

Section I. FY08 Operational Data

CONTACT INFORMATION

Agency/Campus: **Bunker Hill Community College** Contact Name: **Paul A. Righi** _____

Phone: **617-228-3474** _____ Email: **prighi@bhcc.mass.edu** _____

* Please remember to indicate units of measurement used if different from measure listed

Topic	FY08 Data	Unit*	Cost	Notes	
Building Energy Use					
Electricity	5,010,240.00	kWh	\$208,911.14		
Natural Gas	11,890,00.00	Cubic ft	\$44,380.33		
Fuel Oil #2		gallons	\$		
Fuel Oil #4	71520.60	gallons	\$228,121.05		
Fuel Oil #6		gallons	\$		
Bioheat (#2 Heating oil)		gallons	\$	Percentage, e.g. B5	
Onsite Renewables		kWh	\$	e.g. Solar /Wind/Biomass	
Renewable Energy Certificates		kWh	\$	e.g. Solar PV/Wind, Bought or Sold?	
Other (e.g. Steam)			\$		
Vehicle Fuel Use					
Gasoline	3024.70	gallons	\$8895.54		
Low Sulfur Diesel	447.50	gallons	\$1491.29		
Ultra low sulfur Diesel		gallons	\$		
Biodiesel		gallons	\$	Percentage, e.g. B20, soy-based or waste	
Ethanol (E85)		gallons	\$		
CNG		gallons	\$		
Propane		gallons	\$		
Electric		kWh	\$		
Water Use					
Water	938,950.00		\$170,096,079		
Sewer (if separate)			\$		
Solid Waste and Recycling					
Solid Waste total *	138.70	Tons	\$19691.82		
Recycling total *		Tons	\$		
Recycling Programs	Y/N	Amount	Units	\$ Cost	Notes
White Paper	Y			\$	Free part of waste contract
Mixed Paper	Y			\$	Free part of waste contract
Cardboard	y			\$	Free part of waste contract
Mixed Cans & Bottles	Y			\$	Free part of waste contract
Lawn and Yard Waste	Y	27.79	Tons	\$3724.14	

Food Waste	N			\$	
Scrap Metal	N			\$	
Other C&D Waste	N			\$	
White Goods	N			\$	
Electronics/Computers	Y	4651	Tons	\$984.78	
Toner Cartridges	Y	300		\$	Part of Office Supply Contract
Batteries	Y	391	Tons	\$148.20	
Cell Phones				\$	
Other Fluorescent Lamp	Y	1884	Linear ft	\$191.04	

Section 2. Agency Sustainability Activities

Agency Name: **Bunker Hill Community College** Contact Name: **Paul A. Righi** _____

Phone/Email: **prighi@bhcc.mass.edu** _____

Project Name: **Exit Sign Replacement** _____

Topic:	<input checked="" type="checkbox"/> Energy <input type="checkbox"/> Waste/Recycling <input type="checkbox"/> Sustainable Design <input type="checkbox"/> Other <input type="checkbox"/> Water <input type="checkbox"/> Purchasing <input type="checkbox"/> Mercury/Toxics <input type="checkbox"/> Natural Resources				
Facility Info:	Bunker Hill Community College				
Contact Name:	Paul A. Righi				
Contact Phone:	617-228-3474	Contact Email:	prighi@bhcc.mass.edu		
Project Description:	Replacement of all Exit Signs with LED signs				
Cost:		Savings (if relevant):			
Results & benefits (environmental and other)	This reduces the amount of power used by exit signs thus reducing the demand for electricity.				

Project Name: **Outside Building Letter Replacement** _____

Topic:	<input checked="" type="checkbox"/> Energy <input type="checkbox"/> Waste/Recycling <input type="checkbox"/> Sustainable Design <input type="checkbox"/> Other <input type="checkbox"/> Water <input type="checkbox"/> Purchasing <input type="checkbox"/> Mercury/Toxics <input type="checkbox"/> Natural Resources				
Facility Info:	Bunker Hill Community College				
Contact Name:	Paul A. Righi				
Contact Phone:	617-228-3474	Contact Email:	prighi@bhcc.mass.edu		
Project Description:	Replacement of all building letters with Led letters.				
Cost:		Savings (if relevant):			
Results & benefits (environmental and other)	This will reduce the amount of power used by the outside building letter signs.				

