

| 6.1.6 U.S. Renewable Electric Utility and Nonutility Net Summer Electricity Generation Capacity (GW) | | | | | | | | |
|---|-------------------------|-------------------|------------------------------|----------------|----------------------|-----------------|-------------|--------------|
| | <u>Conv. Hydropower</u> | <u>Geothermal</u> | <u>Municipal Solid Waste</u> | <u>Biomass</u> | <u>Solar Thermal</u> | <u>Solar PV</u> | <u>Wind</u> | <u>Total</u> |
| 1980 | 81.7 | 0.9 | 0.0 | 0.1 | 0.0 | N.A. | N.A. | 82.7 |
| 1981 | 82.4 | 0.9 | 0.0 | 0.1 | 0.0 | N.A. | 0.0 | 83.4 |
| 1982 | 83.0 | 1.0 | 0.0 | 0.1 | 0.0 | N.A. | 0.0 | 84.1 |
| 1983 | 83.9 | 1.2 | 0.0 | 0.2 | 0.0 | N.A. | 0.0 | 85.3 |
| 1984 | 85.3 | 1.2 | 0.0 | 0.3 | 0.0 | N.A. | 0.0 | 86.9 |
| 1985 | 88.9 | 1.6 | 0.2 | 0.2 | 0.0 | N.A. | 0.0 | 90.8 |
| 1986 | 89.3 | 1.6 | 0.2 | 0.2 | 0.0 | N.A. | 0.0 | 91.2 |
| 1987 | 89.7 | 1.5 | 0.2 | 0.2 | 0.0 | N.A. | 0.0 | 91.7 |
| 1988 | 90.3 | 1.7 | 0.2 | 0.2 | 0.0 | N.A. | 0.0 | 92.4 |
| 1989 | 73.6 | 2.6 | 1.7 | 1.1 | 0.2 | N.A. | 1.5 | 80.7 |
| 1990 | 73.3 | 2.7 | 2.1 | 1.2 | 0.3 | N.A. | 1.8 | 81.4 |
| 1991 | 75.4 | 2.6 | 2.5 | 1.3 | 0.3 | N.A. | 1.9 | 84.0 |
| 1992 | 74.2 | 2.9 | 2.5 | 1.4 | 0.3 | N.A. | 1.8 | 83.1 |
| 1993 | 76.8 | 2.9 | 2.6 | 1.5 | 0.3 | N.A. | 1.8 | 85.9 |
| 1994 | 76.9 | 3.0 | 2.7 | 1.7 | 0.3 | N.A. | 1.7 | 86.4 |
| 1995 | 77.4 | 3.0 | 3.0 | 1.8 | 0.3 | N.A. | 1.7 | 87.3 |
| 1996 | 75.3 | 2.9 | 2.9 | 1.7 | 0.3 | N.A. | 1.7 | 84.9 |
| 1997 | 78.3 | 2.9 | 2.9 | 1.8 | 0.3 | N.A. | 1.6 | 87.8 |
| 1998 | 78.0 | 2.9 | 3.0 | 1.8 | 0.3 | N.A. | 1.7 | 87.8 |
| 1999 | 78.3 | 2.8 | 3.0 | 1.8 | 0.4 | N.A. | 2.3 | 88.6 |
| 2000 | 78.2 | 2.8 | 3.3 | 1.7 | 0.4 | N.A. | 2.4 | 88.8 |
| 2001 | 77.9 | 2.2 | 3.3 | 1.6 | 0.4 | N.A. | 3.9 | 89.2 |
| 2002 | 78.3 | 2.3 | 3.3 | 1.6 | 0.4 | N.A. | 4.4 | 90.2 |
| 2003 | 77.9 | 2.1 | 3.3 | 1.6 | 0.4 | N.A. | 6.0 | 91.3 |
| 2004 | 77.0 | 2.2 | 2.9 | 1.6 | 0.4 | N.A. | 6.5 | 90.6 |
| 2005 | 76.9 | 2.3 | 3.0 | 1.6 | 0.4 | N.A. | 8.7 | 92.9 |
