



**Federal Maritime Commission  
Fiscal Year 2015  
Strategic Sustainability Performance Plan  
Scope 3 Greenhouse Gas Reduction**

## Table of Contents

The Federal Maritime Commission.....	1
Agency Policy Statement .....	1
Sustainability and the Agency Mission .....	2
Greenhouse Gas Reduction Goals .....	3
Summary of Accomplishments .....	4
Table 1: Size and Scope of Agency Operations .....	5
Goal: Reduce Commuting Greenhouse Gas Emissions by 15 Percent.....	5
Goal: Reduce Business Ground Travel Greenhouse Gas Emissions by 10 Percent.....	6
Goal: Reduce Business Air Travel Greenhouse Gas Emissions by 10 Percent .....	6
Fleet Management Plan .....	6

## **The Federal Maritime Commission**

The Federal Maritime Commission (FMC, Agency, or Commission) is an independent agency of the U.S. Government which regulates oceanborne transportation in the foreign commerce of the United States. The Commission administers the Shipping Act of 1984 (1984 Act) as amended by the Ocean Shipping Reform Act of 1998 (OSRA); section 19 of the Merchant Marine Act, 1920 (1920 Act); the Foreign Shipping Practices Act of 1988 (FSPA); and sections 2 and 3 of Public Law (P.L.) 89-777 (46 U.S.C. §§ 44102 and 44103). The Commission (1) monitors the activities of ocean common carriers, marine terminal operators, ports and ocean transportation intermediaries (OTIs, which include non-vessel-operating common carriers and ocean freight forwarders) who operate in the U.S. foreign commerce, to ensure that they maintain just and reasonable practices; (2) maintains trade monitoring, enforcement and dispute resolution programs designed to assist regulated entities in achieving compliance and to detect and appropriately remedy malpractices and violations of the prohibited acts set forth in section 10 of the 1984 Act; (3) reviews competitive activities of common carrier alliances and other agreements among common carriers and/or terminal operators; (4) monitors the laws and practices of foreign governments which could have a discriminatory or otherwise adverse impact on shipping conditions in U.S. trades, and imposes remedial action, as appropriate, pursuant to section 19 of the 1920 Act or FSPA; (5) enforces special regulatory requirements applicable to carriers owned or controlled by foreign governments; (6) processes and reviews agreements, service contracts, and service arrangements pursuant to the 1984 Act for compliance with statutory requirements; (7) reviews common carriers' privately published tariff systems for accessibility, accuracy, and reasonable terms; (8) issues licenses to qualified OTIs in the U.S., ensures that all OTIs are bonded or maintain other evidence of financial responsibility, and, pursuant to 46 U.S.C. §§ 44102 and 44103; and (9) ensures that passenger vessel operators demonstrate adequate financial responsibility to indemnify passengers in the event of nonperformance of voyages, passenger injury, or death.

The Commission began fiscal year 2015 with 111 full time employees (including five Presidentially-appointed Commissioners) and 1 temporary employee. From time to time, there have been one or more unpaid interns on staff. The Commission's headquarters office is located in Washington, DC. Area representatives are located throughout the country – one in Houston, TX, New Orleans, LA, and Seattle, WA; two in Los Angeles, CA, New York, NY, and South Florida.

## **Agency Policy Statement**

The Federal Maritime Commission commits to compliance with all environmental and energy statutes, regulations, and Executive Orders.

The FMC currently maintains existing programs related to recycling of all paper, glass, and plastics; use of energy efficient lighting; and conservation of water at our GSA-leased headquarters building at 800 North Capitol Street, NW, Washington, DC.

Even with these measures in place, the FMC realizes there are opportunities for further improvement. To support the Executive Order and further reduce our Greenhouse Gas (GHG) emissions, the FMC continues to encourage the use of mass transit, the utilization of teleconferencing and webinars to reduce travel by employees, and the purchase of energy efficient equipment.

