



**State Energy Conservation Office (SECO)
Municipally Owned Utility (MOU) or Electric Cooperative (Co-op)
SB-924 Energy Efficiency Report
Data Entry Form**

MOU or Co-op: Bluebonnet Electric Cooperative
 County: Bastrop
 Contact: Grant Gutierrez
 Contact Title: Controller
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 City: Bastrop
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1) Is your MOU or Co-op hereby reporting on energy efficiency as required by SB-924, PURA Sections 39.9051 and 39.9052?

Yes No

2) Energy Efficiency Goals: Please tell us about the goals that your MOU or Co-op has related to energy efficiency:

Instructions: Provide a brief description of your MOU or Co-op's energy efficiency goals for the previous calendar year. Examples may include information about energy efficiency for MOU or Co-op customers or utility facilities. Supplemental information may be provided at your option on any long-term energy efficiency goals that your MOU or Co-op might have. Please use a separate sheet of paper if you need more space.

See attached documentation

3) Your MOU or Co-op's Energy Efficiency Programs:

Instructions: Input information as applicable; add fields as necessary. For the previous calendar year, please list energy efficiency programs and provide applicable estimated achieved savings – energy and/or demand, or other program performance metric (for example participation.) Add additional lines as needed.

Energy Efficiency Program	Estimated Energy Savings or	Estimated Demand Savings or	Other Program Performance Metric
Totals			

4) Program Materials / Additional Information

Instructions: Public information about your energy efficiency programs (brochures, website information, etc.) may be attached and provided with this form.

5) Please submit this form to SECO at: SB924.Reporting@cpa.state.tx.us

TO: State Energy Conservation Office (SECO)

FROM: Bluebonnet Electric Cooperative

RE: SB-924 Energy Efficiency Report

Cooperative Energy Efficiency Goals:

Bluebonnet's goal in efficiency and demand reduction is to reduce our system load by 20 percent, including growth, by the year 2020. Through the cooperative's Sustainable Grid initiative, an emphasis has been placed on engaging our membership to participate in new technologies that have been implemented. The Net Energy Market web portal allows our membership to actively manage their account, and see all the information that the cooperative has concerning their electric usage. All members with online accounts can view their hourly usage and costs daily. The information included shows both daily and hourly usage data, that the member can then use to audit their behavior and become more efficient with how and when they are using energy. Currently, around 24,341 of the cooperative's members have signed up and are actively participating in the portal.

Expanding on demand management opportunities, 182 Bluebonnet members actively participate in the cooperative's pilot project with Consert. These members have Advanced Metering Infrastructure (AMI) meters, new thermostats, and relay switches on their HVAC unit(s) and water heaters installed in their homes. The pilot, through the installed equipment, allows the member to establish comfort settings in their home through the programs website. All of the installed equipment communicates wirelessly with the meter through the thermostat, and additionally allows the cooperative to run load curtailment events that are monitored through the utility's electric operations grid control center. Members can set a limitless amount of personalized settings for their home, and once notified that the utility will need to run an event, can opt-out anytime either through the aforementioned settings, manually at the thermostat by raising or lowering the temperature, or by contacting Bluebonnet's member services department. Participants in the pilot have seen reduced usage and therefore lower costs.

As part of the cooperative's employee performance incentive plan, Bluebonnet tracks and reports monthly on its own set of energy conservation goals. If levels of these goals are achieved, the employees can potentially see that directly reflected in their annual pay bonus. A spreadsheet of what is tracked is attached to this filing. Additionally, concerning its own conservation goals, Bluebonnet retires wind Renewable Energy Credits (RECs) to cover the usage of its own facilities. In total, 5,858 RECs were voluntarily retired, 3,107 came directly from members who signed up for Bluebonnet's Green Energy program.

Bluebonnet's Distributed Generation tariff for electric service is currently being used by 42 of its members. These generation installations vary in capacity and are all under 10kW.