



News Release

For Immediate Release

September 16, 2013

HTC CO₂ Systems Corp. Selected to Build a CO₂ Capture Plant

REGINA, SASK.- HTC CO₂ Systems Corp., ("HTC") today announced that its new **LCDesign™** CO₂ capture technology has been selected to be incorporated in a new CO₂ capture unit, which is scheduled to be built at Husky Energy's Pikes Peak South heavy oil facility, located in west-central Saskatchewan, Canada. HTC has also been named as the general contractor with regard to construction of the CO₂ capture unit.

HTC's **LCDesign™** CO₂ capture unit is designed to process 50% of the flue gas from a 50 million BTU per hour natural gas fired, Once Through Steam Generator ("OTSG") boiler located at the Pikes Peak South facility, near Lashburn. The CO₂ will be utilized to increase heavy oil production through enhanced oil recovery techniques. The advanced HTC **LCDesign™** incorporates CO₂ capture technology that reduces energy usage, lowers environmental emissions/effluents, and improves the quality of CO₂ product captured.

The project will also incorporate HTC's proprietary and patented **SRS Solvent Reclaimer System™**. The **SRS** System has been designed to remove the impurities from mixed and formulated solvents used to capture CO₂ and in turn reduces solvent replacement requirements, lowers energy costs, minimizes plant maintenance and reduces waste disposal.

Jeff Allison, Senior Vice President of HTC commented, "OTSG's are the work horse and backbone of heavy oil enhanced production through cyclic/incremental steam or Steam Assisted Gravity Drainage ("SAGD") production processes. These steam boilers are also utilized for producing steam for the in-situ production of oil sands bitumen. Capturing CO₂ for commercial application and emissions reduction purposes on the many hundreds of OTSG boilers currently operating in Western Canada represents a significant future business opportunity. HTC is anxious to showcase how our commercially viable, cost effect solution for capturing CO₂ and increasing heavy oil production can meet the challenge."

Husky is receiving some funding for this project from the Climate Change and Emissions Management (CCEMC) Corporation. The CCEMC is an Alberta-based not-for-profit corporation that operates independently of government. It provides ongoing, dedicated funds to support the discovery, development and deployment of innovative technology that will help reduce greenhouse gas emissions.

About HTC CO₂ Systems Corp.

HTC CO₂ Systems Corp. is a subsidiary company of HTC Pureenergy Inc. (TSXV- HTC)

HTC CO₂ Systems Corp. specializes in providing products and services to meet the growing demand for 'CO₂ Source, Supply and Use' in the world's energy industries. The Company's commercial focus is the capture, supply and management of CO₂ in:

- Enhanced oil recovery
- Heavy oil production utilizing cyclic steam, and SAGD
- Production of steam for insitu oil sands bitumen extraction
- Natural gas CO₂ cleanup projects
- CO₂ Fracking
- Other CO₂ industrial applications.

HTC CO₂ Systems is dedicated to the efficient improvement and cost reduction of CO₂ capture and delivery through the implementation of the best commercial technologies, solutions and services.

Based in Calgary, Alberta and Regina Saskatchewan Canada, HTC CO₂ Systems offers a team of skilled professionals with CO₂ capture & gas processing, product development, marketing, project development and engineering experience.

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*HTC Pureenergy corporate developments can be followed on www.htcenergy.com and is traded under the symbol **HTC***

Information on HTC CO₂ Systems can be found at www.htcCO2systems.com