Currently, the FMC provides the maximum allowable monthly transit subsidy benefit of up to \$130.00 (pre-tax) to each eligible employee and unpaid intern.

The FMC uses a teleconferencing program to hold twice monthly staff meetings with our nine Area Representatives (ARs) located throughout the United States. Audio-visual equipment was installed in the FMC's hearing room so that Commission meetings, all-hands meetings, and other functions could be broadcast on streaming video to include the ARs.

The Agency advances sustainable acquisitions by following the FAR and OFPP's guidelines for its contracts and obligations for our procurement program and all acquisitions performed. The FMC follows GSA's excess and disposal guidelines and requirements for IT equipment, furniture, etc. Many of the FMC's publications are available through our website, and hard copy production of these publications has been reduced significantly over the last several years. The Commission's two high-volume copiers were replaced with ENERGY STAR® qualified Xerox ColorQube multifunction printers. Printers and copiers have been defaulted to print in duplex mode, and staff is advised to use this feature when practical. EPEAT certification (Electronic Product Environmental Assessment Tool - an environmental rating which identifies greener computers and electronic equipment) is considered when procuring IT equipment. All monitors, desktop and laptop computers have the sleep/power save mode enabled.

## Sustainability and the Agency Mission

The FMC's mission is to foster a fair, efficient and reliable international ocean transportation system and to protect the public from unfair and deceptive practices. We have a twofold strategic focus - *maintaining an efficient and competitive international ocean transportation system* and *protecting the public from unlawful, unfair and deceptive ocean transportation practices*. The smooth flow of international commerce is vital to the national economy in both providing access to foreign markets for our exports and ensuring the availability of imported goods for domestic production and consumption.

Although the Commission is small, it carries out a number of activities related to the oversight of an industry with over 19.2 million Twenty Foot Equivalent Units (TEUs) of containerized U.S. imports and 11.9 million TEUs of U.S. exports in fiscal year 2014.

During FY 2015, the Commission's Maritime Environmental Committee hosted two presentations in its Brown Bag Speaker Series, including:

- Presentations by Kris Gilson, REM, CHMM, Environmental Protection Specialist, U.S. Maritime Administration; Bill Noggle, Environmental Protection Specialist, U.S. Environmental Protection Agency; and Kathy Metcalf, Director of Maritime Affairs,

Chamber of Shipping of America. The speakers discussed issues related to ship recycling including the Hong Kong Convention, environmental impacts of ship recycling, and efforts being made to mitigate the environmental impacts.

- Presentations by Jason Gedamke, Ocean Acoustics Program Manager, NOAA Fisheries' Office of Science and Technology, and Sean Kline, Maritime Affairs Specialist, Chamber of Shipping of America. The speakers discussed issues related to the reduction in vessel noise as it relates to shipping, including topics on potential impacts of vessel noise and mitigation efforts.

Additionally, the Commission hosted the Third Annual Port Environmental Initiatives Forum, *Collaborating with Competitors: Challenges, Goals, and Success Stories in Addressing Environmental Concerns*. Participants included the Director of Environmental Management, Port of Los Angeles; the Managing Director of Environmental Affairs and Planning, Port of Long Beach; the Senior Director of Terminal Operations, APM Terminals Elizabeth representing the Port of New York/ New Jersey Sustainable Services Agreement; and the Senior Air Quality Program Manager, Port of Seattle. The discussion was moderated by the President of the American Association of Ports Authorities, and focused on cooperation among competing neighbor ports and terminals to achieve environmental benefits in their surrounding communities under the authority of the Shipping Act of 1984.

