



# Alternative Fuels Index<sup>SM</sup>

a weekly benchmark for alternative fuels

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## GM and LG to Jointly Develop Electric Vehicles

### America Looks To The Future Of Automobiles

General Motors and LG Group will jointly design and engineer future electric vehicles, expanding a relationship built on LG's work as the battery cell supplier for the Chevrolet Volt and Opel Ampera extended-range EVs.

The definitive agreement signed recently will help GM expand the number and types of electric vehicles it makes and sells by using LG's proven expertise in batteries and other systems. For LG, the arrangement represents a widening of its portfolio as an automotive solution provider.

"Many solutions for tomorrow's transportation needs may be available more quickly by building on our partnership strategy," said GM Vice Chairman Steve Girsky. "Consumers benefit by getting the latest fuel-saving technology faster if we work with the best suppliers and we save time and money in the development process."

The success of the extended-range propulsion system in the Volt and Ampera led to exploring other collaborations in the electrification of the automobile. Teams of LG and GM engineers will work on key components, as well as vehicle structures and architectures. Vehicles resulting from the partnership will be sold in many countries.

The GM-LG relationship that began with LG delivering the cells for the battery pack of the Chevrolet Volt and Opel Ampera expanded last year with work on a demonstration fleet of Chevrolet Cruze electric vehicles. These vehicles were used as official vehicles of the G20 summit in Seoul are now in the phase of market-testing to

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**09-08-11**

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It is estimated that by the year 2017 the sales of hybrid trucks will pass 100,000 vehicles. Analysts say the increase in sale will be due to a combination of the falling cost of technology and the increase in diesel prices. The changes in the truck market in the past years have brought the market into an attractive position.

## EMI Brings CNG To The Forefront

Energy Management Institute, publishers of *Alternative Fuels Index*, is pleased to announce a new contributing data partner to the publication, CNGPrices.com. If you are not aware of the transformational changes occurring in the natural gas industry, you soon will be. The amount of proven, recoverable, domestic natural gas reserves in the United States has grown by 40% in just the past five years. This rapid expansion is not due to vast new discoveries, but rather the application of enhanced recovery methods on shale reserves that were discovered long ago.

Names like Marcellus, Haynesville, Fayetteville, Woodford, and Eagle Ford are being added to the patriarch Barnett to form a lineup of shale gas supply that is in a word; "transformational". As an example, the Marcellus formation which underlies an area stretching from southern New York state down to northern Tennessee, was thought to contain 34 trillion cubic feet (TCF) of natural gas as recently as 2006. That's about a year and a half supply for the entire United States. By 2008, that number had grown to 262 TCF or more than 10 years supply. Measuring the recoverable reserves from seven major plays in 2006 showed a total of 215 TCF; by 2008 the total had grown to 742 TCF or nearly 35 years supply. Those numbers are nearly 3 years old and measure only 7 of the dozens of plays that exist just in the U.S. The trend continues as total proven reserves of natural gas have grown by 35% in just the past

