

Spectra Energy Chooses Station Manager for their Large Gas Custody Transfer Applications

RESULTS

- Accurate measurement capabilities
- Station manager fits transmission measurement requirements
- High volume measurement
- Easy retrofit of existing flow computer



APPLICATION

Natural gas transmission and custody transfer

CUSTOMER

Spectra Energy – Houston TX

CHALLENGE

The previous manufacturer could not upgrade their products since they did not have any new products to offer Spectra. Spectra was looking for new hardware technology and programming abilities. The old products were hard coded and each metering location had to be re-coded by a single programmer – costing them manpower, time, and money.

SOLUTION

Emerson proposed the solution of the ControlWave® Micro for its high processor technology and easy programming language. Spectra reached out to Emerson's Remote Automation Solutions to develop an all-encompassing program load to address nearly all measurement locations. The program developed was Station Manager that saves them money and proactively manages the changes made to the load. According to Spectra, Emerson will elevate the former's concern about being responsible for all the applications in their system. Spectra realized the long term mistake it would create if it kept modifying its measurement load at each location.

Spectra realized the ease of use by the time saved for training, the technical advantage of having Emerson experts to solve their problems, and the simple retrofit of the existing enclosures and classification approvals as part of the entire package. Spectra was greatly satisfied with Emerson's quality and delivery that promoted a positive business outcome.

"Station Manager meets our requirements for large metering sites."

Doug Calvert
RTU Lab Lead



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