

US EPA ARCHIVE DOCUMENT

Clean Power Plan – Proposed Tribal and U.S. Territory Goals

On October 28, 2014, EPA issued a supplemental proposal to the Clean Power Plan to address carbon pollution from affected power plants in Indian Country and U.S. territories. EPA is following through on its June 2014 commitment to issue a supplemental proposal to address these sources.

Like the Clean Power Plan proposal for states, this supplemental proposal sets area-specific goals for Indian country and territories and provides options for meeting those goals in a flexible manner that accommodates a diverse range of approaches. The basic formula for the goal is a rate: CO₂ emissions from fossil fuel-fired power plants in pounds (lbs) divided by net electricity generation from fossil-fuel fired power plants and certain low- or zero-emitting power sources in megawatt hours (MWh).

This supplemental proposal relies on the approach used in the June 2014 Clean Power Plan and is based on new information and data provided through additional outreach to covered facilities and Tribal and Territorial governments.

EPA is proposing the area-specific goal approach under Section 111(d) of the Clean Air Act, which requires that EPA identify the “best system of emission reduction ... adequately demonstrated” (BSER) that is available to limit pollution – and set guidelines to achieve reductions that reflect that system.

EPA is proposing area-specific goals based on the same four sets of measures – or “building blocks” – identified in the proposed Clean Power Plan:

- (1) measures to make coal plants more efficient,
- (2) increased use of high efficiency, natural gas combined cycle plants,
- (3) generating electricity from low/zero emitting facilities, and
- (4) demand-side energy efficiency.

EPA analyzed data about emissions and the power sector to create a consistent formula for reductions that reflects the building blocks, as they can be applied to sources in Indian country and U.S. Territories. The formula applies the building blocks to each area’s specific information, yielding a carbon intensity rate – or pollution to power ratio – for the area of Indian country or territory.

A tribe with jurisdiction over an affected power plant in its area has the opportunity, but not the obligation, to establish a plan for its area of Indian country. The EPA will work with eligible tribes to help them develop plans if they choose. Tribes that opt to develop plans will have the same flexibility states do to choose how to meet their proposed goals, reflecting their particular circumstances and policy objectives. Territories, like states, are required to develop a plan.

The following table is a summary of information about the areas of Indian country and U.S. Territories covered by EPA’s Supplemental Proposal to limit carbon pollution from power plants.

Tribe & Territory Data

Tribe or Territory	2012 Emissions (million metric tons)	2012 Energy Output (TWh)	2012 Fossil Rate (lbs/MWh)	2012 Fossil, Renewable and Nuclear Rate (lbs/MWh)	2030 Goal (lbs/MWh)
Fort Mojave	0.53	1.36	858	858	855
Navajo Nation	28.50	29.63	2,121	2,121	1,989
Ute Tribe of the Uintah and Ouray Reservation	3.00	3.09	2,145	2,145	1,988
Guam*	0.63	0.71	1,948	N/A	1,586
Puerto Rico*	15.41	20.00	1,701	N/A	1,413

Each goal is based on historical data. This includes data from fossil fuel power plants about hourly CO2 emissions, fuel consumption, and/or electricity output, and EIA data about renewables and energy efficiency.

* Because the territories have unique circumstances relating to building block three, EPA co-proposed two options for calculating their emission rate goals. Please see the Section III.B in the Supplemental Proposal Preamble for the other co-proposed goal, the rationale for it, and other important considerations.

For additional information on how EPA calculated emission rate goals under the Proposed Clean Power Plan, download the "Technical Support Document: Goal Computation" document at: <http://www2.epa.gov/carbon-pollution-standards/clean-power-plan-proposed-rule-technical-documents>

For information on the methodologies specific to the tribes and territories, download the Technical Support Document for Calculating Carbon Pollution Goals for Existing Power Plants in Territories and Areas of Indian Country and Appendix 1, 2, & 3 – Tribal and Territory Unit-level Inventory, Goal Data and Computation, and Cost Calculations at: <http://www2.epa.gov/carbon-pollution-standards/clean-power-plan-proposed-rule-technical-documents>