado HD/Sierra HD, 6.0L
Contact company for additional platforms & model years.

Cummins Westport
CNG, LNG medium duty & heavy duty engines
www.cumminswestport.com
Bill Boyce 330-534-8352
8.9L “ISL-G” – 250-320 HP
11.9L “ISX 12” – 320-400 HP
NC Distributor: Cummins Atlantic
Greg Campbell 864-208-2657
OEMs w/ Cummins Westport Engine Option:
www.cumminswestport.com/find-a-natural-gas-truck-or-bus
Body Builders List:
www.cumminswestport.com/links/truck-body-builders

Trans Tech Energy, Inc.
LPG conversions
www.TransTechEnergy.com
Greg Ezzell, Sales and Marketing
252-557-0727
Rocky Mount, NC 27804
Toll Free: 888-206-4563
GM Platform
2012-2013 Chevrolet: C/K1500 AVALANCHE, G/H1500
EXPRESS CARGO / PASS / CONV, C/K15 SILVERADO / XFE, C/K1500 SUBURBAN, C/K1500 TAHOE — 4.8L & 5.3L
2012-2013 GMC: G/H1500 SAVANA CARGO / PASS / CONV, C/K15 SILVERADO / XFE, C1500 YUKON / XL / XFE, K1500 YUKON — 4.8L & 5.3L
Ford Platform
2012-2013 E150/250/350 Van/Cutaway/Wagon FFV, Expedition FFV 2WD/4WD — 4.6L & 5.4L
2012-2013 F150 2WD/4WD FFV — 3.7L
2012-2013 Lincoln Navigator FFV 2WD/4WD — 4.6L & 5.4L
2012 6.8L 2-valve HD Engine in applications > 14k GVWR
Contact company for additional platforms & model years.

Landi Renzo USA / Baytech
CNG & LPG conversions
www.landiusa.com
General Contact: 310-257-9481, Fax: 310-257-9487
info@landiusa.com
Ford Platform CNG
2012 E150 Van & Wagon 5.4L
2012 E250 Van 5.4L
2012 E350 Van, Wagon & Cutaway 5.4L
2012 F250-350 2WD/4WD PU, Incomp. & Bed Del. 6.2L
2012 F450-550-650-59 6.8L
GM Platform CNG
2012 GMC Sierra/Chev. Silverado 2500HD/3500HD 6.0L
2012 GMC Savana/Chev. Express Pass., Cargo & Cut 6.0L
2012 GMC/Chev. W3500 & Isuzu NPR 6.0L
2012 W42 Workhorse Chassis 6.0L (> 14,000 lb. GVW)
2012 GMC/Chev. C6500/C7500/C8500 Truck 8.1L
2012 GMC/ Chev. C4500/C5500 Truck & Shuttle 8.1L
2012 W62 Workhorse Chassis 8.1L
2012 GMC Savana/Chev. Express 4500 Cutaway 6.0L
2012 W4500 GMC/Chev. & Isuzu NPR 6.0L
2012 W42 Workhorse Chassis 6.0L (> 14,000 lb. GVW)
GM Platform LPG
2012 GMC/ Chev. C4500/C5500 Truck & Shuttle 8.1L
2012 W62 Workhorse Chassis 8.1L
2012 GMC Savana/Chev. Express 4500 Cutaway 6.0L
2012 W4500 GMC/Chev. & Isuzu NPR 6.0L
2012 W42 Workhorse Chassis 6.0L (< 14,000 lb. GVW)
Contact company for additional platforms & model years.
All models/engines available CARB and EPA certified.

ROUSH CleanTech
LPG conversions
www.rouschcleantech.com
Steve Whaley 864-923-5000
Steve.whaley@roush.com
Ford Platform
2012-2014 F250-350 Pickup 6.2L
2012-2014 F-450/550 6.8L
2012-2014 F-650 6.8L
2012-2014 F-53/F-59 6.8L
2012-2014 E-450 Stripped Chassis 6.8L
2012-2014 E150-250-350 Van & Wagon 5.4L
2009-2012 E350 Cutaway SRW & E350 Cutaway DRW 5.4L
2012-2014 E450 Cutaway DRW 6.8L
School Bus
2012-2014 Blue Bird Vision
2012-2014 Micro Bird Type A Bus
Local dealers & installers: click on “DEALER LOCATOR” at www.rouschcleantech.com
Contact company for additional platforms & model years.
For a list of natural gas conversions, refer to Clean Vehicle Education Foundation:
http://www.ngvamerica.org/pdfs/Available_Vehicles_and_Engines.pdf
For list of medium and heavy duty truck distributors in NC, refer to TruckPaper.com:

