



National Cooperative Refinery Association Awards KBC a Planning Consulting Contract Complete with Associated Simulation Software Licensing

London, UK and Houston, TX, USA – (November 03, 2008) KBC Advanced Technologies, Inc. (KBC) announces that National Cooperative Refinery Association (NCRA) has awarded the company a contract to redesign and enhance the Linear Program (LP) model of NCRA's McPherson, Kansas refinery.

As part of this contract, KBC will utilize Best Practice industry standards to improve the data, structure, accuracy, and methodologies of an enhanced LP to allow development of improved refinery operating plans for the site. The KBC SIM Suite of kinetic reactor models running in a Petro-SIM flowsheet will be used to create accurate representations of the refinery's units as part of the project. The Petro-SIM LPU (LP Utility) will be configured for each crude distillation unit and processing reactor unit to generate accurate, consistent operating yield and property data for direct entry into the NCRA LP model.

NCRA will also execute a multi-year license with KBC for the same simulation software tools, which are expected to make continuing optimization and improvement of the facility possible in the future. Included in the licensing is Petro-SIM, the KBC proprietary flowsheeting tool, plus the FCC-SIM (fluid catalytic cracking), HCR-SIM (hydrocracking), DC-SIM (delayed coking), and D HTR-SIM (distillate hydrotreating) unit models.

"In today's competitive environment, it is important to have an LP model that can produce truly optimum crude, operating, and production decisions," commented George Bright, KBC CEO. "Not only will NCRA have the best possible LP model for their planning optimization activity, NCRA's LP model maintenance man-hours will be significantly minimized through their use of the automatic LP model updating solution within Petro-SIM."

About NCRA:

National Cooperative Refinery Association (NCRA) provides three farm supply cooperatives (CHS, GROWMARK, and MFA Oil) with fuel through its oil refinery in Kansas. The refinery's production capacity is about 85,000 barrels per day. Fuel from the refinery is allocated to member/owners on the basis of ownership percentages. In addition to the refinery, NCRA owns Jayhawk Pipeline, minority interests in two other pipeline companies, and an underground oil storage facility. CHS owns 74% of the cooperative; GROWMARK and MFA own the rest.

About KBC:

KBC Advanced Technologies, a leading independent consulting, process engineering and software group, delivers improved operating performance to the oil refining, petrochemical, and other process industries worldwide. We provide process consulting, strategic planning advice, energy price forecasting and market analysis, economic studies, capital project services, and training to help clients achieve their business objectives and improve their competitive position. Our human performance improvement division provides organizational effectiveness services, training programs, operations manuals, and personnel development services. KBC consultants recommend changes for material and measurable improvements in profitability. To assist clients in realizing such improvements, KBC provides implementation services and software solutions, including the KBC SIM models and Petro-SIM™ for process optimization and our energy optimization software packages. Formed in 1979, KBC has offices in the UK, USA, Canada, Singapore, the Netherlands, the Russian Federation, China, and Japan. For more information, visit www.kbcat.com.



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