

# 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 TX, OK , and LA to cities and towns in WI, MI, IL and OH.

### 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<sup>G4</sup>.
- 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<sup>G4</sup> 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<sup>G4</sup> 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.

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