

Medicine Bow Fuel & Power LLC selects Davy Process Technology and Johnson Matthey Catalysts to supply Methanol Technology for a 6260 short ton per day Plant in Wyoming

London, 10 January 2008

Davy Process Technology and Johnson Matthey Catalysts, both part of the Process Technologies Business of Johnson Matthey Plc, are pleased to announce they have entered into contracts with Medicine Bow Fuel & Power LLC, a wholly owned subsidiary of DKRW Advanced Fuels LLC, for the supply of a methanol technology licence and basic engineering design of the plant.

The Medicine Bow Project is proposed to be a greenfield, mine-mouth, industrial gasification facility producing methanol and gasoline in Carbon County, Wyoming, USA. The project will use Carbon Basin coal via intermediate methanol to produce gasoline that meets critical energy needs in an environmentally responsible manner.

The advanced methanol synthesis technology that is to be used by the plant has been chosen from an extensive portfolio of syngas and methanol synthesis processes developed and marketed by Davy Process Technology and Johnson Matthey Catalysts for use in gas and coal to chemicals plants.

Davy Process Technology has a global business in chemicals technology development and technology licensing. The company has its headquarters in London and has a Technology Centre in Stockton-on-Tees, UK. It owns a range of proprietary process technologies such as Methanol, Fischer Tropsch, SNG, Butanediol, Detergent Alcohols, Oxo Alcohols, Industrial Amines and Ethyl Acetate.

As a supplier of both precious and base metal catalysts, **Johnson Matthey Catalysts** offers products for a diverse range of industries: from fuel cells and environmental catalysts to petrochemicals, edible oils and specialist oil and gas purification. In addition Johnson Matthey also supplies a full range of catalysts for synthesis gas (syngas) and methanol and is able to custom manufacture Fischer-Tropsch catalysts.

DKRW Advanced Fuels is a development-stage hydrocarbon conversion company focused on the commercial development, construction, ownership and operation of facilities designed to convert lower-value hydrocarbons into products that traditionally have been produced by crude oil. By utilizing proven coal gasification and liquefaction technologies, they plan to convert more abundant resources, primarily solid hydrocarbons such as coal, into competitively priced products such as gasoline and diesel. Arch Coal (NYSE: ACI) is also a shareholder in Advanced Fuels.

For further information, visit our websites at www.jmccatalysts.com,
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