

Affected source	BSER	Standard
Modified Utility Boilers and IGCC Units	Most efficient generation at the affected source achievable through a combination of best operating practices and equipment upgrades	Co-proposed Alternative #1: Source would be required to meet a unit-specific emission limit determined by the unit's best historical annual CO ₂ emission rate (from 2002 to the date of the modification) plus an additional 2% emission reduction; the emission limit will be no lower than:
		a. 1,900 lb CO ₂ /MWh-net for sources with heat input >2,000 MMBtu/hr OR
		b. 2,100 lb CO ₂ /MWh-net for sources with heat input ≤2,000 MMBtu/hr
Modified Utility Boilers and IGCC Units	Most efficient generation at the affected source achievable through a combination of best operating practices and equipment upgrades	Co-proposed Alternative #2: Source would be required to meet a unit-specific emission limit dependent upon when the modification occurs.
		1. Sources that modify prior to becoming subject to a CAA 111(d) plan would be required to meet a unit-specific emission limit determined by the unit's best historical annual CO ₂ emission rate (from 2002 to date of the modification) plus an additional 2% emission reduction; the emission limit will be no lower than:
		a. 1,900 lb CO ₂ /MWh-net for sources with heat input >2,000 MMBtu/hr OR
		b. 2,100 lb CO ₂ /MWh-net for sources with heat input ≤2,000 MMBtu/hr
		2. Sources that modify after becoming subject to a CAA 111(d) plan would be required to meet a unit-specific emission limit determined by the 111(b) implementing authority from the results of an energy efficiency improvement audit.

Affected source	BSER	Standard
Modified Natural Gas-Fired Stationary Combustion Turbines	Efficient NGCC technology	1. Sources with heat input >850 MMBtu/hr would be required to meet an emission limit of 1,000 lb CO ₂ /MWh-gross.
		2. Sources with heat input ≤850 MMBtu/hr would be required to meet an emission limit of 1,100 lb CO ₂ /MWh-gross.
Reconstructed Utility Boilers and IGCC Units	Most efficient generating technology at the affected source	1. Sources with heat input >2,000 MMBtu/hr would be required to meet an emission limit of 1,900 lb CO ₂ /MWh-net. 2. Sources with heat input ≤2,000 MMBtu/hr would be required to meet an emission limit of 2,100 lb CO ₂ /MWh-net.
Reconstructed Natural Gas-Fired Stationary Combustion Turbines	Efficient NGCC technology	1. Sources with heat input >850 MMBtu/hr would be required to meet an emission limit of 1,000 lb CO ₂ /MWh-gross. 2. Sources with heat input ≤850 MMBtu/hr would be required to meet an emission limit of 1,100 lb CO ₂ /MWh-gross.