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# AFI's Biodiesel Index

Location	B100	B20	B2	#2 Diesel	Location	B100	B20	B2	#2 Diesel
Albany, NY	\$5.6264	\$3.6785	\$3.2402	\$3.1915	Los Angeles, CA	\$5.2145	\$3.5720	\$3.2025	\$3.1614
Albuquerque, NM	\$5.9700	\$3.7747	\$3.2808	\$3.2259	Louisville, KY	\$5.7419	\$3.7392	\$3.2886	\$3.2385
Atlanta, GA	\$5.3395	\$3.5693	\$3.1711	\$3.1268	Madison, WI	\$5.6700	\$3.6922	\$3.2471	\$3.1977
Baltimore, MD	\$5.9375	\$3.6985	\$3.1947	\$3.1387	Manchester, NH	\$5.4245	\$3.6646	\$3.2686	\$3.2246
Billings, MT	\$5.9700	\$3.9059	\$3.4415	\$3.3899	Miami, FL	\$5.8700	\$3.6954	\$3.2061	\$3.1517
Birmingham, AL	\$5.3295	\$3.5635	\$3.1662	\$3.1220	Minneapolis, MN	\$5.7766	\$3.7217	\$3.2594	\$3.2080
Boise, ID	\$5.9700	\$3.8748	\$3.4034	\$3.3510	Nashville, TN	\$5.4272	\$3.6413	\$3.2394	\$3.1948
Boston, MA	\$5.4170	\$3.6407	\$3.2410	\$3.1966	New Orleans, LA	\$5.0257	\$3.4864	\$3.1401	\$3.1016
Burlington, VT	\$5.9400	\$3.7974	\$3.3153	\$3.2617	Newark/NYC, NJ	\$5.6186	\$3.6480	\$3.2046	\$3.1553
Charleston, WV	\$5.8931	\$3.8379	\$3.3755	\$3.3241	Oklahoma City, OK	\$5.9191	\$3.7258	\$3.2323	\$3.1775
Cheyenne, WY	\$5.6700	\$3.8784	\$3.4753	\$3.4305	Omaha, NE	\$5.8644	\$3.7286	\$3.2480	\$3.1946
Chicago, IL	\$5.7221	\$3.6759	\$3.2155	\$3.1643	Philadelphia, PA	\$5.6307	\$3.6621	\$3.2192	\$3.1700
Columbia, SC	\$5.9335	\$3.6878	\$3.1825	\$3.1264	Phoenix, AZ	\$5.7878	\$3.7028	\$3.2337	\$3.1816
Columbus, OH	\$5.7460	\$3.7319	\$3.2788	\$3.2284	Pittsburgh, PA	\$5.9113	\$3.7513	\$3.2653	\$3.2113
Dallas, TX	\$5.1240	\$3.5442	\$3.1888	\$3.1493	Portland, ME	\$5.4345	\$3.6456	\$3.2431	\$3.1984
Denver, CO	\$5.6700	\$3.7203	\$3.2816	\$3.2329	Portland, OR	\$5.9091	\$3.7530	\$3.2679	\$3.2140
Des Moines, IA	\$5.8013	\$3.7161	\$3.2469	\$3.1948	Raleigh, NC	\$5.9415	\$3.6933	\$3.1874	\$3.1312
Detroit, MI	\$5.7662	\$3.7188	\$3.2581	\$3.2069	Richmond, VA	\$5.9375	\$3.6983	\$3.1945	\$3.1385
Dover, DE	\$5.4920	\$3.6221	\$3.2013	\$3.1546	Salt Lake City, UT	\$5.9700	\$3.8461	\$3.3682	\$3.3151
Houston, TX	\$5.0765	\$3.5186	\$3.1680	\$3.1291	San Francisco, CA	\$5.5995	\$3.6600	\$3.2236	\$3.1751
Indianapolis, IN	\$5.7439	\$3.6992	\$3.2391	\$3.1880	Seattle, WA	\$5.3970	\$3.7015	\$3.3200	\$3.2776
Jackson, MS	\$5.2845	\$3.5780	\$3.1941	\$3.1514	Sioux Falls, SD	\$5.6700	\$3.6937	\$3.2490	\$3.1996
Jacksonville, FL	\$5.8700	\$3.7317	\$3.2506	\$3.1971	St. Louis, MO	\$5.7716	\$3.6951	\$3.2279	\$3.1760
Kansas City, MO	\$5.8991	\$3.7332	\$3.2458	\$3.1917	Wichita, KS	\$5.8991	\$3.7275	\$3.2389	\$3.1846
Las Vegas, NV	\$5.9700	\$3.7474	\$3.2474	\$3.1918	<b>U.S. Average:</b>	\$5.6861	\$3.6970	\$3.2494	\$3.1997
Little Rock, AR	\$5.2995	\$3.5720	\$3.1833	\$3.1401	Halifax, NS	\$4.5000	\$3.5021	\$3.2775	\$3.2526

Prices do not include taxes and may be net of certain subsidies. Blended prices may be higher due to additional transportation and blending. Prices are in U.S. dollars per gallon derived from sources deemed reliable. B100 price for ASTM-spec fuel.

## GM Cont'd

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learn more about capabilities and requirements. "This is a strategic development for LG and we fully support GM's goal to lead the industry in the electrification of the automobile," said Juno Cho, president and chief operating officer of LG Corp.

Accelerating the pace of roadworthy technology is more important than ever with the announcement of a number of more stringent emission and fuel consumption regulations around the world, including the recent agreement calling for a U.S. Corporate Average Fuel Economy (CAFE) of 54.5 mpg (23.2km/l) by the end of the 2025 model year. Electric vehicles, which have no tailpipe emissions and require no gasoline, are expected to play a major role in reaching the CAFE goal.

Timing of the launch of the first vehicles resulting from the partnership will be announced closer to market readiness. The agreement does not involve an exchange of equity between the companies.

General Motors, one of the world's largest automakers, traces its roots back to 1908. With its global headquarters in Detroit, GM employs 208,000 people in every major region of the world and does business in

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# USDA, DOE And Navy Seek To Further Biofuels

Secretary of Agriculture Tom Vilsack, Secretary of Energy Steven Chu, and Secretary of the Navy Ray Mabus announced the next step in the creation of a public-private partnership to develop drop-in advanced biofuels. The Secretaries issued a Request for Information (RFI) laying out the Administration's goals, assumptions, and tools and requesting from industry specific ideas for how to leverage private capital markets to establish a commercially viable drop-in biofuels industry. The critical information gathered through this process will help accelerate the development and use of these biofuels, reduce the Nation's demand for foreign oil, and strengthen rural America.

On August 16, 2011, the three Departments announced an investment in the private sector of up to \$510 million during the next three years to produce advanced drop-in aviation and marine biofuels to power military and commercial transportation. The initiative responds to a directive from President Obama issued in March as part of his Blueprint for a Secure Energy Future, the Administration's framework for reducing dependence on foreign oil. Drop-in biofuels serve as direct replacements or supplements to existing gasoline, diesel and jet fuels, without any changes to existing fuel distribution networks or engines.

