

Sustainability: More than our logo is green



EasyStreet has a long-standing commitment to sustainable practices and is on the forefront of design and implementation of sustainable IT in Oregon. We continue to actively mitigate the environmental consequences of energy consumption that go hand-in-hand with being a thriving data center and IT-as-a-Service provider.

Sustainability is not an afterthought at EasyStreet, there is a long-standing commitment and part of our core values. EasyStreet's newest data center represents years of research and design equity to build the most energy-efficient colocation facility in the region. Energy-saving technologies such as Indirect Evaporative Cooling, effective airflow management techniques and chimney cabinets reduce costs as well as carbon emissions while directing more power to customer cabinets. It is both a wise and responsible design. With this state-of-the-art design, we have achieved an estimated ≤ 1.3 PUE (Power Usage Effectiveness) where a traditional data center is typically above a 2.0. The technologies employed are not only good for the environment, but the efficiencies gained also allow EasyStreet to deliver the higher power density of 200 W per square foot (or 5 kW per cabinet) that is required by today's computing equipment.

A DATA CENTER DESIGN UNIQUE IN THE INDUSTRY

Although it has gone through subsequent refinement, EasyStreet's newest data center was first conceived in late 2007, when an exceptional group of engineers, energy-efficiency consultants and other experts from around the nation gathered in Beaverton to participate in an intensive charrette to achieve a data center design with the ideal balance between energy efficiency, affordability and performance. In addition to EasyStreet, participants in the charrette included:

- Intel Corporation
- IDC Architects
- Heery International
- Archinetix
- Portland General Electric (PGE)
- Lawrence Berkeley National Laboratory (LBNL)
- The State of Oregon
- Energy Trust of Oregon
- The U.S. Department of Energy (Save Energy Now Program)
- The U.S. Environmental

Protection Agency's ENERGY STAR Program

- Stanford Institute for the Environment (Stanford University)

Data Center 2 Overview

- This 7,000+ sq. ft data center will reduce the kW hours used by a traditionally-designed facility by over 1.5 million, enough savings to power 153 average households for a year.
- Extensive rainwater capture and filtering system designed to use the 25,000 gallon tank and only use supplemental city water only when necessary. Rainwater alone will cool the data center most of the year.
- More efficient and reliable flywheel-based UPSs — do not require the continuous recharging of conventional batteries and is considered seven times more reliable than battery-powered systems.
- EasyStreet's is the first data center to receive funding assistance through the state's Small Scale Energy Loan Program (SELP). Due to several

design innovations, EasyStreet's new data center now serves as a blueprint for improved efficiency at other data centers in the state by contributing to the Oregon Department of Energy's expertise in energy-efficient data center design.

- EasyStreet offers Cloud Computing and Managed Virtualized Services to its customers, the use of which can greatly reduce energy consumption by increasing the CPU utilization of each physical server — fewer pieces of hardware have to be plugged in to get the same compute power.
- Energy Trust of Oregon presented EasyStreet with a check for nearly \$350,000 for the energy it will save in this new facility.

100 PERCENT RENEWABLE ENERGY CONSUMPTION

Buying 100 percent Portland General Electric (PGE) Clean WindSM power offsets for both data centers and its offices, EasyStreet claims a zero carbon footprint for its data center operations — a benefit that is passed on to customers wishing to reduce their own carbon footprints. EasyStreet offers the energy efficiencies gained from wise design choices to provide services with no “green surcharge” to its customers.

Named PGE's 2008 “Green Power Leader,” EasyStreet is one of three PGE Platinum-Level Clean Wind partners. And, with nearly 5,000,000 kWh renewable power purchased per year, EasyStreet has been named a Green Power partner at the Leadership

Club level by the U.S. Environmental protection agency.

EasyStreet is also a member of NW Natural's Smart Energy™ Circle and contributes to the Smart Energy Program at the 100% offset level. The climate Trust, a nationally recognized non-profit, invests the program dollars in clean energy, with an emphasis on biogas.

100 PERCENT WATER RESTORATION

In addition to renewable energy offsets, EasyStreet procures Water Restoration Certificates™ through the Bonneville Environmental Foundation to cover 100 percent of its water usage — the first and only data center services provider in the nation to do so.

INTERNAL GREEN TEAM DRIVES SUSTAINABLE PRACTICES

In addition to our energy efficiencies, EasyStreet recognizes that caring for the environment is crucial to the well-being of its employees, customers and Oregon's economy and livability. All employees actively work to lessen the environmental consequences of energy consumption that too often go hand-in-hand with being a data center-based business.

An EasyStreet “Green Team”

meets regularly to work on sustainability issues. The team includes the CEO, several executives, managers and staff members from all departments. Some of the waste reduction practices EasyStreet has adopted include:

- Employment of Espresso Building Services, a local environmentally-friendly cleaning service
- An open office design has environmental benefits, including an abundant use of skylights and dual-pane windows to minimize the use of artificial lights
- Use of high-efficiency bathroom fixtures (including motion-sensing water faucets)
- Use of fluorescent and Compact Fluorescent Lights (CFL)
- Replacement of CRT monitors with LCD screens
- All unused lights are turned off overnight
- Use of filtered tap water instead of bottled water
- A full kitchen with washable tableware instead of plastic and paper reduces waste
- Use of recycled paper towels and cloth hand towels
- A thorough recycling program with a high participation rate and use of 100 percent post-



consumer paper for routine office printing

- Installation of a compost bin and planted a container garden
- Use of an extensive intranet rather than printed manuals to document company procedures
- All conference room tables and chairs are from HON, a "green" furniture company
- EasyStreet purchases Energy Star rated and EPEAT-certified equipment whenever possible

Recently, the Green Team invited representatives from Solar Beaverton to present an overview of the City's residential solar power incentives to interested staff members.

EasyStreet is a champion of alternative transportation. All EasyStreet employees receive annual TriMet passes. The company is also a member of the Westside Transportation Alliance. Working with PGE, EasyStreet has installed in its parking lot an EV station for use by employees, customers and the community for charging electric vehicles.

SUSTAINABILITY ACCOLADES

EasyStreet has earned many local and national awards and designations for its sustainable practices, including:

Portland General Electric:

- Green Power Leadership Award, 2008
- One of three Platinum-level Clean Wind Partners

Oregon Business Magazine:

- 100 Best Green Companies to Work for in Oregon, 2009, 2010 and 2011

League of American Bicyclists:

- Bronze Award, Bike Friendly Business, 2009
- Silver Award, Bike Friendly Business, 2010

U.S. Environmental Protection Agency (EPA):

- Green Power Partner, 2009 and 2010 at the Leadership Club level

Portland Office of Sustainable Development:

- 2011 Finalist, Businesses for an Environmentally Sustainable Tomorrow (BEST) Awards



EasyStreet Online Services, Inc.
9705 SW Sunshine Court
Beaverton, OR 97005

(503) 646-8400
(877) 567-EASY

www.easystreet.com

