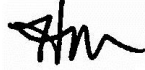


ACM UPDATE

AGENDA DATE: December 5, 2016

DEPARTMENT: Environmental Services and Sustainability

UTILITIES ACM: Howard Martin, 349-8232



The City Council Committee on the Environment requested an update comparing Denton Municipal Electric (DME) energy efficiency rebates and incentives with other utilities. As private utilities are required to offer incentives by the Public Utility Commission of Texas we evaluated other municipal utility programs. The utilities that were reviewed are all members of the Texas Public Power Association (TPPA), demographic information was gathered from the TPPA directory.

We identified ten utilities, including DME, to solicit information about incentives. We were successful in collecting data from eight, also including DME. Georgetown appears to be revising their program and staff believes that Lubbock may have eliminated incentives, but cannot confirm with staff in Lubbock.

Austin energy assesses a Community Benefit Charge on every electric bill. They use this charge to fund, among other programs, their energy efficiency incentives.

EXHIBITS

1. Incentive/Rebate Comparison Chart

Respectfully prepared and submitted by,

Katherine Barnett,
Sustainability Programs Administrator

Measure	Incentive Level									
	Denton	Austin	Garland	CPS	San Marcos	New Braunfels	Bryan Texas Utility	College Station	Georgetown	Lubbock
HVAC									info being updated	no programs
Central AC (16 SEER)	\$600/unit	\$450/unit	\$500/unit	\$110-\$225/ton (no cap)	\$125/ton or 50%	\$250/unit		\$600/unit		
Heat Pump (16 SEER)	\$700/unit	\$500/unit	\$600/Unit	\$110-\$225/ton (no cap)	\$150/ton or 50%	\$300/unit				
Geo Heat Pump	\$700/unit	\$500-\$1,250/unit								
Smart Thermostat	50% or \$50	\$85/unit								
Radiant Barrier	20% or \$300	\$0.10/sqft (no cap)			\$0.15/sqft or 50%					
Attic Insulation	50% or \$400	\$.0035/sqft X R-Value + \$45 Set Up (no cap)	\$0.15/sqft or \$500	\$0.25/sqft (no cap)	(Sqft) X (R-Value) X (\$.0075) or 50%		\$900/kW or 25%			
Air Ducts	30% or \$200	\$3.25/linear ft (no cap)	\$0.25/sqft or \$500	\$200-\$500/sealing	\$0.10/sqft (just sealing) or 50%					
Solar Screens	30% or \$200	\$1.00/sqft (no cap)	\$1.00/sqft or \$500		\$0.30/sqft or 50%	\$0.75/sqft or \$300	\$900/kW or 25%			
Windows (Energy Star)	30% or \$500		\$5.00/sqft or \$500		\$1.50/sqft or 50%		\$900/kW or 25%			
Doors (Energy Star)					\$1.50/sqft or 50%					
Solar Hot Water	30% or \$300					\$0.265/kWh (on SRCC)				
Window AC (Energy Star)		\$50/unit	\$50/unit	\$45/unit	30% of Purchase					
Solar PV	\$0.75/watt (upto \$30k or 50%). W/ Battery = \$1.50/watt (upto \$30k or 50%).	\$0.70/watt (<10kW or 50%)			\$2.00/watt or \$5,000	\$0.50/watt or \$3,000				
Wind					\$1.00/watt or \$5,000					
Heat Pump Water Heater		\$800/unit								
Pool Pumps		\$300/unit		\$150/unit						
Weatherization		YES	50% of Cost							
Attic Spray Foam Insulation					(Sqft) X (R-Value) X (\$.0225) or 50%					
Wall Insulation					(Sqft) X (R-Value) X (\$.0225) or 50%		\$900/kW or 25%			
Incentive Annual Budget	\$ 420,000.00	\$ 23,616,000.00			\$ 133,224.00					
Annual Revenue	\$ 147,487,759.00	\$ 1,400,000,000.00	\$ 338,649,382.00	\$ 1,900,000,000.00	\$ 50,965,000.00	\$ 102,205,000.00	\$ 184,541,032.00	\$ 99,889,496.00	\$ 60,598,663.00	\$ 221,215,135.00
Meters Served	50,059	448,000	69,262	728,340	23,656	35,455	54,243	38,908	25,222	103,475
Revenue/Meter	\$ 2,946.28	\$ 3,125.00	\$ 4,889.40	\$ 2,608.67	\$ 2,154.42	\$ 2,882.67	\$ 3,402.12	\$ 2,567.33	\$ 2,402.61	\$ 2,137.86
Budget/Meter	\$ 8.39	\$ 52.71	\$ -	\$ -	\$ 5.63	\$ -	\$ -	\$ -	\$ -	\$ -
Budget % of Revenue	0.28%	1.69%	0.00%	0.00%	0.26%	0.00%	0.00%	0.00%	0.00%	0.00%
Resources	http://www.cityofdenton.com	http://powersaver.austinenet.com	http://www.garlandpower.com	https://residential.savenov.com	http://www.ci.san-marcos.tx.us/mod	http://www.nbutexas.com/	http://www.btutilities.com/	http://www.cstx.gov/index	https://conservation.georgelouis.com/	http://www.lpandl.com/

Notes:

Incentive budget includes solar and energy efficiency

Austin Energy funds incentive program with a Community Benefit Charge (CBC) which is added to every electric bill.