"Energy independence is critical to the military and critical to national security. That is why the Department of Navy is partnered in the effort to create a biofuels market," said Secretary Mabus. "Our reliance on foreign oil means that the most volatile regions in the world impact whether our aircraft fly and our ships sail. Home-grown biofuels will create a more stable market for fuel and greater security for the Navy and the nation."

"These efforts will accelerate advanced technologies to produce infrastructure-compatible biofuels that will replace imported crude oil with secure, renewable fuels made here in the U.S.," said Energy Secretary Chu. "Building manufacturing capability for next-generation drop-in biofuels in the United States will support eco-

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## AFI's Electricity Index

State	KW/hr	GGE	State	KW/hr	GGE	State	KW/hr	GGE	State	KW/hr	GGE
AK	\$0.1479	\$4.96	ID	\$0.0654	\$2.19	MT	\$0.0907	\$3.04	RI	\$0.1293	\$4.34
AL	\$0.1045	\$3.50	IL	\$0.0858	\$2.88	NC	\$0.0806	\$2.70	SC	\$0.0934	\$3.13
AR	\$0.0693	\$2.32	IN	\$0.0880	\$2.95	ND	\$0.0688	\$2.31	SD	\$0.0739	\$2.48
AZ	\$0.0882	\$2.96	KS	\$0.0827	\$2.77	NE	\$0.0747	\$2.50	TN	\$0.0998	\$3.35
CA	\$0.1296	\$4.35	KY	\$0.0844	\$2.83	NH	\$0.1440	\$4.83	TX	\$0.0911	\$3.05
CO	\$0.0896	\$3.00	LA	\$0.0838	\$2.81	NJ	\$0.1343	\$4.50	UT	\$0.0690	\$2.31
CT	\$0.1582	\$5.30	MA	\$0.1392	\$4.67	NM	\$0.0869	\$2.91	VA	\$0.0761	\$2.55
DC	\$0.1358	\$4.55	MD	\$0.1179	\$3.95	NV	\$0.0949	\$3.18	VT	\$0.1377	\$4.62
DE	\$0.1107	\$3.71	ME	\$0.1270	\$4.26	NY	\$0.1522	\$5.10	WA	\$0.0749	\$2.51
FL	\$0.1011	\$3.39	MI	\$0.1014	\$3.40	OH	\$0.0966	\$3.24	WI	\$0.1019	\$3.42
GA	\$0.0964	\$3.23	MN	\$0.0814	\$2.73	OK	\$0.0713	\$2.39	WV	\$0.0775	\$2.60
HI	\$0.2844	\$9.54	MO	\$0.0715	\$2.40	OR	\$0.0834	\$2.80	WY	\$0.0757	\$2.54
IA	\$0.0744	\$2.49	MS	\$0.0965	\$3.24	PA	\$0.0977	\$3.28			

Prices are per-kilowatt/hour commercial averages and do not include taxes, rebates, or subsidies. GGE = Gasoline Gallon Equivalent based on 3,400 BTUs per kilowatt hour. Prices derived from EIA and sources deemed correct. \* Reflects residential average.

