

**Table H12. World total net electricity generation by region and country, 2011–40**  
(billion kilowatthours)

Region/country	History		Projections					Average annual percent change, 2012–40
	2011	2012	2020	2025	2030	2035	2040	
<b>OECD</b>								
OECD Americas	<b>5,071</b>	<b>5,017</b>	<b>5,449</b>	<b>5,724</b>	<b>6,036</b>	<b>6,359</b>	<b>6,727</b>	<b>1.1</b>
United States <sup>a</sup>	4,102	4,055	4,351	4,513	4,691	4,860	5,056	0.8
Canada	627	616	692	748	809	880	958	1.6
Mexico and Chile	342	346	406	463	535	618	713	2.6
OECD Europe	<b>3,455</b>	<b>3,483</b>	<b>3,858</b>	<b>4,090</b>	<b>4,328</b>	<b>4,590</b>	<b>4,889</b>	<b>1.2</b>
OECD Asia	<b>1,808</b>	<b>1,748</b>	<b>2,014</b>	<b>2,142</b>	<b>2,261</b>	<b>2,398</b>	<b>2,536</b>	<b>1.3</b>
Japan	1,033	968	1,058	1,097	1,124	1,149	1,149	0.6
South Korea	491	501	628	680	735	794	856	1.9
Australia and New Zealand	284	279	328	364	402	455	530	2.3
<b>Total OECD</b>	<b>10,334</b>	<b>10,248</b>	<b>11,321</b>	<b>11,956</b>	<b>12,625</b>	<b>13,347</b>	<b>14,152</b>	<b>1.2</b>
<b>Non-OECD</b>								
Non-OECD Europe and Eurasia	<b>1,636</b>	<b>1,650</b>	<b>1,688</b>	<b>1,823</b>	<b>1,951</b>	<b>2,081</b>	<b>2,147</b>	<b>0.9</b>
Russia	998	1,013	1,033	1,095	1,151	1,206	1,205	0.6
Other	638	637	655	728	800	875	943	1.4
Non-OECD Asia	<b>6,689</b>	<b>7,020</b>	<b>9,618</b>	<b>10,978</b>	<b>12,197</b>	<b>13,521</b>	<b>14,909</b>	<b>2.7</b>
China	4,547	4,771	6,685	7,497	8,145	8,794	9,426	2.5
India	1,006	1,052	1,387	1,669	1,966	2,336	2,769	3.5
Other	1,135	1,196	1,546	1,811	2,086	2,391	2,714	3.0
Middle East	<b>797</b>	<b>848</b>	<b>1,079</b>	<b>1,261</b>	<b>1,448</b>	<b>1,660</b>	<b>1,882</b>	<b>2.9</b>
Africa	<b>659</b>	<b>682</b>	<b>827</b>	<b>970</b>	<b>1,129</b>	<b>1,328</b>	<b>1,550</b>	<b>3.0</b>
Non-OECD Americas	<b>1,087</b>	<b>1,111</b>	<b>1,232</b>	<b>1,366</b>	<b>1,491</b>	<b>1,644</b>	<b>1,814</b>	<b>1.8</b>
Brazil	530	538	615	694	770	863	966	2.1
Other	557	574	617	672	721	781	848	1.4
<b>Total Non-OECD</b>	<b>10,867</b>	<b>11,312</b>	<b>14,444</b>	<b>16,399</b>	<b>18,215</b>	<b>20,234</b>	<b>22,302</b>	<b>2.5</b>
<b>Total World</b>	<b>21,201</b>	<b>21,559</b>	<b>25,765</b>	<b>28,354</b>	<b>30,840</b>	<b>33,581</b>	<b>36,454</b>	<b>1.9</b>

<sup>a</sup>Includes the 50 states and the District of Columbia.

Notes: Totals may not equal sum of components due to independent rounding.

Sources: **History:** Derived from U.S. Energy Information Administration (EIA), International Energy Statistics database (as of May 2015), [www.eia.gov/ies](http://www.eia.gov/ies). **Projections:** EIA, *Annual Energy Outlook 2015*, DOE/EIA-0383(2015) (Washington, DC: April 2015); AEO2015 National Energy Modeling System, run REF2015.D021915A, [www.eia.gov/aeo](http://www.eia.gov/aeo); and World Energy Projection System Plus (2016), run IEO2016-reference\_final\_2016.02.19\_115008.