

Annex 3

Results Summary Tables

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ANNEX 3 – RESULTS SUMMARY TABLES

EAS [BAU]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990		2010		2015		2020		2025		2030		2035		1990-2010	2010-2020	2020-2035	2010-2035
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	2010	2020	2035	2035
Total	1,635.4	4,078.6	5,142.3	6,003.0	6,856.8	7,716.1	8,536.0	100	100	100	100	100	100	100	4.7	3.9	2.4	3.0
Coal	782.7	2,205.0	2,730.6	3,059.7	3,437.1	3,802.6	4,121.9	47.9	54.1	53.1	51.0	50.1	49.3	48.3	5.3	3.3	2.0	2.5
Oil	611.3	1,114.5	1,379.2	1,562.2	1,732.3	1,922.2	2,129.1	37.4	27.3	26.8	26.0	25.3	24.9	24.9	3.0	3.4	2.1	2.6
Natural gas	121.6	416.7	572.1	792.8	989.9	1,181.2	1,368.1	7.4	10.2	11.1	13.2	14.4	15.3	16.0	6.3	6.6	3.7	4.9
Nuclear	68.1	139.9	206.2	255.9	301.8	347.3	372.3	4.2	3.4	4.0	4.3	4.4	4.5	4.4	3.7	6.2	2.5	4.0
Hydro	31.7	89.2	111.8	139.9	157.9	175.3	191.9	1.9	2.2	2.2	2.3	2.3	2.3	2.2	5.3	4.6	2.1	3.1
Geothermal	8.7	26.5	32.7	45.6	56.5	67.0	76.6	0.5	0.6	0.6	0.8	0.8	0.9	0.9	5.8	5.6	3.5	4.3
Others	11.3	86.8	109.6	146.8	181.2	220.5	276.1	0.7	2.1	2.1	2.4	2.6	2.9	3.2	10.7	5.4	4.3	4.7
Final energy demand	MTOE							Share, %							AAGR(%)			
Sector	1990		2010		2015		2020		2025		2030		2035		1990-2010	2010-2020	2020-2035	2010-2035
Total	1,122.1	2,488.9	3,228.2	3,802.8	4,343.0	4,887.9	5,439.0	100	100	100	100	100	100	4.1	4.3	2.4	3.2	
Industry	474.9	1,112.4	1,471.5	1,699.5	1,905.5	2,100.9	2,300.1	42.3	44.7	44.7	45.6	44.7	43.9	42.3	4.3	4.3	2.0	2.9
Transportation	207.0	472.7	667.0	778.9	890.2	1,015.8	1,156.0	18.4	19.0	19.0	20.7	20.5	20.5	21.3	4.2	5.1	2.7	3.6
Others	326.9	607.5	729.4	896.8	1,066.9	1,234.5	1,388.9	29.1	24.4	24.4	22.6	23.6	24.6	25.5	3.1	4.0	3.0	3.4
Non-energy	113.3	296.3	360.3	427.5	480.5	536.8	594.0	10.1	11.9	11.9	11.2	11.2	11.1	10.9	4.9	3.7	2.2	2.8
Total	1,122.3	2,488.9	3,228.2	3,802.8	4,343.0	4,887.9	5,439.0	100	100	100	100	100	100	100	4.1	4.3	2.4	3.2
Coal	415.7	665.7	830.6	920.8	993.2	1,053.6	1,112.1	37.0	26.7	25.7	24.2	22.9	21.6	20.4	2.4	3.3	1.3	2.1
Oil	469.3	970.2	1,226.4	1,419.9	1,596.7	1,788.8	1,998.7	41.8	39.0	38.0	37.3	36.8	36.6	36.7	3.7	3.9	2.3	2.9
Natural gas	49.9	180.1	287.1	395.7	495.1	582.3	656.7	4.4	7.2	8.9	10.4	11.4	11.9	12.1	6.6	8.2	3.4	5.3
Electricity	154.4	556.2	731.5	884.9	1,050.1	1,228.4	1,408.8	13.8	22.3	22.7	23.3	24.2	25.1	25.9	6.6	4.8	3.1	3.8
Heat	13.4	69.2	92.2	106.4	117.9	127.1	133.7	1.2	2.8	2.9	2.8	2.7	2.6	2.5	8.6	4.4	1.5	2.7
Others	19.6	47.5	60.4	75.0	90.2	107.7	129.0	1.7	1.9	1.9	2.0	2.1	2.2	2.4	4.5	4.7	3.7	4.1
Power generation Output	TWh							Share, %							AAGR(%)			
Total	2,194.3	7,739.6	10,052.3	12,116.1	14,323.8	16,670.4	19,011.8	100	100	100	100	100	100	100	6.5	4.6	3.0	3.7
Coal	919.3	4,808.6	6,015.1	6,872.5	8,113.6	9,451.2	10,705.7	41.9	62.1	59.8	56.7	56.6	56.7	56.3	8.6	3.6	3.0	3.3