## AFI's Ethanol Index

Location	E100	GGE	UNL 87	E85	E10
Aberdeen, SD	\$3.0486	\$4.5729	\$3.1929	\$3.0702	\$3.1785
Alexandria, MN	\$3.0751	\$4.6127	\$3.2107	\$3.0954	\$3.1971
Bettendorf, IA	\$3.0120	\$4.5180	\$3.1544	\$3.0334	\$3.1402
Chicago, IL	\$3.0620	\$4.5930	\$3.1491	\$3.0620	\$3.0620
Coffeyville, KS	\$3.0500	\$4.5750	\$3.1111	\$3.0592	\$3.1050
Columbus, OH	\$3.0520	\$4.5780	\$3.1602	\$3.0682	\$3.1494
Denver, CO	\$3.1238	\$4.6857	\$3.1456	\$3.1271	\$3.1434
Des Moines, IA	\$2.9810	\$4.4715	\$3.1361	\$3.0043	\$3.1206
Doniphan, NE	\$2.9327	\$4.3991	\$3.1380	\$2.9635	\$3.1175
Duluth, MN	\$3.1467	\$4.7201	\$3.2326	\$3.1596	\$3.2240
Evansville, IN	\$3.0350	\$4.5525	\$3.1213	\$3.0479	\$3.1127
Fargo, ND	\$3.0332	\$4.5498	\$3.2093	\$3.0596	\$3.1917
Fort Madison, IA	\$3.0750	\$4.6125	\$3.1914	\$3.0925	\$3.1798
Glendive, MT	\$3.1800	\$4.7700	\$3.2268	\$3.1870	\$3.2221
Indianapolis, IN	\$3.0513	\$4.5770	\$3.1350	\$3.0639	\$3.1266
Kansas City, MO	\$2.9881	\$4.4822	\$3.1294	\$3.0093	\$3.1153
Madison, WI	\$3.0468	\$4.5702	\$3.2267	\$3.0738	\$3.2087
Mandan, ND	\$3.1300	\$4.6950	\$3.2714	\$3.1512	\$3.2573
Milwaukee, WI	\$3.0000	\$4.5000	\$3.0825	\$3.0124	\$3.0743
Mnpls/St Paul, MN	\$3.0992	\$4.6488	\$3.1943	\$3.1135	\$3.1848
Minot, ND	\$3.1238	\$4.6857	\$3.2855	\$3.1481	\$3.2693
North Platte, NE	\$2.9990	\$4.4985	\$3.1879	\$3.0273	\$3.1690
Omaha, NE	\$2.9735	\$4.4603	\$3.1442	\$2.9991	\$3.1271
Pasco, WA	\$3.1550	\$4.7325	\$3.2700	\$3.1723	\$3.2585
Peoria, IL	\$3.0986	\$4.6479	\$3.1355	\$3.1041	\$3.1318
Phillipsburg, KS					
Portland, OR	\$3.1300	\$4.6950	\$3.2475	\$3.1476	\$3.2358
Rapid City, SD	\$3.0650	\$4.5975	\$3.2083	\$3.0865	\$3.1940
Sheridan, WY	\$3.1350	\$4.7025	\$3.1740	\$3.1409	\$3.1701
Sioux Falls, SD	\$2.9831	\$4.4747	\$3.1521	\$3.0085	\$3.1352
Spokane, WA	\$3.1550	\$4.7325	\$3.1773	\$3.1583	\$3.1751
Springfield, IL	\$3.1925	\$4.7888	\$3.1219	\$3.1819	\$3.1290
St. Louis, MO	\$3.0600	\$4.5900	\$3.0817	\$3.0633	\$3.0795
Topeka, KS	\$3.0396	\$4.5594	\$3.1399	\$3.0546	\$3.1299
Wichita, KS	\$3.0520	\$4.5780	\$3.1149	\$3.0614	\$3.1086

Prices do not include taxes, rebates, or subsidies. GGE = Gasoline Gallon Equivalent price. Splash blended prices may be higher. Prices derived from DTN ([www.DTN.com](http://www.DTN.com)) and sources deemed reliable. For daily or individual supplier prices call (888) 871-1207.

## CNG Cont'd

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two years. Canada is rich in shale plays as well giving North America access to a supply of domestic natural gas that alone could drastically reduce or eliminate the demand for foreign oil.

CNGPrices.com allows AFI to begin posting retail compressed natural gas prices in various regions across the U.S. Retail CNG fueling stations are currently small in number and scattered compared to their much more mature gasoline counterparts. However the numbers of stations, vehicles, and drivers is growing daily. We are pleased to add this coverage as we feel CNG will continue to gain strength as a motor fuel and is poised to reach exponential growth rates. We recently talked to the founder of CNG-Prices.com, to find out more about the inspiration behind the site:

AFI: Why did you start CNGPrices.com?

I started CNGPrices.com because I bought a CNG car, and could not find a good, usable resource to tell me locations of stations as well as pricing information. These sites existed in spades for gasoline, but not at all for CNG. I remember being surprised the first time I got the map working that there was a fueling station on my commute to work that I didn't know about. I just wanted to make the information easier to find.

AFI: How do you get your prices?

I have two primary methods for obtaining prices. One is that I work with stations owners and operators and provide them with their own free administration pages. Many of these companies provide their own price and station status updates as they change, which is a wonderful way of keeping the CNG community informed. The other method is by crowd sourcing. The CNG community is a very active community, and users are vigilant about keeping prices on stations near them

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# AFI's Natural Gas Index

State	Mcf	GGE	State	Mcf	GGE	State	Mcf	GGE	State	Mcf	GGE
AK	\$8.5800	\$1.0868	ID	\$8.2600	\$1.0463	MT	\$10.1400	\$1.2844	RI	\$16.8700	\$2.1369
AL	\$0.0000	\$0.0000	IL	\$11.3600	\$1.4390	NC	\$10.2400	\$1.2971	SC	\$10.2500	\$1.2984
AR	\$11.1500	\$1.4124	IN	\$10.2500	\$1.2984	ND	\$8.2200	\$1.0412	SD	\$7.6100	\$0.9640
AZ	\$9.9700	\$1.2629	KS	\$12.7000	\$1.6087	NE	\$6.9300	\$0.8778	TN	\$9.6700	\$1.2249
CA	\$8.5200	\$1.0792	KY	\$10.5800	\$1.3402	NH	\$12.2500	\$1.5517	TX	\$7.8300	\$0.9918
CO	\$8.1600	\$1.0336	LA	\$9.8500	\$1.2477	NJ	\$10.8300	\$1.3718	UT	\$6.6000	\$0.8360
CT	\$8.6300	\$1.0932	MA	\$10.5200	\$1.3326	NM	\$7.6000	\$0.9627	VA	\$10.6400	\$1.3478
DC	\$12.7100	\$1.6100	MD	\$10.8700	\$1.3769	NV	\$8.1300	\$1.0298	VT	\$12.3100	\$1.5593
DE	\$14.6900	\$1.8608	ME	\$10.4000	\$1.3174	NY	\$0.0000	\$0.0000	WA	\$11.0200	\$1.3959
FL	\$11.2500	\$1.4250	MI	\$10.4000	\$1.3174	OH	\$9.4000	\$1.1907	WI	\$8.1400	\$1.0311
GA	\$11.9700	\$1.5162	MN	\$8.1200	\$1.0286	OK	\$0.0000	\$0.0000	WV	\$11.5100	\$1.4580
HI	\$50.6700	\$6.4184	MO	\$12.4600	\$1.5783	OR	\$0.0000	\$0.0000	WY	\$0.0000	\$0.0000
IA	\$8.5000	\$1.0767	MS	\$7.1800	\$0.9095	PA	\$11.3400	\$1.4364			

