



Wisconsin State Wood Energy Team
US Forest Service Wood Education and Resource Center
Wood Energy Technical Assistance Program
Feasibility Study Application



APPLICATION PART 1

Facility Name		Employer ID Number
Primary Contact Name (First, Last)		
Primary Contact Title		
Email Address		
Street Address		
City	Zip	County
Phone		Alternate Phone
Type of Facility (check one)		
<input type="checkbox"/> Private Business <input type="checkbox"/> School <input type="checkbox"/> College/University <input type="checkbox"/> Hospital <input type="checkbox"/> Prison		
<input type="checkbox"/> Other _____		

APPLICATION PART 2

Description of Project Scope

List Qualifications of Project Partners and Technical Contacts

Timetable of Project

Type of Fuel Currently Used/Annual Usage /Unit Cost

Local Support for Biomass Energy

APPLICATION PART 3



**Wisconsin State Wood Energy Team
US Forest Service Wood Education and Resource Center
Wood Energy Technical Assistance Program
Wood Energy Project Data Collection Form**



Facility Information			
Facility name and mailing address		Size of heated space in square feet:	
Company		Year of construction:	
Address		Year of first major renovation:	
City, ST, Zip		Year of second major renovation:	

Contact person for questions regarding this form:	Type of facility (check one)	No. of occupants
Name:	<input type="checkbox"/> Private Business	
Title:	<input type="checkbox"/> School	
Phone :	<input type="checkbox"/> College/University	
Fax :	<input type="checkbox"/> Hospital	
E-mail:	<input type="checkbox"/> Prison	
	<input type="checkbox"/> Other _____	

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. Add more rows if needed.

Name of building	Size in square feet	Central Boiler, Annual Fuel Use
<i>Ex. Franklin elementary school</i>	<i>25,000</i>	<i>yes, 10,000 mcf natural gas</i>

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:

Heating System	
Do you have a central heating system?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Do you have more than one heating system?	<input type="checkbox"/> Yes <input type="checkbox"/> No
How is heat delivered to rooms? (check all applicable)	How is heat generated?
<input type="checkbox"/> Hot water	<input type="checkbox"/> Hot water boiler
<input type="checkbox"/> Steam	<input type="checkbox"/> Steam boiler
<input type="checkbox"/> Ducted air	<input type="checkbox"/> Hot air furnace
<input type="checkbox"/> Electric resistance	<input type="checkbox"/> Electric baseboard
<input type="checkbox"/> One heating plant in one location	<input type="checkbox"/> Electric duct coils
<input type="checkbox"/> Different heating plants in multiple locations	<input type="checkbox"/> Rooftop packaged units
<input type="checkbox"/> Individual, room by room heating systems	<input type="checkbox"/> Heat pumps
<input type="checkbox"/> Other (specify):	<input type="checkbox"/> Other (specify):

Heating Equipment

List each piece of heating equipment separately below. Include size in boiler horsepower or BTU, state what fuel it uses (i.e. natural gas, #2 fuel oil, heavy oil, LPG, coal, other), and when it was installed. Add more rows if needed.

Size	Type of Heater	Fuel Type and Year Installed
<i>Ex. 3.5 MBTU or 200 BHP</i>	<i>Hot water boiler</i>	<i>#2 fuel oil, installed in 1998</i>

If buried steam lines or hot water lines are used to connect multiple buildings to a central boiler plant, in what condition are the lines? Poor Fair Good Excellent

Other Information

Provide a summary of your annual fuel usage for space heating, domestic hot water, and process loads.

Fuel Type	Average Annual Usage, Unit	Unit Cost
<i>Ex. #2 Fuel Oil</i>	<i>150,000 gallons</i>	<i>\$2.50/gallon</i>

Is your domestic hot water heated from a central boiler? Yes No

Has your facility recently undergone an energy audit? Yes No

If so, when?

Community/Institution Intentions

Is there an identified community champion for this work? Yes No
 If yes, who is it? Please provide contact information.

Is there a community or institutional policy that supports the use of biomass or its benefits? Yes No
 If yes, please attach.

Are there other institutions/buildings in the vicinity that have expressed interest in participating? Yes No
 If yes, please provide contact information.

APPLICATION PART 4

REQUIRED ATTACHMENTS

1. If the facility has multiple heating plants in separate locations, please provide a rough sketch on a separate page of the community or campus and locate each heating system on the sketch. Feel free to use a pre-printed community or campus map or building floor plan if one is available. Provide size of heating plant in boiler horsepower or BTU for each system and state what fuel is used for each system. Place on map the 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. It is usually easiest to get this information from your fuel dealer as a printout of fuel deliveries.
3. Please provide at least two years of electric bills for all buildings on site.
4. Please provide a copy of your latest fuel bill and electric bill for all accounts on site that includes account number and cost of fuel.