

## OTTERTAIL Replaces Hybrid ESP/FF with PJFF

Buell APC, division of FKB Group, was awarded an \$8 million contract from Otter Tail Power Company for conversion of their Big Stone plant, Unit #1, electrostatic precipitator (ESP) to pulse jet fabric filter.

The South Dakota Big Stone Unit #1 is a 460 MW cyclone -fired boiler, burning sub-bituminous coal. Due to ESP performance problems caused by high resistivity ash, the ESP was previously converted, in the Fall of 2002, to an Advanced Hybrid Particulate Collector (AHPC), a new technology combining pulse jet fabric filter and ESP technology.

Buell APC's scope of supply includes engineering, material and technical advisory services during installation by others to convert the ESP to an intermediate pressure, long bag pulse jet, utilizing over 16,000 25 -foot long bags, plus addition partition walls in each chamber for off -line cleaning capacity.

For further information:

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