The Chairman's Earth Day Award recognizes members of the maritime transportation industry for innovation and success in developing environmentally sustainable shipping practices. The Award is given annually and highlights technologies, programs, or practices of the maritime transportation industry that, through efficiency or innovation, benefit the environment. The award also looks to emphasize efforts that provide a reduction in environmental harm, emissions, or pollutants, and increase the public's awareness of the maritime transportation industry's efforts to protect the environment. In 2015, the Chairman's Earth Day Award recognized the environmental programs of Crowley Maritime Corporation. Crowley Maritime has sought to increase its corporate environmental stewardship by undertaking a number of initiatives across its lines of business, underscoring Crowley's commitment to the environment.

## **Greenhouse Gas Reduction Goals**

The Federal Maritime Commission does not own any real property or vehicles. Headquarters offices are co-located with several other Federal government tenants in a privately-owned building leased by the General Services Administration (GSA). Our nine Area Representatives are also located in GSA-leased space. The headquarters building is managed by a property management company (CIM) which has earned an Energy Star Rating from EPA, indicating that they are above the 75<sup>th</sup> percentile of office buildings with regard to energy usage. CIM has put water-saving initiatives in place, including aerators on all bathroom faucets and automatic flushing toilets, and conducted a review of lines and pumps to ensure that there are no leaks. Additionally, energy efficient T-8 bulbs have been installed throughout most of the headquarters building.

As tenants, we are unable to identify GHG scope 1, 2 and 3 emissions except for those generated by employee business travel and commuting. Our capacity to affect greenhouse gas emissions generated by utility consumption is limited to supporting the building management company's efforts, but we pursue cooperation with these efforts down to the individual employee level. We will continue to work with GSA and building management to raise the consciousness of each employee regarding their ability to contribute to the goals of this effort.

At the mid-point of FY 2015, 58 percent of FMC employees (70 of 120) were participating in the Federal transit benefits program. Additionally, 5 unpaid interns were also participating in the program. Employees and interns are encouraged to make use of mass transit, telework, and/or a compressed work schedule, which can reduce the use of these resources.

The FMC limits business travel to that which is required to support mission objectives. The FMC will continue to closely monitor requests for travel authorizations to ensure only mission-critical travel is undertaken and that alternatives to travel are implemented whenever doing so will not undermine the agency's mission.

The Commission considers EPEAT certification when procuring IT equipment, and all agency acquisitions follow the FAR and OFPP's guidelines. All monitors, desktops, and laptops have the sleep/powersave mode enabled. Printers have the capability to print in duplex mode, and users are advised to use this feature when practical. The Commission's two high-volume copiers were replaced with Xerox ColorQube multifunction printers, which are Energy Star® qualified under the Energy Star Program Requirements for Imaging Equipment.<sup>1</sup> We have migrated a portion of our on-premise data center to a virtual environment, reducing the number of required physical servers and the power consumption associated with them. A cloud-based managed service email provider has been employed to improve availability and reduce on-premise energy consumption and cooling needs. The FMC disposes of all excess IT equipment in accordance with applicable Federal guidelines.

Many FMC publications are available through our website, and hard copy production of publications has been reduced significantly over the last few years.

## Summary of Accomplishments

The Commission is dedicated to reducing Level 3 Greenhouse Gas Emissions. Prior to the Executive Order's implementation, the Commission put into practice several initiatives that contribute to the reduction of greenhouse gas emissions.

- Participation in the transit subsidy program
- Offering alternate work schedules to staff
- Offering telework opportunities to staff

---

<sup>1</sup> The Energy Star Imaging Equipment Program is a team effort between U.S., European Union and Japanese governments and the office equipment industry to promote energy-efficient copiers, printers, fax, multifunction machine, personal computers, and monitors. Reducing product energy consumption helps combat smog, acid rain and long-term changes to the climate by decreasing the emissions that result from generating electricity.

- Enabling computer equipment (printers and monitors) and copiers to power down when not in use
- Participation in the building management’s recycling programs

Additionally, Chairman Mario Cordero reminded all employees that May is National Bike Month, and encouraged employee participation in Bike to Work Day on May 15, 2015. Sponsored by Commuter Connections and the Washington Area Bicyclist Association, “Bike to Work Day” encourages commuters to ride their bicycles to work.

