

# NRG Texas Power nears permit for 480-MW P.H. Robinson peaker facility

Texas commission out for comment on project's draft air permit

02/12/2015 by Barry Cassell

The Texas Commission on Environmental Quality said in a Feb. 10 notice that **NRG Texas Power LLC** is close to an approval on an air permit for a power project in Galveston County, Texas, that would have a capacity of up to 480 MW.

NRG Texas Power, a unit of **NRG Energy** (NYSE: NRG), has applied for an initial issuance of a Federal Operating Permit and Acid Rain Permit (known collectively as one permit) to authorize operation of the P.H. Robinson Electric Generating Station. The site is located at 5501 Highway 146 in Bacliff, Galveston County, said the notice.

The TCEQ's executive director has completed the technical review of the application and has made a preliminary decision to prepare a draft permit for public comment and review. The executive director recommends issuance of this draft permit.

Said a supporting permit document: "The P H Robinson Station will utilize six gas turbine-generators (GT) and associated support equipment that will be operated in simple cycle mode to meet peak power demands. Operation is scheduled to begin June 1, 2015. The six gas turbine-generators (PHR1, PHR2, PHR3, PHR4, PHR5, and PHR6) are designed for simple cycle operation. Each of the six units has an ISO rating of 65 MW but can generate up to a nominal 80 MW of power depending upon ambient weather conditions. The exhaust from each GT will be routed directly to the atmosphere at a height of 50ft from grade through a rectangular stack. The turbines will be fired exclusively with natural gas."

## ABOUT THE AUTHOR

### Barry Cassell

Barry Cassell is Chief Analyst for *GenerationHub* covering coal and emission controls issues, projects and policy. He has covered the coal and power generation industry for more than 26 years, beginning in November 2011 at *GenerationHub* and prior to that as editor of SNL Energy's *Coal Report*. He was formerly with *Coal Outlook* for 15 years as the publication's editor and contributing writer, and prior to that he was editor of *Coal & Synfuels Technology* and associate editor of *The Energy Report*. He has a bachelor's degree from Central Michigan University.

Barry can be reached at [barryc@pennwell.com](mailto:barryc@pennwell.com).

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