

**Over
\$2.2MM**

20-year total savings
projection*

\$65,733

First-year savings in
water meter revenue*

\$2,700

First-year water meter
savings*

\$17,969

First-year lighting
savings*

City of Everman Overcomes Water Loss and Gains Significant Water and Energy Savings

Texas city near the DFW area made strides toward the future by updating its infrastructure via efficiency solutions

Confronted by a massive water loss issue due to outdated systems, the City of Everman called upon its energy supplier. Despite resource constraints typical of smaller cities, Everman leveraged this vital partnership to modernize its water meter and power consumption processes. This case study reveals the transformative impact of a fruitful collaboration, unfolding how strategic problem-solving has led to significant savings, substantial revenue recovery, and a future-oriented infrastructure investment.

Challenge

When the City of Everman realized it was losing millions of gallons of water monthly they turned to NextEra Energy Services and NextEra Energy Solutions and put their tax dollars to work. Michael Gunderson, Everman City Manager at the time, explained, "Like many small cities with limited resources, some of our processes remained somewhat antiquated (i.e. our water meter reading). Additionally, we had never evaluated our use of electricity. After I explained to NextEra Energy Services and its affiliates how three city workers spent up to a week reading our water meters, and how clumsy and inaccurate the process was to post those readings, they presented a proposal."

Solution

In an effort to help the residents of Everman, NextEra Energy Services and its affiliates conducted an analysis of the City's water meters and electrical consumption. "The proposal noted they could fix our meter reading process, reduce electrical energy consumption and pay for it with our savings. It showed by replacing old meters



*Savings and performance results are specific to the project and facilities profiled. Actual results will vary for each customer. Projected savings may vary based on energy and other utility cost fluctuations.

plagued by diminished reading accuracy, and installing an auto-read meter system, could result in significant savings. They also recommended replacing all city lighting with LED lighting fixtures, (again, paying for itself with reduced kWh consumption), and they even arranged for financing,” noted Mr. Gunderson.

Result

After putting the project to vote, and being approved by city council, NextEra Energy Services and NextEra Energy Solutions installed 1,968 new water meters throughout the city, which allowed them to read all of the meters in one day, and reduce labor costs overall. In addition to the new accurate-reading water meters, NextEra Energy Services and its affiliates retrofitted several city facilities with LED lighting technology. The project recovered more than \$70,000 in lost revenue and saved nearly \$18,000 in operating costs.

“Today, we can read our meters in one day and in any weather. The labor savings is huge. And with same day readings every month, our data is more accurate, consistent and we have fewer customer complaints. The LED lighting reduced our electric invoices from around \$20,000/month to an average of \$16,000. That savings pays over one half of our total annual loan payment,” said Mr. Gunderson.

By working with NextEra Energy Services and both saving resources and measuring more accurately, the City of Everman has saved substantially on energy consumption and water loss over time.



About Us

We are NextEra Energy Services, a leading competitive energy supplier serving customers in deregulated markets, including residential, commercial and industrial consumers. We deliver comprehensive energy services and state-of-the-art technologies tailored to meet the unique needs of our diverse customer base including energy supply, efficiency, resiliency and more. We do so through competitive retail electricity and natural gas and by helping customers rethink their energy strategy.

As part of the NextEra Energy family of companies, the nation's largest capital infrastructure investor, we help develop customized and comprehensive energy management plans aimed to leverage both traditional and renewable energy resources, mitigate exposure to energy market volatility, reduce energy costs and meet goals.



LED lighting drastically improved the conditions in the following locations:

- » City Hall
- » Police Station
- » Fire Station
- » Library
- » Shop Building
- » Annex
- » Service Building 409/
Pump House
- » Service Building 411

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