

ELECTRIC GENERATION FROM ALL SOURCES AND FROM COAL "UNITS AT RISK" WITH DIRECT AND TOTAL JOB ESTIMATES

	ELEC. GENERATION BY STATE 2009 GWH*		GENERATION (2005) FROM "UNITS AT RISK"*** 25-400 MW, >40 YEARS W/O SCRUBBERS PCT OF STATE GENERATION				EST. DIRECT	JOB	EST. TOTAL
	TOTAL	COAL	# UNITS	GWH	TOTAL	COAL	COAL/UTILITY/RAIL JOBS AT RISK***	MULTIPLIER RIMS****	DIRECT & INDIRECT JOBS
New									
England	116,118	14,715	11	11,620	10%	79%	1,975		6,552
Connecticut	29,786	2,118	1	2,736	9%	129%	465	3.28	1,526
Mass.	37,065	9,583	7	7,904	21%	82%	1,344	3.36	4,515
New Hamp.	20,586	2,939	3	980	5%	33%	167	3.07	511
Rhode Isl.	7,309	0	0	0	0%	0%	0	NA	0
Vermont	6,263	0	0	0	0%	0%	0	NA	0
Middle									
Atlantic	392,410	116,518	34	15,082	4%	13%	2,564		13,101
New Jersey	58,474	4,920	3	561	1%	11%	95	3.83	365
New York	127,589	13,649	10	2,687	2%	20%	457	2.91	1,329
Pennsylvania	206,346	97,948	21	11,834	6%	12%	2,012	5.67	11,407
East North									
Central	569,271	390,895	146	103,556	18%	26%	17,605		82,873
Illinois	180,248	83,746	31	31,715	18%	38%	5,392	5.36	28,899
Indiana	110,151	102,935	24	14,106	13%	14%	2,398	5.33	12,781
Michigan	94,926	63,579	32	23,503	25%	37%	3,996	3.66	14,624
Ohio	126,855	106,124	38	22,192	17%	21%	3,773	5.16	19,467
Wisconsin	57,093	34,511	21	12,040	21%	35%	2,047	3.47	7,102
West North									
Central	294,526	212,291	74	40,401	14%	19%	6,868		29,880
Iowa	48,119	35,359	23	8,266	17%	23%	1,405	3.99	5,607
Kansas	44,033	29,715	6	2,633	6%	9%	448	5.4	2,417
Minnesota	48,736	28,529	13	4,640	10%	16%	789	3.69	2,911
Missouri	83,210	67,621	21	16,853	20%	25%	2,865	4.53	12,978
Nebraska	31,588	20,466	8	5,519	17%	27%	938	3.45	3,237
N. Dakota	31,266	27,673	3	2,490	8%	9%	423	6.45	2,730
S. Dakota	7,576	2,930	0	0	0%	0%	0	NA	0

South										
Atlantic	722,580	328,693	98	84,257	12%	26%	14,324			63,304
Delaware	4,570	2,615	4	2,068	45%	79%	352	3.89		1,368
Florida	208,795	50,445	5	4,542	2%	9%	772	3.49		2,695
Georgia	123,085	66,934	10	7,891	6%	12%	1,341	4.07		5,460
Maryland	42,408	24,070	6	5,497	13%	23%	934	4.00		3,738
N. Carolina	111,326	62,300	22	9,798	9%	16%	1,666	3.62		6,030
S. Carolina	96,524	32,588	14	10,266	11%	32%	1,745	3.94		6,876
Virginia	69,193	25,496	21	14,322	21%	56%	2,435	4.72		11,492
West Va.	66,636	64,244	16	29,873	45%	46%	5,078	5.05		25,646
East South										
Central	342,905	186,634	55	53,772	16%	29%	9,141			46,570
Alabama	134,070	53,626	19	20,105	15%	37%	3,418	5.51		18,832
Kentucky	86,515	80,125	19	13,416	16%	17%	2,281	5.49		12,521
Mississippi	47,003	12,236	0	0	0%	0%	0	NA		0
Tennessee	75,319	40,645	17	20,251	27%	50%	3,443	4.42		15,217
West South										
Central	595,705	207,321	0	0	0%	0%	0			0
Arkansas	55,244	23,474	0	0	0%	0%	0	NA		0
Louisiana	87,165	21,309	0	0	0%	0%	0	NA		0
Oklahoma	73,754	32,685	0	0	0%	0%	0	NA		0
Texas	379,543	129,855	0	0	0%	0%	0	NA		0
Mountain										
Central	344,476	183,030	15	9,850	3%	5%	1,675	NA		9,010
Arizona	107,415	36,506	1	783	1%	2%	133	4.3		572
Colorado	47,113	28,804	9	5,002	11%	17%	850	5.57		4,736
Idaho	12,409	70	0	0	0%	0%	0	NA		0
Montana	23,450	13,456	1	1,011	4%	8%	172	4.86		835
Nevada	35,916	6,791	0	0	0%	0%	0	NA		0
N. Mexico	37,164	26,969	0	0	0%	0%	0	NA		0
Utah	40,115	32,818	2	1,349	3%	4%	229	5.61		1,287
Wyoming	40,895	37,616	2	1,705	4%	5%	290	5.45		1,580

Pacific										
Contiguous	344,886	10,904	0	0	0%	0%	0			0
California	193,585	1,846	0	0	0%	0%	0	NA		0
Oregon	52,049	2,431	0	0	0%	0%	0	NA		0
Washington	99,254	6,625	0	0	0%	0%	0	NA		0
Pacific										
Noncontiguous	15,886	1,928	0	0	0%	0%	0			0
Alaska	6,083	536	0	0	0%	0%	0	NA		0
Hawaii	9,804	1,391	0	0	0%	0%	0	NA		0
							0	NA		0
U.S. Total	3,738,765	1,652,926	433	318,538	9%	19%	54,151			251,291

*ANNUALIZED 2009 BASED ON SEP 2009 YTD FROM DOE/EIA ELECTRIC POWER MONTHLY (DEC 2009).

** PRELIMINARY SORT OF UNITS AT RISK BASED ON DOE/NETL 2007 COAL POWERPLANT DATABASE (2009), COVERING UNITS 25-400 MW AND >40 YEARS OLD WITHOUT INSTALLED OR PLANNED SCRUBBERS. EXCLUDES ANNOUNCED EXELON CLOSURES IN PA; INCLUDES NRG ANNOUNCED CLOSURES IN DE, PROGRESS ENERGY ANNOUNCED CLOSURES IN NC AND CONSUMERS ANNOUNCED CLOSURES IN MI.

***DIRECT UTILITY/COAL/RAIL JOBS ESTIMATED AT 0.17 JOBS PER GIGAWATT-HOUR, BASED ON 2007 DATA FROM DOE/EIA AND ENERGY VENTURES ANALYSIS.

****DIRECT EFFECT EMPLOYMENT MULTIPLIERS FOR ELECTRIC, GAS, WATER AND SANITARY SERVICES IN US DEPT. OF COMMERCE, USER HANDBOOK FOR THE REGIONAL INPUT-OUTPUT MODELING SYSTEM, VOL. 2 (1992).