



Project Highlight

City of Conroe, TX

AMERESCO 

Water Meter Infrastructure Project Increases Accuracy and Revenue for City, and Transparency for Customers

Technology Type:

Advanced Metering Infrastructure (AMI)

Project Size

~\$15,700,000

Water Meters Replaced

22,000+

Year 1 Projected Revenue & Savings

~\$1,160,000

Year 1 Actual Revenue & Savings

~\$1,643,000



Summary

The City of Conroe partnered with Ameresco for a turnkey fixed-based Advanced Metering Infrastructure (AMI) system that includes installation of 18 new Gateways, replacement of 22,411 water meters with new smart meters, and set up of a new interactive customer portal. Ameresco tested a sample of meters, conducted field surveys, and evaluated the financial payback of meter replacements. The new AMI system, which has a guaranteed read rate of 96.5%, will provide the City with increased meter accuracy and, in turn, increased revenue.



Solution

The City of Conroe sought to improve its water infrastructure and reduce costs through energy and operational savings. Following a thorough six-month audit, the decision was made to implement advanced metering infrastructure (AMI). Ameresco designed and developed a project valued at approximately \$15,700,000, which involved replacing water meters across the entire city.

Services provided included:

- Field surveys and sample meter testing
- Replacement of 22,411 water meters with new smart meters
- Installation of a fixed-base advanced metering infrastructure (AMI) system
- Provided a new customer portal



Benefits

With enhanced meter accuracy resulting from the AMI project, the City of Conroe achieved significant improvements in its water management system. Additional benefits of the project included:

- Enabled fact-based financial and technological decisions from audit data provided to the City
- Provides the City with increased meter accuracy and a 96.5% guaranteed read rate
- Generates increased revenue for the City from increased meter reading accuracy
- Enhances transparency through new customer portal

Ameresco's team of energy experts can assist you in identifying the solution that fits your needs.

For more information about Ameresco and our full-range of energy and water solutions, please call **1-866-AMERESCO** or visit **ameresco.com**.

