



Climate Action Plan

March 2013

Title: Police Department Climate Action Plan

Data Year: Fiscal Year 2011-2012

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1. Introduction

It is the intent of the Climate Action Plan to provide details and steps the San Francisco Police Department is taking to reduce its carbon footprint and ultimately protect the environment. The Mayor's Office of Climate Protection Initiatives implemented the Climate Action Plan. In response to the Mayor's Energy Conservation and Efficiency campaign, all city departments are required to submit a Climate Action Plan to the Mayor's office.

The Police Department is one of the City's largest departments comprised of more than 25 facilities and a vast fleet of vehicles. The majority of these vehicles are marked units which officers utilize to carry out daily patrol functions. The buildings occupied or controlled by the Department are mainly police stations and are open 24 hours a day, 365 days a year. Energy consumption is attributed to the use of electricity and natural gas. For fiscal year 2009-2010, the Department produced 1,843.99 metric tons of CO₂e emissions from natural gas and 200.91 metric tons of CO₂e from electricity. Natural gas and fuel for our vehicles are the highest contributors to our carbon footprint.

The Police Department has participated in the recycling movement long before it was fashionable. The results can be seen when one examines the Annual Departmental Consumptions of Electricity, Natural Gas, Water, and Gasoline. A noticeable difference is in the amount of electricity that the department consumed in FY0910 when compared with FY1012 shows a difference of 377,745. In addition, the consumption difference translates into a financial savings for the city.

The Police Department has an overall goal of reducing electrical consumption and increasing the percentage of waste we recycle at our facilities. By identifying the facilities, fleet vehicles, and other activities which may produce higher levels of greenhouse gases, these actions would result in the lowering of our carbon footprint. We can then continue to lessen the impact on our climate.

2. Departmental Profile

-Departmental Mission

It is the intent of the San Francisco Police Department's Climate Action Plan to outline the steps the San Francisco Police Department is taking to reduce its carbon footprint. The Climate Action Plan, as mentioned, was implemented by the Mayor's Office of Climate Protection Initiatives.

The Police Department's overall goal of reducing electrical consumption, increasing the percentage of waste we recycle at our facilities, and identifying other activities which may produce higher levels of greenhouse gases, will show a marked improvement in lowering greenhouse gases resulting in the lowering of our carbon footprint. We can then continue to lessen the impact on our climate.

-Departmental Budget

Fiscal Year 2012-2013: \$492,124,231

Number of Employees

Total:	2,596
Sworn Officers:	2,168
Civilian Members:	428

-Facilities

The Police Department is comprised of ten district stations, one of which is located within Police Headquarters at the Hall of Justice, as well as a Crime Lab, Tactical Division, Stables, Range, Marine Unit, and Training Academy. In addition to storage facilities, we also maintain other specialized training facilities.

-Vehicles

The Police Department fleet consists of marked vehicles, trucks, motorcycles, vans, and boats, as well as unmarked vehicles. The vehicles are utilized by personnel to conduct the many facets of police functions.

Departmental Contact Information

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3. Carbon Footprint

3a. Building Energy

Insert introductory and verification text here.

3a1. Energy Efficiency

The Police department is a 24-hour, 365-days-a-year, operation. Reflected in the level of operation is the quantity of energy used. Building operation, fleet, and personnel are in constant use and require a commensurate level of energy usage.

3a2. Renewable Energy

At this time, the Police Department does not have any buildings that contribute to renewable generation of energy.

3a3. Green Building

While the Police Department buildings are twelve-plus years or older, efforts continue, to identify and upgrade the building to a LEED standard wherever possible.

A new Police Headquarter project is progressing rapidly. Construction of the Public Safety Building at Mission Bay which broke ground on September 8, 2011 is scheduled for a spring/summer 2014 completion. This building will be home to a new city-wide Police Administration Headquarters, Southern Police Station, and Mission Bay Fire Station.

