

Table 5. Total renewable net generation by energy source and State, 2009

thousand kilowatthours

State	NonHydroelectric								Total	Total
	Hydroelectric Conventional	Biomass			Geothermal	Solar		Wind		
		Waste		Wood and Derived Fuels ³		Thermal/ PV				
		Landfill Gas/MSW Biogenic ¹	Other Biomass ²							
Alabama	12,535,373	-	14,482	3,035,375	-	-	-	3,049,857	15,585,230	
Alaska	1,323,744	-	6,511	-	-	-	7,027	13,538	1,337,283	
Arizona	6,427,345	18,299	3,691	136,641	-	14,145	29,545	202,321	6,629,666	
Arkansas	4,192,706	34,371	22,679	1,528,501	-	-	-	1,585,550	5,778,256	
California	27,888,036	1,841,859	625,802	3,732,016	12,852,783	647,390	5,839,813	25,539,662	53,427,698	
Colorado	1,885,724	17,463	38,701	388	-	25,585	3,163,836	3,245,973	5,131,697	
Connecticut	509,546	758,108	-	622	-	-	-	758,730	1,268,276	
Delaware	-	125,611	-	-	-	-	-	125,611	125,611	
District of Columbia	-	-	-	-	-	-	-	-	-	
Florida	208,202	1,846,339	530,398	1,954,125	-	9,470	-	4,340,332	4,548,534	
Georgia	3,259,683	50,719	28,881	2,745,569	-	-	-	2,825,170	6,084,853	
Hawaii	112,649	180,067	104,359	-	167,591	1,390	251,427	704,835	817,483	
Idaho	10,434,264	-	-	477,948	75,950	-	313,418	867,316	11,301,580	
Illinois	136,380	709,136	607	461	-	16	2,819,532	3,529,752	3,666,132	
Indiana	503,470	302,644	-	-	-	-	1,403,192	1,705,836	2,209,306	
Iowa	971,165	93,417	74,471	194	-	-	7,420,520	7,588,601	8,559,766	
Kansas	12,798	-	-	-	-	-	2,863,267	2,863,267	2,876,065	
Kentucky	3,317,641	96,393	4,481	262,660	-	-	-	363,534	3,681,175	
Louisiana	1,236,351	-	67,186	2,296,773	-	-	-	2,363,959	3,600,310	
Maine	4,211,679	232,254	40,618	3,366,750	-	-	298,623	3,938,244	8,149,923	
Maryland	1,888,769	375,722	-	175,057	-	-	-	550,780	2,439,549	
Massachusetts	1,201,076	1,103,995	3,880	115,384	-	43	5,956	1,229,257	2,430,334	
Michigan	1,371,926	828,878	5,133	1,489,001	-	-	300,172	2,623,184	3,995,110	
Minnesota	809,088	384,238	503,066	796,331	-	-	5,053,022	6,736,657	7,545,745	
Mississippi	-	-	6,960	1,417,319	-	-	-	1,424,279	1,424,279	
Missouri	1,816,693	49,808	23,530	2,090	-	-	499,377	574,805	2,391,498	
Montana	9,505,940	-	-	94,642	-	-	820,924	915,566	10,421,506	
Nebraska	433,690	47,449	18,746	-	-	-	382,634	448,829	882,519	
Nevada	2,460,595	-	-	890	1,633,213	174,309	-	1,808,412	4,269,007	
New Hampshire	1,680,492	151,278	-	984,181	-	-	62,477	1,197,936	2,878,428	
New Jersey	32,081	924,671	3,535	-	-	10,707	20,918	959,831	991,912	
New Mexico	270,963	-	33,664	-	-	-	1,546,718	1,580,382	1,851,345	
New York	27,615,106	1,664,816	-	535,853	-	-	2,266,339	4,467,008	32,082,114	
North Carolina	5,171,257	120,191	11,300	1,757,350	-	4,563	-	1,893,404	7,064,660	
North Dakota	1,475,251	-	11,572	-	-	-	2,997,530	3,009,102	4,484,353	
Ohio	527,746	198,144	11,467	409,685	-	-	14,114	633,410	1,161,156	
Oklahoma	3,552,573	-	163,010	68,064	-	-	2,698,199	2,929,273	6,481,846	
Oregon	33,033,513	128,332	-2,759	674,381	-	-	3,469,714	4,272,427	37,305,940	
Pennsylvania	2,682,866	1,576,577	-	694,242	-	3,562	1,074,788	3,351,928	6,034,794	
Rhode Island	4,736	144,600	-	-	-	-	-	144,600	149,336	
South Carolina	2,332,005	137,254	5,775	1,610,717	-	-	-	1,747,971	4,079,977	
South Dakota	4,432,451	-	7,409	-	-	-	420,981	426,756	4,859,207	
Tennessee	10,211,962	28,891	30,816	862,421	-	-	51,747	950,468	11,162,430	
Texas	1,028,657	398,259	-	649,298	-	-	20,026,103	21,104,476	22,133,134	
Utah	835,257	47,878	-	-	279,121	-	159,537	486,536	1,321,793	
Vermont	1,485,825	24,190	14,396	393,266	-	-	11,589	429,045	1,914,871	
Virginia	1,478,630	694,807	10,954	1,708,316	-	-	-	2,417,519	3,896,149	
Washington	72,932,704	156,068	-149	1,305,162	-	-	3,572,486	5,044,670	77,977,375	
West Virginia	1,645,927	-	30,079	-689	-	-	742,439	741,602	2,387,529	
Wisconsin	1,393,988	489,095	-	769,156	-	-	1,051,965	2,340,295	3,734,284	
Wyoming	966,572	-	2,460,771	-	-	-	2,226,205	2,226,205	3,192,777	
U.S. Total	273,445,094	15,981,824	-	36,050,138	15,008,658	891,179	73,886,132	144,278,703	417,723,797	

¹Includes landfill gas and MSW biogenic (paper and paper board, wood, food, leather, textiles and yard trimmings).²Agriculture byproducts/crops, sludge waste, and other biomass solids, liquids and gases.³Black liquor, and wood/wood waste solids and liquids.

MSW = Municipal Solid Waste.

PV = Photovoltaic.

- = No data reported.

Note: Totals may not equal sum of components due to independent rounding.**Source:** U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."