Oil	394.6	216.5	233.3	221.4	214.2	210.7	211.6	18.0	2.8	2.3	1.8	1.5	1.3	1.1	-2.9	0.1	-0.3	-0.1
Natural gas	235.2	981.1	1,353.5	1,849.4	2,273.0	2,739.8	3,280.8	10.7	12.7	13.5	15.3	15.9	16.4	17.3	7.4	6.5	3.9	4.9
Nuclear	261.3	537.0	791.3	981.8	1,158.2	1,332.5	1,428.5	11.9	6.9	7.9	8.1	8.1	8.0	7.5	3.7	6.2	2.5	4.0
Hydro	361.2	1,036.9	1,300.0	1,626.9	1,836.3	2,038.4	2,231.1	16.5	13.4	12.9	13.4	12.8	12.2	11.7	5.4	4.6	2.1	3.1
Geothermal	10.4	28.0	42.1	63.3	81.7	98.7	129.1	0.5	0.4	0.4	0.5	0.6	0.6	0.7	5.1	8.5	4.9	6.3
Others	12.2	129.6	316.9	500.7	646.8	799.1	1,025.0	0.6	1.7	3.2	4.1	4.5	4.8	5.4	12.5	14.5	4.9	8.6
Power generation Input	MTOE							Share, %							AAGR(%)			
Total	396.7	1,448.8	1,782.0	2,048.4	2,381.8	2,735.3	3,072.0	100	100	100	100	100	100	100	6.7	3.5	2.7	3.1
Coal	255.9	1,202.1	1,471.8	1,646.1	1,904.4	2,173.9	2,414.2	64.5	83.0	82.6	80.4	80.0	79.5	78.6	8.0	3.2	2.6	2.8
Oil	88.7	56.6	55.1	52.8	51.8	51.7	52.7	22.3	3.8	3.1	2.6	2.2	1.9	1.7	-2.3	-0.5	0.0	-0.2
Natural gas	52.1	191.2	255.1	349.6	425.5	509.6	605.1	13.1	13.2	14.3	17.1	17.9	18.6	19.7	6.7	6.2	3.7	4.7
Thermal Efficiency	%							Share, %							AAGR(%)			
Total	33.6	35.7	36.7	37.5	38.3	39.0	39.7								0.3	0.5	0.4	0.4
Coal	30.9	34.4	35.1	35.9	36.6	37.4	38.1								0.5	0.4	0.4	0.4
Oil	38.3	33.8	36.4	36.1	35.5	35.0	34.5								-0.6	0.7	-0.3	0.1
Natural gas	38.8	44.1	45.6	45.5	45.9	46.2	46.6								0.6	0.3	0.2	0.2
CO₂ emissions	Mt-C							Share, %							AAGR(%)			
Total	1,339.7	3,309.3	4,125.8	4,725.3	5,358.4	5,981.0	6,561.8	100	100	100	100	100	100	100	4.6	3.6	2.2	2.8
Coal	826.2	2,340.4	2,903.8	3,255.9	3,659.2	4,046.9	4,381.6	61.7	70.7	70.4	68.9	68.3	67.7	66.8	5.3	3.4	2.0	2.5
Oil	439.5	743.5	895.8	1,013.4	1,127.4	1,252.3	1,390.2	32.8	22.5	21.7	21.4	21.0	20.9	21.2	2.7	3.1	2.1	2.5
Natural Gas	74.0	225.4	326.2	456.1	571.8	681.8	790.1	5.5	6.8	7.9	9.7	10.7	11.4	12.0	5.7	7.3	3.7	5.1
Energy and economic indicators															AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	5,877	11,708	14,702	18,580	22,515	26,825	31,600								3.5	4.7	3.6	4.1
Population (millions of people)	2,611	3,301	3,453	3,583	3,691	3,779	3,850								1.2	0.8	0.5	0.6
GDP per capita (thousands of 2000 USD/person)	2.3	3.5	4.3	5.2	6.1	7.1	8.2								2.3	3.9	3.1	3.4
Primary energy consumption per capita (toe/person)	0.63	1.24	1.49	1.68	1.86	2.04	2.22								3.5	3.1	1.9	2.4
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	278	348	350	323	305	288	270								1.1	-0.8	-1.2	-1.0
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	228	283	281	254	238	223	208								1.1	-1.1	-1.3	-1.2
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.82	0.81	0.80	0.79	0.78	0.78	0.77								0.0	-0.3	-0.2	-0.2
Automobile ownership volume (millions of vehicles)	84	217	305	358	413	482	570								4.8	5.1	3.1	3.9
Automobile ownership volume per capita (vehicles per person)	0.03	0.07	0.09	0.10	0.11	0.13	0.15								3.6	4.3	2.7	3.3

