Winning in midstream
Southwest Controls & TCPL/ANR

The ANR Pipeline was founded in 1945 as the Michigan-Wisconsin Pipe Line and transports natural gas from Texas, Oklahoma, and Louisiana to cities and towns in Wisconsin, Michigan, Illinois and Ohio.

Measurement made easy

Challenge
- The ANR Pipeline was founded in 1945 as the Michigan-Wisconsin Pipe Line and transports natural gas from Texas, Oklahoma, and Louisiana to cities and towns in Wisconsin, Michigan, Illinois and Ohio.
- ANR also provides access to TransCanada’s extensive natural gas storage operations in Michigan.
- Pursuits are in place multi-regionally to grow ABB business with TCPL.

Solution
- ABB lead this opportunity, overcoming a number of challenges including changing project requirements and gaining approval from the regional Canadian agency to the ABB 6790 XRC©.
- ABB partnered with Southwest Controls to deliver the solution. Southwest Controls had an established relationship with the EPC, opening the door for ABB products and offerings for the win.
- The final winning solution included 6790 XRC© bi-directional flow with 2 tubes for ultrasonic measurement and bi-directional flow with 2 tubes for AGA3 XMV measurement; radio power up control and sequencing; alarm monitoring and remote manual alarm reset; and Scada host interface using Enron Modbus.

Partnership
ANR Pipeline is currently evaluating the 6790 XRC© RTU for custom measurement and control. An additional 17 XRC’s are being further field evaluation of the system design.

The impact of a successful field evaluation will enable ABB to win approval for an additional 200 XRC’s.