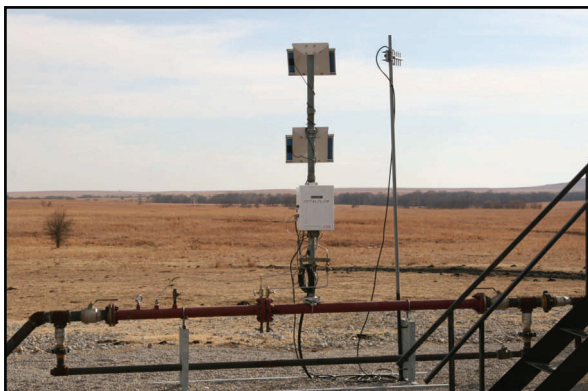


AUTOMATION OBJECTIVE

Flow measurement allows the basis for the exchange or sale of natural gas. Without measurement, an awareness of product value is unknown and the creation of revenues could not occur. Today's natural gas market requires high measurement accuracies and the necessity to know gas volumes instantaneously in real-time reporting.

AUTOMATION SOLUTION



The **Totalflow** microFLO and XSeries Flow Computers and XSeries Remote Controllers provide instantaneous calculations of gas flow volumes. The flow calculations comply with API 21.1 for gas custody transfer measurements and meet the requirements of AGA3 and ISO 5167 for orifice meter run, AGA7 rotary/turbine meter, ultrasonic meter, and V-Cone meter. Historical flow volumes and data are maintained for 40+ days. Low power electronics and radio communications make the Totalflow products ideal for remote installations. Real-time volumes can be obtained locally with Totalflow PCCU software or remotely with Totalflow WinCCU software or SCADA Vision. Single and multiple meters can be input to one flow computer.

SOLUTION BENEFITS

- Accurate Flow Measurement: flow calculations meet industry gas custody transfer requirements.
- Real-time Flow Volumes: remote communications via radios permit instant access to flows and other pertinent data.
- Easy Installation: mount XSeries; connect solar panel.
- Simple Start-up: enter initialization requirements with PCCU software or WinCCU software.
- Low Power Electronics: helps extend battery life, reduces maintenance expense, and allows for more run time.
- Extendable: the XSeries can also provide alarming, data logging, level measurement, remote communications, plunger optimization, and nomination control while performing **Gas Flow Measurement**.

Totalflow Recommended Equipment:

- Qty 1 – Model XSeries Flow Computer or Remote Controller with Solar Panel
- Qty 1 – PCCU Laptop Communication Software
- Options – Radio for Remote Communications; WinCCU Remote Host Software

Power and Productivity
for a Better World. TM

www.abb.com/totalflow
www.abb.us
www.abb.com



ABB Inc.
Totalflow Products
7051 Industrial Blvd.
Bartlesville, OK 74006
Tel: (918) 338-4888
Fax: (918) 338-4699
(800) 442-3097

For more information,
please contact your
local ABB Totalflow
representative or visit
our website.