**Overall U.S. Average:** \$9.9075 \$1.2550

Prices are commercial averages per thousand cubic feet and do not include taxes, rebates, or subsidies.

GGE = Gasoline Gallon Equivalent based on 900 BTUs per cubic foot. ***CNG prices will be higher due to compression and transportation costs.*** Prices derived from EIA and sources deemed correct.

## RFA Responds to President on Ethanol

The Renewable Fuels Association recently responded to comments made by President Obama at an event in Atkinson, Illinois, about America's existing ethanol industry and the need to develop additional renewable fuel technologies:

"Solving the energy challenges this country faces includes embracing a wide variety of renewable technologies, including proven technologies like existing ethanol production. In order to responsibly remodel and expand America's renewable fuel house, we must first make sure the foundation is secure. That includes expanding the market for ethanol blends and aggressively implementing the Renewable Fuel Standard while simultaneously investing in new renewable fuel technology.

"Without question, there would not be a market for the emerging renewable fuels President Obama discussed were it not for the success of the existing ethanol industry. At ten percent of the nation's gasoline market, current domestic ethanol supplies are reducing our demand for imported oil, mitigating the environmental destruction caused by an overreliance on fossil fuels, and most importantly, creating hundreds of thousands of jobs that cannot be outsourced.

"We agree with President Obama that we need to make room for new ethanol and renewable fuel technologies by walking away from our addiction and continued subsidizing of oil. We look forward to continuing the very constructive relationship this industry has had with the Obama Administration to grow this industry and foster the kind of innovation needed to meet our country's energy needs."

An issue raised at the President's event revolved around existing ethanol production and grain supplies. Put simply, the existing ethanol industry has not "diverted" grain away from other uses. Rather, annual grain supplies have grown large enough to satisfy increased demand from all end users. The current ethanol industry's feedstock demands have had only trivial effects on consumer food prices, as documented in recent analyses conducted by Informa Economics and USDA.

Moreover, any negligible increase in consumer food prices that might be attributable to ethanol is more than offset by ethanol's ability to substantially reduce the average American family's yearly gasoline bill.

## AFI's P-Series

**P-Series Price FOB  
Philadelphia**

**\$2.6935  
Per Gallon**

**GGE = \$3.2452**

**Price based on bulk production  
of 32 mbd and includes federal  
ethanol tax credit.**

# AFI's Propane Index

Location	Propane	GGE	UNL 87	Location	Propane	GGE	UNL 87
Albany, NY	\$1.7309	\$2.3540	\$3.0818	Las Vegas, NV	\$1.6400	\$2.2304	\$3.0584
Albuquerque, NM	\$1.6800	\$2.2848	\$3.0879	Little Rock, AR	\$1.6956	\$2.3060	\$3.0672
Atlanta, GA	\$1.6679	\$2.2683	\$3.0260	Los Angeles, CA	\$1.6500	\$2.2440	\$3.1388
Billings, MT	\$1.4150	\$1.9244	\$3.1966	Madison, WI	\$1.5362	\$2.0892	\$3.2267
Birmingham, AL	\$1.6629	\$2.2615	\$2.9650	Mnpls/St. Paul, MN	\$1.5366	\$2.0898	\$3.1943
Chicago, IL	\$1.5072	\$2.0498	\$3.1491	Newark / NYC	\$1.6700	\$2.2712	\$3.1208
Columbus, OH			\$3.1602	Oklahoma City, OK	\$1.4799	\$2.0127	\$3.0989
Dallas, TX	\$1.6638	\$2.2628	\$3.0510	Omaha, NE	\$1.4948	\$2.0329	\$3.1442
Denver, CO			\$3.1921	Philadelphia, PA	\$1.7271	\$2.3489	\$3.1253
Des Moines, IA	\$1.5116	\$2.0558	\$3.1361	Pittsburgh, PA	\$1.7102	\$2.3259	
Detroit, MI	\$1.6350	\$2.2236	\$3.1088	Portland, OR	\$1.6400	\$2.2304	\$3.2475
Fargo, ND	\$1.5451	\$2.1013	\$3.2279	Raleigh, NC	\$1.6953	\$2.3056	\$3.1011
Green Bay, WI	\$1.6035	\$2.1808	\$3.2361	San Francisco, CA	\$1.5300	\$2.0808	\$3.1118
Houston, TX	\$1.6338	\$2.2220	\$3.0198	Seattle, WA	\$1.4695	\$1.9985	\$3.1399
Indianapolis, IN	\$1.6817	\$2.2871	\$3.1350	Sioux Falls, SD			\$3.1521
Kansas City, MO	\$1.5225	\$2.0706	\$3.2884	St. Louis, MO	\$1.5082	\$2.0512	\$3.0817
				Wichita, KS	\$1.4425	\$1.9618	\$3.1149

