

**Table 12.1. Installed generating capacity by fuel type: Other non-OECD Asia, Low Natural Gas Price with High Renewable Cost case**  
gigawatts

fuel	2019	2025	2030	2035	2040	2045	2050	Average annual percent change, 2019-2050
<b>Liquids-fired</b>	34.3	21.2	14.3	9.6	6.4	4.3	2.8	-7.8
<b>Natural-gas-fired</b>	129.0	119.0	119.8	167.5	247.5	331.4	438.3	4.0
<b>Coal-fired</b>	117.7	138.5	138.5	138.5	138.5	138.5	138.5	0.5
<b>Nuclear</b>	4.9	5.6	5.6	5.6	5.6	5.6	5.6	0.5
<b>Renewables</b>								
Biomass	6.2	12.5	13.9	14.8	19.0	19.0	19.0	3.7
Geothermal	3.6	8.2	8.8	8.8	8.8	8.8	8.8	2.9
Hydro	69.3	92.0	100.7	104.1	104.1	104.1	104.1	1.3
Solar	7.0	18.1	26.7	31.8	34.7	36.8	38.9	5.7
Waste	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind	3.2	10.8	16.5	19.5	21.1	22.7	24.3	6.7
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total renewables	89.7	141.5	166.5	179.0	187.8	191.5	195.2	2.5
<b>Total</b>	<b>375.6</b>	<b>426.0</b>	<b>444.7</b>	<b>500.2</b>	<b>585.9</b>	<b>671.3</b>	<b>780.4</b>	<b>2.4</b>

Totals may not equal sum of components as a result of independent rounding.

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2020),  
run: V46\_10\_1\_LNGP\_HiRen\_rev\200721.123319

**Table 12.2. Net electricity generation by fuel type: Other non-OECD Asia, Low Natural Gas Price with High Renewable Cost case**  
billion kilowatthours

fuel	2019	2025	2030	2035	2040	2045	2050	Average annual percent change, 2019-2050
<b>Liquids-fired</b>	77.9	47.7	31.6	20.7	13.4	8.4	5.0	-8.5
<b>Natural-gas-fired</b>	538.2	481.3	508.2	742.3	1097.3	1469.2	1943.3	4.2
<b>Coal-fired</b>	593.2	705.2	855.4	855.4	855.4	855.4	855.4	1.2
<b>Nuclear</b>	37.2	37.3	37.3	37.3	37.3	37.3	37.3	0.0
<b>Renewables</b>								
Biomass	0.0	0.3	0.4	0.5	0.6	0.8	0.9	infinity
Geothermal	26.8	60.9	65.3	65.3	65.3	65.3	65.3	2.9
Hydro	224.8	297.0	324.8	335.2	335.3	335.3	335.3	1.3
Solar	11.9	32.9	50.3	60.8	66.5	71.4	76.5	6.2
Waste	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind	9.5	20.0	39.4	50.3	55.1	60.0	65.9	6.4
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total renewables	273.1	411.0	480.1	512.1	522.8	532.8	543.9	2.2
<b>Total</b>	<b>1519.6</b>	<b>1682.5</b>	<b>1912.6</b>	<b>2167.9</b>	<b>2526.2</b>	<b>2903.1</b>	<b>3384.9</b>	<b>2.6</b>

Totals may not equal sum of components as a result of independent rounding.

Sources: U.S. Energy Information Administration (EIA), World Energy Projection System (2020),  
run: V46\_10\_1\_LNGP\_HiRen\_rev\200721.123319