

# North Country Wood Biomass Alternative Energy Feasibility Project for Municipal and Institutional Facilities

## Application for Preliminary Feasibility Study

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Date form completed

Send completed form by **June 15, 2008** to:

Sloane Crawford  
New York State Dept. of Environmental Conservation  
625 Broadway  
Albany, NY 12233-4253  
518-402-9415

<b>Facility Information:</b>		
<b>Facility name and mailing address</b>	<b>Size of heated space in square feet:</b>	
	<b>Year of construction:</b>	
	<b>Years of major renovation(s)</b>	
	First renovation:	
	Second renovation:	
<b>Contact person for questions regarding this form:</b>	<b>Type of facility (check one)</b>	<b>No. of students or occupants</b>
<b>Name:</b>	<input type="checkbox"/> Public School	
<b>Title:</b>	<input type="checkbox"/> College/University	
<b>Phone :</b>	<input type="checkbox"/> Hospital	
<b>Fax :</b>	<input type="checkbox"/> Prison	
<b>E-mail address:</b>	<input type="checkbox"/> Other	
<b>If the facility has multiple buildings, list each building below, give its size in square feet and state whether it is heated from a central boiler plant</b>		
<b>Name of building</b>	<b>Size in square feet</b>	<b>Central boiler?</b>
Ex. Franklin elementary school	25,000	yes
<b>An opportune time for adding a boiler is when a facility is undergoing an expansion or major renovation. Do you have any plans for expansion or major renovation in the foreseeable future? If so please describe below.</b>		

<b>Heating System</b>		
<b>How is heat delivered to rooms? (check all that are applicable)</b> <input type="checkbox"/> Hot water <input type="checkbox"/> Steam <input type="checkbox"/> Ducted air <input type="checkbox"/> Electric resistance <input type="checkbox"/> One heating plant in one location? <input type="checkbox"/> Different heating plants in multiple locations? <input type="checkbox"/> Individual, room by room heating systems?		<b>How is heat generated?</b> <input type="checkbox"/> Hot water boiler <input type="checkbox"/> Steam boiler <input type="checkbox"/> Hot air furnace <input type="checkbox"/> Electric baseboard <input type="checkbox"/> Electric duct coils <input type="checkbox"/> Rooftop packaged units <input type="checkbox"/> Heat pumps
<b>Heating equipment</b>		
List each piece of heating equipment separately below. Include size in boiler horse power or BTU and state what fuel it uses, i.e. Natural Gas, #2 fuel oil, heavy oil, LPG, Coal, other		
<i>Size</i>	<i>Type of Heater</i>	<i>Fuel Type</i>
<i>Ex. 3.5 MBtu or 200 BHP</i>	<i>Hot water boiler</i>	<i>#2 fuel oil</i>
If buried steam lines or hot water lines are used to connect multiple buildings to a central boiler plant, what condition are the lines? Circle one: Poor Fair Good Excellent		
<b>Other information</b>		
Describe your fuel storage for each heating fuel storage tank		
<i>Tank Capacity</i>	<i>Date installed</i>	<i>Fuel Type</i>
<i>Ex. 10,000 gallon buried</i>	<i>1953</i>	<i>#2 fuel oil</i>
Is your domestic hot water heated from a central boiler? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Has your facility recently undergone an energy audit? If so when?		

**Required Attachments**

1. If the facility has multiple heating plants in separate locations, please provide a rough sketch on a separate page of the campus and locate each heating system on the sketch. Feel free to use a pre-printed campus map or building floor plan if one is available. Provide size of heating plant in boiler horse power or Btu for each system and state what fuel is used for each system. Place on map location of any storage tanks used for heating fuels and their size.
2. Please provide at least two full years of heating fuel records with volumes of fuel used for each heating plant. For example if some buildings are heated from a central boiler plant using natural gas and others have stand-alone fuel oil boilers, list each separately with volumes for each. If your domestic hot water is not provided by a central boiler, list each account separately and identify which fuel is used for which equipment. Often it is easiest to get this information from your fuel dealer as a printout of fuel deliveries.
3. Please provide a copy of your latest fuel bill for all accounts on site that includes account number and cost of fuel.