

CLEAN POWER PLAN - FINAL Goals for STATES and TRIBES

This file contains the state-wide and tribal goals from the final Clean Power Plan. Included are both rate-based and mass-based goals. Also presented are alternative mass-based goals with a new source mass complement.

The Clean Power Plan establishes category-specific CO₂ emission performance rates for fossil fuel-fired electric steam generating units and natural gas-fired combined cycle generating units. To maximize the range of choices available to states in implementing the standards and to utilities in meeting them, EPA is also establishing interim and final statewide goals in two forms:

- A rate-based state goal expressed in pounds per megawatt hour (lb/MWh);
- A mass-based state goal expressed as total short tons of CO₂

States have the flexibility to incorporate state-enforceable regulations for new sources, covered by Clean Air Act section 111(b), into their State Plans. The EPA is providing a mass budget for emissions from affected existing and new sources, which is comprised of the state's mass goal plus a budget for new sources, which is referred to as the "new source mass complement".

States develop and implement plans that ensure that the power plants in their state – either individually, together or in combination with other measures – achieve the interim CO₂ emissions performance rates over the period of 2022 to 2029 and the final CO₂ emission performance rates, rate-based goals, or mass-based goals by 2030.

The EPA is setting emission standards for affected EGUs on three Indian reservations—Navajo, Fort Mojave, and Ute (Uintah and Ouray). Tribes generally have the opportunity, but not the obligation, to submit a plan for their respective areas of Indian country. If a tribe chooses to establish its own plan, it must seek and be approved by EPA for "treatment in the same manner as a state" (TAS) status.

For more information on how these goals were developed, see sections VI and VII of the final Clean Power Plan preamble and the Technical Support Document titled, CO₂ Emission Performance Rate and Goal Computation with supporting spreadsheets.

For more information on how states can use these goals to meet their obligations under the Clean Power Plan, see section VIII of the final rule preamble.

