

**Cape Elizabeth Alternative Energy Committee  
Minutes: July 29, 2009**

**Present:** Wyman Briggs, Alan Lishness, Bill Slack, Ernie McVane,

**Absent:** Ted Hawkes, Dave Whitten, Sarah Lennon, Kathy Ray

**Guests:**

**1. GPCOG Recognition Award**

Bill reported that on June 18, The Town of Cape Elizabeth and its Alternative Energy Committee received a ReCOgnition Award from GPCOG for “Best Practices in Sustainability Planning”. The award states “The Greater Portland Council of Governments commends the Town of Cape Elizabeth and its citizen-based Alternative Energy Committee for their outstanding visions and leadership for completion of an energy audit that identifies over \$2 million in energy savings over the next ten years and establishment of a wind monitoring system.

**2. Energy Conservation Measures List**

Team began to prioritize the energy conservations measures list towards finalizing recommendations to Town council.

Priority Ranking	Building	Scope	CM3 Est Cost	CM3 Est Savings	CM3 Est Effic Maine	CM3 Est Simple Payback	AEC Est Cost
1	MS / Pond Cove	Control Upgrades & Recommissioning	\$263,055	\$18,166	\$8,172	14.03	\$60,000
3		Insulation 1930'3 Bldg	\$6,188	\$355		17.43	\$0
1	HS	Control Upgrades & Recommissioning	\$142,420	\$15,454	\$3,902	8.96	\$51,000
1		Boiler Replacement & Biomass Boiler Natural Gas Boiler/Oil	\$1,033,500	\$88,733		11.65	need pricing
3		Biomass Boiler					need pricing
3		Pool Unit replacement	\$184,600	\$3,948		46.76	\$0
1		Insulation	\$55,372	\$8,666		6.39	
1	Public Works	Control Upgrades & Recommissioning	\$8,080	\$1,125		7.18	\$2,500
2		Pump Redundancy	\$2,340				
3		Boiler Controllers	\$5,950	\$1,132		5.26	\$0
3		Insulation	\$5,247	\$614		8.55	\$0

1	Community Center	Control Upgrades & Recommissioning	\$2,340				\$1,000
1	Police Station	Insulation	\$818	\$85		9.62	\$818
1		Economizer Repair	\$1,624				\$1,000
3		Boiler Controllers	\$4,950	\$1,444		3.43	\$0
3	Transfer Station	Install Split System	\$6,845	\$778		8.80	\$0
1	Town Hall	Control Upgrades & Recommissioning	\$16,994	\$1,900		8.94	\$7,500
1		Boiler Controller	\$3,990	\$571		6.99	\$1,800
1		Insulation	\$3,525	\$415		8.49	\$3,000
1		Dom Hot Water Replacement	\$5,810	\$629		9.24	\$4,000
1	Library	Boiler Replacement	\$15,360	\$2,993		5.13	\$17,000
2		Boiler Controllers	\$5,340	\$900		5.93	\$7,500
1		DHW Replacement	\$6,810	\$708		9.62	\$1,000
3		Control Upgrades & Recommissioning	\$4,560	\$550		8.29	\$0
1	Light All Buildings		\$733,074	\$113,719	\$18,710	6.28	
		Bonds / Permits/ Contingency Engineering	\$145,000				
	<b>Totals</b>		<b>\$2,663,792</b>	<b>\$262,885</b>	<b>\$30,784</b>	<b>10.02</b>	
3		660 kW Wind Turbine Measurement					\$2,000,000
1		Implementation					
		Solar Thermal for Pool					\$100,000
1		Check Calcs					
2		Further Study					

### 3. Next Meeting

Bill to send out notice for next meeting to be scheduled in August.