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Alternative Fuel Information Series

April 2003

Clean Cities

FACTS

U. S. D E P A R T M E N T o f E N E R G Y



What is the Clean Cities Program?

It is a government-industry partnership to advance alternative fuel vehicles.

Clean Cities is sponsored by the U.S. Department of Energy (DOE), and was created with one overriding mission: to advance the use of cars and trucks powered by alternative fuels, and thereby reduce our nation's dependence on imported petroleum. The Program promotes the purchase of alternative fuel vehicles (AFVs) and the expansion of the AFV-refueling infrastructure. At local coalitions across the country, governmental agencies and private companies come together voluntarily under the umbrella of the Clean Cities Program. The Program helps all parties identify mutual interests while meeting their individual

objectives—such as the need to improve air quality, comply with federal fleet regulations, or identify and create markets for vehicles or fuel.

Additionally, Clean Cities:

- Creates new jobs and commercial opportunities
- Facilitates AFV production and sales
- Develops "clean corridors" of AFV-friendly highways
- Increases public awareness of alternative fuels

What are alternative fuels?

A short list of approved fuels was created by federal legislation in 1992.

When Congress passed the Energy Policy Act (EPAAct), it required certain types of users to complete their future light-duty vehicle acquisitions, in specific proportions, with AFVs. Covered fleets include those operated by government agencies at both the federal and state levels. Also covered are certain vehicle fleets in private industry—specifically those operated by alternative fuel providers and utility companies.

To meet those requirements, covered fleets must choose vehicles that can run on approved alternative fuels. Those fuels include natural gas, liquids produced from natural gas, ethanol, methanol, biodiesel, hydrogen, electricity, and liquefied petroleum gas, also commonly called propane. Also included is P-Series Fuel, a blended product designed for fleets. EPAAct credits can be earned by fleets using B20, a diesel blend containing 20% biodiesel, at a rate of one credit per 450 gallons.

How does Clean Cities work?

The Program attempts to mobilize local stakeholders in government and industry.

In approximately 80 coalitions across the country (listed on pages 2-3), the Clean Cities Program draws local stakeholders from the public and private sectors. Represented are local, state and federal agencies; public health and transportation departments; transit agencies; and other government offices; as well as auto manufacturers, car dealers, fuel suppliers, public utilities, and professional associations. Joining Clean Cities is voluntary. More than 4,700 stakeholders have accepted the invitation to sign up and experience the Program's many benefits.

create AFV markets. Clean Cities is often instrumental in cultivating an alternative fuels "community," where people learn how to fuel and operate AFVs successfully. In the process, the uncertainty of using alternative fuels can be reduced.

A Clean Cities coalition can provide a forum for members to leverage their resources, develop joint projects, collaborate on public policy issues, and promote AFVs in their communities. The Program can match buyers with sellers, and help

The Program emphasizes applications in "niche markets." Opportunities for AFV users are greatest where fleets can share their use of the infrastructure. Examples include airports, campuses, and military bases, government agencies, public transit agencies, and freight and package delivery companies. Clean Cities devotes much of its attention to promoting opportunities available in these niche markets. But it welcomes and supports individual AFV users and owners as well.

What sort of assistance does Clean Cities offer?

The Program maintains and produces a vast array of information resources.

Clean Cities provides a toll-free hotline, conferences and workshops, an extensive Web site, a searchable online database of alternative fuel documents, a quarterly alternative fuels magazine, and many other publications. You'll find information about specific vehicles, fuels and their local availability, regulations and compliance, grants and other project funding, taxes, laws, and incentives for the purchase and use of AFVs. Our Web site, located at www.ccities.doe.gov, includes a "roadmap" for starting a Clean Cities coalition, plus news, contact information, success stories, and much more.

For Clean Cities coalitions encountering obstacles in their move toward alternative fuels, DOE provides technical assistance in the form of "Tiger Teams." These multi-discipline teams may be able to offer help with problems related to vehicle performance or drivability, safety, maintenance, driver acceptance, and AFV implementation strategies. They can also aid in infrastructure development, particularly in matters related to station design and siting, interaction with alternative fuel providers, fire safety, fueling station performance, and user and operator training.

Putting Alternative Fuel Vehicles on the Nation's Streets and Highways



The greatest successes of the Program have been in cultivating cooperation.

In its first decade, the Clean Cities Program has been an integral part of many success stories. It has been a catalyst to spur significant gains in the nation's AFV population and the number of refueling sites. It has aided in establishing AFV programs at hundreds of airports, transit agencies, military bases, universities, and businesses. It has successfully cultivated alternative fuel use by school buses, police cars, postal vehicles, delivery vans, taxis, rental cars, and utility trucks.

Clean Cities coalitions have been formed in approximately 80 communities in 41 states. Our goal is for at least 75% of all coalitions to be "self-sustaining" by 2005, with no reliance on federal financial support.

