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Clark·Reliance

NEWS and TRENDS for the POWER GENERATION and PROCESSING INDUSTRIES

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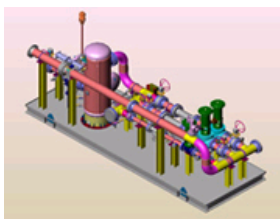
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JUNE 2009

Fieldbus Compatibility

Jerguson Magnetostrictive Transmitter Provides High Level Sensor Output with Fieldbus Compatibility

The Jerguson Division of Clark-Reliance Corporation now offers the Model MTII 4200 Magnetostrictive Transmitter, a loop-powered continuous output transmitter for direct in-tank applications. The MTII 4200 is designed for high level sensing in batching tanks, inorganic chemicals, fuels and solvents, industrial organic chemicals, detergents and soaps and general process control.

The modular sensor and electronics design of the MTII 4200 can easily mount to the Jerguson Magnicator II liquid level gage without removing the vessel from service. The MTII 4200—with sensing lengths from 6 inches to 20 feet—can be mounted in chamber or top-mounted and requires no stilling tube or displacement chamber.

LCD display, window cover and 4-20 mA loop-powered transmitter with Hart[®] protocol are standard. The MTII 4200 is compatible with Foundation Fieldbus, an all-digital, serial, two-way communication system that serves as the base-level network in a plant or factory environment. [See the spec sheet on the MTII 4200 here.](#)

Nuclear Expansion Going Global

Power Engineering June 1, 2009

The world is busy building nuclear power plants. In Russia, the World Nuclear Organization reports that six large reactors are under construction and due for completion by 2012, one being a large fast-neutron reactor. A small floating nuclear power plant could be also be operational by 2012.

In Japan, a 1,373 MW advanced boiling water reactor (ABWR) is being built, with an estimated start date of December 2011. India has six reactors under construction, while Pakistan has a 300 MW PWR under construction, twin to an existing plant, which should be grid-connected by 2011.

Trinidad Eyes Gas Pipeline Extension to Barbados

Oil and Gas Journal June 2009

Even as it proceeds with plans to spend upwards of \$155 million to construct a natural gas pipeline to its sister island of Tobago, Trinidad says it is still considering an extension of the line onward to Barbados.

The pipeline from Trinidad to Tobago is due for startup by first-quarter 2011, according to Arnold De Four, vice-president for commercial services of Trinidad and Tobago's National Gas Co. (NGC).

Study: U.S. Public Power was Financially Sound in 2008

Electric Light & Power June 11, 2009

In its annual U.S. Public Power Peer Study, Fitch Ratings says the public power sector remained financially sound through fiscal year 2008 despite the economic downturn.

Public power utilities continue to look to implement long-term capital expansion programs driven by continued load growth, the need to replace aging infrastructure and increasing environmental compliance goals.

[Canada Moves to Rebalance Its Energy Portfolio](#)

Power Magazine June 1, 2009

Though Canada is rich in fossil fuels, nuclear power may fuel a significant portion of the nation's future electrical generation needs, especially in provinces that have traditionally relied on hydropower and fossil fuels

Given its ample natural gas reserves, a rapid short-term increase in construction of natural gas – fired combined-cycle plants is already under way to bring down carbon emissions and replace coal-fired baseload generation. In the longer term, new nuclear plants will likely supply the balance of power.

[TransCanada, ExxonMobil join forces on Alaska gas pipeline](#)

Oil & Gas Journal June 12, 2009

TransCanada Corp. and ExxonMobil Corp. will work on TransCanada's Alaska Pipeline Project natural gas pipeline. Tony Palmer, TransCanada vice-president of Alaska development, said the two companies will now jointly advance all aspects of the projects: technical, financial, and regulatory.

TransCanada Alaska Co. LLC and Foothills Pipe Lines Ltd. submitted an application in November 2007 under AGIA to build a 1,700-mile, 48-in. OD natural gas pipeline with 4.5 bcf/d capacity to Alberta from a new natural gas treatment plant on Alaska's North Slope. TransCanada and ExxonMobil will increase preopen season spending on the project to \$150 million from a previously budgeted \$83 million. The companies anticipate a late-2018 startup.

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