



Atlanta, GA. | August, 13 2014

Bluewater Energy Solutions Awarded services contract for Compressed Air Energy Storage (CAES) Demonstration Project.

Project located in Stockton, CA and Bluewater Energy Solutions provides design, installation, inspection, testing, commissioning, operations, decommissioning and site management services.

The CAES Demonstration Project will gather valuable data to determine if porous rock formations are capable of supporting compressed air energy storage. If the data proves that porous rock formations can support CAES, then the project owner will consider development of a commercial-scale project with a nominal output capacity of 300 megawatts (MW) –similar to a mid-sized power plant– for up to ten hours. It is estimated that a commercial plant could come on-line in the 2020-2021 timeframe.

The proposed CAES Power Plant, being studied and evaluated by Pacific Gas and Electric Company, would use excess off-peak energy to compress air and inject it into a depleted natural gas reservoir (porous rock formation) and then use the compressed air to power a generator during peak periods when the energy is needed most. This will improve the usability of California's intermittent renewable energy sources.

About Bluewater Energy Solutions

Bluewater Energy is a leading provider of startup and commissioning, plant operations and maintenance support, consulting, industrial cleaning and project management services specializing in gas turbine, coal, biomass and industrial markets. Started in 2003, Bluewater was established by a group of seasoned energy professionals in response to a growing need within the energy industry for a cost effective, safety minded, reliable service group. Our management team is comprised of industry experts who have attained the global experience, knowledge, financial depth and reputation for exceeding our client's expectations. With a wide variety of skill sets and expertise, we can quickly understand your needs and provide innovative solutions.

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For additional information, visit our Website:
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