The greatest accomplishments of Clean Cities, however, are not numerical. The Program has achieved its most important objective—to bring diverse parties together, foster cooperation, and create broad public awareness. It enters its second decade with the same basic goal—to build a sustainable alternative fuel market, and thereby enhance energy security and air quality.

What has Clean Cities accomplished?

Local Clean Cities Coordinators

AR-Central Arkansas Tommy Foltz 501-663-4832	CA-Los Angeles Lisa Wunder 213-978-0855	CA-Southern California Assn. of Governments Sina Zarifi 909-396-5757	CT-New Haven Lee Grannis 203-876-6464 Brian McGrath 203-946-8067	GA-Middle Georgia Jake Cox 478-542-2116	KS-Manhattan Diane Stoddard 785-587-2404	LA-Baton Rouge Tammy Morgan 225-289-8560	MA-Boston David Rand 617-727-4732, x138	MD-Baltimore Dale Baxter 410-260-7655	ME-Portland Steven Linnell 207-774-9891	MI-Ann Arbor David Konkle 734-996-3150	MI-Detroit/Toronto, ON Canada Paula Anderson 724-362-3476	MO-Kansas City Benjamin Watson 816-531-7624	MO-St. Louis Kevin Herdler 314-822-5830	NC-Triangle Coalition (Raleigh, Durham, Chapel Hill) Anne Tazewell 919-558-9400	NV-Las Vegas Dan Hyde 702-229-6971	NV-Reno (Truckee Meadows) Bill Golding 775-851-1420	NY-Capital District Deborah Stacey 518-458-2161	NY-Central New York (Rochester) Paul Heaney 716-624-8182	NY-Genesee Region Paul Heaney 716-624-8182	NY-New York City Lou Calcagno 212-487-6820 Mark Simon 202-487-6818	NY-Western New York Linda Hardie 716-634-1038	OH-Central Ohio Sam Spofforth 614-292-5435	OH-Cleveland Stephanie Strong 216-281-6468	OH-Cincinnati Sarah Dowers 513-946-7748	OK-Central Oklahoma Yvonne Anderson 405-234-2264	RI-Ocean State Steve Woerner 401-831-2197	TX-Alamo Area John Quebe 210-362-5278	TX-Dallas/Fort Worth Nan Miller 817-608-2333	TX-Houston Beth Whitehead 713-993-4582	TX-Lower Rio Grande Valley Grace Segovia 956-682-3481	TX-Paso del Norte Carlon Bennett 915-543-9922	TX-South Texas Jim Needham 361-825-2708	UT-Salt Lake City Beverly Miller 801-535-7736	VA-Hampton Roads Nic van Vuuren 757-873-6239	WA-Puget Sound Linda Graham 206-684-0935	WI-Southeast Area Nicole Anderson 414-221-2812	WV-State of W. Virginia Jeff Herholdt, Jr. 304-558-0350	WY-Yellowstone/Grand Tetons Sharon Roh 208-529-1431
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For the most current list of Clean Cities coordinators, visit the Web site www.ccities.doe.gov/contact.shtml. You can also call the Clean Cities Hotline (1-800-CCITIES) or e-mail them at ccities@nrel.gov.

Where can I get more information?

Call the Clean Cities Hotline at 1-800-CCITIES with questions about alternative fuels, AFVs, and the Clean Cities Program itself. You can also find answers and information on a host of topics at the Clean Cities Web site, located at www.ccities.doe.gov. Some of its features are:

- **The Clean Cities Roadmap**, offering instructions for cities and regions on how to join the Clean Cities Program.
- **A Guide to AFV Incentives and Laws**, with information on how and where funding is available for AFVs and related infrastructure.
- **The Coordinators' Toolbox**, with information and resources to help Clean Cities coalition coordinators.
- **Alternative Fuel News**, a free quarterly magazine with news and features about Clean Cities, AFVs, and alternative fuels.
- **The Fleet Buyer's Guide**, featuring a step-by-step process to help fleet managers and individuals make informed AFV purchase decisions. Located at www.fleets.doe.gov.
- **The Alternative Fuels Data Center**, a searchable database with more than 3,000 relevant documents and publications, located at www.afdc.doe.gov/.

Clean Cities Regional Contacts

All DOE regional offices (listed below) are staffed by Clean Cities personnel, ready to help with alternative fuels market development questions. Assistance is also available from local Clean Cities coordinators (see pages 2-3).

The list is regularly updated at <http://www.ccities.doe.gov/contact.shtml>.

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To obtain more information, contact the Clean Cities Hotline at Phone: 800-CCITIES
Web site: <http://www.ccities.doe.gov>
E-mail: ccities@nrel.gov

or write to:
U.S. Department of Energy, EE-34
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