Prices do not include taxes, rebates, or subsidies. GGE = Gasoline Gallon Equivalent price. Prices derived from [www.DTN.com](http://www.DTN.com) and sources deemed reliable. For daily or individual supplier prices call 888 871-1207.

## CNG Cont'd

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up to date. The web site makes it very easy for anyone to update a price on a station just by clicking on it. I also have a great team of moderators that looks through all the updates to make sure that they are in line with historical and regional pricing so we can throw out the fake data.

AFI: Is participation growing?

Participation grows every day, especially as gas prices increase!

AFI: What can you tell us about the CNG driving community?

I love being a part of the CNG driving community. I regularly chat with people when I fill up my car - I can't remember the last time I did that at a regular gasoline station. I've met a lot of great people though this work; people dedicated to alternative driving whether their reasons be environmental, financial or freedom from foreign oil.

AFI: What is the best thing you can tell us about driving a CNG powered car?

A few years ago when gas hit more than \$5.00 a gallon in California, I paid at most \$2.50 per gasoline gallon equivalent. I smile every time I fill up my car!

AFI: Are there any downsides?

Certainly. There are not a lot of CNG stations around, so you need to plan your trips carefully. I've luckily never run out of fuel, but I know that's one of the biggest fears of most CNG drivers.

We invite readers to check out the weekly regional retail CNG averages now found in Alternative Fuels

*(Continued on page 8)*

## AFI's Methanol

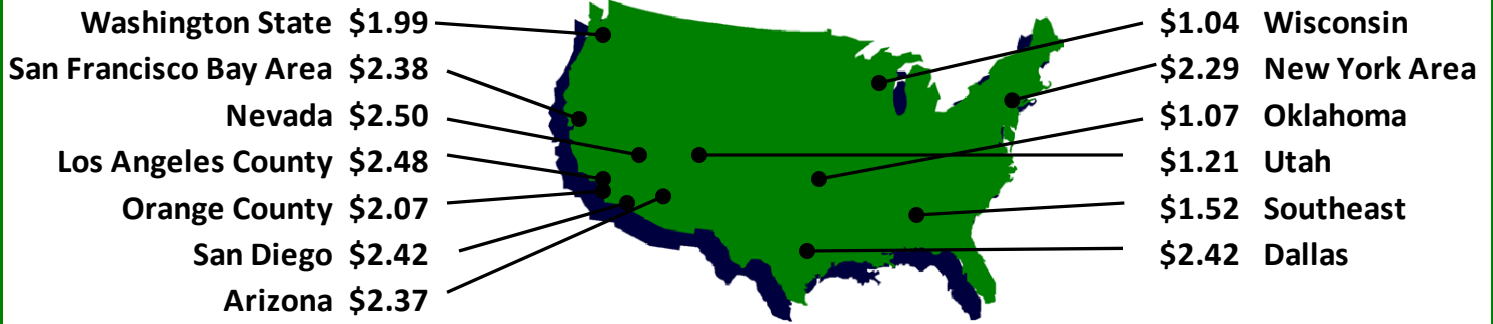
**U.S. Gulf Coast  
Spot Barge  
Price:**

**\$1.3800  
Per Gallon**

**GGE = \$2.7738**

# AFI's CNG Index

National Retail Average: \$1.98



National Ex-Tax Average: \$1.60

Prices represent gasoline gallon equivalent averages at retail filling stations. Ex-Tax average excludes state and federal excise taxes. Prices derived from CNGPrices.com and sources deemed reliable.

## Biofuels Cont'd

(Continued from page 3)

conomic development in rural communities, create skilled jobs for American workers, and help the U.S. lead the way toward a secure energy future."

The main objective of this government-industry partnership is the construction or retrofit of several domestic commercial or pre-commercial scale advanced drop-in biofuel refineries. These facilities will produce drop-in advanced biofuels meeting military specifications, will be located in geographically diverse locations for ready market access, and will have no significant impact on the supply of agricultural commodities for the production of food.

