

COUNTY OF SONOMA AGENDA ITEM SUMMARY REPORT	Clerk of the Board Use Only Meeting Date Held Until ____/____/____ ____/____/____ Agenda Item No: Agenda Item No: _____ _____	
--	---	--

Department: Transportation and Public Works-NSCAPCD	<input type="checkbox"/> 4/5 Vote Required
--	---

Contact: Barbara Lee	Phone: (707) 433-5911	Board Date: 05/12/09	Deadline for Board Action:
--------------------------------	---------------------------------	--------------------------------	-----------------------------------

Agenda Short Title:
Air District Participation in County-wide Electric Vehicle Coalition

Requested Board Action:
Commit the Northern Sonoma County Air Pollution Control District to participate in the Sonoma County Local Government Electric Vehicle Partnership and approve a resolution authorizing the Air Pollution Control Officer to:

1. Seek, in collaboration with other Partnership members, grant funding from the Department of Energy Clean Cities Grants for Area 4, and from the California Energy Commission Grants under AB 118; and
2. Expend up to a total of \$250,000 in funding from the District’s Vehicle Pollution Mitigation Program for the purchase and installation of charging stations for electric vehicles in Northern Sonoma County; and
3. Execute such agreements and contracts as are necessary and appropriate for participation in the Partnership, application for said grant funding, and purchase and installation of charging stations subject to approval of County Counsel.

CURRENT FISCAL YEAR FINANCIAL IMPACT			
<u>EXPENDITURES</u>		<u>ADD'L FUNDS REQUIRING BOARD APPROVAL</u>	
Estimated Cost	\$ 250,000	Contingencies (Fund Name:)	\$
Amount Budgeted (689034-6540)	\$ 250,000	Unanticipated Revenue (Source:)	\$
Other Avail. Approp (Explain below)	\$	Other Transfer(s)	\$ _____ \$
Additional Requested	\$ -0-	Add'l Funds Requested:	
Explanation (if required): Funds will be included in the 09-10 Budget.			

Prior Board Action(s): Resolution No. 05-0827: Established a Community-wide Greenhouse Gas Emission Reduction Target; Resolution No. 08-0444 authorized the Community Trip Reduction and Sustainability Program to fund efforts in communities in Northern Sonoma to reduce vehicle trips and promote sustainable transportation; authorizing the allocation of \$50,000 in VPMP contract funds to the Community Trip Reduction and Sustainability Program.

Alternatives - Results of Non-Approval: The District would not participate in the EV Partnership, would not fund the charging stations, and other Partnership members would need to secure other local matching funds to pursue the DOE and CEC grants.

Background:

(**Note:** During the Board of Supervisors’ May 12 regular meeting General Services will make a presentation that discusses the Sonoma County Local Government Electric Vehicle Partnership formed to apply for Department of Energy Clean Cities Area 4 funds, and a consent item from the Sonoma County Water Agency includes discussion regarding the partnership. Separate items were submitted as the combination of actions requested by each of the departments are not the same).

In 1991, the California Health and Safety Code was amended by AB 2766 to allow local air pollution control districts to collect fees in the form of a surcharge on motor vehicle registration to support district programs to monitor, address, and mitigate the air pollution effects of the use of motor vehicles. In June 1991, the Board adopted Resolution No. 91-1104 authorizing the Northern Sonoma County Air Pollution Control District (District) to collect the motor vehicle surcharge. Funds collected have supported air monitoring studies, outreach, and a number of diverse projects through the District’s Vehicle Pollution Mitigation Program.

On September 27, 2005, the Board approved a plan to reduce greenhouse gas (GHG) emissions in Sonoma County. In 2005, the Legislature approved, and the Governor signed, AB 32 requiring reductions in GHGs in California. In order to meet both the County’s goals and the State’s goals, significant changes are needed in transportation patterns, fuels, and technology. In addition to reducing GHGs, these changes will also reduce other harmful pollution from motor vehicles, and support overall clean air efforts.

On November 21, 2008, the Renault-Nissan Alliance announced a zero-emissions vehicle partnership in Sonoma County, with local governments including the County of Sonoma, the Sonoma County Water Agency, the Sonoma County Agricultural and Open Space Preservation District, and individual cities within Sonoma County. This partnership is now referred to as the Sonoma County Local Government Electric Vehicle Partnership. Its goal is to support achievement of the County’s commitment to reduce GHG emissions by 25% below 1990 by 2015, and to do so through deployment of electric vehicle technology. The Partnership hopes to deploy 200 charging stations and 1000 electric vehicles. The charging infrastructure will be located on public lands or under contract on private lands, but will be accessible to the public; a card key will activate the charger for network members, who will be billed for the electricity they used, but the network will allow a limited amount of “guest” charging. Local government will be the initial purchasers of the electric vehicles, but the goal is to support private purchase and use ultimately. To accomplish this, the Partnership is seeking grant funding through the Department of Energy (DOE) Clean Cities Grants for Area 4, and the California Energy Commission’s (CEC’s) Alternative and Renewable Fuel and Vehicle Technology Program under AB 118. In seeking these grants, the Partnership must provide local match funding, as specified.

(continued on next page)

Attachments: Resolution

On File With Clerk: None

CLERK OF THE BOARD USE ONLY

Board Action (If other than "Requested")

Vote:

The Northern Sonoma County Air Pollution Control District staff has engaged in discussions with other Partnership members and proposes to officially join the Partnership and to seek, and support efforts to secure, grant funding from the DOE and CEC. Staff proposes to commit up to \$250,000 in funding from the District's Vehicle Pollution Mitigation Program (VPMP) to purchase and install charging stations for electric vehicles in Northern Sonoma County. These funds will provide a portion of the local match needed to secure grant funds. Other Partnership members will provide the remaining match primarily in the form of staff time and the value of the land upon which charging stations will be installed. Each charging station is expected to cost between \$10,000 and \$12,000, including installation costs. District funds are expected to cover the cost of between 20 and 25 stations. These funds were included in the budget for projects to reduce emissions from the use of motor vehicles.

Electric vehicles will be available for purchase from Nissan in late 2010. Staff will return to the Board with a proposal to support the Partnership's vehicle deployment goal before the vehicles are released, possibly including incentive funding for vehicle purchase by members of the public. Participation in the Partnership is proposed in coordination with the Sonoma County Department of General Services.

Recommendation:

Commit the Northern Sonoma County Air Pollution Control District to participate in the Sonoma County Local Government Electric Vehicle Partnership and approve a resolution authorizing the Air Pollution Control Officer to:

1. Seek, in collaboration with other Partnership members, grant funding from the Department of Energy Clean Cities Grants for Area 4, and from the California Energy Commission Grants under AB 118; and
2. Expend up to a total of \$250,000 in funding from the District's Vehicle Pollution Mitigation Program for the purchase and installation of charging stations for electric vehicles in Northern Sonoma County; and
3. Execute such agreements and contracts as are necessary and appropriate for participation in the Partnership, application for said grant funding, and purchase and installation of charging stations, subject to approval of County Counsel.