All documents are available at www.epa.gov/cleanpowerplan

State or Tribe	Final CPP Rates (lb/MWh)					Final CPP Mass (short tons)					New Source Complement + Mass Goals (short tons)				
	Interim Goal	Interim Goal	Interim Goal	Interim Goal	Final Goal	Interim Goal	Interim Goal	Interim Goal	Interim Goal	Final Goal	Interim Goal	Interim Goal	Interim Goal	Interim Goal	Final Goal
	2022-2024	2025-2027	2028-2029	2028-2029	2028-2029	2022-2024	2025-2027	2028-2029	2028-2029	2028-2029	2022-2024	2025-2027	2028-2029	2028-2029	2028-2029
Alabama	1,244	1,133	1,060	1,157	1,018	66,164,470	60,918,973	58,215,989	62,210,288	56,880,474	66,515,949	62,104,698	59,336,277	63,066,812	57,636,174
Arizona	1,263	1,149	1,074	1,173	1,031	35,189,232	32,371,942	30,906,226	33,061,997	30,170,750	35,869,066	34,070,025	33,039,340	34,486,994	32,380,196
Arkansas	1,411	1,276	1,185	1,304	1,130	36,032,671	32,953,521	31,253,744	33,683,258	30,322,632	36,201,456	33,522,923	31,791,721	34,094,572	30,685,529
California	961	890	848	907	828	53,500,107	50,080,840	48,736,877	51,027,075	48,410,120	54,858,122	53,472,875	52,997,917	53,873,603	52,823,635
Colorado	1,476	1,332	1,233	1,362	1,174	35,785,322	32,654,483	30,891,824	33,387,883	29,900,397	36,376,858	34,132,015	32,747,885	34,627,799	31,822,874
Connecticut	899	836	801	852	786	7,555,787	7,108,466	6,955,080	7,237,865	6,941,523	7,611,353	7,295,920	7,132,188	7,373,274	7,060,993
Delaware	1,093	1,003	946	1,023	916	5,348,363	4,963,102	4,784,280	5,062,869	4,711,825	5,380,716	5,072,246	4,887,401	5,141,711	4,781,386
Florida	1,097	1,006	949	1,026	919	119,380,477	110,754,683	106,736,177	112,984,729	105,094,704	120,099,944	113,181,823	109,029,369	114,738,005	106,641,595
Georgia	1,290	1,173	1,094	1,198	1,049	54,257,931	49,855,082	47,534,817	50,926,084	46,346,846	54,535,858	50,792,677	48,420,669	51,603,368	46,944,404
Idaho	877	817	784	832	771	1,615,518	1,522,826	1,493,052	1,550,142	1,492,856	1,660,490	1,635,157	1,634,160	1,644,407	1,639,013
Illinois	1,582	1,423	1,313	1,456	1,245	80,396,108	73,124,936	68,921,937	74,800,876	66,477,157	80,731,921	74,257,813	69,992,293	75,619,224	67,199,174
Indiana	1,578	1,419	1,309	1,451	1,242	92,010,787	83,700,336	78,901,574	85,617,065	76,113,835	92,396,252	85,000,711	80,130,184	86,556,407	76,942,604
Iowa	1,638	1,472	1,355	1,505	1,283	30,408,352	27,615,429	25,981,975	28,254,411	25,018,136	30,531,021	28,029,256	26,372,964	28,553,345	25,281,881
Kansas	1,654	1,485	1,366	1,519	1,293	26,763,719	24,295,773	22,848,095	24,859,333	21,990,826	26,870,692	24,656,647	23,189,053	25,120,015	22,220,822
Kentucky	1,643	1,476	1,358	1,509	1,286	76,757,356	69,698,851	65,566,898	71,312,802	63,126,121	77,066,129	70,740,507	66,551,068	72,065,256	63,790,001
Lands of the Fort Mojave Tribe	877	817	784	832	771	636,876	600,334	588,596	611,103	588,519	654,605	644,618	644,225	648,264	646,138
Lands of the Navajo Nation	1,671	1,500	1,380	1,534	1,305	26,449,393	23,999,556	22,557,749	24,557,793	21,700,587	26,835,616	24,964,261	23,769,601	25,367,354	22,955,804
Lands of the Uintah and Ouray Reservation	1,671	1,500	1,380	1,534	1,305	2,758,744	2,503,220	2,352,835	2,561,445	2,263,431	2,799,029	2,479,235	2,645,885	2,645,885	2,394,354
Louisiana	1,398	1,265	1,175	1,293	1,121	42,035,202	38,461,163	36,496,707	39,310,314	35,427,023	42,233,941	39,131,613	37,130,156	39,794,622	35,854,321
Maine	888	827	793	842	779	2,251,173	2,119,865	2,076,179	2,158,184	2,073,942	2,267,928	2,176,390	2,129,585	2,199,612	2,109,968
Maryland	1,644	1,476	1,359	1,510	1,287	17,447,354	15,842,485	14,902,826	16,209,396	14,347,628	17,517,496	16,079,110	15,126,393	16,380,325	14,498,436
Massachusetts	956	885	844	902	824	13,360,735	12,511,985	12,181,628	12,747,677	12,104,747	13,453,117	12,823,637	12,476,082	12,972,803	12,303,372
Michigan	1,468	1,325	1,228	1,355	1,169	56,854,256	51,893,556	49,106,884	53,057,150	47,544,064	57,110,174	52,756,905	49,922,586	53,680,801	48,094,302
