

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 Electric Utility Generating Units

eCFR 40 CFR Part 60 Subpart TTTT

40 CFR Part 60 Subpart TTTT	Greenhouse Gas Emissions for Electric Utility Generating Units
Amendment Dates	05/09/2024 10/23/2015
Am I Subject to this subpart?	I. This subpart applies to: (A) Steam generating units and integrated gasification combined cycle (IGCC) units or stationary combustion turbines that satisfy all of the following criteria: (1) Commence construction after January 8, 2014; (2) Commenced reconstruction after June 18, 2014 that meets the following relevant applicability conditions: (i) has a base load rating greater than 260 GJ/h (250 MMBtu/h) of fossil fuel (either alone or in combination with any other fuel) and (ii) serves a generator or generators capable of selling greater than 25 MW of electricity to a utility power distribution system II. Not subject to this subpart: (A) EGU is a steam generating unit or IGCC that is currently and always has been subject to a federally enforceable permit condition limiting annual net-electric sales to no more than one-third of its potential electric output or 219,000 MWh, whichever is greater (B) EGU is capable of combusting 50 percent or more non-fossil fuel and is also subject to a federally enforceable permit condition limiting the annual capacity factor for all fossil fuels combined of 10 percent (0.10) or less. (C) EGU is a combined heat and power unit that is subject to a federally enforceable permit condition limiting annual net-electric sales to no more than either

	219,000 MWh or the product of the design efficiency and the potential electric output, which ever 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 is a stationary combustion turbine that is not capable of combusting natural gas (e.g., not connected to a natural gas pipeline) (I) The proposed Washington County EGU project described in Air Quality Permit No. 4911-303-0051-P-01-0 issued by the Georgia Department of Natural Resources, Environmental Protection Division, Air Protection Branch, effective April 8, 2010, provided that construction had not commenced for NSPS purposes as of January 8, 2014 (J) The proposed Holcomb EGU project described in Air Emission Source Construction Permit 0550023 issued by the Kansas Department of Health and Environment, Division of Environment, effective December 16, 2010, provided that construction had not commenced for NSPS purposes as of January 8, 2014
Related Rules	NSPS - 40 CFR Part 60 Subpart Da - Electric Utilities NESHAP - 40 CFR Part 63 Subpart UUUUU - Electric Utilities
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