### CNG / LPG Station Installer/Refueling Equipment

<table>
<thead>
<tr>
<th>Company</th>
<th>Services</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advance Fuel Systems Corp. (AFSC)</td>
<td>CNG refueling stations &amp; equipment</td>
<td>David Chacon 866-725-0801 <a href="mailto:david_chacon@advancefuelsystems.com">david_chacon@advancefuelsystems.com</a></td>
</tr>
<tr>
<td>Air Components and Systems (CNG Refueling Systems)</td>
<td>CNG refueling stations &amp; equipment</td>
<td>Michael Dehnert <a href="mailto:michaeldehnert@air-components.com">michaeldehnert@air-components.com</a> Keith Driscoll <a href="mailto:keith@air-components.com">keith@air-components.com</a></td>
</tr>
<tr>
<td>Air &amp; Gas Technologies</td>
<td>CNG refueling equipment</td>
<td><a href="mailto:info@airgastech.com">info@airgastech.com</a></td>
</tr>
<tr>
<td>Agility Fuel Systems</td>
<td>CNG, LNG refueling stations &amp; equipment</td>
<td><a href="mailto:sales@agilityfs.com">sales@agilityfs.com</a></td>
</tr>
<tr>
<td>Alliance Auto Gas</td>
<td>LPG refueling stations &amp; equipment</td>
<td><a href="mailto:bcox@allianceautogas.com">bcox@allianceautogas.com</a></td>
</tr>
<tr>
<td>Allied Equipment</td>
<td>CNG refueling equipment</td>
<td>Jayson Feltner 432-367-6000 <a href="mailto:jfeltner@cableone.net">jfeltner@cableone.net</a></td>
</tr>
<tr>
<td>Amerigas</td>
<td>LPG refueling</td>
<td>Milo Arnold 252-362-9599 <a href="mailto:milo.arnold@amerigas.com">milo.arnold@amerigas.com</a></td>
</tr>
<tr>
<td>Bauer Compressors, Inc.</td>
<td>CNG refueling station equipment &amp; consulting services</td>
<td>Merv Bohrer 757-855-6006 <a href="mailto:sls@bauercomp.com">sls@bauercomp.com</a></td>
</tr>
<tr>
<td>Clean Energy</td>
<td>CNG &amp; LNG refueling stations &amp; equipment</td>
<td>Mark Riley 603-318-6817 <a href="mailto:mrliley@cleanenergyfuels.com">mrliley@cleanenergyfuels.com</a></td>
</tr>
<tr>
<td>NGVI, Natural Gas Vehicle institute</td>
<td>CNG refueling station consulting services—site selection, sizing, bid evaluation, construction management</td>
<td>800-510-6484 <a href="mailto:info@ngvi.com">info@ngvi.com</a></td>
</tr>
<tr>
<td>Jones and Frank</td>
<td>CNG/LPG installations</td>
<td>Steve Bernstein 704-393-8542 ext 3913 <a href="mailto:SBernstein@jones-frank.com">SBernstein@jones-frank.com</a></td>
</tr>
<tr>
<td>Piedmont Natural Gas</td>
<td>CNG refueling stations</td>
<td>Joe O'Neil 919-235-6006 Greg Johnson 704-731-4392 <a href="mailto:ngvinfo@piedmontng.com">ngvinfo@piedmontng.com</a></td>
</tr>
<tr>
<td>Phoenix Energy Corporation</td>
<td>CNG refueling stations, equipment, &amp; consulting services (also a small volume manufacturer of EPA certified CNG systems and a qualified service retrofitter for all small volume manufacturers)</td>
<td>John Hyde 205-453-0421 or 205-337-5802 <a href="mailto:johnhyde@phoenixenergycorp.net">johnhyde@phoenixenergycorp.net</a></td>
</tr>
<tr>
<td>PSNC Energy</td>
<td>CNG refueling stations (including residential: BRC FuelMaker)</td>
<td>Jerry O'Keeffe 919-598-7444 <a href="mailto:jokeeffe@scana.com">jokeeffe@scana.com</a> Lee McElrath 828-670-3525 <a href="mailto:wmcelrath@scana.com">wmcelrath@scana.com</a></td>
</tr>
<tr>
<td>TBD America</td>
<td>CNG refueling stations planning, design, construction</td>
<td>817-465-2228 or 817-366-4537 <a href="mailto:info@tbdmericainc.com">info@tbdmericainc.com</a></td>
</tr>
<tr>
<td>TrilliumCNG</td>
<td>CNG refueling stations</td>
<td>800-920-1166</td>
</tr>
<tr>
<td>Wise Gas</td>
<td>CNG refueling stations &amp; equipment</td>
<td>954-636-4291 <a href="mailto:info@wisegasinc.com">info@wisegasinc.com</a></td>
</tr>
</tbody>
</table>
CleanFUEL USA
LPG refueling stations & equipment
www.cleanfuelusa.com
Mike Merwarth 512-864-0300
michael.merwarth@cleanfuelusa.com
Brian Grimm 913-620-5118