Minnesota	1,535	1,383	1,277	1,414	1,213	27,303,150	24,868,570	23,476,788	25,433,592	22,678,368	27,420,731	25,265,233	23,851,560	25,720,126	22,931,173
Mississippi	1,136	1,040	978	1,061	945	28,940,675	26,790,683	25,756,215	27,338,313	25,304,337	29,109,101	27,358,874	26,293,449	27,748,575	25,666,463
Missouri	1,621	1,457	1,342	1,490	1,272	67,312,915	61,158,279	57,570,942	62,569,433	56,462,884	67,587,294	62,083,903	58,445,482	63,238,070	56,052,813
Montana	1,671	1,500	1,380	1,534	1,305	13,776,601	12,500,563	11,749,574	12,791,330	11,303,107	13,977,772	13,003,045	12,380,787	13,213,003	11,956,908
Nebraska	1,658	1,488	1,369	1,522	1,296	22,246,365	18,987,285	20,661,516	18,272,739	22,335,063	20,492,045	19,269,996	20,877,665	18,463,444	
Nevada	1,001	924	877	942	855	15,076,534	14,072,636	13,652,612	14,344,092	13,523,584	15,444,082	14,990,694	14,805,867	15,114,508	14,718,107
New Hampshire	1,006	929	881	947	858	4,461,569	4,162,981	4,037,142	4,243,492	3,997,579	4,490,876	4,261,849	4,130,554	4,314,910	4,060,591
New Jersey	937	869	829	885	812	18,241,502	17,107,548	16,681,949	17,426,381	16,599,745	18,370,159	17,541,576	17,092,023	17,739,906	16,876,364
New Mexico	1,435	1,297	1,203	1,325	1,146	14,789,981	13,514,670	12,805,266	13,815,561	12,412,602	15,041,467	14,142,829	13,594,353	14,342,699	13,229,925
New York	1,095	1,005	948	1,025	918	35,493,488	32,932,763	31,741,940	33,595,329	31,257,429	35,707,786	33,655,705	32,424,984	34,117,555	31,718,182
North Carolina	1,419	1,283	1,191	1,311	1,136	60,975,831	55,749,239	52,856,495	56,986,025	51,266,234	61,259,834	56,707,332	53,761,714	57,678,116	51,876,856
North Dakota	1,671	1,500	1,380	1,534	1,305	25,453,173	23,095,610	21,708,108	23,632,821	20,883,232	25,553,843	23,435,223	22,028,979	23,878,144	21,099,677
Ohio	1,501	1,353	1,252	1,383	1,190	88,512,313	80,704,944	76,280,168	82,526,513	73,769,806	88,902,150	82,020,069	77,522,714	83,476,510	74,607,975
Oklahoma	1,319	1,197	1,116	1,223	1,068	47,577,611	43,665,021	41,577,379	44,610,332	40,488,199	47,816,048	44,469,397	42,337,362	45,191,382	41,000,852
Oregon	1,026	945	896	964	871	9,097,720	8,477,658	8,209,589	8,643,164	8,118,654	9,314,152	9,018,260	8,888,687	9,096,826	8,822,053
Pennsylvania	1,359	1,232	1,146	1,258	1,095	106,082,757	97,204,723	92,392,088	99,330,827	89,822,308	106,598,711	98,945,311	94,036,616	100,588,162	90,931,637
Rhode Island	877	817	784	832	771	3,811,632	3,592,937	3,522,686	3,657,385	3,522,225	3,840,372	3,689,890	3,614,288	3,727,420	3,584,016
South Carolina	1,449	1,309	1,213	1,338	1,156	31,025,518	28,336,836	26,834,962	28,969,623	25,998,968	31,167,043	28,814,276	27,286,053	29,314,508	26,303,255
South Dakota	1,465	1,323	1,225	1,352	1,167	4,231,184	3,862,401	3,655,422	3,948,950	3,539,481	4,250,270	3,926,790	3,716,258	3,995,462	3,580,518
Tennessee	1,531	1,380	1,275	1,411	1,211	34,118,301	31,079,178	29,343,221	31,784,860	28,348,396	34,265,552	31,575,934	29,812,562	32,143,698	28,664,994
Texas	1,279	1,163	1,086	1,188	1,042	221,613,296	203,728,060	194,351,330	208,090,841	189,588,842	223,672,713	210,382,837	202,595,072	213,419,599	198,105,249
Utah	1,483	1,339	1,239	1,368	1,179	28,479,805	25,981,970	24,572,858	26,566,380	23,778,193	28,948,270	27,152,096	26,042,759	27,548,327	25,300,693
Virginia	1,120	1,026	966	1,047	934	31,290,209	28,990,999	27,898,475	29,580,072	27,433,111	31,474,888	29,614,008	28,487,101	30,030,110	27,830,174
Washington	1,192	1,088	1,021	1,111	983	12,395,697	11,441,137	10,963,576	11,679,707	10,739,172	12,649,388	12,074,804	11,759,581	12,211,467	11,563,662
West Virginia	1,671	1,500	1,380	1,534	1,305	62,557,024	56,762,771	53,352,666	58,083,089	51,325,342	62,804,443	57,597,448	54,141,279	58,686,029	51,857,307
Wisconsin	1,479	1,335	1,236	1,364	1,176	33,505,657	30,571,326	28,917,949	31,258,356	27,986,988	33,655,371	31,076,392	29,395,142	31,623,197	28,308,882
Wyoming	1,662	1,492	1,373	1,526	1,299	38,528,498	34,967,826	32,875,725	35,780,052	31,634,412	39,094,099	36,380,577	34,650,409	36,965,606	33,472,602