

Estimated Direct and Indirect Jobs, Household Income and State Economic Output Attributable to Coal-Based Electric Generation, Continental United States, 2015

State	Coal Generation 2015	Avg. Retail Elec. Power Price 2015	Gross Retail Power Revenue	RIMS II Electric Utility Final Demand Multipliers for Generation, Transmission, and Distribution			No. of 2014 H'holds (Mil)	Est. Total Jobs, State Output and Household Earnings Attributable to Coal-Based Generation****			
								Direct & Indirect Jobs	Output	Earnings	Earnings per H'hold
	(000 GWh)	\$/MWh	(Mil.2015 \$)	Direct & Indirect Jobs*	Output**	Household Earnings***			(Mil. 2015 \$)		
New England	3,891		\$650				4.98	3,365	\$991	\$240	\$48
Connecticut	600	\$177.6	\$107	5.3877	1.4948	0.3665	1.36	529	\$159	\$39	\$29
Maine	92	\$129.7	\$12	7.3606	1.5221	0.3868	0.55	81	\$18	\$5	\$8
Mass.	2,262	\$168.6	\$381	5.6382	1.5528	0.3792	2.55	1,983	\$592	\$145	\$57
N.Hampshire	937	\$160.3	\$150	5.5742	1.4714	0.3456	0.52	772	\$221	\$52	\$100
Middle Atl.	69,687		\$7,433				15.42	52,175	\$13,579	\$3,343	\$217
New Jersey	1,758	\$139.3	\$245	5.8416	1.5911	0.3816	3.19	1,319	\$390	\$93	\$29
New York	2,392	\$152.8	\$365	5.1538	1.5047	0.3576	7.28	1,737	\$550	\$131	\$18
Pennsylvania	65,537	\$104.1	\$6,822	7.8088	1.8527	0.4571	4.95	49,119	\$12,640	\$3,119	\$630
E.N. Central	313,902		\$30,634				18.00	209,143	\$51,824	\$12,839	\$713
Illinois	73,821	\$92.8	\$6,851	7.4165	1.8243	0.4570	4.77	46,844	\$12,498	\$3,131	\$656
Indiana	78,106	\$87.9	\$6,866	7.5597	1.6756	0.4075	2.50	47,853	\$11,504	\$2,798	\$1,119
Michigan	53,020	\$108.4	\$5,747	7.0316	1.5710	0.3970	3.83	37,261	\$9,029	\$2,282	\$596
Ohio	71,707	\$99.0	\$7,099	7.9044	1.7685	0.4318	4.59	51,736	\$12,555	\$3,065	\$668
Wisconsin	37,248	\$109.3	\$4,071	6.7797	1.5325	0.3840	2.31	25,449	\$6,239	\$1,563	\$677
W.N. Central	199,048		\$18,357				8.17	108,424	\$28,334	\$6,641	\$813
Iowa	30,377	\$84.7	\$2,573	5.7510	1.4023	0.3258	1.24	13,643	\$3,608	\$838	\$676
Kansas	24,593	\$100.6	\$2,474	6.2493	1.5167	0.3540	1.11	14,255	\$3,752	\$876	\$789
Minnesota	25,375	\$96.9	\$2,459	6.8754	1.5872	0.3950	2.13	15,587	\$3,903	\$971	\$456
Missouri	65,259	\$93.0	\$6,069	6.8837	1.6354	0.3740	2.31	38,519	\$9,925	\$2,270	\$983
Nebraska	24,152	\$90.4	\$2,183	5.0705	1.3771	0.3203	0.74	10,207	\$3,007	\$699	\$945
North Dakota	27,797	\$88.5	\$2,460	6.8214	1.6048	0.3821	0.31	15,472	\$3,948	\$940	\$3,032
South Dakota	1,495	\$93.1	\$139	5.7750	1.3728	0.3332	0.33	741	\$191	\$46	\$141
South Atlantic	243,216		\$22,945				22.88	150,973	\$36,669	\$8,942	\$391
Delaware	599	\$112.1	\$67	4.7059	1.4495	0.2961	0.35	291	\$97	\$20	\$57
Florida	42,858	\$106.4	\$4,560	7.5381	1.5761	0.4100	7.33	31,693	\$7,187	\$1,870	\$255
Georgia	37,159	\$95.2	\$3,538	7.6949	1.6370	0.4132	3.59	25,098	\$5,791	\$1,462	\$407
Maryland	13,923	\$121.4	\$1,690	5.6698	1.5245	0.3653	2.17	8,836	\$2,577	\$617	\$285
North Carolina	40,433	\$93.6	\$3,785	7.1157	1.5701	0.3884	3.79	24,829	\$5,942	\$1,470	\$388
South Carolina	22,644	\$94.8	\$2,147	6.9015	1.5228	0.3522	1.83	13,660	\$3,269	\$756	\$413
Virginia	17,525	\$93.1	\$1,632	6.6276	1.6863	0.4048	3.08	9,970	\$2,751	\$660	\$214
West Virginia	68,075	\$81.2	\$5,528	7.1807	1.6381	0.3776	0.74	36,597	\$9,055	\$2,087	\$2,821
E.S. Central	150,808		\$13,168				7.16	94,384	\$22,163	\$5,345	\$747
Alabama	41,565	\$93.7	\$3,895	8.1280	1.6963	0.4225	1.84	29,186	\$6,606	\$1,645	\$894
Kentucky	72,245	\$80.3	\$5,801	7.7992	1.7072	0.4021	1.71	41,716	\$9,904	\$2,333	\$1,364
Mississippi	6,400	\$95.5	\$611	7.4943	1.5881	0.3889	1.10	4,223	\$971	\$238	\$261
Tennessee	30,598	\$93.5	\$2,861	7.3010	1.6366	0.3948	2.51	19,258	\$4,682	\$1,129	\$450
W.S. Central	183,341		\$15,369				13.59	114,248	\$27,933	\$7,090	\$522
Arkansas	21,740	\$81.5	\$1,772	6.9726	1.5204	0.3684	1.13	11,391	\$2,694	\$653	\$578
Louisiana	15,165	\$76.4	\$1,159	7.5275	1.6702	0.4175	1.72	8,041	\$1,935	\$484	\$281
Oklahoma	24,880	\$78.3	\$1,948	8.1215	1.6805	0.4224	1.46	14,587	\$3,274	\$823	\$564
Texas	121,556	\$86.3	\$10,490	8.2949	1.9094	0.4891	9.28	80,229	\$20,030	\$5,131	\$553
Mountain	182,295		\$16,721				8.40	120,634	\$28,665	\$7,247	\$863
Arizona	36,167	\$104.0	\$3,761	7.1858	1.6103	0.4165	2.43	24,920	\$6,057	\$1,567	\$645
Colorado	31,554	\$97.8	\$3,086	8.9041	1.9350	0.4987	2.04	25,335	\$5,971	\$1,539	\$754
Idaho	72	\$81.2	\$6	6.6080	1.4417	0.3600	0.59	36	\$8	\$2	\$4
Montana	16,280	\$89.3	\$1,454	7.7555	1.6258	0.4035	0.41	10,396	\$2,364	\$587	\$1,431
Nevada	2,658	\$94.8	\$252	6.0271	1.4532	0.3543	1.02	1,400	\$366	\$89	\$88
New Mexico	20,440	\$96.8	\$1,979	7.7991	1.6628	0.4141	0.76	14,228	\$3,290	\$819	\$1,078
Utah	31,974	\$86.1	\$2,753	9.3948	1.8853	0.4835	0.92	23,846	\$5,190	\$1,331	\$1,447
Wyoming	43,150	\$79.5	\$3,430	6.4734	1.5794	0.3829	0.23	20,474	\$5,418	\$1,314	\$5,711
Pacific	7,817		\$644				16.98	4,009	\$1,010	\$247	\$15
California	388	\$155.0	\$60	6.9807	1.7217	0.4448	12.76	387	\$104	\$27	\$2
Oregon	2,377	\$88.2	\$210	6.4926	1.5349	0.3678	1.54	1,255	\$322	\$77	\$50
Washington	5,052	\$74.1	\$374	6.8576	1.5612	0.3836	2.68	2,367	\$584	\$144	\$54
48-State Total	1,354,002	\$104.20	\$141,087				115.58	857,356	\$211,168	\$51,935	\$449