Project Name: 100% Green Power_____

Topic:	<input checked="" type="checkbox"/> Energy <input type="checkbox"/> Waste/Recycling <input type="checkbox"/> Sustainable Design <input type="checkbox"/> Other <input type="checkbox"/> Water <input checked="" type="checkbox"/> Purchasing <input type="checkbox"/> Mercury/Toxics <input type="checkbox"/> Natural Resources		
Facility Info:	Bunker Hill Community College		
Contact Name:	Paul A. Righi		
Contact Phone:	617-228-3474	Contact Email:	prighi@bhcc.mass.edu
Project Description:	Signed a three year contract to receive only 100% green electric.		
Cost:		Savings (if relevant):	
Results & benefits (environmental and other)	Will greatly reduce our carbon emissions.		

Project Name: Light Fixtures_____

Topic:	<input checked="" type="checkbox"/> Energy <input type="checkbox"/> Waste/Recycling <input type="checkbox"/> Sustainable Design <input type="checkbox"/> Other <input type="checkbox"/> Water <input type="checkbox"/> Purchasing <input type="checkbox"/> Mercury/Toxics <input type="checkbox"/> Natural Resources		
Facility Info:	Bunker Hill Community College		
Contact Name:	Paul A. Righi		
Contact Phone:	617-228-3474	Contact Email:	prighi@bhcc.mass.edu
Project Description:	Replaced 165 ceiling fixtures with high efficient fixtures in level 1 of B Building.		
Cost:		Savings (if relevant):	
Results & benefits (environmental and other)	Results in less energy being used by these light fixtures.		

Project Name: Variable Drive Installation _____

Topic:	<input checked="" type="checkbox"/> Energy <input type="checkbox"/> Waste/Recycling <input type="checkbox"/> Sustainable Design <input type="checkbox"/> Other <input type="checkbox"/> Water <input checked="" type="checkbox"/> Purchasing <input type="checkbox"/> Mercury/Toxics <input type="checkbox"/> Natural Resources		
Facility Info:	Bunker Hill Community College		
Contact Name:	Paul A. Righi		
Contact Phone:	617-228-3474	Contact Email:	prighi@bhcc.mass.edu
Project Description:	All motors of 10HP or more had a variable frequency drive installed.		
Cost:		Savings (if relevant):	
Results & benefits (environmental and other)	Reduces electric power usage because motors are not on constantly only on when demand is needed.		

Project Name: Light Fixtures _____

Topic:	<input checked="" type="checkbox"/> Energy <input type="checkbox"/> Waste/Recycling <input type="checkbox"/> Sustainable Design <input type="checkbox"/> Other <input type="checkbox"/> Water <input type="checkbox"/> Purchasing <input type="checkbox"/> Mercury/Toxics <input type="checkbox"/> Natural Resources		
Facility Info:	Bunker Hill Community College		
Contact Name:	Paul A. Righi		
Contact Phone:	617-228-3474	Contact Email:	prighi@bhcc.mass.edu
Project Description:	Converted from oil to natural gas for heating of building.		
Cost:		Savings (if relevant):	
Results & benefits (environmental and other)	Reduces our carbon emissions.		

Project Name: Health and Wellness Building _____

Topic:	<input checked="" type="checkbox"/> Energy <input checked="" type="checkbox"/> Waste/Recycling <input checked="" type="checkbox"/> Sustainable Design <input type="checkbox"/> Other <input checked="" type="checkbox"/> Water <input type="checkbox"/> Purchasing <input type="checkbox"/> Mercury/Toxics <input type="checkbox"/> Natural Resources		
Facility Info:	Bunker Hill Community College		
Contact Name:	Paul A. Righi		
Contact Phone:	617-228-3474	Contact Email:	prighi@bhcc.mass.edu
Project Description:	Adding a Health and Wellness building to the existing college. Going for LEED Silver Certification.		
Cost:		Savings (if relevant):	
Results & benefits (environmental and other)	Will be the first Green Building at Bunker Hill Community College.		