3b. Water

In 2008, Mayoral Directive 08-05 was issued outlining the need to reduce water consumption by 10 percent. At that time, a Police Department bulletin was issued to remind all members of water conservation efforts. The San Francisco Police Department Facilities Unit Manager instructed all Department Facilities Coordinators to reduce sprinkler usage and to promptly report any water leaks. Broken shower heads were replaced with low-flow fixtures. In addition, throughout police department facilities any time an aerator, flushometer, or toilet needs replacing, the Department of Public Works replaces broken fixtures with low-flow more efficient units. As a result flushometer flow rates are now 1.5 GPM as opposed to 3.0 GPM, and toilet rates are 1.25 GPM rather than 2.5 GPM. These minor changes translate into a substantial savings.

In 2008, the Department partnered with the San Francisco Public Utilities Commission and conducted an audit of police facilities to identify cost saving practices.

The Mission Bay Public Safety Building Project is underway and will be constructed with LEED BDC Gold as a goal.

3c. Transportation & Fuel

The San Francisco Police Department has a fleet of 931 vehicles consisting of marked police cars, unmarked cars, boats, trucks, SUVs, and motorcycles. The listed vehicles and liquid fuel consumption amounts that are being used by San Francisco Environment to calculate the FY11-12 departmental carbon footprint are verified through the Central Shops.

3c1. HACTO

The Healthy Air and Clean Transportation Ordinance (HACTO) requires that all City and County departments with a vehicle fleet to submit a plan that describes the individual department's plan to use transit-first strategies in performance of public duties. Police officers are required to ride public transportation as an integral part of their patrol responsibilities. The San Francisco Police Department responds to emergencies that require an expeditious response, thus using public transportation would be ineffective. With that said the department does however manage their fleet in order to comply with the 5% reduction requirements in HACTO. This year the police department removed from service 62 vehicles. This number reflects considerably more than the 5% reduction requirement in HACTO. In addition, any future vehicle replacement plans will remain well within the HACTO percentage requirement.

3c2. Transportation Survey

Last year the number of participants in Commuter Benefits was higher than this year. The reasons are not yet clear. The San Francisco Police Department continues to get the word out to commuters to ride public transportation whenever possible.

4. Other Sustainable Practices

The Police Department has now on record 38 employees who are enrolled in the Commuter Benefits Pre-Tax Program with FBMC. We currently have a row of bike racks in place at the Hall of Justice for those commuters who ride their bicycles to work. At the various district stations, there are locations where bicycles can be secured for those employees who commute to work on their bicycles.

A new addition for the Police Department has been the participation in the City's City Cycle Program. In our Facilities unit, we maintain bicycles that our personnel can use to bike rather than drive to their nearby meetings. The bicycles are also used to ride to other facilities in the area rather than driving a department vehicle resulting in a fuel cost savings, a lower green house effect and not to mention getting a bit of exercise.

4a. Zero Waste

The Department continues to strive toward our goal of zero waste. We practice composting at our facilities with the help of the Department of Environment we continue to enhance our efforts toward recycling. The Department of the Environment conducts regular audits in an effort to reassess debris box needs and service frequency. This practice has also made an impact on costs and also solidifies the support for composting thus minimizing what we send to landfill.

4b. Green Purchasing

The Department's Purchasing Division is headed by Mr. Donald Hoxie. He completely understands the goals of the department as it pertains to purchases. He regularly checks to see if the Virtual Warehouse can provide repurposed furniture prior to purchasing new furniture. Mr. Don Hoxie and his staff rigorously review requests prior to processing to ensure that overages in stock on hand are not created. Mr. Hoxie ensures that all purchases of paper products are 100 percent "Green."

4c. Carbon Sequestration / Urban Forest

During the heavy rains and wind storms in December 2012 we had to remove eight eucalyptus trees that either fell or posed a serious hazard to personnel. The Department of Urban Forestry frequently responds to perform tree maintenance at our facilities. Figures for carbon calculations of police facilities may be available through SFE.

5. Community Wide Impact

In an effort to promote sustainable practices in our community, San Francisco Environment has assisted the Police Department in conducting waste reduction and recycling audits. With the help of Ms. Rusununguko Made, and Ms. Julie Bryant the Department has been able to substantially reduce refuse-related costs. Since the implementation of SFE recommendations, costs have lowered by \$40,219 in the first year. SFE continues to help us by providing us with containers, signs, and guidance applicable to our operations. This year, SFE is providing new composting containers at police buildings to facilitate composting efforts.

