

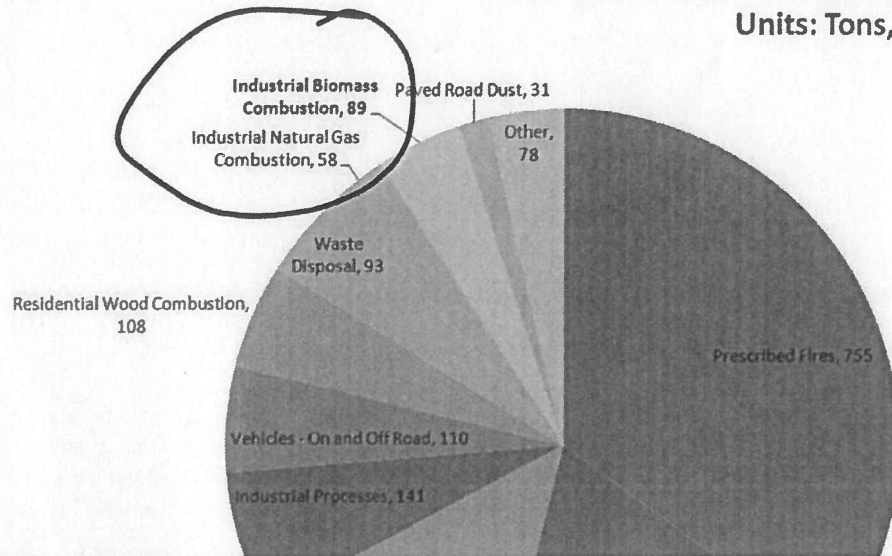
Public Comment

for November 21, 2016

RCEA Board of Directors Meeting

SUBMITTED BY
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FOR 11/21/16

Humboldt County PM 2.5 Emissions by Source
Units: Tons, Data Year: 2014



013-2014 ISO Transmission Plan

July 16, 2014

A1 Existing Generation

Table A1-1: Existing generation plants in PG&E planning area

Planning Area	Generating Plant	Maximum Capacity
PG&E - Humboldt	Humboldt Bay	166
	Kekawaka	4.9
	Pacific Hammer	32.5
	LP Samoa	25
	Fairhaven	17.3
	Blue Lake	12
	Humboldt Area Total	258
PG&E - North Coast and North Bay	Santa Fe	160
	Bear Canyon	20
	Westford Flat	30
	Western Geo	38
	Geysers 5	53
	Geysers 6	53
	Geysers 7	53
	Geysers 8	53
	Geysers 11	106
	Geysers 12	106
	Geysers 13	133

Population

Maximum Capacity MW
Natural gas:166
Biomass:61.8
3 plants

Note: The EPA data shows how much more particulates are emitted for by biomass plants versus the natural gas plant. 58 tons from PG&E with 166mw capacity versus up to 3 plants with 61.3 capacity producing 89 tons of particulates for the example provider by the EPA. The power plants are the only major point source activities that can be controlled by policy decision. Further more accurate figures will be available when the actual output from each plant is compared to the EPA data.