

Energy Industries Face Threats Over Water

CH2M HILL Experts Help Navigate Client Solutions

Industry experts at CH2M HILL, a global full-service consulting, engineering, procurement, construction, and operations firm, are providing guidance to clients across the oil and gas industry on how to mitigate increasing water-related risks, which pose a potential multi-billion dollar threat.

Economic growth, and industry vibrancy, is becoming increasingly constrained in some parts of the world by the availability of water. In the past few years, some multi-national corporations have lost their license-to-operate or have had to restrict production growth because of the competition for scarce water resources, especially with local communities. This trend is likely to continue as populations increase and impacts from climate change are predicted to decrease water availability even further.

“Mitigation of, and adaptation to, water and climate change impacts will continue to be a major strategic issue in the foreseeable future for the energy sector,” said Jan Dell, CH2M HILL vice president and one of the firm’s oil and gas and sustainability leaders.

Dell added, “The industry is finding that low-carbon sources of energy, improved efficiency in the use of water and other resources, and the capture and storage of carbon will be critical if firms are to maximize their investments. This is especially true in extreme climates like the Middle East and the Arctic.”

CH2M HILL’s Total Water Management approaches and related VOYAGE™ platform capabilities are industry-leading and valuable in the planning of infrastructure development to manage the water cycle for sustainable supplies for people and the environment.

CH2M HILL has been successfully working with clients to help them develop sustainability strategies, conduct greenhouse gas inventories, analyze impact on climate change and develop strategy energy management.

The firm is also helping companies implement those plans through program management, integrated water resource/waste water treatment, carbon capture and storage, construction, facility and process engineering and waste minimization.

Headquartered near Denver, Colo., employee-owned CH2M HILL is a global leader in engineering, procurement, construction, management and operations for government, civil, industrial and energy clients. With \$5.8 billion in revenue and more than 25,000 employees, CH2M HILL is an industry-leading program management, construction management and design firm, as ranked by Engineering News-Record (2008). The firm's work is concentrated in the areas of energy, water, transportation, environmental, nuclear and industrial facilities. The firm has long been recognized as a most-admired company and leading employer, including being named by FORTUNE as one of the 100 Best Companies to Work For and one of America's Most Admired Companies (2008). Visit www.ch2mhill.com.

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