



MOU/CO-OP ENERGY EFFICIENCY PROGRAMS REPORTING FORM

For: Electric Cooperatives that had retail sales of more than 500,000 megawatt hours in 2005, and Municipally-Owned Utilities



Purpose of this document: As mandated by the 82nd Legislature (2011), beginning April 1, 2012, all electric cooperatives that had retail sales of more than 500,000 megawatt hours in 2005 and all municipally owned utilities must report each year to the State Energy Conservation Office (SECO), on a standardized form developed by SECO, information regarding the combined effects of the energy efficiency activities of the electric cooperative/utility from the previous calendar year, including the annual goals, programs enacted to achieve those goals, and any achieved energy demand or savings goals. [Sections 39.9051 and Section 39.9052 of the Utilities Code].

This form is intended to partially fulfill the reporting requirement. Please provide all the information requested below.

DATA FOR A CONSECUTIVE 12-MONTH PERIOD:

Beginning: 01 /01 /2012 Ending: 12/31/2012

MOU/Co-op: Pedernales Electric Cooperative, Inc.

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Please attach a copy of the detailed report containing the below information.

Energy Efficiency Program	Estimated Electric Peak Demand Savings (kW)	Estimated Electricity Use Savings (kWh)	Estimated Natural Gas Increase From Fuel Switching – If Applicable <i>Specify Units:</i> <input type="checkbox"/> CCF <input type="checkbox"/> MCF <input type="checkbox"/> Therms	Other Program Performance Metric
HVAC Rebate Program	974	3,122,219	N/A	Participant Count – 2,329
Commercial Lighting Rebate Program	263	1,582,564	N/A	Participant Count - 5
Income Qualified Weatherization Program	16	64,024	N/A	Participant Count - 26
Emergency Response Service	12,500	-	N/A	95% Availability Factor
Beat the Peak	-	-	N/A	Participant Count – 4,230

PEC program information:

www.pec.coop/home/savings_and_conservation.aspx

PEC Energy Efficiency Goal:

The Energy Efficiency Goal states that the organization shall administer Energy Efficiency and Demand Management programs with the goal of achieving annual reductions of twenty percent (20%) of future demand growth consistent with our commitment to bringing value to the membership and responsible stewardship of our resources.

Demand Management Programs:

PEC promotes demand side management programs and offerings to residential, commercial, and industrial customer classes. DSM activities are reported in energy efficiency and demand response categories.

Energy Efficiency:

Energy efficiency programs focus on reducing energy usage by identifying homes, buildings, and equipment where energy efficiency replacement or repair can yield energy savings. These programs are applicable to residential and commercial customer classes.

Heating, Venting, Air Conditioning (HVAC) Rebate Program - The (HVAC) offers incentives to members for installing energy efficient HVAC systems. In 2012, PEC processed 2,329 rebate applications and distributed \$906,600 in HVAC rebates. The program achieved an annual demand reduction of 973.78 kW and annual energy savings of 3,122,219 kWh. The demand and energy savings were calculated using residential and small commercial sector deemed savings values approved by the Public Utility Commission of Texas.

Commercial Lighting Rebate Program (CLRP) - The CLRP offers incentives to commercial members who install efficient lighting in existing or new commercial buildings. In 2012, PEC processed 5 rebate applications and distributed \$93,822 in CLRP rebates. The program achieved an annual demand reduction of 263.27 kW and annual energy savings of 1,582,564 kWh. The demand and energy savings were calculated using equipment specifications, facility type, equipment operating hours, and lighting coincident factor.

Income Qualified Weatherization Program (IQWP) – The IQWP offers funding for weatherization measures for income qualified PEC members. PEC partnered with The Texas Association of Community Action Agencies (TACAA) to provide a low income weatherization program and measures to eligible households. In 2012, PEC funded \$116,019 of weatherization measures in 26 homes. The program achieved an annual demand reduction of 16.06 kW and annual energy savings of 64,024 kWh. Weatherization measures may include caulking; weather-stripping; ceiling, wall, and floor insulation; patching holes in the building envelope; duct work; and tune up, repair or replacement of inefficient heating and cooling systems. In addition, basic on-site energy education is provided to program participants. The demand and energy savings were calculated using residential and small commercial sector deemed savings values approved by the Public Utility Commission of Texas.

Demand Response:

Demand response programs focus on reducing participant electricity loads at specific times of the day and year or for system reliability when electricity is in short supply. PEC targets residential, commercial, and industrial members to reduce their energy demand during peak periods and emergency conditions. PEC members have participated in the ERCOT emergency interruptible load service, or EILS, since 2008 and continued their participation in 2012 as EILS transitioned to the Emergency Response Service (ERS) program. PEC members also participated in its voluntary peak load reduction program, Beat the Peak, by avoiding or shifting load from peak to off-peak periods during the summer months. In 2012, 4,230 members participated in the voluntary load reduction program.