EAS [APS]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1,635.4	4,078.6	4,954.8	5,553.2	6,091.0	6,563.8	6,954.7	100	100	100	100	100	100	100	4.7	3.1	1.5	2.2
Coal	782.7	2,205.0	2,629.6	2,747.2	2,860.3	2,923.0	2,920.1	47.9	54.1	53.1	49.5	47.0	44.5	42.0	5.3	2.2	0.4	1.1
Oil	611.3	1,114.5	1,331.7	1,462.9	1,564.1	1,661.6	1,747.3	37.4	27.3	26.9	26.3	25.7	25.3	25.1	3.0	2.8	1.2	1.8
Natural gas	121.6	416.7	509.2	646.9	782.5	901.8	1,011.8	7.4	10.2	10.3	11.6	12.8	13.7	14.5	6.3	4.5	3.0	3.6
Nuclear	68.1	139.9	218.1	322.7	426.1	519.0	598.4	4.2	3.4	4.4	5.8	7.0	7.9	8.6	3.7	8.7	4.2	6.0
Hydro	31.7	89.2	117.0	161.0	183.1	204.5	228.2	1.9	2.2	2.4	2.9	3.0	3.1	3.3	5.3	6.1	2.4	3.8
Geothermal	8.7	26.5	31.5	42.7	55.3	73.8	86.2	0.5	0.6	0.6	0.8	0.9	1.1	1.2	5.8	4.9	4.8	4.8
Others	11.3	86.8	117.6	169.8	219.6	280.0	362.6	0.7	2.1	2.4	3.1	3.6	4.3	5.2	10.7	6.9	5.2	5.9

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1,122.1	2,488.9	3,129.8	3,580.9	3,966.8	4,328.2	4,676.9	100	100	100	100	100	100	100	4.1	3.7	1.8	2.6
Industry	474.9	1,112.4	1,423.5	1,590.2	1,729.7	1,850.3	1,969.0	42.3	44.7	44.7	45.5	44.4	43.6	42.1	4.3	3.6	1.4	2.3
Transportation	207.0	472.7	646.5	734.2	810.7	891.5	977.3	18.4	19.0	19.0	20.7	20.5	20.4	20.9	4.2	4.5	1.9	2.9
Others	326.9	607.5	703.6	838.5	961.6	1,070.5	1,163.5	29.1	24.4	24.4	22.5	23.4	24.2	24.9	3.1	3.3	2.2	2.6
Non-energy	113.3	296.3	356.1	417.9	464.9	515.9	567.1	10.1	11.9	11.9	11.4	11.7	11.7	12.1	4.9	3.5	2.1	2.6

