

“Remote locations without power are now easy.”



Our customer had a flow meter in a remote field location that need 24/7 monitoring. There was no power and wireless communication looked difficult. Wastech Controls came to the rescue with an RTU design incorporating battery power with a solar panel recharger, wireless 900 MHz spread spectrum radio interface and a base station receiving panel located 5.4 miles away. Flow meter and radio transmitter power is provided by the RTU. Unit is pole mounted to avoid vandalism. Base station offered a data connection to a local PC but could also provide data logging capability and data interface through an Ethernet connection. Software and hardware supplied by Wastech Controls.

REMOTE SITE RTU PANEL

- License Free Radio Transmitter from Phoenix Contact Wireless I/O interface
- Solar Powered
- Batteries and Charger
- Sensor powered by batteries
- 4-20 mA analog input over radio
- Low Maintenance



BASE STATION PANEL

- License Free Radio Phoenix Contact Receiver and I/O interface
- Power supply
- Fuses and terminal strip

