International Energy Outlook 2020
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Table 4.1. Installed generating capacity by fuel type: Other non-OECD Asia, High Natural Gas Price with Reference Renewable Cost case

gigawatts

fuel	2019	2025	2030	2035	2040	2045	2050	Average annual percent change, 2019-2050
Liquids-fired	34.3	21.2	14.3	9.6	6.4	5.6	5.5	-5.7
Natural-gas-fired	129.0	107.3	92.1	79.0	76.0	76.0	76.0	-1.7
Coal-fired	117.7	139.2	140.8	162.5	206.3	263.2	335.6	3.4
Nuclear	4.9	5.6	5.6	5.6	5.6	5.6	5.6	0.5
Renewables								
Biomass	6.2	12.6	14.0	15.0	19.2	19.2	19.2	3.7
Geothermal	3.6	8.2	8.8	8.8	8.8	8.8	8.8	2.9
Hydro	69.3	92.6	110.5	113.4	118.6	126.0	126.0	2.0
Solar	7.0	18.8	38.5	79.3	108.7	115.4	119.2	9.6
Waste	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0
Wind	3.2	11.3	23.5	37.2	42.3	43.9	45.5	8.9
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total renewables	89.7	143.8	195.7	253.9	297.9	313.6	319.0	4.2
Total	375.6	417.1	448.5	510.7	592.3	664.1	741.9	2.2

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_HNGP_200529.133922

Table 4.2. Net electricity generation by fuel type: Other non-OECD Asia, High Natural Gas Price with Reference Renewable Cost case

billion kilowatthours

fuel	2019	2025	2030	2035	2040	2045	2050	Average annual percent change, 2019-2050
Liquids-fired	77.9	47.7	31.6	20.7	13.4	11.5	11.5	-6.0
Natural-gas-fired	538.2	433.6	375.1	350.2	307.4	307.4	307.4	-1.8
Coal-fired	593.2	741.6	868.6	1003.0	1274.6	1552.2	1906.9	3.8
Nuclear	37.2	37.3	37.3	37.3	37.3	37.3	37.3	0.0
Renewables								
Biomass	0.0	0.3	0.4	5.7	0.6	0.7	0.8	infinity
Geothermal	26.8	60.9	65.3	65.3	65.3	65.3	65.3	2.9
Hydro	224.8	298.8	355.3	364.4	383.2	414.5	414.5	2.0
Solar	12.0	33.0	76.9	174.4	242.0	256.2	265.6	10.5
Waste	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wind	9.5	23.1	65.3	111.9	129.2	135.2	140.8	9.1
Other renewables	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total renewables	273.1	416.0	563.1	721.7	820.2	871.8	886.9	3.9
Total	1519.6	1676.2	1875.8	2132.9	2452.9	2780.3	3150.1	2.4

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_HNGP_200529.133922