



City of Biggs

Agenda Item Staff Report For the Regular City Council Meeting: November 13, 2012

TO: Honorable Mayor and Members of the City Council
FROM: City Administrator
SUBJECT: Adopt Resolution – 10 Year Energy Efficiency Plan

Council is being asked to consider adoption of a 10- year energy efficiency plan.

Recommendation:

Adopt resolution No. 2012-20 ESTABLISHING ENERGY EFFICIENCY PROGRAM TARGETS

Fiscal Impact:

No new impact associated with this update of data.

Background:

State law requires publicly-owned electric utilities, every three years, to identify all potentially achievable cost-effective electricity efficiency savings, and to set targets for energy efficiency over the following ten years, as directed in Section 3 of Assembly Bill 2021 (Statutes of 2006, Levine):

"On or before June 1, 2007, and by June 1 of every third year thereafter, each local public owned electric utility shall identify all potentially achievable cost-effective electricity efficiency savings and shall establish annual targets for energy efficiency savings and demand reduction for the next 10 year-period."

This information is intended to be used by local utilities as part of their respective resource planning, and also used by the California Energy Commission (CEC), which is required by the statute to develop a statewide energy efficiency target. Such a target is developed in consultation with the state's publicly-owned utilities, investor-owned utilities and the California Public Utilities Commission.

To assist the City of Biggs with the development of 10-year energy efficiency targets, the Northern California Power Agency (NCPA), in collaboration with the California Municipal Utilities Association (CMUA) and the Southern California Public Power Authority (SCPPA), retained the services of Navigant Consulting to develop a customized model that would calculate energy efficiency savings for each of the nearly 40 publicly owned utilities participating in the project. Fourteen NCPA members, including the City of Biggs, participated in the collaboration. NCPA members

participating in the collaboration contributed \$7,000 to this effort, with the exception of Palo Alto, who paid more for additional enhancements to their model. The City of Biggs then utilized the computer model created by Navigant to identify and develop the energy efficiency targets that are up for consideration in this staff report.

NCPA asks that the energy efficiency targets to be adopted by participating members, and then NCPA accumulates and reports the resulting data to the State of California pursuant to state law.

It should be noted that with the recent passage of Assembly Bill 2227 (Bradford), an NCPA-sponsored bill, future target setting efforts will be required every four years, rather than every three years.



