

BIOMASS COMBUSTION PRE-FEASIBILITY ASSESSMENT FORM



Organization	Contact Person		
Phone	Email		
Mailing Address	City	State	ZIP Code

FACILITY INFORMATION

Facility Description

Please provide an overall drawing/layout of your facility
 Architectural Mechanical

Year of construction

Size of facility (sq. ft. heated space)

Year(s) of major renovation(s)

Number of floors
 1 2 3 Other _____

Number of buildings
 1 2 3 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

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

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

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

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

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 _____

Describe location of heater(s), including areas/used served:

Describe fuel storage (number, capacity, location of tanks)

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 __/__/200__ to __/__/200__. 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:

michael.malmstead@aecom.com

AECOM, Attn: Focus on Energy Biomass Pre-Feasibility Assessment, 1035 Kepler Drive, Green Bay WI 54311-8320