



Sustainable Skagit

Climate Action and Sustainability Initiative

2012 Q2
REPORT

Program Goals

The Climate Action and Sustainability Initiative's program goals are derived from Skagit County's Climate Action Plan, approved by the Board of County Commissioners in March 2010 (Resolution R20100095):

- Reduce energy use to **15%** below 2008 levels by 2011.
- Reduce garbage collection to **10%** below 2008 levels by 2011.
- Reduce utility costs to **10%** below 2008 levels by 2011.
- Promote conservation with all staff.
- Conduct audits of county facilities and implement Facility Action Plans.
- Avoid unnecessary utility and fuel costs.
- Minimize waste of consumable materials.
- Publicize results of this conservation effort to staff and the public.



Waste Reduction

Zero-Waste Events (ZWE): Continued to implement the ZWE program. In 2012 Q2, the ZWE program:

- Recognized **11** Zero-Waste Events, with a total attendance of **+15,000** people.
- Diverted **8,529 pounds** of waste from the landfill through composting and recycling.
- Completed extensive sign remodel and repairs.



GreenPrint: A print-reduction program installed on 120 computers in the 1800 Continental Building. In 2012 Q2, GreenPrint helped save:

- **434** pages from being printed and **\$178** in printing costs.
- Initial upgrade experienced several technical issues, causing most staff to stop using program. A new upgrade is planned for 2012 Q3.

By the Numbers

153,000

Pounds of waste diverted since 2010

475,000

Attendance at ZWE since 2010

13,900

Pounds of CO2 saved using GreenPrint since May 2011

\$1,740

saved using GreenPrint since May 2011

19,370

Pages saved by using GreenPrint since May 2011

52

Home energy assessments completed for SCEC

556,000

Kilowatt-hours identified as potential savings for SCEC

Energy Efficiency

Energy Savings Performance Contract (ESPC) with McKinstry:

- McKinstry and its sub-contractors completed majority of lighting, plumbing, mechanical/electrical, and commissioning work. This was completed in the following buildings: Courthouse, Annex, Administration, Public Safety Building/Jail, Moen, Senior Center, 1800 Continental, and Fairgrounds.
- Sent emails to buildings and departments to provide notification and answer questions about the scope of work and needed coordination.



Lighting Upgrade: Before and After



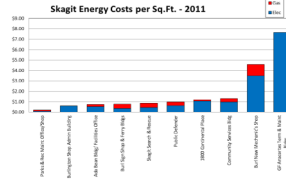
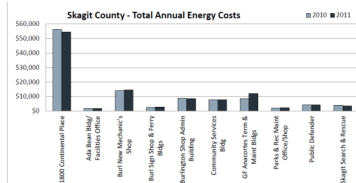
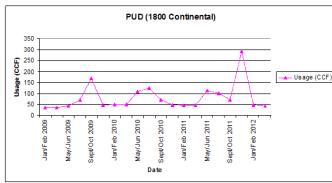
New variable speed fan

Resource Conservation Manager Program

2012 Q2 marked the completion of the Dept. of Commerce grant, meant to provide support and technical assistance to the RCM. In Q2, several projects were completed and the remainder of the grant was spent.

RCM Assistance:

- **Facility Assistant:** Completed assessments of **10** facilities not previously completed and annual reviews of existing facility action plans. Identified **62** Energy Conservation Measures, of which **\$6,000** worth of work would have a payback of less than **3** years.
- **Technical Assistant:** Completed organization and summary of all RCM files, including **230** electronic files, and results reporting, audits, and facility action plans. Provided **8** summary documents, including a high-level summary of existing documents and reports.
- **Data Entry Assistant:** Completed data entry and analysis for **125** individual utility accounts, focusing on water, sewer, and garbage utilities. Completed **247** graphs showing trends in cost and usage and **13** documents summarizing the results and findings.



Marina Office Building - 15400 Airport Drive, Burlington	
2010 Annual	11,242.00
2011 Annual	11,242.00
2012 Annual	11,242.00
2013 Annual	11,242.00
2014 Annual	11,242.00
2015 Annual	11,242.00
2016 Annual	11,242.00
2017 Annual	11,242.00
2018 Annual	11,242.00
2019 Annual	11,242.00
2020 Annual	11,242.00
2021 Annual	11,242.00
2022 Annual	11,242.00
2023 Annual	11,242.00
2024 Annual	11,242.00
2025 Annual	11,242.00
2026 Annual	11,242.00
2027 Annual	11,242.00
2028 Annual	11,242.00
2029 Annual	11,242.00
2030 Annual	11,242.00

RCM Training

- Completed **5** classes for Building Operators Certification. Will complete certification in 2012 Q4.
- Attended **3**-day Energy/Facilities Connection Conference.
- RCM and one Facilities staff member attended **2**-day West Coast Energy Management Congress.

Skagit Community Energy Challenge

The SCEC pilot program continued with strong support and participation. The program is expected to be completed by September 2012.



Summary of 2012 Q2 Results:

- **15** new participants signed up, leaving **17** open slots.
- Completed **20** home energy assessments, thus reaching **65%** completion of 80 assessment goal.
- Identified **280,000** kWh potential savings in assessments.
- Completed **12** follow-up appointments.

Outreach: Continued to receive larger amount of referral participants. Will complete second outreach campaign and press release in July 2012.

Partners: Met with parent program, Community Energy Challenge, to discuss pilot progress and future cooperation on expansion. Also met with Skagit Conservation District to finalize wildlife/landscaping volunteer handbook.

Other Accomplishments

Green Purchasing: Partnered with NaCo and MobilizeGreen to hire intern to work on green purchasing program. Results in 2012 Q3.

Renewable Energy: Visited new City of Mount Vernon solar array and discussed potential for installation on County facility.

Training: Completed federal grant management training. Also attended tour of Waste Management recycling sorting facility.

Low Impact Development: Meet with County staff to discuss potential re-development of parking lot into LID demonstration site.

Upcoming

The next update will be completed in 2012 Q4 and will focus on completion of the Dept. of Energy Efficiency & Conservation Block Grant (EECBG), which closes November 2012.

For More Info

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