



EtherMeter™ Provides Error-Free Totalization and Flow Information to Water Treatment Plant SCADA System

31 December 2008 — At the new Gateway Water Treatment Plant and Distribution System in Sandoval (IL), EtherMeters™ were mated to each of the major meters within the Treatment Plant, Raw Intake Pumping Station, and Distribution Grid.

As a result, Gateway's SCADA System is able to interrogate each meter in real time using the MODBUS® protocol, and thereby provide operations personnel with a computerized display of each meter's exact totalization and flow.

In this application, all meters were Sensus Turbines, Propellers, and Compounds outfitted with ICE® registers. Because each EtherMeter™ reads an encoded signal from the meter, the totalizations displayed on the Plant's SCADA System are guaranteed to match the those displayed on the registers.



**Gateway Water Treatment Plant (Sandoval, IL).
Raw Water Meter: 10 Inch Sensus Turbine Outfitted With An ICE Register.
The EtherMeter™ in the background is communicating with the Plant's SCADA System
via an RS-485 multi-drop MODBUS®/RTU network.**

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