

ECO-GRID: District Energy in Hudson



ECO-GRID™

Building Energy Survey

Eco-Grid is exploring the feasibility of building a district-energy system to provide low-cost heating to buildings in the city of Hudson and town of Greenport using low temperature hot water, which can be produced using biomass and solar energy.

This system will deliver significant ENVIRONMENTAL & ECONOMIC benefits to the local community. The project will move forward when a sufficient number of heating customers express interest in participating. **The purpose of this survey is to collect basic energy information; assess community interest; and solicit volunteers for the key developmental process.**

If you are a building owner/manager interested in reducing your heating costs, please fill out the following information. If you have multiple buildings, heating systems, or fuels, please fill out a separate form for each.

Building Address:	
Owner/Operator name and title:	
Name and title of person providing information:	
Telephone:	
E-mail:	

Building Use:	
Square feet (if known):	
Year built (if known):	

Space Heating	
Primary heating media (hot water, steam, electric, hot air, etc):	
Primary heating apparatus and size if known (boiler, furnace, electric baseboard heating, etc)	
Primary heating fuel (natural gas, #2 oil, #6 oil, propane, wood, coal, electricity, etc):	
Secondary heating fuel (if any):	
Location of primary heating apparatus (basement, roof, etc):	

Domestic Hot Water	
Domestic water heater fuel (natural gas, oil,	

propane, electric, etc):	
Domestic water heater location (near primary heating apparatus?)	

Other	
If the building uses heat for any additional purpose (such as an industrial process, please describe in detail or we can contact you)	
Does the building have air conditioning (mechanical cooling), if so, please describe.	
Would you be interested in dehumidification or cooling service from the project?	
Do you have any sidewalks or other areas that could utilize snow melting?	
Do you know of other energy conservation opportunities in the building that have not been implemented? (lighting, building envelope, controls, etc)	

Monthly heating fuel use – Please provide monthly heating fuel and electric usage for at least 12 months and more if available. Indicate month, year, type of fuel and units (gallons, etc). If you use electric heat, monthly electric usage in kWh will allow us to estimate your heating energy use. If desired this information can be provided on a separate spreadsheet.

Heating fuel (Indicate natural gas, propane, #2 oil, #6 oil, wood, coal, electricity, or other - specify)	
Units (therms, mcf, ccf, gallons, pounds, tons, etc)	

Month/Year	2004	2005	2006	2007
January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				
Total				

Electricity - kWh

Month/Year	2004	2005	2006	2007
January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				
Total				

Return the completed form to:

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