

KC Electric Finalizing Installation of Sensus FlexNet Advanced Utility Communication Network with iCon-A and APX Electric Meters

Rural Colorado electric cooperative implements licensed spectrum technology for increased reliability and extended system range

RALEIGH, N.C. (October 31, 2012) – [KC Electric Association, Inc.](#) will soon finalize installation of a Sensus [FlexNet™ Utility Network](#) and [iCon® A electric meters](#) to serve about 4,000 residential and small commercial members across an estimated 5,000-square-mile territory in rural Colorado. KC Electric is also installing about 2,200 Sensus [iCon APX electric meters](#) for commercial and irrigation members.

The deployment, which began in fall 2011, is scheduled to be completed at the end of this year and includes four base stations. KC Electric chose to install the FlexNet point-to-multipoint network, which is based on open standards, in order to overcome problems including line interference and the maintenance with mesh and power line carrier systems. The Sensus equipment will replace analog meters, which were read manually by customers or utility personnel.

“We average about two consumers per mile, so we needed a system that would be reliable, given our lack of density, and help cut the time and cost associated with meter reading,” said KC Electric General Manager Timothy J. Power. “The Sensus technology has excellent range, communicating more than 40 miles from meter to tower in some areas.”

With approximately 45 percent of its load comprised of irrigation, KC Electric plans for the Sensus system to serve as the foundation for its plans to eventually implement an online portal through which irrigators can monitor energy usage. KC Electric also plans to integrate the Sensus technology with its current outage management system via MultiSpeak and use power quality monitoring to determine voltage regulation.

About Sensus

Sensus is a leading utility infrastructure company offering smart meters, communication systems, software and services for the electric, gas, and water industries. Sensus technology helps utilities drive operational efficiency and customer engagement with applications that include advanced meter reading, data acquisition, demand response, distribution automation, home area networking and outdoor lighting control. Customers worldwide trust the innovation,

quality and reliability of Sensus solutions for the intelligent use and conservation of energy and water. Learn more at www.sensus.com. To follow Twitter updates from Sensus, please visit <http://twitter.com/sensusmartgrid>.

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