

**Table F15. Delivered energy consumption in Other Non-OECD Asia by end-use sector and fuel, 2011–40**  
(quadrillion Btu)

Sector/fuel	History		Projections					Average annual percent change, 2012–40
	2011	2012	2020	2025	2030	2035	2040	
<b>Residential</b>								
Liquids	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.1
Natural gas	0.4	0.4	0.5	0.6	0.6	0.6	0.7	1.7
Coal	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Electricity	1.1	1.2	1.6	1.9	2.2	2.5	2.9	3.2
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
<b>Total</b>	<b>2.2</b>	<b>2.3</b>	<b>2.8</b>	<b>3.2</b>	<b>3.5</b>	<b>3.9</b>	<b>4.3</b>	<b>2.3</b>
<b>Commercial</b>								
Liquids	0.2	0.2	0.3	0.3	0.3	0.3	0.4	1.5
Natural gas	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.6
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.3
Electricity	0.9	1.0	1.4	1.7	2.0	2.4	2.7	3.8
Renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>1.3</b>	<b>1.3</b>	<b>1.8</b>	<b>2.2</b>	<b>2.5</b>	<b>2.9</b>	<b>3.2</b>	<b>3.3</b>
<b>Industrial</b>								
Liquids	5.4	5.7	6.3	7.0	7.6	8.4	9.2	1.8
Natural gas	3.6	3.6	4.1	4.6	5.2	5.9	6.6	2.2
Coal	2.7	2.7	2.9	3.2	3.5	3.9	4.4	1.8
Electricity	1.5	1.6	1.8	2.0	2.2	2.5	2.8	2.0
Renewables	2.1	2.1	2.3	2.6	2.9	3.2	3.5	1.8
<b>Total</b>	<b>15.2</b>	<b>15.7</b>	<b>17.4</b>	<b>19.4</b>	<b>21.5</b>	<b>23.9</b>	<b>26.6</b>	<b>1.9</b>
<b>Transportation</b>								
Liquids	7.1	7.3	8.4	9.6	10.9	12.6	14.6	2.5
Natural gas	0.3	0.3	0.7	1.0	1.3	1.7	2.4	7.6
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	—
Electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
<b>Total</b>	<b>7.3</b>	<b>7.6</b>	<b>9.1</b>	<b>10.6</b>	<b>12.2</b>	<b>14.3</b>	<b>17.0</b>	<b>2.9</b>
<b>All end-use sectors</b>								
Liquids	13.2	13.8	15.7	17.5	19.5	22.0	24.8	2.1
Natural gas	4.3	4.4	5.3	6.3	7.2	8.4	9.8	2.9
Coal	2.8	2.8	2.9	3.3	3.6	4.0	4.5	1.7
Electricity	3.6	3.8	4.8	5.6	6.5	7.5	8.5	2.9
Renewables	2.1	2.1	2.3	2.6	2.9	3.2	3.5	1.8
Delivered energy	<b>26.0</b>	<b>26.9</b>	<b>31.2</b>	<b>35.3</b>	<b>39.8</b>	<b>45.0</b>	<b>51.1</b>	<b>2.3</b>
Electricity-related losses	7.7	7.9	11.5	13.2	14.8	16.6	18.5	3.1
<b>Total</b>	<b>33.7</b>	<b>34.7</b>	<b>42.7</b>	<b>48.6</b>	<b>54.6</b>	<b>61.6</b>	<b>69.6</b>	<b>2.5</b>
<b>Electric power<sup>a</sup></b>								
Liquids	1.3	1.2	1.1	1.1	1.0	1.0	0.9	-0.7
Natural gas	3.5	3.6	4.1	4.6	5.6	6.7	7.6	2.6
Coal	3.1	3.3	4.4	5.0	5.4	6.1	7.0	2.7
Nuclear	0.4	0.4	0.6	0.9	0.9	0.9	1.0	2.9
Renewables	1.9	2.0	3.5	4.5	5.3	6.1	7.0	4.5
<b>Total</b>	<b>10.2</b>	<b>10.6</b>	<b>13.8</b>	<b>16.1</b>	<b>18.4</b>	<b>20.8</b>	<b>23.4</b>	<b>2.9</b>
<b>Unspecified sector</b>	<b>1.1</b>	<b>1.1</b>	<b>2.5</b>	<b>2.7</b>	<b>3.0</b>	<b>3.2</b>	<b>3.5</b>	<b>—</b>
<b>Total energy consumption</b>								
Liquids	15.6	16.0	19.4	21.3	23.5	26.2	29.3	2.2
Natural gas	7.8	8.0	9.5	10.9	12.9	15.1	17.4	2.8
Coal	5.9	6.1	7.4	8.3	9.1	10.1	11.5	2.3
Nuclear	0.4	0.4	0.6	0.9	0.9	0.9	1.0	2.9
Renewables	3.9	4.1	5.8	7.1	8.2	9.3	10.5	3.4
<b>Total</b>	<b>33.7</b>	<b>34.7</b>	<b>42.7</b>	<b>48.6</b>	<b>54.6</b>	<b>61.6</b>	<b>69.6</b>	<b>2.5</b>

<sup>a</sup>Fuel inputs used in the production of electricity and heat, excluding captive generators.

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); and International Energy Agency, "Balances of OECD and Non-OECD Statistics" (2014), [www.iea.org](http://www.iea.org) (subscription site). **Projections:** World Energy Projection System Plus (2016), run IEO2016-reference\_final\_2016.02.19\_115008.