

Table E12.gen. Electricity generation: Asia Pacific, High Oil Price case

billion kilowatthours

Fuel	2022	2025	2030	2035	2040	2045	2050	Average annual percentage change, 2022–2050
Liquid fuels	110	108	49	27	16	11	8	-8.8%
Natural gas	1,617	1,738	1,778	1,713	1,793	2,103	2,249	1.2%
Coal	7,746	7,474	7,875	8,133	8,241	8,159	8,247	0.2%
Nuclear	746	837	993	1,143	1,253	1,329	1,420	2.3%
Renewables	3,721	4,545	5,496	6,608	7,940	9,440	10,709	3.8%
Hydro	1,745	1,949	2,101	2,206	2,257	2,335	2,434	1.2%
Wind	842	1,018	1,281	1,721	2,308	2,698	2,779	4.4%
Geothermal	13	44	67	74	78	78	78	6.7%
Solar	902	1,415	1,937	2,516	3,215	4,156	5,202	6.5%
Other	220	119	109	91	82	174	216	-0.1%
Net generation to grid	13,940	14,703	16,192	17,624	19,242	21,042	22,633	1.7%

Data source: U.S. Energy Information Administration, World Energy Projection System (2023), run hp_230822.081357

Note: Totals may not equal sum of components due to independent rounding. Net generation to grid represents gross generation minus losses from thermal efficiency and parasitic load.