



CoaLogix Expands Environmental Services for Coal Power

CoaLogix and FLSmidth form alliance to combat acid rain and mercury emissions

CHARLOTTE, N.C., February 8, 2010 – CoaLogix Inc. announced today that its subsidiary CoaLogix Tech LLC has signed an agreement with FLSmidth to provide SO₃ and mercury remediation technologies to the coal fired power generation market. With this agreement, CoaLogix Tech becomes the exclusive partner for selling and executing FLSmidth's leading SO₃ reduction technology into the power generation market. In addition to marketing existing lines, CoaLogix Tech and FLSmidth will jointly design standardized products, which will be marketed to energy producers by the CoaLogix Tech sales force. The agreement also brings FLSmidth's existing technology for mercury remediation to CoaLogix Tech.

With 128 years of experience, FLSmidth is the leading supplier of equipment and services to the cement and minerals industries, which face similar emissions challenges to energy production facilities. The partnering companies' combined SO₃, nitrogen oxide and mercury remediation technologies are already installed in plants generating over 60,000MW of coal fired generation, which represents about 25 percent of the coal generation market in the United States.

In the process of burning coal, the sulfur in the coal is converted into SO₂ and SO₃. SO₂ is captured by environmental systems in the plant while SO₃ tends to be emitted into the environment contributing to acid rain. This is a very large and growing issue with plants in the US because of the need to burn lower cost and higher sulfur coals. Mercury from coal fired plants is not yet regulated at the federal level. The Clean Air Mercury Rule (CAMR) was vacated in 2009 and new regulations are expected within the next year.

The extensive know-how developed by FLSmidth effects reduction in emissions via the reliable and discrete delivery of dry sorbents in power plants. FLSmidth products already mitigate SO₃ in generating units producing over 16,000MW of power, in addition to a number of mercury reduction units.

CoaLogix's SCR technology has regenerated over 18,000 SCR catalyst modules that mitigate nitrogen oxide (NO_x) emissions in units generating 33,000 MW of power in the United States. "With this partnership, CoaLogix is attacking SO₃ and mercury in a holistic manner, combining SCR, dry sorbent injection and combustion management strategies," said Bill McMahon, CEO of CoaLogix. "Our new SO₃Assure offering will effectively mitigate both NO_x and SO₃ emissions. Our clients will benefit from lower capital expenditures longer component lives, fewer forced outages, better heat rates, fuel savings and lower CO₂ emissions. The technology, equipment and personnel at FLSmidth are unparalleled in the industry and we are proud to be allied with them to support our customers."

"FLSmidth is very excited to be teaming with CoaLogix Tech to help offer innovative solutions to the market for SO₃ and mercury reduction," said Bernard Zavatone, General Manager of FLSmidth's Pneumatic Transport department. "Joining CoaLogix's SCR and power plant



emissions experience with FLSmidth's sorbent injection technology creates a unique offering, where end users can have one-stop shopping for SCR optimization as well as NO_x and SO₃ control. We have been impressed with CoaLogix's focus on providing total service to their customers and we look forward to working alongside their experienced team."

CoaLogix provides innovative solutions for clean energy production, with a focus specifically on cost-effective emissions control strategies for the coal and gas fired power generation industry. CoaLogix is a leader in SCR catalyst regeneration, a technology used by power plants to reduce nitrous oxide (NO_x) and affect SO₃ emissions. CoaLogix's NO_xAssure program is an innovative, quick response service to provide power generating utilities SCR catalyst at lower cost and faster turnaround times. SCR-Tech LLC, a CoaLogix company, applies the latest technologies to improve performance characteristics and extend the life of DeNO_x catalyst. With 20,000MW of managed SCR's and 33,000MW of regenerated DeNO_x catalyst SCR Tech has emerged as the power generation industry trusted advisor.

About CoaLogix

CoaLogix is focused on providing innovative services to coal-fired generating facilities to reduce their environmental footprint through technology, optimization and efficiency improvements. CoaLogix owns SCR-Tech, LLC which is a leading provider of selective catalytic reduction (SCR) management services and catalyst regeneration technologies used by coal-fired power plants to reduce nitrogen oxides (NO_x) emissions. Currently, coal-fired power plants contain approximately \$1 billion of catalyst in their SCR systems. CoaLogix integrates leading-edge technologies, a highly skilled workforce, and more than 160 years of combined senior management experience in the environmental and power generation industries to provide innovative, cost-effective solutions that help our customers achieve and maintain compliance with increasingly stringent environmental regulations. CoaLogix's major investors are Acorn Energy, Inc. and EnerTech Capital.

About Acorn Energy

Acorn Energy, Inc. (NASDAQ: ACFN) is a publicly-traded holding company with equity interests in CoaLogix, Coreworx, DSIT and Gridsense. These companies leverage advanced technologies to transform and upgrade the energy infrastructure around the world. Acorn companies are focused on three problems in the energy sector: improving the efficiency of the energy grid, reducing the risk for owners of large energy assets, and reducing the environmental impact of the energy sector. Acorn's strategy is to take primarily controlling positions in companies led by great entrepreneurs. For more information visit, <http://www.acornenergy.com>.

About EnerTech Capital

EnerTech Capital is a pioneer in the CleanTech space and has been successfully investing in energy and clean energy technology companies since 1996. The Firm brings a practical, proven and seasoned approach to its investment activities while focusing early on to expansion stage opportunities that dramatically improve the profitability of producing, transporting/transmitting or consuming fuels/power. EnerTech is located in Philadelphia and Toronto. For more information visit, www.enertechcapital.com.



About FLSmidth

FLSmidth & Co. A/S is the leading supplier of complete plants, equipment, and spare parts as well as services and know-how to global industrial markets. FLSmidth & Co. A/S is listed on Nasdaq OMX Copenhagen and may be described as a project- and service-focused international engineering company with a unique global market position generating an annual turnover of EUR 3.391 billion (2008). To maintain this leading position, we invest massively in technological innovation, R&D and training of our 10,900 employees worldwide. With offices in more than 40 countries FLSmidth has unique international relations. It is FLSmidth & Co.'s vision to continuously strengthen its position as the preferred partner and leading supplier of equipment and services to global industrial markets. FLSmidth & Co. continuously strives to generate a profitable return for its owners through value creating growth. Alliances and acquisitions contribute to strengthening the market position. Visit our website www.flsmidth.com for further information about our job opportunities, business and services.

Safe Harbor Statement

This press release includes forward-looking statements, which are subject to risks and uncertainties. These risks and uncertainties include competition in the market for catalyst and regeneration and possible adverse changes in governmental regulations affecting utilities' need for catalyst. For disclosure of additional risks and uncertainties which may affect CoaLogix's business and prospects and Acorn Energy, Inc.'s business generally, see the information under "Risk Factors" in Acorn Energy's most recent Quarterly Report on Form 10-Q and Annual Report on Form 10-K as filed with the Securities and Exchange Commission.

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