



Honeywell | Smart Grid Solutions



Background:

Honeywell is a publicly traded company with 132,000 employees in offices around the world. For more than 35 years, the company's Smart Grid Solutions (SGS) business has helped 60 utilities around the world reach their energy-management goals and meet regulatory requirements through energy efficiency and demand response programs that are powered by industry-leading technology. SGS also provides turnkey program management – from customer recruitment to hardware and software installation – and customer care services that boost participation and program results.

The Honeywell office in Honolulu is committed to helping improve the health and quality of life of the island's citizens, and the sustainability of its community. An essential part of that commitment is to institute operational policies that actively promote clean air, conserve natural resources, and reduce the country's dependence on foreign oil.

Energy Efficiency & Water Conservation:

- + Partnering with programs that have direct community outreach goals, e.g., Hawaii Community Action Program, Maui Economic Organization, Hawaii County Economic Opportunity Council and Housing and Urban Development
- + Setting monitors for automatic monitor shut off ten (10) minutes
- + Setting computer to activate sleep mode after thirty (30) minute and hibernation after one hour
- + Changed administrative printer policy to only allow black and white document printing
- + Using laptop computers when available and applicable
- + Introduced adjustable standing workstations for increased employee health benefit and workplace ergonomics/functionality
- + Turning off computers, copiers, printers and monitors that are not in use
- + Unplugging electronic devices at the end of the day
- + Using shades and blinds to regulate sunlight in all appropriate areas
- + Using energy-efficient task lighting rather than overhead lighting if possible
- + Installing occupancy sensors in private offices and conference room
- + Installing a timer on water dispensers to turn off the heating element when the office is closed
- + De-lamping 32 bulbs from overhead light fixtures, going from 3 bulbs per fixture to 2

Recycling & Waste Reduction:

- + Using duplex (double-sided) for all copy and laser printing jobs
- + Printing documents only when necessary and editing documents on-screen whenever possible
- + Convert and manage all of our company documents to final PDF version to offset the need for printing material
- + Reducing the use of rubber bi-products in the office
- + Reduced plastic use by 100% by adopting a policy to use washable utensils
- + Recycling cans, bottles and inkjet/toner cartridges
- + Recycling, within EPA regulations, non-energy efficient appliances and replacing them with energy-saving models

- ✦ Purchasing products for office use with a minimum of 30% recycled content
- ✦ Sending all memos to staff through email, eliminating the use of hardcopies
- ✦ Deployed Skype for instant messaging, video conferences and document sharing. This allows for greater workplace flexibility, communication ultimately telecommuting for greater productivity
- ✦ Reusing previously used paper for note paper
- ✦ Utilizing recycled paper labels for approximately 2,500 plus customers by purchasing reusable self-inking stamps

Pollution Prevention:

- ✦ Offering to subsidize all employees' bus passes to reduce use of single-occupancy vehicles
- ✦ Planning trips to combine as many tasks into one trip as possible to minimize driving
- ✦ Minimizing driving by using conference calls instead of having meetings
- ✦ Worked with companies within walking distance to offer discounts to our employees to reduce travel during their breaks
- ✦ Purchasing dry erasable passes for each work station to be used for note taking, eliminating the use of post-its
- ✦ Purchasing large plants to improve oxygenation levels in the office, recycling the air naturally for employees
- ✦ Opened up some of the areas cubicle seating by removing walls to allow more natural light to come into the building
- ✦ Purchasing cleaning products in pump spray containers to replace aerosol cans
- ✦ Reducing carbon emissions by 60,000 lbs by installing a carbon dioxide sensor to monitor the office air quality.