

Table 1.20 Total renewable net generation by energy source and State, 2009

(thousand kilowatthours)

State	NonHydroelectric									
	Hydroelectric Conventional	Biomass			Geothermal	Solar			Total	Total
		Waste		Wood and Derived Fuels ³		Thermal/ PV	Wind			
		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	-	674,381	-	-	3,469,714	4,272,427	37,305,940	
Pennsylvania	2,682,866	1,576,577	2,759	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	-	1,610,717	-	-	-	1,747,971	4,079,977	

See footnotes at end of table.

Table 1.20 Total renewable net generation by energy source and State, 2009 (cont.)

(thousand kilowatthours)

State	NonHydroelectric									
	Hydroelectric Conventional	Biomass			Geothermal	Solar			Total	Total
		Waste		Wood and Derived Fuels ³		Thermal/ PV	Wind			
		Landfill Gas/MSW Biogenic ¹	Other Biomass ²							
South Dakota	4,432,451	-	5,775	-	-	-	420,981	426,756	4,859,207	
Tennessee	10,211,962	28,891	7,409	862,421	-	-	51,747	950,468	11,162,430	
Texas	1,028,657	398,259	30,816	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	-	393,266	-	-	11,589	429,045	1,914,871	
Virginia	1,478,630	694,807	14,396	1,708,316	-	-	-	2,417,519	3,896,149	
Washington	72,932,704	156,068	10,954	1,305,162	-	-	3,572,486	5,044,670	77,977,375	
West Virginia	1,645,927	-	-149	-689	-	-	742,439	741,602	2,387,529	
Wisconsin	1,393,988	489,095	30,079	769,156	-	-	1,051,965	2,340,295	3,734,284	
Wyoming	966,572	-	-	-	-	-	2,226,205	2,226,205	3,192,777	
U.S. Total	273,445,094	15,981,824	2,460,771	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."