

# BIOMASS COMBUSTION PRE-FEASIBILITY ASSESSMENT FORM



Organization	Contact Person		
Phone	Email		
Mailing Address	City	State	ZIP Code

## FACILITY INFORMATION

Facility Description

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Please provide an overall drawing/layout of your facility <input type="checkbox"/> Architectural <input type="checkbox"/> Mechanical	Size of facility (sq. ft. heated space)
Year of construction	Year(s) of major renovation(s)
Number of floors <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> Other_____	Number of buildings <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> Other_____

## HEATING SYSTEM

Configuration (check one or more):    Heating plant in one location    Different heating plants in different locations. How many? \_\_\_\_\_  
 Individual, room-by-room heating systems    Boiler room accesible to vehicles

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How is heat delivered to rooms? (check all applicable):    Hot water    Steam    Ducted Air    Electric heat

Is this fuel also for:    Other uses    Just space heat

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Describe locations of different parts of the heating system and what building areas are served:

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How is space heat generated? (check all applicable)    Hot water boiler    Warm air furnace in mechanical room    Gas ducted heaters or rooftop systems  
 Steam boiler    Electric boiler    Electric baseboard    Electric duct coils    Electric furnace    Heat pumps

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What fuels are used? (check all applicable)

Natural gas   Utility\_\_\_\_\_    Electric   Utility\_\_\_\_\_

## DOMESTIC HOT WATER (DHW)

Uses of domestic hot water (check all applicable):  
 Lavatories    Kitchen (for regular hot lunch program)    Gym Showers (heavily used?  Yes    No)    Other large uses

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Type of system (check all applicable):    Single tank-type heater    Multiple tank-type heaters    Off heating boiler, with seperate storage tank  
 Hot water generator, with seperate storage tank    Other type\_\_\_\_\_

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Describe location of heater(s), including areas/used served:	Describe fuel storage (number, capacity, location of tanks)
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## OTHER INFORMATION

Below provide any other information that will help us understand your space heating and DHW systems (attach additional information if necessary):

## FUEL RECORDS

- Attach an account history (one year minimum) for natural gas usage from \_\_/\_\_/20\_\_ to \_\_/\_\_/20\_\_. Include decatherms (natural gas) and invoiced cost.
- If electric heat is a major heat source for the school; supply monthly electric billing records, including kilowatt hour usage and cost and (if applicable) monthly peak demand in KW.
- Also attach electric billing history if electric water heaters are used for major DHW loads (excluding lavatories).

**E-mail or mail the completed Pre-Feasibility Assessment form to:**  
 terry.stebor@aecom.com  
 AECOM, Attn: Focus on Energy Biomass Pre-Feasibility Assessment, 1035 Kepler Drive, Green Bay WI 54311-8320

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