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1,122.3	2,488.9	3,129.8	3,580.9	3,966.9	4,328.2	4,676.9	100	100	100	100	100	100	100	4.1	3.7	1.8	2.6
Coal	415.7	1,112.4	1,423.5	1,590.2	1,729.7	1,850.3	1,969.0	37.0	26.7	25.7	24.1	22.9	21.8	20.8	2.4	2.6	0.8	1.5
Oil	469.3	970.2	1,186.8	1,329.5	1,444.6	1,562.5	1,683.2	41.8	39.0	37.9	37.1	36.4	36.1	36.0	3.7	3.2	1.6	2.2
Natural gas	49.9	180.1	278.4	374.1	455.7	521.7	573.8	4.4	7.2	8.9	10.4	11.5	12.1	12.3	6.6	7.6	2.9	4.7
Electricity	154.4	556.2	709.3	832.7	954.7	1,078.3	1,198.2	13.8	22.3	22.7	23.3	24.1	24.9	25.6	6.6	4.1	2.5	3.1
Heat	13.4	69.2	90.4	100.1	105.3	107.5	107.2	1.2	2.8	2.9	2.8	2.7	2.5	2.3	8.6	3.8	0.5	1.8
Others	19.6	47.5	61.7	80.0	96.9	116.7	143.3	1.7	1.9	2.0	2.2	2.4	2.7	3.1	4.5	5.4	4.0	4.5

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	2,194.3	7,739.6	9,727.9	11,353.2	12,888.0	14,357.4	15,700.7	100	100	100	100	100	100	100	6.5	3.9	2.2	2.9
Coal	919.3	4,808.6	5,751.6	5,965.3	6,283.6	6,496.2	6,404.2	41.9	62.1	59.1	52.5	48.8	45.2	40.8	8.6	2.2	0.5	1.2
Oil	394.6	218.5	212.0	188.7	168.6	154.1	144.5	18.0	2.8	2.2	1.7	1.3	1.1	0.9	-2.9	-1.5	-1.8	-1.6
Natural gas	235.2	981.1	1,140.0	1,351.4	1,599.7	1,868.2	2,183.5	10.7	12.7	11.7	11.9	12.4	13.0	13.9	7.4	3.3	3.3	3.3
Nuclear	261.3	537.0	836.9	1,238.3	1,647.1	2,003.6	2,321.2	11.9	6.9	8.6	10.9	12.8	14.0	14.8	3.7	8.7	4.3	6.0
Hydro	361.2	1,036.9	1,360.7	1,871.6	2,128.5	2,377.6	2,653.2	16.5	13.4	14.0	16.5	16.5	16.6	16.9	5.4	6.1	2.4	3.8
Geothermal	10.4	28.0	40.0	57.9	76.0	102.1	135.9	0.5	0.4	0.4	0.5	0.6	0.7	0.9	5.1	7.5	5.9	6.5
Others	12.2	129.6	386.7	680.0	984.5	1,355.6	1,858.3	0.6	1.7	4.0	6.0	7.6	9.4	11.8	12.5	18.0	6.9	11.2

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	396.7	1,448.8	1,656.2	1,691.1	1,754.4	1,796.1	1,780.0	100	100	100	100	100	100	100	6.7	1.6	0.3	0.8
Coal	255.9	1,202.1	1,398.0	1,403.9	1,433.3	1,436.2	1,373.0	64.5	83.0	84.4	83.0	81.7	80.0	77.1	8.0	1.6	-0.1	0.5
Oil	88.7	55.6	49.8	44.5	40.1	37.2	35.7	22.3	3.8	3.0	2.6	2.3	2.1	2.0	-2.3	-2.2	-1.5	-1.8
Natural gas	52.1	191.2	208.4	242.8	280.9	322.7	371.3	13.1	13.2	12.6	14.4	16.0	18.0	20.9	6.7	2.4	2.9	2.7

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	33.6	35.7	36.9	38.2	39.5	40.8	42.2								0.3	0.7	0.7	0.7
Coal	30.9	34.4	35.4	36.5	37.7	38.9	40.1								0.5	0.6	0.6	0.6
Oil	38.3	33.8	36.6	36.5	36.1	35.6	34.8								-0.6	0.8	-0.3	0.1
Natural gas	38.8	44.1	47.0	47.9	49.0	49.8	50.6								0.6	0.8	0.4	0.5

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1,340.5	3,309.3	3,941.2	4,214.5	4,462.6	4,636.6	4,719.5	100	100	100	100	100	100	100	4.6	2.4	0.8	1.4
Coal	826.2	2,340.4	2,793.9	2,917.8	3,032.4	3,092.1	3,079.8	61.6	70.7	70.9	69.2	68.0	66.7	65.3	5.3	2.2	0.4	1.1
Oil	439.5	743.5	860.6	933.2	989.5	1,038.5	1,073.8	32.8	22.5	21.8	22.1	22.2	22.4	22.8	2.7	2.3	0.9	1.5
Natural Gas	74.8	225.4	286.7	363.5	440.8	506.0	565.9	5.6	6.8	7.3	8.6	9.9	10.9	12.0	5.7	4.9	3.0	3.8

