

What if you knew of a 100-year supply of a reliable clean-burning energy source right here in America? What if that fuel could heat homes and businesses, fuel trucks and buses, generate electricity, power industrial production, reduce greenhouse gas emissions, and act as a key building block for manufactured products and agricultural needs? Would you support its use?

Go to EnergyCitizens.org.

Natural Gas is America's new energy frontier.



The new frontier of America's energy future is brought to you by America's oil and natural gas industry, the pioneers of modern energy.

New technologies creating new energy. Technological innovation has opened the door to abundant new energy resources in the U.S. We now have over a 100-year supply of clean-burning natural gas that we didn't know about just a few years ago.

- ❖ **Hydraulic fracturing** helps us reach new sources of natural gas. It's been used safely for more than 60 years in over a million wells to extract oil and natural gas by creating fissures in deep underground shale or tight sandstone formations allowing the oil and natural gas to flow. This technology combined with horizontal drilling has made available vast new supplies of natural gas.

- ❖ **Deepwater operations** are part of the new frontier. Thirty years ago companies were pushing to drill in 5,000 feet of water. Now, drill ships in the Gulf of Mexico operate in as much as 10,000 feet of water – *almost two miles below the surface* – and can drill to depths of as much as 30,000 feet below the seafloor to access natural gas and oil.

Creating new jobs and wealth. The natural gas industry supports nearly 3 million jobs and adds about \$385 billion to the national economy. And this is just the beginning. From the natural gas found in both coalbed formations and in deep sandstone throughout the Mountain West, to the shale gas formations along the Northeast's Appalachian Basin, to the deep water of the Gulf of Mexico, to the vast potential of the Arctic and other offshore resources, we have enough natural gas to keep America going strong into the next century.

Transforming how we use energy. Abundant, clean-burning, domestic, reliable supplies of natural gas support more affordable and more stable prices. Energy-intensive manufacturing companies which had been moving overseas for cheaper energy can stay home. There will be more natural gas to power electric plants and bus and truck fleets.

Changing the vision of our energy future. More U.S. natural gas increases our energy security, creates jobs and reduces imports for a better future for all Americans.



AMERICAN PETROLEUM INSTITUTE

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Natural gas is
**creating
 American
 jobs and
 wealth.**

	Natural Gas Jobs* (Annual Average)		Economic Impact (Value Added)	
	Amount	% of State Total	\$Million	% of State Total
Alabama	21,307	1.1%	4,775	2.8%
Alaska	5,824	1.8%	878	1.8%
Arizona	12,875	0.5%	3,053	1.2%
Arkansas	29,806	2.5%	5,568	5.6%
California	255,214	1.7%	36,673	2.0%
Colorado	137,726	5.9%	18,309	7.3%
Connecticut	7,371	0.4%	1,758	0.8%
Delaware	449	0.1%	129	0.2%
Florida	15,454	0.2%	4,115	0.6%
Georgia	11,224	0.3%	2,764	0.7%
Hawaii	0	0.0%	0	0.0%
Idaho	3,272	0.5%	895	1.7%
Illinois	45,790	0.8%	6,412	1.0%
Indiana	17,148	0.6%	3,947	1.5%
Iowa	3,600	0.2%	1,057	0.8%
Kansas	20,759	1.5%	4,300	3.5%
Kentucky	14,389	0.8%	3,829	2.4%
Louisiana	266,591	13.7%	24,471	11.0%
Maine	571	0.1%	169	0.3%
Maryland	7,718	0.3%	1,587	0.6%
Massachusetts	14,932	0.5%	3,607	1.0%
Michigan	23,067	0.6%	5,762	1.5%
Minnesota	10,524	0.4%	2,748	1.0%
Mississippi	27,385	2.4%	3,129	3.4%
Missouri	12,904	0.5%	3,857	1.6%
Montana	6,435	1.4%	1,049	2.9%
Nebraska	9,567	1.0%	1,205	1.4%
Nevada	8,321	0.7%	2,168	1.6%
New Hampshire	873	0.1%	271	0.5%
New Jersey	25,831	0.6%	5,516	1.2%
New Mexico	46,062	5.4%	7,445	9.3%
New York	36,647	0.4%	8,352	0.7%
North Carolina	11,632	0.3%	2,874	0.7%
North Dakota	3,738	1.0%	461	1.5%
Ohio	40,374	0.8%	10,190	2.2%
Oklahoma	174,519	10.9%	24,339	16.6%
Oregon	6,915	0.4%	1,845	1.1%
Pennsylvania	53,554	0.9%	12,932	2.3%
Rhode Island	2,126	0.4%	431	0.9%
South Carolina	3,712	0.2%	1,239	0.8%
South Dakota	1,742	0.4%	446	1.2%
Tennessee	11,905	0.4%	3,571	1.4%
Texas	1,269,130	12.0%	132,608	10.8%
Utah	39,236	3.1%	5,374	4.9%
Vermont	267	0.1%	82	0.3%
Virginia	15,045	0.4%	3,939	1.0%
Washington	11,214	0.4%	2,340	0.7%
West Virginia	15,582	2.0%	2,985	4.8%
Wisconsin	5,723	0.2%	1,235	0.5%
Wyoming	62,306	20.9%	8,045	22.7%
U.S. Total	2,828,352	2.1%	384,735	2.7%

*Estimated direct, indirect, and induced jobs created by natural gas production, delivery and usage in 2008.

Source: IHS Global Insight, "The Contributions of the Natural Gas Industry to the U.S. National and State Economies," September 2009.



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