

Power/Utilities Mandatory Reporting DRAFT CONCEPT

In-State Power Generation

By Power Unit -- Fossil Fuels, Biomass/biogas, and Geothermal **A**

Plant ID#							
Power Unit							
Power		MW					
Electrical Generation (Annual)		MWh					
Fuel 1 (Fossil)	A1	Fuel Use	Heat Content	Emission Factors	CO2	N2O	CH4
Fuel 2 (Biomass)	A2	Fuel Use	Heat Content	Emission Factors		N2O	CH4
Fuel 2 (Biomass)	A3	Fuel Use	Heat Content	Emission Factors	CO2		

Additional for CoGeneration

Emissions associated with steam generation		MWh (Steam converted to MWh)			CO2	N2O	CH4
Emissions associated with electricity consumed B		MWh			CO2	N2O	CH4
Emissions associated with electricity sold		MWh			CO2	N2O	CH4

Additional for Merchant Facilities

Exports and Wholesale Sales

Out-of-state		MWh	Emission Factors		CO2	N2O	CH4
In-state wholesale sales		MWh	Emission Factors		CO2	N2O	CH4
Sold to Marketer		MWh	Emission Factors		CO2	N2O	CH4

Additional for Coal or Geothermal Facilities **C**

SO2 Scrubbers					CO2		
Coal Storage and Handling							CH4
Fugitive CO2 Geothermal					CO2		

Additional for Utilities

Purchases **D**

From known source		MWh	Emission Factors		CO2	N2O	CH4
From known utility		MWh	Emission Factors		CO2	N2O	CH4
From known control area		MWh	Emission Factors		CO2	N2O	CH4

Exports and Wholesale Sales **E**

Out-of-state		MWh	Emission Factors		CO2	N2O	CH4
In-state wholesale sales		MWh	Emission Factors		CO2	N2O	CH4
Sold to Marketers		MWh	Emission Factors		CO2	N2O	CH4

SF6 Emissions **F**

Emission Factors for Use by Reporting Customer by Product

Additional for ALL

Indirect Power Purchased

Purchased and Consumed G	MWh	Emission Factors		CO2	N2O	CH4
Cogen Consumed (same as above) B	MWh	Emission Factors		CO2	N2O	CH4

NOTES:

Generation Emissions = A1+A2

Total Load-Based Emissions = A1+A2+C+D-E+F

Biomass = A3

Total Indirect Emissions = G+B

Note: Statewide Inventory includes generation plus imports (does not deduct exports)