

## NEWS RELEASE

### **MARSULEX ENVIRONMENTAL TECHNOLOGIES ANNOUNCES COMMERCIAL OPERATION OF AMMONIUM SULFATE FGD PROJECT IN CHINA**

**Lebanon, Pennsylvania, November 5, 2009** – Marsulex Environmental Technologies Corporation (MET) announced today that the two flue gas desulfurization (FGD) absorber systems supplied to the refinery power boilers at Qilu Petrochemical Company, a subsidiary of China Petrochemical Company (SINOPEC Assets Management Corporation) were recently placed into full commercial operation. This project is the first application of MET's proprietary and patented ammonium sulfate wet FGD process (AS-FGD) outside of North America and was supplied by MET licensee Wuhan Kaidi Electric Power Environmental Company, Ltd. (Kaidi).

The Qilu systems, located in Shandong Province, were put into service in July (FGD #2) and September (FGD #1) of 2009 and are awaiting their mandated 168 hour availability test. The AS-FGD systems treat gas from four 100 megawatt power boilers that burn coal having approximately 2% sulfur content. The AS-FGD systems remove in excess of 98% of the flue gas SO<sub>2</sub> and will produce more than 100,000 metric tons per year of AS crop fertilizer.

According to MET President, Robert Cardell, "The successful start-up and operation of the Qilu project marks an important milestone in the global expansion of MET's proprietary AS-FGD technology and also demonstrates the important and good working relationship that MET has with Kaidi."

MET's AS-FGD process utilizes either aqueous or anhydrous ammonia as the absorption reagent to remove sulfur dioxide (SO<sub>2</sub>) while generating high quality, commercial grade ammonium sulfate (AS) as a by-product. AS is a valuable crop fertilizer due to its nitrogen and sulfur components, and the MET process is producing AS with purity in excess of 99% at the Qilu project. The MET AS-FGD has been successfully demonstrated on a commercial, full-scale basis since the first such system was placed in service at Dakota Gasification (350 MWe) in the mid 1990's. A second such AS-FGD was placed into commercial operation in Alberta, Canada (315 MWe) in 2006 and has been scrubbing flue gas and producing salable AS fertilizer to design since.

MET is a world leading provider of FGD technology, with over 85,000 megawatts of power generation capacity installed in 22 countries using MET FGD designs. In addition to the AS-

FGD technology, MET's products portfolio includes FGD systems using conventional limestone, lime and sodium-based reagents, as well as upgrades of existing FGD systems, regardless of original OEM, and ancillary consulting and aftermarket services.

MET is a subsidiary of Marsulex Inc., a Toronto-based public company with shares listed on the Toronto Stock Exchange, trading under the symbol MLX. MET's website is [www.met-apc.com](http://www.met-apc.com) where additional information regarding all of MET's technologies and services can be found.

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