Mark Sorensen, City Administrator

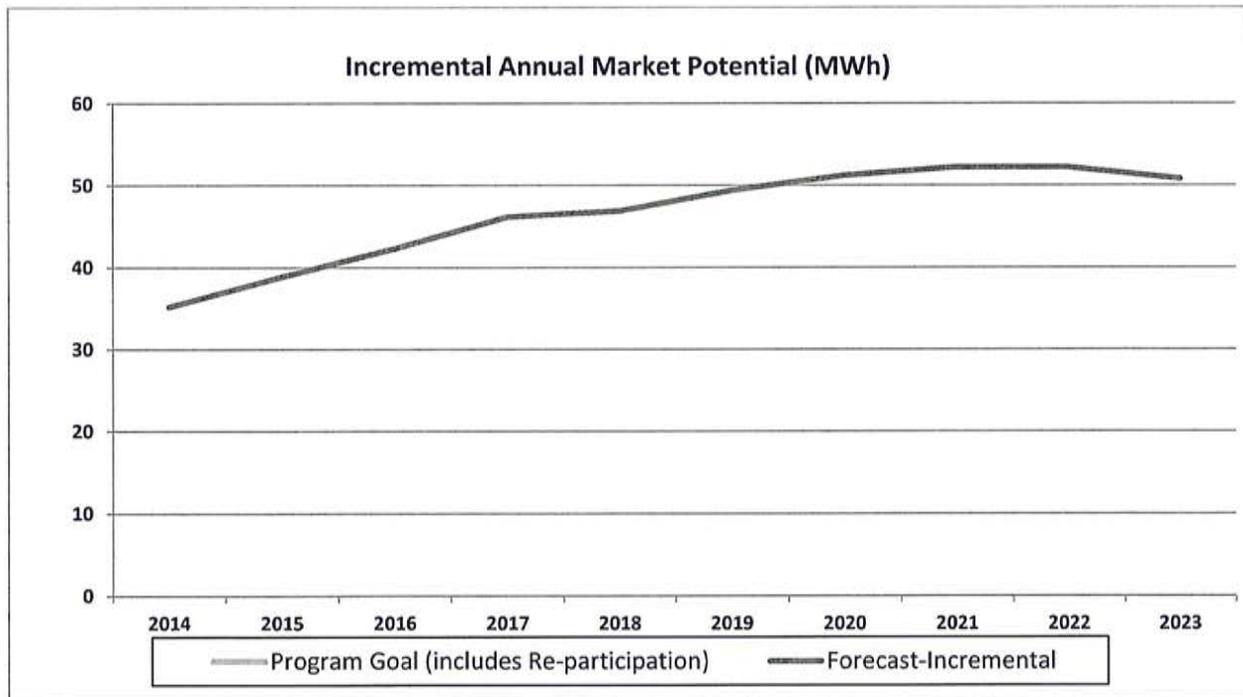
City of Biggs

Council Meeting Date: November 13, 2012

Subject: Adopt Resolution – 10 Year Energy Efficiency Plan (Discussion/Action)

This plan provides the analysis of feasible electric energy efficiency goals for the period 2014 to 2023 for Biggs Municipal Utilities. The 2013 Ten-Year EE Plan is an update to the Ten-Year Goals approved by the Biggs City Council in March of 2010.

The 2013 Plan takes into account updated technology and market parameters, and incorporates lessons learned in implementing programs from the past six years. The goals resulting from this updated analysis are to achieve a .21% and .23% annual incremental savings in 2014 and 2015 and to achieve a 10-year **cumulative** EE savings of 2.71% of total electric load.



Background: A state legislative mandate, AB 2021 (2006), required that cities with electric utilities adopt and report energy efficiency targets beginning in September, 2007. The City of Biggs 2007 Ten-Year Plan was formulated, in collaboration with other members of Northern California Power Agency (NCPA), using an analytical model developed by an energy consultant specifically for NCPA members. The 2007 model was updated in 2010. A new model was developed this year, by Navigant Consulting, incorporating updated methodologies and energy data.

Summary: The current requirement is simply to set targets. Though Biggs did not meet its target in fiscal year 2012, we anticipate the beginning of a commercial lighting retrofit at Sunwest Milling which should allow us to meet our goals in FY 2013 & 2014. Our Ten Year Goals will be updated again in 2016.

Recommended Council Action:

Approve 2013 Ten-Year Energy Efficiency Goals and adopt resolution number 2012-20 Establishing Energy Efficiency Program Targets.

RESOLUTION NO. 2012-20

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BIGGS
ESTABLISHING ENERGY EFFICIENCY PROGRAM TARGETS**

WHEREAS, the City of Biggs (City), has a publicly owned electric utility that provides reliable electric service to its customers from a portfolio of renewable electric resources; and

WHEREAS, California Assembly Bill 2021 (Section 25310 of the Public Resources Code) requires all publicly-owned utilities to identify all potentially achievable cost effective electricity efficiency savings and establish annual targets for energy efficiency savings and demand reduction for the next 10 year period; and

WHEREAS, each publicly owned utility is required to adopt those targets by June 1st, 2013 and to report adopted targets to the California Energy Commission; and

WHEREAS, it is important that there is broad-based public power compliance with Assembly Bill 2021 on a statewide basis; and

WHEREAS, Northern California Power Agency, California Municipal Utilities Association, and Southern California Public Power Agency contracted with Navigant Consulting, an independent organization with well accepted energy efficiency expertise in the energy industry; and

WHEREAS, Navigant provided a modeling tool to help publicly-owned utilities identify energy savings potential and establish energy efficiency program targets; and

WHEREAS, the City utilized the modeling tool and established an energy efficiency program target of 464 megawatt-hours of energy savings over ten years, equivalent to 46.4 megawatt-hours annually, and

WHEREAS, the City utilized the modeling tool and established an energy efficiency program target of 6.4 kilowatts of average annual peak demand reduction.

NOW, THEREFORE BE IT RESOLVED, that the forgoing **RESOLUTION** was duly introduced, passed and adopted at a regular meeting of the City Council of the City of Biggs, held on the 13th day of November 2012 by the following vote:

AYES: COUNCILMEMBER _____

NOES: COUNCILMEMBER _____

ABSENT: COUNCILMEMBER _____

ABSTAIN: COUNCILMEMBER _____

ATTEST:

APPROVED:

Roben Dewsnup
City Clerk

Roger L. Frith
Mayor