| 2006 | 77.1 | 2.3 | 3.1 | 1.7 | 0.4 | N.A. | 11.3 | 95.9 |
| 2007 | 77.5 | 2.2 | 3.5 | 1.7 | 0.5 | N.A. | 16.5 | 102.0 |
| 2008 | 77.6 | 2.2 | 3.6 | 1.8 | 0.5 | N.A. | 24.7 | 110.5 |
| 2009 | 78.2 | 2.4 | 3.7 | 1.9 | 0.6 | N.A. | 34.3 | 121.1 |
| 2010 | 78.0 | 2.4 | 3.3 | 2.4 | 0.5 | 0.4 | 39.1 | 126.1 |
| 2011 | 78.1 | 2.4 | 3.4 | 2.5 | 0.5 | 0.9 | 46.4 | 134.2 |
| 2012 | 78.0 | 2.6 | 3.4 | 2.7 | 0.8 | 1.4 | 50.6 | 139.5 |
| 2013 | 78.1 | 2.8 | 3.4 | 2.7 | 1.3 | 1.9 | 51.2 | 141.4 |
| 2014 | 78.2 | 2.8 | 3.4 | 2.7 | 1.4 | 2.0 | 51.6 | 142.1 |
| 2015 | 78.4 | 2.8 | 3.4 | 2.7 | 1.4 | 2.0 | 51.6 | 142.4 |
| 2016 | 78.6 | 2.8 | 3.4 | 2.7 | 1.4 | 2.0 | 51.6 | 142.5 |
| 2017 | 78.6 | 3.0 | 3.4 | 2.7 | 1.4 | 2.0 | 51.6 | 142.8 |
| 2018 | 78.7 | 3.2 | 3.4 | 2.7 | 1.4 | 2.0 | 51.6 | 143.1 |
| 2019 | 78.7 | 3.4 | 3.4 | 2.7 | 1.4 | 2.0 | 51.6 | 143.3 |
| 2020 | 78.9 | 3.6 | 3.4 | 2.7 | 1.4 | 2.0 | 51.6 | 143.8 |
| 2021 | 79.1 | 3.8 | 3.4 | 2.7 | 1.4 | 2.0 | 51.8 | 144.2 |
| 2022 | 79.1 | 3.9 | 3.4 | 2.7 | 1.4 | 2.1 | 52.0 | 144.6 |
| 2023 | 79.3 | 4.1 | 3.4 | 2.7 | 1.4 | 2.1 | 52.6 | 145.6 |
| 2024 | 79.6 | 4.2 | 3.4 | 2.7 | 1.4 | 2.2 | 53.1 | 146.6 |
| 2025 | 79.6 | 4.4 | 3.4 | 2.7 | 1.4 | 2.3 | 54.6 | 148.4 |
| 2026 | 79.8 | 4.5 | 3.4 | 2.7 | 1.4 | 2.5 | 55.0 | 149.4 |
| 2027 | 80.1 | 4.8 | 3.4 | 2.7 | 1.4 | 2.6 | 55.2 | 150.3 |
| 2028 | 80.1 | 5.0 | 3.4 | 2.7 | 1.4 | 2.7 | 56.2 | 151.6 |
| 2029 | 80.2 | 5.3 | 3.4 | 2.7 | 1.4 | 2.8 | 57.0 | 152.8 |

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| 2030 | 80.5 | 5.5 | 3.4 | 2.7 | 1.4 | 3.8 | 57.5 | 154.8 |
| 2031 | 80.5 | 5.8 | 3.4 | 2.7 | 1.4 | 4.6 | 59.0 | 157.4 |
| 2032 | 80.7 | 6.0 | 3.4 | 2.7 | 1.4 | 5.3 | 59.4 | 158.9 |
| 2033 | 80.8 | 6.1 | 3.4 | 2.7 | 1.4 | 6.3 | 61.1 | 161.8 |
| 2034 | 81.5 | 6.3 | 3.4 | 2.7 | 1.4 | 7.3 | 63.1 | 165.7 |
| 2035 | 81.7 | 6.4 | 3.4 | 2.7 | 1.4 | 8.2 | 65.4 | 169.2 |

Source(s): EIA, Annual Energy Review 2011, Oct. 2011, Table 8.11b for 1980-2009; and EIA, Annual Energy Outlook 2012 Early Release, Jan. 2012, Table A9 and Table A16 for 2010-2035.