Zeit Energy
CNG refueling stations & consulting services
www.zeitenergy.com
214-789-8945
info@zeitenergy.com

List of CNG businesses and services: www.ngvc.org/buz_dir/index.html
More about CNG vehicles: www.atdc.energy.gov/fuels/natural_gas.html
Propane vehicles and equipment: www.autogasusa.org/propane-vehicles-and-equipment/
Information about NC CNG filling stations: www.daq.state.nc.us/motor/cng/

CNG Appliances/Filling Units

BRC FuelMaker
www.brcfuelmaker.it/en/default.aspx
Local dealer: PSNC Energy 828-670-3524
wmcelrath@scana.com

CNGPUMP
www.cngpump.com
C. Lee Otto 920-636-0428
Lee@NRGhybrids.com

HEAVY DUTY VEHICLES

Medium to Heavy Duty Trucks and Buses are being offered with a variety of fuel and technology choices:
Diesel/Electric, Hybrid, CNG, Propane, Hydrogen and Electric.

ABC Companies
CNG, LPG & Hybrid
www.abc-companies.com
Sarah Ahlers, Marketing Manager 507-333-5114
sahlers@abc-companies.com
Claude Payne, Sales Manager KY, NC, SC, VA, WV 321-229-1906

Capacity Trucks
CNG, LPG & PHETT: Pluggable Hybrid Electrical Terminal Truck.
www.capacitytrucks.com 800-323-0135
NC Dealers:
Sudden Service Inc.-Taylor Machine, Hope Mills, NC 910-425-2288
Southeast Industrial Equipment, Wilson, NC 252-291-4365 lcarter@sielift.com
Southeast Industrial Equipment, Charlotte, NC 800-752-6368

DesignLine
Transit Buses-Electric & Hybrid Electric
www.designlineinternational.com
Michael Floyd 704-494-7800
michaelfloyd@designlineusa.com

Eaton Corporation
Electric Hybrid and Hydraulic Hybrid systems
www.eaton.com 800-826-4357
Dave Cunningham, Sales—DC, WV, VA, Eastern NC 610-704-1750
Tom Moon, Technical Assistance—VA, Eastern NC 804-310-4777

National Bus Sales
CNG, LPG, Hybrid Electric & Electric
www.nationalbussales.com
704-399-2700
Dana Spurgeon 704-502-3335
DSpurgeon@nationalbussales.com

New Flyer
Hybrid, Electric, & CNG
www.newflyer.com
Mark Brager 204-224-6377
Mark_Brager@newflyer.com
Joel Abraman 203-387-5791
Joel_Abraman@newflyer.com

NOVA bus (Volvo Bus Corporation)
Hybrid Electric, Plug-in Electric & Electric
www.novabus.com
Lee Morris 770-331-8873
Kevin Dawson 336-257-0230

Parker Hannifin Corporation
Refuse Hydraulic Hybrid technology
parkerhybrid.parker.com
Doug Yglesias - Miami, FL (305) 562-7053 doug.yglesias@parker.com
Nathan Knestrick - Toledo, OH (419) 535-9980 nkestrick@parker.com
Morgan Hamori - Cleveland, OH (216) 896-3068 morgan.hamori@parker.com
**DIESEL RETROFIT TECHNOLOGIES**

Diesel retrofit technologies reduce exhaust emissions on existing diesel engines. The most common retrofits are diesel particulate filters (DPFs), diesel multi-stage filters (DMFs) and diesel oxidation catalysts (DOCs). When possible, a closed crankcase ventilation system (CCV) that further reduces emissions from the engine crankcase or oil pan area should be combined with a DPF or DOC to further reduce emissions. The U.S. Environmental Protection
Agency (EPA) and California Air Resources Board (CARB) have verification processes for the approved use of diesel retrofit technologies. For a list of **EPA verified technologies** see: [http://epa.gov/cleandiesel/verification/verif-list.htm](http://epa.gov/cleandiesel/verification/verif-list.htm). For a list of **CARB verified technologies** see: [www.arb.ca.gov/diesel/verdev/vt/cvt.htm](http://www.arb.ca.gov/diesel/verdev/vt/cvt.htm)

