

*Palo Alto, CA - October 3, 2011 - Rappahannock Electric Cooperative chooses Full Spectrum for smart grid wireless data communications*

Rappahannock Electric Cooperative (REC), a member-owned electric utility that provides service to 22 counties in Virginia, announced today that it has chosen Full Spectrum's FullMAX™ Broadband Wireless system for its private, wide-area, smart grid communications network.

The wireless network is a critical part of REC's Department of Energy sponsored Smart Grid initiative. The network will be used to transport mission critical data traffic including Supervisory Control and Data Acquisition (SCADA) and Automatic Metering Infrastructure (AMI) information. In addition to remote meter reading and control, REC's Smart Grid network enables real-time load management of the electric utility distribution system, an essential capability for improving overall system reliability and managing peak demand. FullMAX™ provides a robust, secure, wireless IP data connection to both the AMI and SCADA systems installed at the electric substations throughout REC's service territory.

"We selected Full Spectrum for several important reasons," says Gary Schwartz, Director of SCADA / LM / Telecommunications. "We needed a secure data solution to cover a very large territory without additional costly tower infrastructure. Full Spectrum's Base Stations are capable of creating 20 mile sectors including non-line of sight coverage." Significant portions of REC's service territory lack even basic cell phone service let alone advanced data. "Another reason for choosing FullMAX™ was its ability to offer both mobile and fixed data communications in the same platform," stated Schwartz. REC plans to evaluate utilizing the same private network for mobile workforce management applications in service vehicles including the processing of work orders and Automatic Vehicle Location (AVL) applications.

"We are very pleased to have been chosen as the supplier for REC's private wide area network", stated Stewart Kantor, CEO of Full Spectrum. "REC's challenging service territory, including providing service to portions of the Blue Ridge Mountains, highlights the coverage advantages of the FullMAX platform for extreme rural applications."

About Full Spectrum Inc.

Full Spectrum designs, develops and manufactures licensed broadband wireless equipment for mission critical industries. Full Spectrum's patented FullMAX™ Broadband Wireless Platform is the first end-to-end private wireless system for all Sub 1 GHz frequencies. FullMAX offers maximum wide area mobile and fixed wireless coverage with minimal tower infrastructure. For more information, please contact the company at 1-888-350-9994 or [media@fullspectrumnet.com](mailto:media@fullspectrumnet.com) or [www.fullspectrumnet.com](http://www.fullspectrumnet.com).

About Rappahannock Electric Cooperative

REC provides electric service to over 155,000 connections in parts of 22 Virginia counties. With its general office in Fredericksburg, Va., Rappahannock maintains more than 16,000 miles of power lines through its service area, which ranges from the Blue Ridge Mountains to the tidal waters of the Chesapeake Bay.

<http://www.myrec.coop>