



STAFF REPORT

TOWN COUNCIL MEETING OF AUGUST 12, 2014

To: Town Council

From: Town Manager

Date: July 27, 2014

Subject: Notice of Strategic Energy Resources Report Study Session August 20, 2014 at the Train Depot

RECOMMENDATION:

Hear Presentation By Sierra Business Council and Open Public Comment on the August 20, 2014 Sierra Business Council Strategic Energy Resources Report Study Session

DISCUSSION/BACKGROUND:

The Town of Loomis has partnered with Sierra Business Council (SBC) and Pacific Gas and Electric Company through the Government and Community Partnership Program to create municipal operations and community-wide greenhouse gas emission inventories over the past three years. These inventories provided the town with a comprehensive analysis of greenhouse gas emissions within the town for a baseline year of 2005. On March 8th, 2011 and July 10th, 2012 the Town Council accepted the municipal operations and community-wide inventory reports prepared by SBC, respectively.

At the October 9, 2012 Town Council meeting, the Town Council entered into a participation agreement with the Sierra Business Council. As a part of the agreement, Sierra Business Council would host community workshops to provide options for residents, businesses and the Town to save money through energy efficiency and renewable energy, and to get input from the public on priorities they would like to see the Town pursue regarding those options.

AUGUST 20, 2014 STUDY SESSION:

The purpose of the first study session is to summarize work performed by Sierra Business Council (SBC) for the Town of Loomis in 2010 – 2013. The work conducted included a baseline inventory of greenhouse gas (GHG) emissions for community-wide activities and municipal operations for base year 2005, and a forecast of future emissions to Year 2035. The results of that work were contained in three

separate reports submitted to the Town from 2011-2013. This work sets the stage for the next step in the process -- preparation of the Strategic Energy Resources Report (SERR).

Through a series of charts and other graphic displays, SBC staff will explain the methodology used and the results of the inventory and forecast work previously conducted. Results will be described in terms of energy used by the following community sectors – residential, non-residential and municipal operations. Two different scenarios will be discussed – a baseline inventory which calculated energy used in 2005 and a forecast of future energy use in Year 2035. The primary sources of the energy used will be identified (i.e. electricity, natural gas, etc.) and the amount of emissions the energy use generated will also be discussed. For municipal facilities and operations a more detailed analysis will be presented showing energy usage/emissions for various Town functions as well as associated costs.

The scope of SBC's work for Loomis focuses on energy use by the built environment (i.e. residences, businesses, and municipal buildings and operations). Other sectors that consume energy or produce emissions such as transportation, fleet vehicles, solid waste etc., will not be covered as part of the current work being conducted by SBC; however this work could be undertaken at a future date if so desired by the Town. The energy planning work being done for Loomis comes at virtually no cost to the Town. This is made possible through SBC's collaboration with Pacific Gas and Electric Company and their Government and Community Partnerships Program. The program provides communities with data that can be used for future planning decisions related to energy usage and efficiency.

At the close of the study session participants will have a clear understanding of how energy is used in the community's built environment and what the ramifications of that usage is in terms of emissions. The next step in the process will be creation of goals, strategies and action measures to use energy more efficiently, reduce consumption, and save dollars on energy bills. Those topics will be discussed at Study Session 2.

The study session format is envisioned as being interactive where participants can engage SBC and jurisdiction staff in the discussion of energy usage, ask questions and provide comments and input into the process. Participant comments will be recorded on large flip charts and summarized in written format for submittal to the Town.

CEQA :

The proposed study session is exempt from CEQA.

FINANCIAL IMPLICATIONS:

There is no financial impact to the Town at this time.

Attachment: Study Session Agenda

AGENDA

Town of Loomis
Study Session on Strategic Energy Resources Report
Location - TBD
August 20, 2014 – Time: TBD

- Welcome & Introductions – *Staff and Sierra Business Council (5 minutes)*
- Energy Project Background – *Sierra Business Council (SBC) (5 minutes)*
 - SBC Involvement
 - About SBC – *Greg Jones, SBC Vice President of Operations*
 - PG&E Energy Partner – *Nicholas Martin, SBC Program Director*
 - Statewide Context – *Paul Ahrns, SBC Project Manager (15 minutes)*
 - State Legislation – AB 32, SB 375 and Title 24
 - Statewide Average Residential Usage
 - Statewide Average Non-residential Usage
 - PG&E Programs and Tableau Reports
- Inventory Data (2005 Baseline) – *Paul Ahrns, SBC Project Manager (10 minutes)*
 - When Conducted
 - What was Inventoried
 - Methodology
 - Municipal Costs
 - Results
- Forecast Data (Year 2035) – *Paul Ahrns, SBC Project Manager (10 minutes)*
 - Basis for (population and employment growth rates)
 - Methodology
 - Results
- Next Steps – *Brenda Gillarde, SBC Senior Planner (10 minutes)*
 - Goals, Strategies, Actions for Improved Energy Efficiency
 - Energy Action Plan
 - Timeline
- Break *(10 minutes)*
- Public Questions and Comments *(50 minutes)*