

Environmental Programs

Environmental compliance is good business

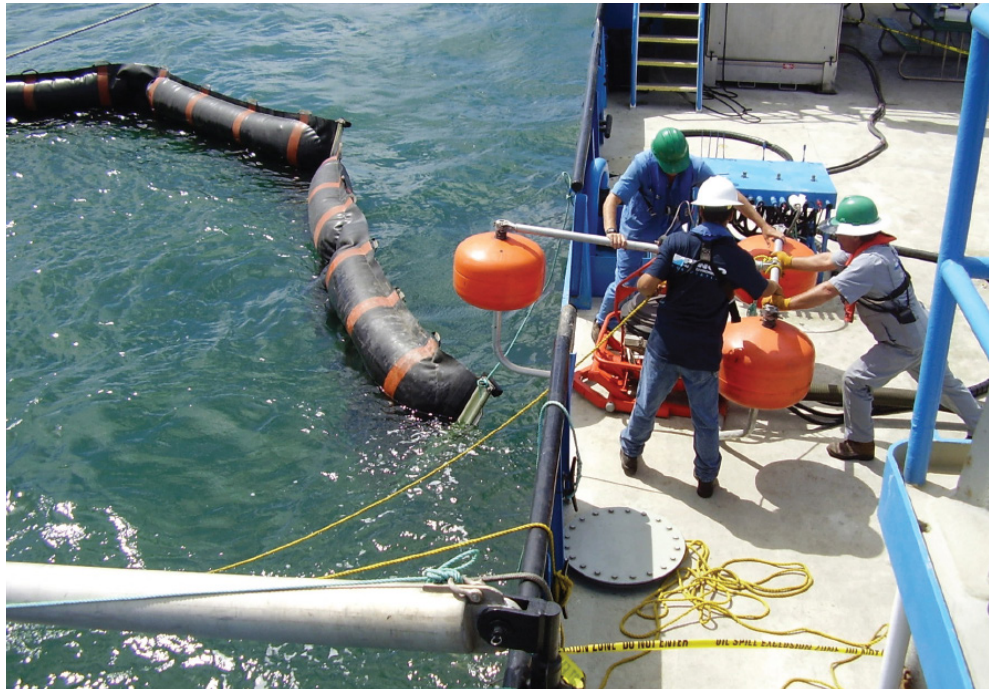
When it comes to protecting the environment and ensuring public safety, Hawaiian Electric is continually working to improve our processes and procedures to achieve environmental excellence.

More than thirty environmental professionals, including scientists, engineers, chemists, and a wildlife biologist work full-time at our company to make sure that employees and outside contractors understand and meet all applicable environmental laws, regulations, permitting requirements and procedures regarding air and water quality, noise control, hazardous materials, and protected species.

Environmental training ensures protection

Hawaiian Electric's Environmental professionals oversee an environmental training program for hundreds of employees, who in turn have invested thousands of hours learning about air quality requirements, spill prevention control and countermeasures, storm water runoff, and proper handling and disposal of hazardous materials, as well as protected species concerns. Compliance with environmental regulations is a job requirement for all employees.

Although Hawaiian Electric takes great care to operate and maintain its facilities to avoid environmental problems, our company is prepared



Oil Spill response training is part of annual emergency exercises for Hawaiian Electric utilities.

to meet its responsibilities in the event of emergencies. As one example, our company conducts annual exercises with the State, the U.S. Coast Guard and the Marine Spill Response Corporation, often mobilizing over a hundred employees at a time, to train for emergency scenarios involving oil spills. During the pandemic, drills were held virtually online.

Addressing climate change impacts

One area of responsibility is greenhouse gas issues. In 2007, the Hawaiian Electric Company adopted a global warming policy and has since annually published a Corporate Sustainability Report to inform stakeholders on our renewable energy progress and environmental stewardship.



Between 2006-2013, Hawaiian Electric voluntarily participated in the Carbon Disclosure Project, an independent global climate change reporting system.

Also, until 2009, Hawaiian Electric voluntarily reported its greenhouse gas (GHG) emissions to the U.S. Department of Energy's Energy Information Administration 1605 (b)



**Hawaiian
Electric**

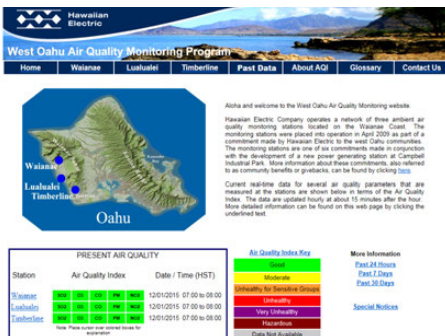
program. Beginning with 2010 data, our company has been reporting our GHG emissions under the U.S. Environmental Protection Agency's mandatory GHG emission reporting regulations.

Fish monitoring program

As part of Hawaiian Electric's Campbell Industrial Park Generating Station Community Benefits Program, our company reinstated a fish monitoring program along the Leeward Coast of O'ahu to track changes in fish communities and populations.

West O'ahu air quality monitoring

Also as part of the Community Benefits Program, in 2009, Hawaiian Electric installed three air quality monitoring stations at Wai'anāe, Lualualei, and Makakilo (by Camp Pālehua) to measure the daily air quality index or AQI in the West O'ahu area. Data collected from the monitors have consistently shown the air quality in the West O'ahu area has been very clean, well within the range of the air quality standards. A companion website, www.westoahuair.com, includes details on area temperature, recent rainfall, and wind speed and direction.



West O'ahu residents can find real-time air quality data at www.westoahuair.com



Hawaiian Electric environmental staff help clean up Mānoa Stream.

Mālama our 'āina

For more than 25 years, Hawaiian Electric participated in the Ocean Conservancy's annual International Coastal Cleanup by collecting marine debris along the one mile stretch of shoreline fronting the Kahe Power Plant.

In recent years, the Environmental Division planted trees at Pālehua as part of the Mālama Learning Center's Ola Nā Kini reforestation program and adopted a portion of the Mānoa Stream under the City & County of Honolulu's Adopt-a-Stream program, removing trash and debris twice annually to help keep O'ahu waterways clean.

Protected species program

To ensure the protection of Hawai'i's endangered and threatened species including avian wildlife, bats, insects, plants and other species, the Hawaiian Electric company has been involved in numerous efforts on O'ahu, Maui Nui and Hawai'i Island under the guidance of a full-time

wildlife biologist. From conducting annual seabird awareness trainings for employees to refining operational procedures, developing infrastructure guidelines and protocols, and partnering with nonprofit, private and government organizations, our company has taken a voluntary, proactive approach to protecting Hawai'i's endemic flora and fauna while ensuring reliable electric service for our customers.

