

Energy Efficiency Programs Bulletin



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Recently Completed Projects

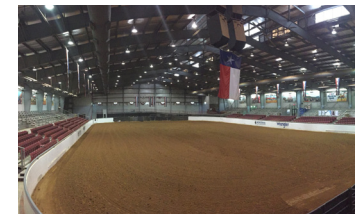
UTMB LEAGUE CITY CAMPUS

The University of Texas Medical Branch campus in League City recently earned an incentive for almost \$24,000 for the installation of high-efficiency, water-cooled chillers. These new chillers represented an increase in total cooling capacity that will serve future campus expansions. UTMB is an active program participant, leveraging the available incentives provided by TNMP to purchase and install high-efficiency options when replacing equipment or building new construction. This chiller project represented an estimated energy savings of 83 kW and 1.7 million kWh annually.



GATESVILLE ISD

Gatesville ISD completed LED lighting upgrades at multiple school buildings including Gatesville Primary School, Gatesville Intermediate School, Gatesville Jr. High School, and Gatesville High School. In total, 70 lighting fixtures were upgraded to LEDs around the exterior of the school buildings, with savings reaching an estimated 72,726 kWh of electricity per year. According to the Environmental Protection Agency, this is the equivalent of eliminating the carbon dioxide emissions from 5,752 gallons of gasoline or the electricity use of over five homes for one year.



SOMERVELL COUNTY EXPO CENTER

Somervell County rejuvenated their rodeo Expo Center in Glen Rose with new LED lighting and controls. The upgrades were installed both inside and outside the Expo Center and are saving an estimated 55.5 kW and 277,434 kWh in electricity per year. According to the Environmental Protection Agency, this is equivalent to

eliminating the annual greenhouse gas emissions of 23,233 gallons of gasoline.

CITY OF GATESVILLE

The city of Gatesville completed LED lighting and HVAC upgrades at multiple municipal buildings including libraries, sewer plants, the police station, and fitness center. In total, 485 lighting fixtures were upgraded to LEDs throughout various areas of the city buildings, both internally and externally, with savings reaching an estimated 169,888 kWh of electricity per year. The city received almost \$9,000 in incentives for completing the projects.

TNMP offers a portfolio of commercial energy efficiency programs.

The SCORE® Program provides viable energy optimization for school districts, colleges and universities. Designed to educate institutions on energy management and encourage investment in energy efficiency, this program helps partners minimize the impact of volatile energy costs, ease budget pressures, improve infrastructure and optimize learning environments for students.

The CitySmart® Program helps local government entities enhance energy efficiency, lower operating costs, improve air and environmental quality and meet legislative and regulatory requirements.

Similar to SCORE and CitySmart, the Commercial Solutions Program provides technical and financial support to help commercial and industrial organizations identify and implement energy efficiency upgrade projects.

The Open for Small Business Program targets commercial facilities below 100 kW in demand usage to enable them to participate in energy-saving retrofits.

For more information about the SCORE, CitySmart, Commercial Solutions and Open programs, contact TNMP Project Manager Stefani Case at (214) 222-4174 or stefani.case@tnmp.com.

The programs are sponsored by TNMP and administered by CLEARResult. You can reach CLEARResult at (877) 338-8667 or tnmp@clearresult.com. Visit us online at tnmpefficiency.com.

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PARTNER SUCCESS

Partner successes and incentives earned YTD

City of Lewisville
\$31,310

•

Alvin ISD
\$13,008

•

Burlington Coat Factory
\$11,747

•

INEOS USAA Realty
\$9,098

•

U-Haul, League City
\$5,701

•

Mac Haik Toyota
\$5,476

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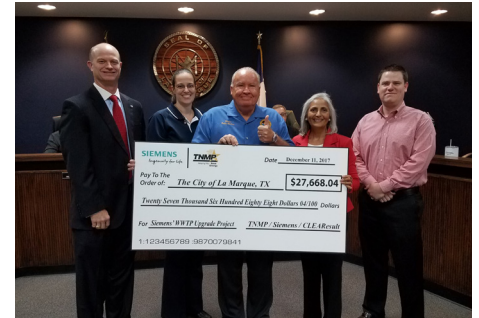
Fort Stockton ISD
\$3,156

Congratulations, Partners!

Check Presentations

CITY OF LA MARQUE

In 2017, the City of La Marque worked with TNMP to make energy efficiency improvements to its Waste Water Treatment Plant. The city replaced two 150hp blowers and motors with new turbo blowers and motors equipped with variable frequency drives and dissolved-oxygen sensor controls. As was the case for La Marque, multi-measure energy efficiency projects can qualify for incentives through a custom measurement and verification approach. The incentive amount is based on realized energy savings following an energy measurement period that is typically six to 12 months after the installation is completed. This upgrade will save an estimated 105 kW and 550,000 kWh of electricity annually. The City was presented with an incentive check for \$27,668 for their participation in the program.



Technology Spotlight: New Measures Approved for Incentives

EXTERIOR DOOR AIR INFILTRATION

- Installing weather stripping and door sweeps on existing doors that separate a conditioned space from an unconditioned space. The doors must have a visible gap along the exterior perimeter of at least 1/8 inch.

WALK-IN AND REACH-IN COOLER AND FREEZER DOOR GASKETS

- Installing new gaskets that seal existing doors correctly at walk-in or reach-in refrigeration coolers or freezers that have worn out or are missing gaskets.

CONDENSER AIR EVAPORATIVE PRE-COOLING

- Direct expansion (DX) or air-cooled chillers can install an evaporative pre-cooling system onto a unit, which will have the air passing through a fine mist of water or solution to pre-cool the air before reaching the condenser coil. The newly saturated air increases the ability of the condenser coils to reject heat, affectively allowing the unit to run less, which in turn saves kW and kWh each year.

ENERGY STAR® POOL PUMPS

- Replacing existing single-speed pool pumps of 1–3hp with an ENERGY STAR certified variable-speed pool pump.

Recruiting for our Commercial Solutions Program!

Last year, TNMP paid out over \$213,000 directly to customers in incentives! You could be next by participating in TNMP's energy efficiency programs. Anything from LED lighting retrofits, HVAC upgrades, refrigeration upgrades, roofing upgrades, ENERGY STAR kitchen appliances, and above-code new construction is eligible to receive an incentive. More information can always be found at tnmpefficiency.com. These no-cost "use it or lose it" programs pay out on a first-come, first-served basis, so don't wait. Depending on participation, funds may not be available later in the year if projects are not reserved.