Attachment B

Facility Name: Yellow Pine Energy Company, LLC **Date of Application:** _____

FORM 2.00 – EMISSION UNIT LIST

Emission Unit ID	Name	Manufacturer and Model Number	Description
FB-1	FB Boiler	TBD	764.5 MMBtu/hr Biomass Fired Boiler
FB-2	FB Boiler	TBD	764.5 MMBtu/hr Biomass Fired Boiler
EG	Emergency Generator	TBD	1500 KW Diesel Back-up Emergency Generator
FW	Fire Water Pump	TBD	450 hp Diesel Fire Water Pump Engine

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FORM 2.01 – BOILERS AND FUEL BURNING EQUIPMENT

Emission Unit ID	Type of Burner	Type of Draft[1]	Design Capacity of Unit (MMBtu/hr Input)	Percent Excess Air	Dates		Date & Description of Last Modification
					Construction	Installation	
FB-1	Low NOx	Forced	764.5		April 30, 2008	2010	
FB-2	Low NOx	Forced	764.5		April 30, 2008	2010	
EG	Diesel IC Engine Emergency Generator	IC Engine	1500 KW		April 30, 2008	2010	
FW	Diesel IC Engine Fire Water Pump	IC Engine	450 hp		April 30, 2008	2010	

[1] This column does not have to be completed for natural gas only fired equipment.

Facility Name: Yellow Pine Energy Company, LLC **Date of Application:** _____

FUEL DATA

Emission Unit ID	Fuel Type	Potential Annual Consumption				Hourly Consumption		Heat Content		Percent Sulfur		Percent Ash in Solid Fuel	
		Total Quantity		Percent Use by Season									
		Amount	Units	Ozone Season May 1 - Sept 30	Non-ozone Season Oct 1 - Apr 30	Max.	Avg. (lb/hr)	Min.	Avg. (Btu/lb)	Max.	Avg.	Max.	Avg.
FB-1	Biomass	769,775	tpy	42%	58%		175,747		4,350		0.02%		1.31%
FB-1	Coal	47,850	tpy	42%	58%		10,925		10,500		5.0%		13.9%
FB-1	Pet Coke	35,630	tpy	42%	58%		16,269		14,100		6.5%		0.35%
FB-1	TDF	32,405	tpy	42%	58%		7,398		15,500		1.23%		4.78%
FB-2	Biomass	769,775	tpy	42%	58%		175,747		4,350		0.02%		1.31%
FB-2	Coal	47,850	tpy	42%	58%		10,925		10,500		5.0%		13.9%
FB-2	Pet Coke	35,630	tpy	42%	58%		16,269		14,100		6.5%		0.35%
FB-2	TDF	32,405	tpy	42%	58%		7,398		15,500		1.23%		4.78%
EG	Diesel	56,000	gal	42%	58%		112 gal/hr		137,000 (Btu/gal)		0.05%		N
FW	Diesel	3,450	gal	42%	58%		23 gal/hr		137,000 (Btu/gal)		0.05%		N

Fuel Supplier Information

Fuel Type	Name of Supplier	Phone Number	Supplier Location			
			Address	City	State	Zip
Biomass	To be determined					
Coal	To be determined					
Pet Coke	To be determined					
TDF	To be determined					
Diesel	To be determined					
		N =	Negligible			

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FORM 4.00 – EMISSION INFORMATION

Emission Unit ID	Air Pollution Control Device ID	Stack ID	Pollutant Emitted	Emission Rates				
				Hourly Actual Emissions (lb/hr)	Hourly Potential Emissions (lb/hr)	Actual Annual Emission (tpy)	Potential Annual Emission (tpy)	Method of Determination
FB-1	SNCR, DS, BH1	FBS	CO		229		1,005	Engineering Calculation
			NOx		76.5		335	Engineering Calc.
			SO2		145		335	Material Balance
			VOC		30.6		134	Engineering Calc.
			PM-10		25.2		111	Material Balance
			HAPs (sum based on biomass firing)		26.4		115	Engineering Calc.
FB-2	SNCR, DS, BH1	FBS	CO		229		1,005	Engineering Calculation
			NOx		76.5		335	Engineering Calc.
			SO2		145		335	Material Balance
			VOC		30.6		134	Engineering Calc.
			PM-10		25.2		111	Material Balance
			HAPs (sum based on biomass firing)		26.4		115	Engineering Calc.