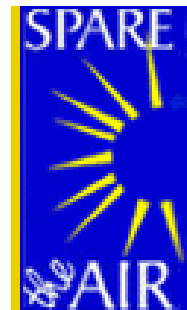




**District's  
“Going Green”  
Environmental  
Program**

# General Overview

- The District has several “green” or conservation initiatives in action:
  - Free Transit for Employees
  - Three Employee Vanpools
    - Employee-financed – maintenance, capital and fuel
  - Spare the Air – free transit days















# Ferry Operations

- Recycled Waste
- Solar Powered Lighting
- Electric Vehicle Parking
- Bicycle Accommodations
- Vessel Engines
- Parking Lot Improvements



# Bus Operations

- Reduced Bus Fleet Particulate Matter (PM) Emissions by 92% since 2001
- Reduced Bus Fleet Oxides of Nitrogen (NOx) Emissions by 56% since 2000
- Half of Bus Fleet Using Tetrafluoroethane (R134a) Refrigerant - ODP = 0

## GOLDEN GATE TRANSIT

- Partnering on a hydrogen fuel cell program
- Reducing emissions
- Looking forward, planning ahead

RIDE FOR THE ENVIRONMENT

# Bus Operations

- Active Partners in AC Transit's HyRoad Zero Emission Bus (ZEB) Program



## GOLDEN GATE TRANSIT

- Partnering on a hydrogen fuel cell program
- Reducing emissions
- Looking forward, planning ahead

**RIDE FOR THE ENVIRONMENT**

[www.goldengate.org](http://www.goldengate.org)



**GOLDEN GATE TRANSIT**

**RIDE FOR THE ENVIRONMENT**

Golden Gate Transit (GGT) is a partner in AC Transit's hydrogen fuel cell demonstration project. By providing public transit to over 7.4 million riders every year, GGT keeps tens of thousands of cars off the roads and is dedicated to reducing emission levels from its fleet.

# Bus Operations

- Participating Members in the Advanced Zero Emission Bay Area (ZEBA) Program
- Testing O<sub>2</sub> Diesel (7% Ethanol Blend) in 2008 for Further Emissions Reduction
- Significant Reductions Achieved in Lube Oil Use and Disposal
  - Outstanding Environmental Achievement Award – Earth Day 2000
- Since January 2002, All Diesel Fuel Is Ultra Low Sulfur – less than 15ppm

## GOLDEN GATE TRANSIT

- Partnering on a hydrogen fuel cell program
- Reducing emissions
- Looking forward, planning ahead

RIDE FOR THE ENVIRONMENT

# Bus Operations

- Advanced Coach Paint Materials
  - Reduction of Approximately 500 Gallons/Year of Paint and Solvent Usage
- Shop Wastewater No Longer Requires Treatment Plant Operation
- Significant Reduction in Power and Water Consumption at All Bus Facilities
- Reduction in Aerosol Dispensers by Utilizing Bulk Products

## GOLDEN GATE TRANSIT

- Partnering on a hydrogen fuel cell program
- Reducing emissions
- Looking forward, planning ahead

RIDE FOR THE ENVIRONMENT

# Telling Our Story

- [www.goldengate.org/green](http://www.goldengate.org/green)



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## Golden Gate Going Green

### Water Conservation Programs

- Installed low-flow toilets, saving up to as 2 gallons per flush
- Installed low-flow aerators, cutting water usage at faucets by as much as 40%
- Converted landscaping irrigation systems to efficient drip systems on timers
- Installed air dryers/coolers on air compressors at Golden Gate Transit (GGT) bus facilities, reducing water usage and sewer waste
- Replaced aging water-cooled compressors at the Bridge with new more efficient air-cooled compressors



### Recycling Programs

- Installed recycling bins to encourage recycling of paper, aluminum, cans, bottles and newspapers
- Initiated recycling program for scrap metal (tires, break shoes and engine parts) and oils
- Installed recycling system for GGT bus washing to reduce water usage, and added ozonator technology to keep recycled wash water bacteria- and odor-free

# Telling Our Story

- Printed Materials



# Telling Our Story

- Outreach
  - 2008 Marin County Fair - *“The Greenest County Fair on Earth”*



JULY 2 – JULY 6

SAN RAFAEL

CALIFORNIA