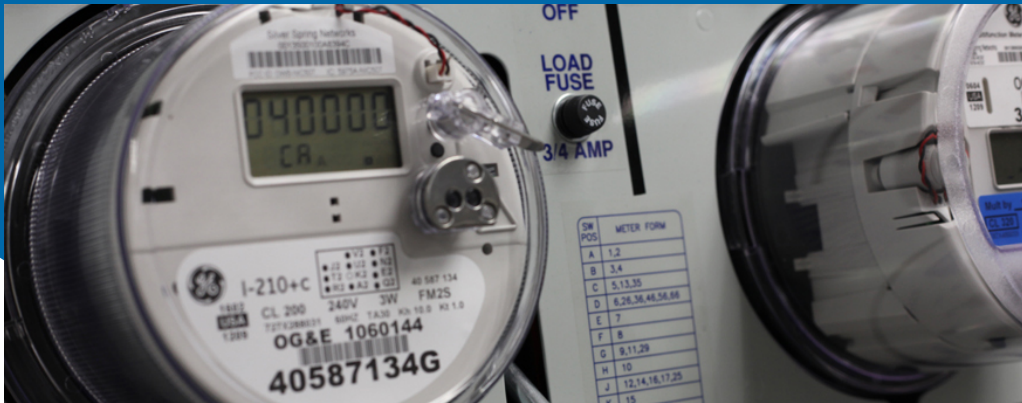


INDUSTRY LEADING TECHNOLOGY AT WORK



"How do we help the state, our residential customers, the small businesses, and small industrial companies prosper? One way we do that is by combining technology with reliable electrical power to keep rates affordable."
Jesse Langston, Vice President, Retail Energy, OG&E Energy Corp.

SITUATION

"Most utility relationships are responsive, as a customer needs electrical service, we deliver that; if a customer has an outage, we respond," says Ken Grant, Managing Director, Customer Solutions, OG&E. "We are partnering with our customers so they can help us manage energy needs; and at the same time, we provide them better information to manage their energy bills. With our new smart grid wireless network solutions, we create a true partnership."

SOLUTION

Communications infrastructure solutions provide a logical, financially attractive place to start. For backhaul, PTP 600 links provide up to 300 Mbps of connectivity and are proven to operate in the high heat and bitter winters that OG&E contends with each year. For distribution, the PMP 320 licensed WiMAX solution provides a reliable and cost-effective access network for data transfer.

OG&E wanted a vendor-agnostic solution that would meet their specific functional requirements for bandwidth, latency, and reliability. Most importantly, they were

looking for a partner. Cambium Networks' track record of commitment to deliver real, near-term benefits by providing data connectivity for Smart Grid operations met those requirements.

"The communications network is one of the most important parts of the puzzle," says Grant. "The reliability of the network is critical to our ability to operate effectively. We are reading meters remotely, we are taking register reads, and we are billing our customers that have smart meters based on those reads."

RESULT

"The network has been performing well, the reliability is great, and we couldn't ask for anything better," says Luis Cam, Lead Telecommunications Design Engineer, OG&E.

CUSTOMER PROFILE

OG&E publicly expressed its intent to avoid building any incremental fossil-fueled generating capacity before the year 2020. The decision is based upon an assessment of their growth rates, generation capacity, and potential higher usage rates for customers. Expecting customers to carry cost increases is not a desirable solution. A smarter grid, enabled by communications infrastructure, proved an ideal starting point.

The Oklahoma City-based utility covers a territory of about 30,000 square miles, from the Kansas border, to the Red River and to Western Arkansas. Established before Oklahoma was declared a state, the company has been providing reliable services to the area for 110 years.