### Table 10.6 Solar Electricity Net Generation (Million Kilowatthours)

<table>
<thead>
<tr>
<th>Year</th>
<th>Residential Sector</th>
<th>Commercial Sector</th>
<th>Industrial Sector</th>
<th>Total</th>
</tr>
</thead>
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<td>1985 Total</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
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<td>1990 Total</td>
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<td>4</td>
<td>32</td>
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<tr>
<td>1995 Total</td>
<td>20</td>
<td>29</td>
<td>9</td>
<td>56</td>
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<tr>
<td>2000 Total</td>
<td>39</td>
<td>55</td>
<td>12</td>
<td>107</td>
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<tr>
<td>2001 Total</td>
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<td>67</td>
<td>15</td>
<td>129</td>
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<tr>
<td>2002 Total</td>
<td>56</td>
<td>79</td>
<td>18</td>
<td>153</td>
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<tr>
<td>2003 Total</td>
<td>65</td>
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<td>21</td>
<td>178</td>
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<tr>
<td>2004 Total</td>
<td>81</td>
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<td>221</td>
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<tr>
<td>2005 Total</td>
<td>121</td>
<td>172</td>
<td>38</td>
<td>332</td>
</tr>
<tr>
<td>2006 Total</td>
<td>177</td>
<td>251</td>
<td>56</td>
<td>484</td>
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<tr>
<td>2007 Total</td>
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<td>355</td>
<td>79</td>
<td>683</td>
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<tr>
<td>2008 Total</td>
<td>401</td>
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<td>126</td>
<td>1097</td>
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<tr>
<td>2009 Total</td>
<td>539</td>
<td>766</td>
<td>170</td>
<td>1475</td>
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<td>2012 Total</td>
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<table>
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<tr>
<th>Year</th>
<th>Distributed Solar Generation</th>
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<tr>
<td>2016 February</td>
<td>622</td>
<td>398</td>
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<td>2016 March</td>
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<td>520</td>
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<td>2016 April</td>
<td>951</td>
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<td>616</td>
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<td>2016 June</td>
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<td>623</td>
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<tr>
<td>2016 July</td>
<td>1,146</td>
<td>640</td>
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<tr>
<td>2016 August</td>
<td>1,113</td>
<td>620</td>
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<tr>
<td>2016 September</td>
<td>989</td>
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<tr>
<td>2016 October</td>
<td>884</td>
<td>493</td>
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<tr>
<td>2016 November</td>
<td>726</td>
<td>393</td>
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<tr>
<td>2016 December</td>
<td>853</td>
<td>553</td>
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<td>2016 Total</td>
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<table>
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<tr>
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<th>123</th>
<th>1,246</th>
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<td>629</td>
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<td>1,415</td>
<td>770</td>
<td>239</td>
<td>2,423</td>
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<tr>
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<tr>
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<td>808</td>
<td>252</td>
<td>2,555</td>
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<tr>
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<tr>
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<tr>
<td>2018 August</td>
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<td>3,018</td>
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<td>2,681</td>
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<table>
<thead>
<tr>
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<th>6,691</th>
<th>2,070</th>
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<tbody>
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</table>

Notes:  
• Distributed (small-scale) solar generation data for all years, and utility-scale solar energy data for the current two years, are estimates.  
• Totals may not equal sum of components due to independent rounding.  
• Geographic coverage is the 50 states and the District of Columbia.  
• Sources:  
  • Distributed Solar Generation: 1989–2013—Calculated as distributed solar energy consumption (see Table 10.5) divided by the total fossil fuels heat rate factors (see Table A6).  
  • Solar photovoltaic (PV) and solar thermal electric net generation at utility-scale facilities (combined generator nameplate capacity of 1 megawatt or more).  
  • Commercial combined-heat-and-power (CHP) and commercial electricity-only plants.  
  • Solar combined-heat-and-power (CHP) and industrial electricity-only plants.  
  • Electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public.  
  • Total electricity generation at electric utilities beginning in 1989, data are for electric utilities and independent power producers.  
  • NA—not available.  
  • 50 states and the District of Columbia.  
  • Data are estimates for solar photovoltaic (PV) electricity generation at small-scale facilities (combined generator nameplate capacity less than 1 megawatt) connected to the electric power grid.  
  • See “Photovoltaic Energy” and “Solar Thermal Energy” in Glossary.  
  • Solar photovoltaic (PV) and solar thermal electric net generation at utility-scale facilities (combined generator nameplate capacity of 1 megawatt or more).  
  • Commercial combined-heat-and-power (CHP) and commercial electricity-only plants.  
  • See Note 2, “Classification of Power Plants Into Energy-Use Sectors,” at end of Section 7.

178