

Bay Area Clean Air Foundation Annual Report

BOARD OF DIRECTORS SPECIAL MEETING
AS THE SOLE MEMBER OF
THE BAY AREA CLEAN AIR FOUNDATION

Jack P. Broadbent
Executive Officer/APCO

July 29, 2015

Overview

1. Background

2. Foundation Activities:

- City Car Share Project
- Oakley Project
- Shore Terminals Plea Agreement

3. Recommendation

Background

- **July 2008** - BAAQMD Board of Directors approve the establishment of an Air District foundation
- **September 2008** - Bay Area Clean Air Foundation created with the purpose to:
 - Provide financial, administrative, programmatic and other forms of support to the Air District;
 - Engage in activities that further such purposes
- Directors of the Foundation and their staff position:
 - Jack B. Broadbent, *President*
 - Marland Townsend, *Vice President*
 - Jeffrey McKay, *Secretary and Chief Financial Officer*

Foundation Activities

- By close of Fiscal Year 2014, the Foundation had received funds for three separate projects:
 - City Car Share Project: **\$ 546,097** – *Completed 2014*
 - Oakley Project: **\$500,000** – *On hold*
 - Shore Terminals Plea Agreement: **\$250,000** – *In process*

City Car Share - Reformulated Gasoline (RFG) Settlement Fund Grant

Project Description

November 29, 2010, the U.S. District Court approved a \$546,097 grant to the Foundation for Electric Car Sharing Program.

Milestones

- **January 28 - July 30, 2012:** 10 Toyota hybrids converted to PHEV and placed into car-share service.
- **January 31, 2012 – August 31, 2014:** City CarShare collected project usage data.
- **September 5, 2014:** City Car Share submitted White Paper on EVs in car sharing service.

Results

- Total vehicle check outs – 5,234
- Total miles driven – 135,715
- Electricity used – 13,206 kWh
- Electric vehicle miles equivalent driven – 33,395
- Gasoline saved - 2,694 gallons
- Emissions reduced – 0.008 tons of NO_x, 0.012 tons of ROG, 0.0004 tons of PM10, and 11.88 tons of CO₂

Findings

- **PHEV are more fuel efficient than standard hybrid vehicles.** Vehicles achieved a fuel efficiency of more than 100 miles per gallon (mpg) on trips that are 50 miles or fewer.
- **PHEV are well suited for car-sharing.**
- **Public enjoyed using these vehicles.**



Oakley Generating Station Emissions Mitigation Fund

Project Description:

- Contra Costa Generating Station, LLC (CCGS)/Radback Energy, Inc., developing a 624 megawatt power facility generating station in Oakley, California.
- **May 18, 2011** - California Energy Commission (CEC) approved CCGS's application but required them to mitigate 63.88 tons per year (tpy) of particulate matter (PM) 10/PM2.5 and 12.55 tpy of sulfur oxides (SOx) emissions.
- **August 2011** - CCGS provided \$500,000 initial funding for emission reduction projects and administrative fees to the Foundation (up to \$2,003,083 available in installments as new projects are funded)

Project Requirements:

- Diesel emission reduction projects funded by the Foundation shall be evaluated using Carl Moyer Program Guidelines. (Other emission reduction projects with cost-effectiveness of \$32,750 per tpy may also be selected)
- Funding first available to qualified projects located within the Cities of Oakley, Antioch, Brentwood, and Pittsburg.
- After 12 months from the date funding has been provided to Foundation, the program shall expand to qualified projects located in Contra Costa and Alameda Counties, priority given to CARE Communities

Progress to Date

- Since **August 2011**, Air District staff (on behalf of Foundation) conducted outreach in Oakley area seeking projects
- **February 2014** – Appeal of California Public Utility Commission approval of the generating station, resulting in temporary hold on Foundation funding.
- **October 2014** - PG&E notified Radback they were terminating the contract.
- Staff will not proceed with expenditure of existing project funds until appeal is resolved.

Shore Terminals Plea Agreement Funding

Project Description:

- **June 2009** - Air District received \$250,000 pursuant to a plea agreement entered in a Federal criminal prosecution of Shore Terminals LLC related to its operation of a bulk petroleum terminal in Selby, Contra Costa County.
- Under terms of the agreement, funds deposited with the Foundation may be used for Air District projects designed to improve air quality in Contra Costa and Alameda Counties.

Project Requirements:

- Projected to fund the retrofit and replacement of diesel powered back up generators for cities and counties located in Contra Costa and Alameda Counties.

Progress to date:

- Air District Staff continues to work on a regulation for stationary diesel powered back-up generators, expected to conclude in 2015/16.

Recommendation

Request the Board of Directors:

1. Accept the 2014 Annual Report of the Bay Area Clean Air Foundation.



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

BAY AREA CLEAN AIR FOUNDATION

AGENDA: 5

Revenues/Sources

Interest Income	\$ 1,000
General Fund Subsidy	\$ 47,863
Use of Prior Year Cash Balance	\$ 80,889
Total Revenues/Sources	\$ 129,752

Expenditures

Administrative Overhead/Support	\$ 10,000
Program/Project Distributions	\$ 80,889
Tax Filing Services	\$ 3,000
Insurance Premium	\$ 5,000
Other Charges	\$ 500
Total Expenditures	\$ 99,389