



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 / 2013 Ending: 12 / 31 / 2013
 mm dd yyyy mm dd yyyy

MOU/Co-op: College Station Utilities -COCS

CONTACT PERSON (Name & Title): Patrick McIntyre , Brian Henry

ADDRESS: 1601 Graham Rd

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

CITY: College Station ZIP: 77842

PHONE: 979-764-6343 EMAIL: pmcintyre@cstx.gov
979-764-6274 bhenry@cstx.gov

| 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 – Number of Participants |
|---|---|---|--|---|
| Good Cents “New Home” Program | 144.44 | 274,500 | | 61 |
| Energy Back II HVAC Rebate Program | 786.87 | 654,530 | | 370 |
| Residential CFL/LED Lighting Program | 13.85 | 40,442 | | 33 |
| CFL Promotion (500 CFLs Distributed) | 23.50 | | | 500 |
| Green Light Commercial Lighting Program | 51.40 | | | 2 |
| Residential & Commercial On-site Energy Audit Program | 88.00 | | | 176 |
| Sun Source Solar Photovoltaic Program | 6.86 | | | 2 |
| Totals | 1114.92 | | | 1144 |
| | | | | |
| | | | | |

GOOD CENTS KWH CALCULATION

AVERAGE HOME CONSUMPTION IS 1500 KWH X 12 MNTHS = 18,000 KWH

18,000 KWH X 25% SAVINGS FOR GC HOMES = 4500 KWH ANNUALLY PER HOME

4500 KWH X NUMBER OF PARTICIPANTS = KWH SAVINGS

ENERGY BACK II CALCULATION

16 SEER VS 13 SEER X NUMBER OF PARTICIPANTS

USING 42,000 BTU 16 SEER AVERAGE HVAC SYSTEM X 2920 HRS ANNUAL RUN TIME

$\frac{42,000}{13} \times 2920 = 9434$ KWH ANNUALLY

13 SEER 1000

$\frac{42,000}{16} \times 2920 = 7665$ KWH ANNUALLY

16 SEER 1000

DIFFERENCE IS $9434 - 7665 = 1769$ KWH X NUMBER OF PARTICIPANTS = KWH SAVINGS

RESIDENTIAL CFL/LED LIGHTING CALCULATION

75 WATT INCANDESCENT VS 23 WATT CFL/LED = 52 WATT SAVINGS

TAKE KW SAVINGS X 8 HRS X 365 DAYS = ANNUAL KWH SAVINGS

CFL PROMOTION 60 WATT VS 13 WATT = 47 WATT SAVINGS X 500 CFL = 23.50 KW SAVINGS