



Residents and Industries that operate in Texas City are no longer at risk of being without water during a power outage.

Houston, June 26, 2017 – A recent power outage in Texas City threatened Gulf Coast Water Authority (GCWA)’s ability to provide drinking water to the residents of Galveston County and surrounding areas as well as critical water supply to refineries and chemical plants. Enchanted Rock, Ltd. (ERock)’s combined 7.5 MW diesel system, commissioned during 2013 and 2014, carried GCWA’s load at its two water plants during the outage. This was GCWA’s first reliability run and yielded 100% percent electrical availability.

“Gulf Coast Water Authority is a provider of water for industry, agriculture and municipalities in Brazoria, Fort Bend and Galveston County. It is our mission to deliver reliable, cost effective quantities of quality water. Our strategic decision to enter a public-private partnership with ERock furthers this mission. ERock generators covered GCWA’s entire electric load at two water plants that had a loss of utility power on June 1, 2017. Their generators allowed GCWA to seamlessly provide critical water supply to the nearby refineries, chemical plants, and residents of Galveston County. ERock’s team not only allowed us to mitigate a potential loss of millions of dollars by our industrial customers, but allowed us to continue to deliver on our promise to deliver reliable water supplies.” – James E. Vanderwater, P.E., District Engineer

On Demand Electric Reliability

Enchanted Rock, Ltd. (ERock) is a local company that provides an innovative solution for providing electrical power to businesses who depend on electricity 24/7. When power outages occur, businesses are vulnerable to reputational and financial harm. ERock’s system provides protection against loss of power and a financial hedge against rising electricity prices. This is great insurance for different businesses, industries and residents along the Gulf Coast, which is entering peak hurricane season and has historically seen city wide power outages.

ERock’s microgrids like those installed at GCWA allow customers to keep the lights on should an outage occur. Customers pay a small one-time fee for installation of the on-site generators and only pay for backup power when it is needed. The rest of the time, ERock aggregates the generators to provide energy to the electrical grid and earns revenue doing so through the Electric Reliability Council of Texas (ERCOT).



ERock System at Gulf Coast Water Authority Thomas Mackey municipal water plant and the Gulf Coast Water Authority industrial water pumping station in Texas City

Founded by Thomas McAndrew, a mechanical engineer and former Navy Officer in charge of the engine room for a Nimitz Class Aircraft Carrier, and Clark Thompson, an Aerospace Engineer who worked for NASA and has several patents on the International Space Station and the Shuttle Program, the company is a heavyweight on the design and engineering front. The company has been growing organically since 2006 when they saw the benefits of “close to point electrical generation.”

“We pride ourselves on being the most reliable source of backup power for our clients and a power outage like this is a statement to our ability to deliver on our promise.” – Thais Grossi, President of Enchanted Rock Electric, LLC

Gulf Coast Water Authority (GCWA)

Industrial Division Through acquisitions and exchanges, the Industrial Division located in Texas City was acquired by GCWA in 1971. The Industrial Division operates a 900 acre off-channel reservoir, a canal system, and a pump station delivering an average of 60 million gallons of surface water per day to Texas City industries. These industries served include DOW/Union Carbide Corp., Marathon Galveston Bay Refinery, Marathon Petroleum, LLC, Valero Refining Texas LLP, Eastman Chemical Company, and Ashland Specialty Ingredients.



Water Treatment GCWA owns and operates the Thomas S. Mackey Water Treatment Plant located in Texas City. The 50 million gallons per day (MGD) conventional surface water plant serves 13 water utilities in Galveston County. The plant was originally constructed by the City of Texas City in 1978 and acquired by the GCWA in 1983. Those customers include the cities of Texas City, La Marque, Galveston, Hitchcock, League City, GCWCID #1, GCWCID #8, GCWCID #12, GCFWD #6, GCMUD 12, Bacliff MUD, Bayview MUD and San Leon MUD.

About Enchanted Rock

Founded in 2006, Enchanted Rock, Ltd. builds and operates cost effective reliability microgrids that help companies manage physical and financial risk associated with electricity. In 2010 we became the first in Texas to provide utility grade backup power as a service. The company is responsible for the design, project management, installation, and commissioning of 237 MW of distributed generation, including 160 MW of Distributed Power Generation projects and 77 MW of customer reliability systems. The company currently has 118 MWs of customer reliability microgrids under construction. For more information or ERock’s unique reliability service offering, please contact Enchanted Rock at 713-429-4091 or visit the website www.erockhold.com.

Press Contact:

Kevin Barber (kbarber@erockhold.com) 713-628-1118