Our Facilities Unit conducts quarterly meetings with the district station Facility Coordinators. At every meeting, two of the top agenda items are energy conservation and recycling. We explore, discuss, and welcome new ideas in which to optimize energy conservation efforts at our facilities. We include guest speakers from San Francisco Environment, the Department of Public Works, and the Department of Public Health to foster direct interagency communications.

The San Francisco Police Department as part of the Climate Action Team realizes small actions can effect large changes in our environment. It is the Department's plan to continue the effort of reducing our carbon footprint and to minimize the deleterious effects on our planet.

6. Summary & Goals

The efforts of all City agencies can be measured in real savings to the community. It is the intent of the San Francisco Police Department to continue to do all it can to lower our carbon footprint. Through the support of the Department of Environment we were able to make sure all of our facilities were using proper sized containers for refuse and our offices were fully outfitted with the materials needed for composting. Though it may seem like a small change over time it makes a huge impact in lowering our carbon footprint.

Appendices

Police

Submitted By: Richard Lee, rich.lee@sfgov.org

Department Head: Chief Greg Suhr, greg.suhr@sfgov.org

(2012-10-23 10:05:33)

Transit-First Policy	50 new bicycles were planned for purchase and replacement of non serviceable units and to have officers patrolling districts on bikes
Success	50 new bicycles distributed to police stations city wide with 9 unrepairable ones surplused to Central Shops
Manage Own?	Yes
Originally, How many were subject to HACTO?	686
Originally, How many were planned for removal?	5
Actual amount removed	48
Explain difference	More older vehicles and high mileaged vehicles were too expensive for repairs and emitting too much emmissions, barely passing smog checks.
Meet compliance? (5% decrease)	Yes
Explain reason for non-compliance	Out of the 48 turn ins the police department was only budgeted 14 black and white sedans
Was there an increase in workload?	Yes

HACTO Annual Plan

Department * Police

Name of Person Preparing Report * Richard Lee

Title of Person Preparing Report * Fleet Manager

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Name of Department Head * Chief Greg Suhr

Does your department promote or plan to promote employees to use public transit for work-related travel? * No

Does your department offer or plan to offer employees access to a bicycle for work-related travels? * No

Would your department like to make a request for more bikes? * No

Does your department belong or have a plan to belong to a City vehicle pool or car-sharing program for work-related travels? * Yes

Is your department able or have plans to host a tele-conference call? * Yes

Is your department able or have plans be able to host a video-conference call? * No

In the 2012-13 HACTO Report, you will have to provide metrics for these programs. How will you track the implementation of these programs? * letter

A. Does your department promote or have plans to promote the use of public transit for commuting to/from work? * No

B. Does your department promote or plan to No

promote the use of bicycles for commuting to/from work? *

C. Does your department promote or plan to promote the use of carpooling for commuting to/from work? *

D. Does your department offer or plan to offer tele-commuting? *

Bonus: How will you promote the Great Race for Clean Air?

Does your department manage any of its own vehicles? *

Measurement for fleet reduction will be based on fleet inventory as of June 30, 2010. On June 30, 2010 how many vehicles from your department's fleet were subject to HACTO? This number is your "Baseline." *

Your 5% fleet reduction is calculated from the Baseline fleet size you supplied in the answer above. What is 5% of the Baseline fleet? Note: this is the average number that must be removed annually through July 1, 2015. *

How many vehicles did your department remove from service during FY 11-12 (July 1, 2011-June 30, 2012)? *

In FY12-13 (July 1, 2012-June 30, 2013), how many vehicles must be removed from service to be compliant with HACTO's reduction mandate? *

How many vehicles is your department *planning to* remove from service in FY12-13 (July 1, 2012-June 30, 2013)? *

The number of vehicles your department plans to remove is: * More than the number needed to be compliant.

The CommuteSmart Team and Clean Vehicle staff have a wide assortment of resources available to you. Please check all of the resources that you would like and we will do our best to accommodate: * No thank you
