

# KICK-OFF MEETING - 01

Campus Energy Savings Committee  
Grays Harbor College

08-32

**Meeting Date:** October 21, 2008

**Time:** 10:00 a.m.

**Attending:**

Heidi Bomhoff, Maintenance	Grays Harbor College
Gloria Fenton, Operations	Grays Harbor College
Randy Karnath, Maintenance	Grays Harbor College
Craig Miller, Maintenance	Grays Harbor College
Tony Simone, Safety/Security	Grays Harbor College
Rich Wenke, I.T.	Grays Harbor College
Donna Albert, PE, MCE, LEED-AP	State of WA, GA, E & A Services
Stacy Simpson, Architect	State of WA, GA, E & A Services
Kevin Howerton, PE	Grays Harbor PUD
Alan Gozart AIA	Harbor Architects

**Purpose of Meeting**

Discuss and develop strategies, implementation and reporting in response to:

- Governor Gregoire “Adjustments to State Agency Spending” – **reduction of fuel consumption**
- SBCTC Exec. Dir. Charlie Earl “Reductions Targets” – **gas/energy consumption**

Item No.	Action Req'd By	Item Description
<b>Energy Saving Mandates</b>		
<b>01.01</b>		Governor Gregoire requesting (5) percent reduction in gasoline consumption compared to last year.
<b>01.02</b>		Charlie Earl declaring target reductions of 0.92% of State General Fund 001 - <b>\$100,000 for GHC</b> , which includes savings in: gas/energy consumption, out-of-state travel, personal service contracts, equipment purchases and hiring. CM noted that the above target has increased considerably. RK believed the new target to be just under <b>\$300,000</b> .
<b>01.03</b>		SBCTC will be surveying the colleges periodically in the coming months to collect information on savings, which will be compiled and provided to OFM as a system.

**Energy Saving Opportunities**

<b>01.03</b>		Office of Governor – Energy Savings Measures: List of common sense energy usage and consumption tips.
<b>01.04</b>		General Administration – Conservation Ideas for Building Occupants and Operators: List of ideas to conserve building energy for both occupants and operators.
<b>01.05</b>		General Administration – Energy Saving Performance Contracting (ESPC), Donna Albert, PE, MCE, LEED-AP: Project delivery method that is paid by energy savings.

**Energy Saving Performance Contracting (ESPC) by Donna Albert, PE, MCE, LEED-AP**

<b>01.06</b>		Method to deliver building energy upgrade projects by using utility savings to pay for all project costs.
<b>01.07</b>		ESPC is a partnership between the College, the ESCO (Energy Service Company) and the GA Energy Team.
<b>01.08</b>		Basics of ESPC: College selects one of GA’s pre-qualified ESCO’s to complete an energy audit of entire campus. The ESCO designs, installs, commissions and finances the projects selected by the College. Financing can include capital funds, utility incentives, low-interest State Treasurer loan. The ESCO guarantees both the maximum project cost and the projected energy savings. GA Energy engineers provide long-term monitoring of project savings.
<b>01.09</b>		Typical energy upgrade projects may include: interior/exterior lighting, HVAC modifications, building/irrigation water conservation, energy management control systems, and retro-commissioning (making sure existing systems are working as they should).
<b>01.10</b>	<b>CM,AG</b>	Responding to the question: “Is there any reason(s) why GHC should not pursue ESPC?”, both DA and KH firmly replied: <b>“None.”</b> There was clear consensus of the committee that we should familiarize Keith Foster with this program and encourage GHC to participate.

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01.11		AG was planning to get the committee to brainstorm a list of energy savings applications for GHC, but we quickly learned that industry experts would perform this task as part of the ESPC auditing effort.

### Campus Fuel Conservation Group

01.12		TS noted that this campus committee as explored ways to conserve vehicle fuels and has furnished their recommendations already to Keith Foster.
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### Utilities Participation

01.13		KH pointed out that Grays Harbor PUD has been actively involved in conservation efforts for many years and may offer incentive dollars for energy upgrade projects.
01.14		Additionally, KH noted that Cascade Natural Gas has new ownership and in the past (6) months they have stepped up their efforts to promote energy conservation, also offering incentive dollars.

### Conservation v. Generation

01.15		AG noted that Grays Harbor College has several energy generation “demonstration” projects. There is a “sun seeker” photovoltaic panel on the south side of the 300 Building. KH pointed out that this is the largest capacity panel on the Harbor – about (1) KW. There is a wind turbine on the east end of the 1900 Building. RK and CM noted that the turbine has serious propeller attachment problems. At one time, GHC was looking at hydro opportunities with the flow from Lake Swano. KH noted that the hydro effort was severely hampered by regulatory road blocks.
01.16		KH stressed that energy generation should be primarily viewed as a demonstration/education tool. The real energy savings focus should be on conservation.

**The next meeting will be announced via email.**

*The preceding minutes are Harbor Architects interpretation of the items discussed and decisions reached at the above referenced meeting. Any persons desiring to add to, or otherwise change the minutes, are asked to put their comments in writing to Harbor Architects within (4) days of receipt of minutes; otherwise, the minutes will stand as written. These minutes will be distributed as indicated below. It shall be the responsibility minute recipients to distribute copies to their respective associates, consultants, etc.*

cc: All Present, Dr. Ed Brewster, Keith Foster, Penny James, Sandy Lloyd, Diana Grigsby, Jim McDougal, Janet Parker