

Energy Efficiency Programs Bulletin



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New Incentives for Faucet Aerators

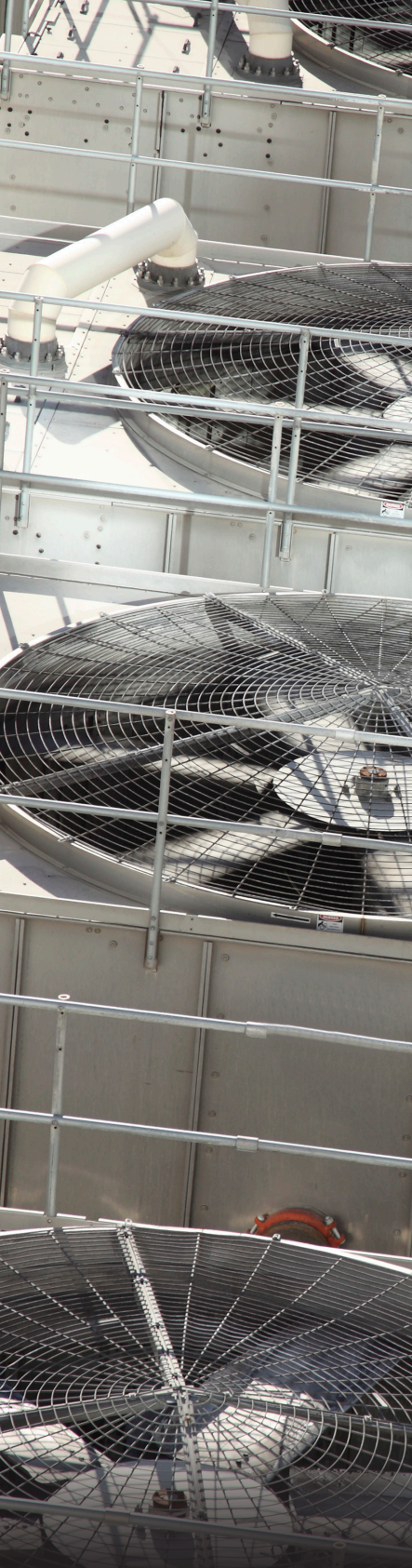
Getting clean, potable water to your faucet is a necessity, but an energy-intensive one! The best option for energy savings and to reduce the amount of water you use is to install a low-flow faucet aerator. A standard faucet releases water in a big, unbroken stream. An aerated faucet spreads the water stream into tiny droplets. More specifically, an aerator tends to reduce the back-splash of the water as it hits the sink, reduce the amount of water released from the faucet and increase the perceived pressure of the water stream. This means you can wash your hands with less water!



Although faucet aerators are typically inexpensive (about \$2 each) and pay for themselves in savings within a short time, TNMP now offers no-cost replacement for qualifying low-flow faucet aerator retrofit projects. In order to qualify, the facility must employ electric water heaters, have bathroom faucets with a flow of at least 2.2 GPM and install bathroom faucet aerators with a flow of 1.0 GPM or less. Typical savings appear in the table below.

Estimated Savings Per New 1.0 GPM Aerator

Facility Type	Water Saved (gal)	Gulf Coast		North/Central Texas		West Texas	
		Peak kW Savings	kWh Savings	Peak kW Savings	kWh Savings	Peak kW Savings	kWh Savings
Commercial	9,000	0.217	679	0.239	747	0.248	776
Dormitory	9,864	0.109	745	0.119	818	0.124	850
Hospital	1,314	0.008	99	0.009	109	0.009	113
Hospitality	1,314	0.005	99	0.006	109	0.006	113
Multifamily	1,314	0.008	99	0.009	109	0.009	113
Prison	13,140	0.109	992	0.119	1,090	0.124	1,133
School	7,200	0.136	543	0.149	597	0.155	621



Texas-New Mexico Power 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 TNMP Commercial Solutions Program provides technical and financial support to help commercial and industrial organizations identify and implement energy efficiency upgrade projects.

The Open Program for small businesses program targets commercial facilities below 100kW 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 (469) 484-8590 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.

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PARTNER SUCCESS

From May-August, the following partners were awarded for energy efficiency savings:

Angleton ISD
\$2,122.36

Badger BMB Services
\$796.41

Clear Creek ISD
\$5,067.28

DeMontrond Dealership -
Texas City
\$6,602.95

Gay Family Buick GMC
\$2,339.70

Gulf Coast Auto
\$22,205.10

iStorage, LLC
\$104.46

Payless Shoesource Inc.
\$239.40

Rivercrest ISD
\$7,998.62

Texas Rendezvous, Inc.
\$4,742.02

Walgreens
\$5,341.21

Congratulations Partners!

Gulf Coast Auto Driving in Savings!

Lighting changes at Gulf Coast Auto are driving in the savings for the car dealership. Gulf Coast Auto opted for a linear fluorescent light retrofit that slashed 610,723 kilowatt-hours from its energy use. This amount is equal to the carbon dioxide emissions from the electricity use of 64 homes for one year, according to U.S. Environmental Protection Agency calculations. TNMP experts suggest LEDs would be another good option for outdoor and high bay applications. The low-maintenance LEDs don't require the time-consuming, costly measures required to change outdoor LTG fixtures.

Texas City EE Lunch & Learn a Success – More to Follow!

In early June TNMP hosted a luncheon for engineers, designers and area representatives to present the energy efficiency programs available to end-use customers in the Gulf Coast area. Attendees learned about the successful projects completed through TNMP's SCORE, CitySmart, Commercial Solutions and Open programs. Similar sessions will be hosted in Clifton, Lewisville and Pecos to build a network of representatives for the programs throughout the state.

Stewart's Grocery Saves Energy and Money



Stewart's Grocery was awarded a \$12,220 cash incentive from TNMP's Commercial Solutions program for upgrading its lighting at the food stores in Brazoria and Sweeny. The stores are now using highly-efficient premium lights and are estimated to save over \$35,000 annually between the two stores.

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