### EPA OR CARB VERIFIED TECHNOLOGIES AVAILABLE TO THE NC MARKET

<table>
<thead>
<tr>
<th>Caterpillar Emissions Solutions</th>
<th>Donaldson Company, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particulate Filters</td>
<td>DPFs, DOCs, DOCs with CCV, CCV, SEFs</td>
</tr>
<tr>
<td>Ralph Wintersberger 505-473-2506</td>
<td>Juris Barzdins, 336-420-7141 <a href="mailto:jbarzdins@clarkepsi.com">jbarzdins@clarkepsi.com</a></td>
</tr>
<tr>
<td><strong>Clean Diesel Technologies (CDTI)</strong></td>
<td><strong>International Truck &amp; Engine (NAVISTAR)</strong></td>
</tr>
<tr>
<td>Multi-stage Filters, Oxidation Catalysts, CCVs</td>
<td>DOCs</td>
</tr>
<tr>
<td><a href="http://www.cdti.com">www.cdti.com</a></td>
<td>800-336-4500</td>
</tr>
<tr>
<td>Darrell Trueman 647-628-3830 <a href="mailto:dtrueman@cdti.com">dtrueman@cdti.com</a></td>
<td>(customer support, Parts Distribution Centers)</td>
</tr>
<tr>
<td>Joe Crute 203-416-5290 x111 <a href="mailto:jcrute@cdti.com">jcrute@cdti.com</a></td>
<td><a href="mailto:insidesales.parts@navistar.com">insidesales.parts@navistar.com</a></td>
</tr>
<tr>
<td><strong>Cummins Emission Solutions</strong></td>
<td><strong>Johnson Matthey</strong></td>
</tr>
<tr>
<td>Oxidation Catalysts with Closed Crankcase Ventilation</td>
<td>DPF, EGR, SCRT, Catalytic Mufflers, Catalytic Converters</td>
</tr>
<tr>
<td><a href="http://www.cummins.com">www.cummins.com</a></td>
<td><a href="http://ecl.jmcatalysts.com">ecl.jmcatalysts.com</a></td>
</tr>
<tr>
<td>Mike Brand 309-675-0508</td>
<td>Ann Macchia 484-320-2232 <a href="mailto:maccham@jmusa.com">maccham@jmusa.com</a></td>
</tr>
<tr>
<td><a href="mailto:michael.s.brand@cummins.com">michael.s.brand@cummins.com</a></td>
<td><strong>Nett Technologies</strong></td>
</tr>
<tr>
<td><a href="http://www.dcl-inc.com">www.dcl-inc.com</a></td>
<td>DPF, DMF, DOC, Selective Catalytic Reduction System, 3-way catalysts for LPG/Gas engine</td>
</tr>
<tr>
<td>Tony Almeida 800-872-1968 x268</td>
<td><a href="http://www.nettinc.com">www.nettinc.com</a></td>
</tr>
<tr>
<td><a href="mailto:talmeida@dcl-inc.com">talmeida@dcl-inc.com</a></td>
<td>Wayne Moffat 905-672-5453 x 124 <a href="mailto:wmoffat@nettinc.com">wmoffat@nettinc.com</a></td>
</tr>
</tbody>
</table>

**EPA's Clean School Bus Program** [www.epa.gov/cleanschoolbus/csb-overview.htm](http://www.epa.gov/cleanschoolbus/csb-overview.htm)

**Environmental Defense Fund's Cleaner Diesel Handbook** [www.edf.org/transportation/diesel](http://www.edf.org/transportation/diesel)

**Manufacturers of Emission Controls Association** [www.meca.org](http://www.meca.org)

**Southeast Diesel Collaborative** [www.southeastdiesel.org](http://www.southeastdiesel.org)

**Diesel Technology Forum** [www.dieselforum.org](http://www.dieselforum.org)

### IDLE REDUCTION TECHNOLOGY

For medium and HD trucks, there are both stationary (plug in) and mobile idle reduction solutions:

