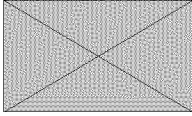


To: Hupp, Millan[hupp.millan@epa.gov]
From: Jack Gerard, API
Sent: Wed 9/20/2017 1:27:52 PM
Subject: Natural Gas Brings Reliability, Affordability to Electric Grid

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September 20, 2017

Dear Millan,

Natural gas is now the leading source of power generation in the United States, and increased use of the clean, abundant fuel source has delivered [significant environmental and consumer benefits](#). Greater use of natural gas has helped lower [carbon emissions from electricity generation](#) to near 30-year lows. According to EIA data, 60 percent of carbon reductions in the electric power sector from 2005 to 2016 have been the result of fuel switching from higher emission generation to natural gas generation. For families and businesses, that [cleaner air](#) has been accompanied by welcome savings. The average American household saved \$1337 on utility bills and energy-related expenses in 2015 thanks, in part, to the affordability of natural gas.

The United States leads the world in natural gas production, and the resource's ready availability has made it [an appealing and economical choice](#) for energy providers. In addition to its economic benefits, power plants that run on natural gas rank highly on another attribute valued for electric generation: reliability. [Reliability means the continued operation of the electric grid](#)—and how we ensure this reliability is changing as new innovations and technologies come online. As our energy system changes and our grid becomes more dynamic and responsive, reliability depends more and more on power plants that can meet these shifts—and natural gas is part of the solution. Power plants that run on natural gas are unique in that they give us both constantly running power and can quickly adjust to efficiently meet the changing power needs throughout the day. Flexibility and other reliability attributes help ensure that customers are paying for efficient, responsive, affordable and cleaner energy.

As a fuel source, gas [delivers across the board](#). The geographic diversity of the natural gas supply system provides for multiple flows in all directions across the country, helping to mitigate disruptions, such as construction and maintenance or extreme weather events. Hurricane Harvey is a prime example. While natural gas systems were shut down in the Houston area and large parts of the gulf, the [geographic diversity of the natural gas operations](#) kept supplies flowing and prices stable.

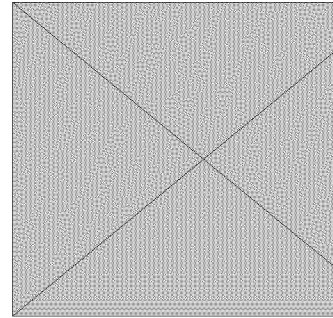
While the power system will continue to rely on [multiple fuels](#) – including natural gas, nuclear, coal, hydro, wind and solar –we can all agree that energy policy should be focused on ensuring the reliability and resilience of the nation's electrical grid. Extensive evidence tells us that natural gas has a major role to play, and allowing markets to determine the fuel mix of the generation portfolio is best for consumers.

Sincerely,

Jack N. Gerard
President & CEO
API

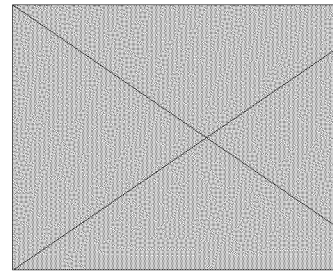
Hurricane Update: Refinery Restarts, Fuel Supplies Rise

Much of the energy-related news from hurricane-recovery areas of Texas and Florida continues to be encouraging. In Florida, Gov. Rick Scott said pre-Hurricane Irma preparations and a concentrated focus on refueling the state's communities have shown progress. In Texas, efforts to protect energy infrastructure from big weather events appear to have helped. [Get the latest news](#) on how the general resiliency of energy infrastructure, and a flexible, adaptable supply system's ability to shift fuel from well-supplied areas to others in the greatest need, has made a difference.



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To stay up-to-date on the latest energy-related news, there is no better place to check than the [Energy Tomorrow Blog](#).



About API:

API is the only national trade association representing all facets of the oil and natural gas industry, which supports 10.3 million U.S. jobs and nearly 8 percent of the U.S. economy. API's more than 625 members include large integrated companies, as well as exploration and production, refining, marketing, pipeline, and marine businesses, and service and supply firms. They provide most of the nation's energy and are backed by a growing grassroots movement of more than 40 million Americans.

To learn more about API and the value of oil and natural gas, please visit [API.org](#).

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