SOURCES:

RIMS TYPE II EMPLOYMENT AND FINAL DEMAND MULTIPLIERS FOR ELECTRIC POWER GENERATION, TRANSMISSION, AND DISTRIBUTION FROM U.S. DEPT OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS, BASED ON 2002 BENCHMARK INPUT-OUTPUT TABLES FOR THE NATION AND 2010 REGIONAL DATA (2013).

COAL-BASED GENERATION AND AVERAGE RETAIL ELECTRICITY PRICES FROM DOE/EIA ELECTRIC POWER MONTHLY, FEB 2016.

*TOTAL DIRECT AND INDIRECT JOBS PER MILLION DOLLARS OF OUTPUT DELIVERED TO FINAL DEMAND. JOB ESTIMATES BY STATE ARE ADJUSTED TO A 2010 DOLLAR BASIS BY THE GDP IMPLICIT PRICE DEFLATOR FOR 2010-2015 (FED. RES. BANK OF ST. LOUIS, 2016).

**TOTAL DOLLAR CHANGE IN OUTPUT IN ALL INDUSTRIES WITHIN THE STATE PER DOLLAR OF OUTPUT DELIVERED TO FINAL DEMAND.

*** TOTAL DOLLAR CHANGE IN HOUSEHOLD EARNINGS WITHIN THE STATE PER DOLLAR OF OUTPUT DELIVERED TO FINAL DEMAND.

****GROSS RETAIL REVENUES ARE ATTRIBUTED TO EACH STATE BASED ON STATE COAL GENERATION AND RETAIL PRICES.

RETAIL POWER PRICES ARE THE WEIGHTED AVERAGE OF RESIDENTIAL, COMMERCIAL AND INDUSTRIAL ELECTRICITY PRICES