<table>
<thead>
<tr>
<th>System</th>
<th>Provider</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery Powered</td>
<td>All Around Contracting LLC; AuraGen; Bergstrom Inc.; Cool Moves; DC Power Solutions; Diamond Power Systems LLC; *Dometic Corporation; *Driver Comfort System; Energy Xtreme; Freightliner Cascadia; Glacier Bay, Inc.; Hammond Air Conditioning; *Idle Free Systems, LLC; Indel B Sleeping Wel; NAS LLC; Navistar MaxxPower; Paddock Solar; Peterbilt Motors Company; Safer Corporation; Sobo Inc; Sun Power Technologies; Thermo King; Volvo</td>
</tr>
<tr>
<td>* Indicates electric capability in addition to battery</td>
<td></td>
</tr>
<tr>
<td>Fuel Operated Heaters</td>
<td>Automotive Climate Control; Espar Heater Systems; Teleflex; Volvo; Webasto Product North America, Inc.;</td>
</tr>
<tr>
<td>APU/GS</td>
<td>ACEMCO Power Systems; Airworks Compressors Corp; Big Rig Products; *Carrier Transicold; Centramatic; *Diamond Power Systems; Dunamis Power Systems; *Flying J Inc; Frigette Truck Climate Systems; Hodyon LP; Kohler; Life Force; Mantis Metalworks LLC; McMillan Electric Company; Navistar Fleetrite; Parks Industries LLC; Pony Pack, Inc.; Power Technology Southeast; RigMaster Power; Star Class, Inc.; *Thermo King Corporation (Ingersoll Rand); TRIDAKO Energy Systems; Volvo 971; Willis Power Systems</td>
</tr>
<tr>
<td>* Indicates electric capability in addition to diesel</td>
<td></td>
</tr>
<tr>
<td>Thermal Storage Systems</td>
<td>Autotherm Division Enthal Systems Inc; Webasto</td>
</tr>
</tbody>
</table>
Electrified Parking Spaces (Dual System) | Crauford Manufacturing, Inc (tour bus system); EnviroDock; Shorepower LLC
---|---
Electrified Parking Spaces (Single System) | CabAire LLC; Crauford Manufacturing, Inc.; IdleAire Technologies Corporation

**Truck Stop Electrification Locator:** [www.afdc.energy.gov/afdc/vehicles/idle_reduction_stations.html](http://www.afdc.energy.gov/afdc/vehicles/idle_reduction_stations.html)

For light duty vehicles that idle extensively (ex. police and delivery):
- **EnergyXtreme**, [www.energyxtreme.net](http://www.energyxtreme.net) Greg Topjian gtopjian@energyxtreme.net 781-248-4544
- **Odyssey Battery**, Marty Piecuch mpiecuch@carolinaenergydist.com 800-472-5583 (Carolina Energy Distributors)

**MOTOR OILS**

Three options are available for replacing conventional petroleum based motor oils: **Synthetic** lubricants, **re-refined oil**, and **Bio-based motor oils**. Bio-based are the most “environmentally friendly” of the motor oils available, maintaining properties of non-toxicity and biodegradability, but their limited availability increases their cost. **Green Earth Technologies**: bio-based, re-refined, and synthetic automotive oils. [http://getg.com/autoOil.php](http://getg.com/autoOil.php)

**North Carolina Correction Enterprise**: State agencies can procure synthetic and re-refined motor oil from: [http://correctionenterprises.com/results.php?s=synthetic+motor+oil&x=0&y=0](http://correctionenterprises.com/results.php?s=synthetic+motor+oil&x=0&y=0) or [http://correctionenterprises.com/results.php?s=re-refined&x=0&y=0](http://correctionenterprises.com/results.php?s=re-refined&x=0&y=0)


**Valvoline NextGen**: 50% recycled content, conventional and synthetic. [http://nextgen.valvoline.com/](http://nextgen.valvoline.com/)

**CONSERVATION**

Reducing fuel consumption, or conservation, is an important strategy for meeting petroleum reduction goals.

**Fuel Economy Tips:**
- [www.fueleconomy.gov](http://www.fueleconomy.gov)
- [www.ecodrivingusa.org](http://www.ecodrivingusa.org)

For more information contact Clean Transportation at NC Solar Center

- **Phone:** (919) 513-0852
- **Email:** cleantransportation@ncsu.edu
- **Web:** [www.cleantransportation.org](http://www.cleantransportation.org)

For North Carolina Clean Cities contacts:

*This document is supported through the Clean Fuel Advanced Technology project with funding provided by the NC Department of Transportation, State Energy Office and the NC Solar Center/NC State University*