

Nebraska Department of Water, Energy, and Environment

The National Emission Standards for Hazardous Air Pollutants (NESHAP) and New Source Performance Standards (NSPS) notebooks are to be used as an assistance tool to help comply with state and federal regulations. The Notebooks are not inclusive and are not meant to serve as a substitute for compliance with all applicable regulations. If you have corrections, comments, or questions regarding the notebooks, NSPS, NESHAP or permitting, please contact us at DWEE.AirQuality@nebraska.gov or 402-471-2186.

NSPS Notebook

Greenhouse Gas Emissions for Modified Coal-Fired Steam Electric Generating Units and New Construction and Reconstruction Stationary Combustion Turbine Electric Generating Units

eCFR 40 CFR Part 60 Subpart TTTTa

40 CFR Part 60 Subpart TTTTa	Greenhouse Gas Emissions for Modified Coal-Fired Steam Electric Generating Units and New Construction and Reconstruction Stationary Combustion Turbine Electric Generating Units
Amendment Dates	
Am I Subject to this subpart?	I. This subpart applies to: (A) Any steam generating unit or IGCC that combusts coal and any stationary combustion turbine that commences modification after May 23, 2023: (1) Has a base load rating greater than 260 gigajoules per hour of fossil fuel either alone or in combination with any other fuel; (2) Serves a generators or generators capable of selling greater than 25 megawatts of electricity to a utility power distribution system II. Not subject to this subpart: (A) EGU is steam generating unit or IGCC whose net-electric sales has never exceeded 1/3 of potential output or 219,000 megawatt-hour whichever one is greater (1) Subject to federally enforceable permit condition limiting annual sales to no more than 1.3 of potential or 219,000-megawatt hour whichever is greater (B) EGU capable of deriving 50% or more of heat input from non-fossil fuel at base loading and subject to

	federally enforceable permit limiting annual capacity factor for all fossil fuels combined to 10 % or less (C) EGU is combined heat and power unit subject to federally enforceable permit limiting annual net-electric sales to no more than 219,00 MWH or the product of design efficiency and the potential electric output, whichever is greater (D) EGU serves a generator along with other steam generating unit(s), IGCC, or stationary combustion turbine(s) where the effective generation capacity (determined based on a prorated output of the base load rating of each steam generating unit, IGCC, or stationary combustion turbine) is 25 MW or less (E) EGU is a municipal waste combustor that is subject to subpart Eb of this part (F) EGU is a commercial or industrial solid waste incineration unit that is subject to subpart CCCC of this part (G) EGU is a steam generating unit or IGCC that undergoes a modification resulting in an hourly increase in CO₂ emissions (mass per hour) of 10 percent or less (2 significant figures). Modified units that are not subject to the requirements of this subpart pursuant to this subsection continue to be existing units under section 111 with respect to CO₂ emissions standards (H) EGU derives greater than 50 percent of the heat input from an industrial process that does not produce any electrical or mechanical output or useful thermal output that is used outside the affected EGU
Related Rules	NSPS - 40 CFR Part 60 Subpart Da - Electric Utilities NESHAP - 40 CFR Part 63 Subpart UUUUU - Electric Utilities
Page Last Updated	07/01/2025