"This is another step by the Obama Administration to give our Nation's development in rural communities, farmers, ranchers and producers of biofuels the financial tools they need to help bring greater energy independence to America," Secretary Vilsack said. "Working with our partners in the Department of

# CNGPrices.com

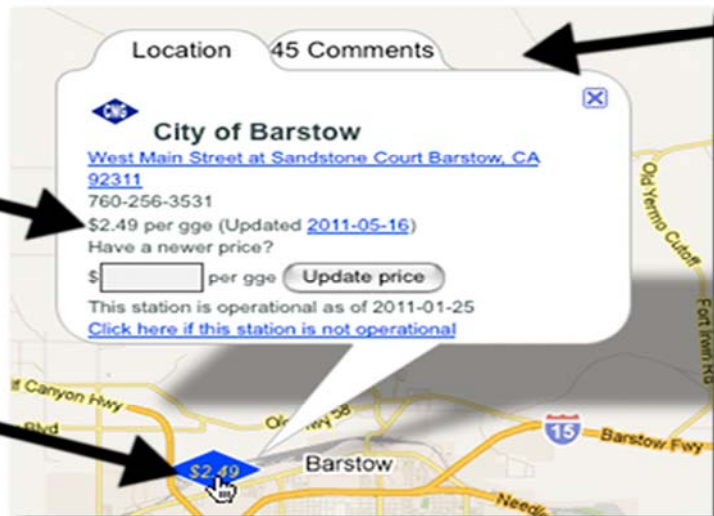
CNGPrices.com is the best source on the web for CNG stations and prices. We have current pricing information for most public CNG stations in the US and Europe. We have historical pricing data back to 2007.

The site is easy to use, but here are some of the main features.

Users can update prices at their local stations. CNGPrices.com also works with several station operators who update their pricing information regularly. This is a free service for station operators.

There is also an address and phone number for most stations. Click on the date to see a graph of past prices.

Click a station to see more information.



Click the comments tab to see or add user comments such as station reliability, or details on a station that is hard to find.

Our sister site, AltFuelPrices.com also has stations and pricing for E85 Ethanol, Biodiesel, LPG and LNG.

## GM Cont'd

*(Continued from page 2)*

more than 120 countries. GM and its strategic partners produce cars and trucks in 30 countries, and sell and service these vehicles through the following brands: Baojun, Buick, Cadillac, Chevrolet, GMC, Daewoo, Holden, Isuzu, Jiefang, Opel, Vauxhall, and Wuling. The global Chevrolet brand celebrates its 100th anniversary in 2011. GM's largest national market is China, followed by the United States, Brazil, the United Kingdom, Germany, Canada, and Italy. GM's OnStar subsidiary is the industry leader in vehicle safety, security and information services. More information on the new General Motors can be found at [www.gm.com](http://www.gm.com).

LG is a leading global business group with business activities focused in the three key areas of Electronics, Chemicals, Telecommunications & Services. As one of the largest conglomerate in Korea LG has a 64-year history since its establishment in 1947. It made a transition into a holding company system in 2003 to improve business transparency and develop its management system. Now LG has 57 subsidiaries such as LG Electronics, LG Chem and LG Display under a single holding company LG Corp. with workforce of 210,000 in more than 80 countries. The consolidated revenue marked about KRW 141 trillion and exports marked USD 52.7 billion in 2010.

## CNG Cont'd

*(Continued from page 6)*

Index. For more detailed information, visit [www.CNGPrices.com](http://www.CNGPrices.com) for daily updates and individual stations prices. If you are interested in furthering the cause, you can also become a price spotter for CNGPrices.com and input prices from your particular area. Contact the [cnprices.com](mailto:cnprices.com) webmaster at [webmaster@cnprices.com](mailto:webmaster@cnprices.com).

## Biofuels Cont'd

*(Continued from page 7)*

Navy, the Department of Energy and the private sector, we are developing the technology and creating the demand necessary to create a new revenue stream in rural America, and produce new, sustainable skilled jobs that cannot be exported."

In June, President Obama signed an Executive Order establishing the first White House Rural Council to build on the Administration's robust economic strategy for rural America and make sure that continued federal investments create maximum benefit for rural Americans. Administration officials have been working to coordinate programs across the government and encourage public-private partnerships to improve economic conditions and create jobs in rural communities.

The RFI was released on behalf of the Secretaries by the Office of the Secretary of Defense Acquisition Technology and Logistics in coordination with the Defense Production Act Title III executive agent Wright-Patterson Air Force Base.

## Alternative Fuel Vehicle Initiative Unveiled

Indiana Lt. Governor Becky Skillman has announced funds are being made available to the public and private sectors to help pay for conversion of fleet vehicles to alternative fuels. The Alternative Fuel Vehicle (AFV) grants will be available to government entities, businesses, school corporations, institutions of higher education, health care facilities and not-for-profit agencies in Indiana.

"These grants are meant to increase our energy efficiency, reduce energy costs and reduce fossil fuel emissions," said Lt. Governor Skillman. "In the process we can create new jobs, and increase productivity, which is all part of healthy economic development."