**Table 1: Size and Scope of Agency Operations**

Agency Size and Scope	FY 2015
Total Number of Employees as Reported in the President’s Budget	124
Total Acres of Land Managed	0
Total Number of Facilities Owned	0
Total Number of Facilities Leased (GSA and Non-GSA lease)	6*
Total Facility Gross Square Feet (GSF)	65,312**
Operates in Number of Locations Throughout U.S.	7
Operates in Number of Locations Outside of U.S.	0
Total Number of Fleet Vehicles Owned	0
Total Number of Fleet Vehicles Leased	9

\*The Area Representative based in New Orleans, LA has been provided an office in a Federal government facility at no cost to the Commission, and to more efficiently use space in that building.

\*\*The Commission has reduced its GSF from 66,431.

**Goal: Reduce Commuting Greenhouse Gas Emissions by 15 Percent**

- Agency Lead for the Goal: Vern W. Hill, Managing Director and Senior Sustainability Officer
- Implementation Methods: Encourage more staff to use public transportation. Explore the option for more staff to work an alternate work schedule. Research the feasibility of more staff teleworking.
- Position: The Commission provides the opportunity for headquarters staff and interns to participate in the transit subsidy program. Seventy of the Commission’s 120 employees and 5 unpaid interns currently use transit subsidies and some form of public transportation to commute. Staff members are aware that the Commission offers the opportunity for them to work an alternative work schedule. Currently, approximately 53 percent (63 of 120) of the Commission’s employees participate in this program.

An alternative work schedule program is offered to all Commission employees. While all employees are eligible to telework, the Commission’s small size and the current IT infrastructure limits the ability of certain employees to telework. As funds allow, IT upgrades will be made to fully automate work flow processes to enable more employees to carry out their functions while teleworking. Further, the Commission’s policies on telework are being revised this fiscal year to more closely align with those of the Office of Personnel Management.

**Goal: Reduce Business Ground Travel Greenhouse Gas Emissions by 10 Percent**

- a. Agency Lead for the Goal: Vern W. Hill, Managing Director and Senior Sustainability Officer
- b. Implementation Methods: Encourage staff to use public transportation. Explore the option for participation in meetings or training via teleconference.
- c. Position: The Commission encourages the use of mass transit whenever possible, including transportation to and from meetings in the Washington, DC, area. For travel outside the area, the Commission must approve the use of a rental car prior to travel. Rental cars are approved only when there is no public transportation or free shuttle available. The Commission continues to encourage the option of staff participating in meetings and training through teleconferencing or webinars.

**Goal: Reduce Business Air Travel Greenhouse Gas Emissions by 10 Percent**

- a. Agency Lead for the Goal: Vern W. Hill, Managing Director and Senior Sustainability Officer
- b. Implementation Methods: Encourage staff to participate, whenever possible, in meetings via teleconference, video teleconference, or webinar.
- c. Position: Commission staff must sometimes travel within and outside the United States to fulfill the agency’s statutory responsibilities, and participate in local or regional outreach programs, industry educational forums, dispute resolution meetings, or training. Travel locations are often determined by outside parties or circumstances beyond the Commission’s control. The Commission is dedicated to reducing Level 3 Greenhouse Gas Emissions and will explore and attempt to develop alternative options for communicating and fulfilling its mission responsibilities.

SCOPE 3 GHG TARGET	UNITS	FY 2008	FY 2012	FY 2013	FY 2014	FY 2020
Business Ground Travel	mtCO2e	11	5	2	4	
Business Air Travel	Kg CO2 equivalent	127,152	81,365	27,839	50,505	

**Fleet Management Plan**

The FMC fleet does not require reporting as it consists of nine mid-size, fuel efficient vehicles leased from GSA. The data for these vehicles is reported in the GSA’s FAST Data Center.