



Agenda Date: 3/27/2007
Agenda Placement: 6F

NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

TO: Board of Supervisors
FROM: Martha Burdick for Robert Peterson - Director
Public Works
REPORT BY: Nancy Owyong, STAFF SERVICES ANALYST I , 253-4603
SUBJECT: PSA Agreement with Kenwood Energy

RECOMMENDATION

Director of Public Works requests approval of and authorization for the Chair to sign an agreement with Kenwood Energy for a maximum of \$20,000 for the term March 27, 2007 through June 30, 2007 regarding development of the County's Greenhouse Gas Emissions Baseline Analysis and Action Plan.

EXECUTIVE SUMMARY

Assembly Bill (AB) 32, the California Global Warming Solutions Act of 2006, was recently enacted. AB32 requires the California Air Resources Board to develop regulations that will reduce California greenhouse emission by 25% by 2020, using 1990 as the base year. Mandatory caps will begin in 2012. On January 1, 2009, the State will adopt a plan indicating how emission reductions will be achieved, by establishing regulations to reduce Greenhouse Gas Emissions (GHG).

In December 2006, the Board of Supervisors discussed whether it was advisable to join the California Registry as an initial response to AB32. The California Registry is a nonprofit public-private partnership that serves as a voluntary registry to promote early actions to reduce GHG. While the Board did not take this action, it did request that staff return with a agenda item to discuss further steps to be proactive in the County's response to AB32. In particular, the Board wanted to focus on determination of what baseyear should be established for GHG.

The agreement with Kenwood Energy provides a Scope of Services for technical assistance in understanding GHG, and for assistance in the determining the approach to address the issue. This Scope includes the following two tasks:

- | Presentation to the Board of Supervisors to provide general information on greenhouse gases and GHG Action Plan development, and proposed approach to developing a GHG Action Plan; and
- | Development of the County's GHG Baseline

Kenwood Energy has been selected to perform this service based upon its previous experience in providing

energy consulting services for new and retrofit projects to the County, and because of its experience with development of the Climate Protection Action Plan for Sonoma County.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	Public Works Capital Improvement Program
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	The County needs to adhere to goals and objectives of AB32. Kenwood Energy provides specialized services, beyond the present expertise of staff, to assist in the development of a GHG emissions plan essential in complying with AB32.
Is the general fund affected?	Yes
Future fiscal impact:	Unknown at this time
Consequences if not approved:	GHG emissions plan will not be developed at this time.
Additional Information:	

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: The proposed action is not a project as defined by 14 California Code of Regulations 15378 (State CEQA Guidelines) and therefore CEQA is not applicable.

BACKGROUND AND DISCUSSION

The County has previously taken action to reduce its energy consumption through retrofitting heating, ventilation, and air conditioning (HVAC) and lighting systems in various county facilities, and by utilizing "green" technology in the design and construction of the Sheriff and Juvenile Justice facilities. The County has also started to "green the fleet" through the purchase of super low emission vehicles. The lighting and HVAC retrofit projects, as well as the "green" energy systems built into the new JJC and Sheriff facilities, were accomplished with the assistance of consultation services from Tim Holmes of Kenwood Energy.

As the County moves forward to implement AB32, Public Works contacted Kenwood Energy seeking its interpretation of the new legislation: what it means in terms of previous "green" projects implemented, and what the next steps should be in moving toward compliance with AB32. Kenwood Energy will assist in the County's preliminary effort to understand GHG, and assist in the the research and analysis to establish the GHG baseline.

The development of a GHG Baseline that appropriately reflects the County's GHG emissions requires analysis and records research. Greenhouse gases are emitted by County operations through three major sources:

- | Use of electricity and natural gas for the operation of the County's facilities
- | Use of gasoline and diesel for the operation of the County's vehicle fleet, and
- | By the use of gasoline by the County's staff in their commute.

Efforts to complete the baseline will consist of:

- | Researching County's historical records on energy use in facilities and for the fleet
- | Estimating gasoline used by County employees for commute purposes
- | Determining the breadth of the effort, that is, which buildings and employees should be included in the baseline
- | Determining which year should be used for the baseline considering County records and legislation
- | Evaluating trends based on projects that have been completed, past and future facilities construction, County staffing levels, etc.
- | Evaluating potential GHG reduction goals

Upon completion of the Baseline analysis, staff will present findings to the Board and make recommendations for the next steps, including recommending what year should be established as the baseline year. Kenwood Energy will support staff in the development and presentation of this analysis to the Board.

SUPPORTING DOCUMENTS

None

CEO Recommendation: Approve

Reviewed By: Andrew Carey