Grants from \$40,000 to \$500,000 will be available for on-road fleet vehicles only. The funds can be used to cover the cost differential between the cost of purchasing an alternative energy vehicle rather than a traditional fuel vehicle. It can also be used to defray the cost of retrofitting an existing vehicle. Infrastructure costs are not eligible in this grant program.

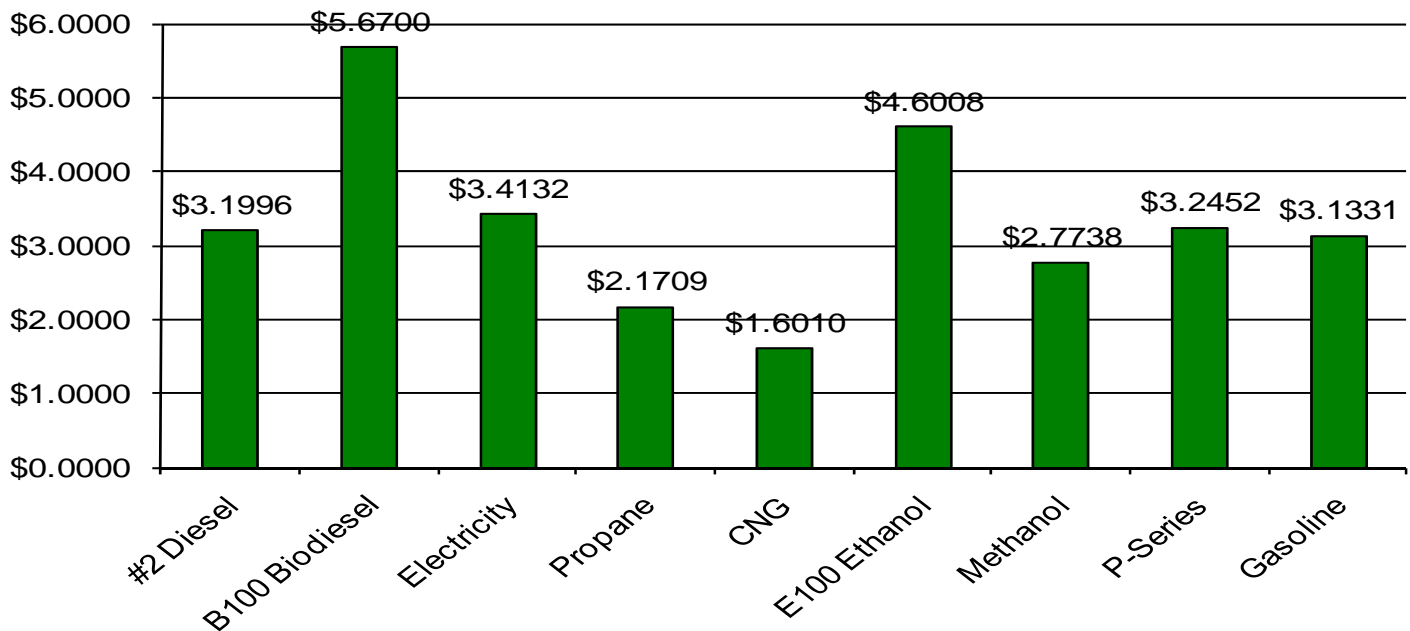
# AFI's National Roundup

# NYMEX Futures

	Price	BTUs	Price	#2 Diesel
<b>Biodiesel -</b>	\$5.6700	\$0.4368	\$5.6700	\$3.1996
		<b>Price per</b>	<b>Gasoline</b>	
		<b>10000</b>	<b>Equivalent 87 Octane</b>	
	<b>Price</b>	<b>BTUs</b>	<b>Price</b>	<b>Gasoline</b>
<b>Electricity -</b>	\$0.1018	\$0.2994	\$3.4132	\$3.1331
<b>Propane -</b>	\$1.5947	\$0.1887	\$2.1709	\$3.1331
<b>CNG -</b>	\$1.6010	\$0.1392	\$1.6010	\$3.1331
<b>Ethanol -</b>	\$3.0672	\$0.4030	\$4.6008	\$3.1331
<b>Methanol -</b>	\$1.3800	\$0.2430	\$2.7738	\$3.1331
<b>P-Series -</b>	\$2.6935	\$0.2844	\$3.2452	\$3.1331

	Crude Oil	
<b>Current:</b>	\$89.34	<b>Oct</b>
<b>Week Ago</b>	\$88.81	
<b>Change:</b>	\$0.53	0.60%
	<b>Heating Oil</b>	
<b>Current:</b>	\$3.0756	<b>Oct</b>
<b>Week Ago</b>	\$3.0782	
<b>Change:</b>	(\$0.0026)	-0.08%
	<b>Unl. Gasoline</b>	
<b>Current:</b>	\$2.9080	<b>Oct</b>
<b>Week Ago</b>	\$3.0320	
<b>Change:</b>	(\$0.1240)	-4.09%

## Diesel/Gasoline Gallon Equivalent Average Prices



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