Energy and economic indicators								Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	5,877	11,708	14,702	18,580	22,515	26,825	31,600								3.5	4.7	3.6	4.1
Population (millions of people)	2,611	3,301	3,453	3,583	3,691	3,779	3,850								1.2	0.8	0.5	0.6
GDP per capita (thousands of 2000 USD/person)	2.3	3.5	4.3	5.2	6.1	7.1	8.2								2.3	3.9	3.1	3.4
Primary energy consumption per capita (toe/person)	0.63	1.24	1.43	1.55	1.65	1.74	1.81								3.5	2.3	1.0	1.5
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	278	348	337	299	271	245	220								1.1	-1.5	-2.0	-1.8
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	228	283	268	227	198	173	149								1.1	-2.2	-2.7	-2.5
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.82	0.81	0.80	0.76	0.73	0.71	0.68								-0.1	-0.7	-0.7	-0.7
Automobile ownership volume (millions of vehicles)	84	217	305	358	413	482	570								4.8	5.1	3.1	3.9
Automobile ownership volume per capita (vehicles per person)	0.03	0.07	0.09	0.10	0.11	0.13	0.15								3.6	4.3	2.7	3.3

AUSTRALIA [BAU=APS]

Primary energy consumption	MTOE						Share, %						AAGR(%)					
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	86.2	122.5	145.0	143.6	144.8	147.5	153.3	100	100	100	100	100	100	100	1.8	1.6	0.4	0.9
Coal	35.0	50.0	45.0	34.8	28.9	24.1	20.1	40.6	40.9	31.0	24.2	20.0	16.3	13.1	1.8	-3.6	-3.6	-3.6
Oil	34.9	21.1	56.3	60.4	63.5	66.7	70.1	40.5	17.2	38.9	42.0	43.8	45.2	45.8	-2.5	11.1	1.0	4.9
Natural gas	14.8	26.2	37.1	40.6	43.3	46.2	49.2	17.1	21.4	25.6	28.2	29.9	31.3	32.1	2.9	4.5	1.3	2.6
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.4	0.9	1.0	1.0	1.0	1.0	1.0	-0.2	2.5	0.0	1.0
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	-	-100.0	-	-37.9
Others	0.3	24.0	5.1	6.4	7.6	9.1	11.0	0.3	19.6	3.5	4.5	5.3	6.2	7.2	24.6	-12.4	3.6	-13.1

Final energy demand	MTOE						Share, %						AAGR(%)					
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	56.5	76.3	102.2	106.6	111.2	116.2	121.5	100	100	100	100	100	100	100	1.5	3.4	0.9	1.9
Industry	19.2	22.6	36.5	37.9	39.3	41.0	42.7	34.0	29.7	29.7	35.8	35.5	35.4	35.2	0.8	5.3	0.8	2.6
Transportation	21.1	29.3	43.0	45.0	47.0	49.2	51.4	37.3	38.4	38.4	42.1	42.2	42.3	42.3	1.7	4.4	0.9	2.3
Others	12.3	19.5	22.6	23.7	24.9	26.1	27.3	21.7	25.5	25.5	22.2	22.3	22.4	22.5	2.3	2.0	1.0	1.4
Non-energy	4.0	4.9	0.0	0.0	0.0	0.0	0.0	7.0	6.4	6.4	0.0	0.0	0.0	0.0	1.1	-100.0	-	-100.0
Total	56.5	76.3	102.2	106.6	111.2	116.2	121.5	100	100	100	100	100	100	100	1.5	3.4	0.9	1.9
Coal	4.5	3.1	3.2	3.2	3.1	3.1	3.1	7.9	4.1	3.1	3.0	2.8	2.7	2.5	-1.8	0.1	-0.2	-0.1
Oil	29.0	38.7	53.2	56.2	59.4	62.7	66.2	51.3	50.7	52.1	52.7	53.4	54.0	54.5	1.5	3.8	1.1	2.2
Natural gas	8.6	12.8	21.8	22.1	22.5	22.8	23.2	15.3	16.8	21.4	20.8	20.2	19.6	19.1	2.0	5.6	0.3	2.4
Electricity	11.1	18.0	20.8	21.9	23.2	24.5	25.9	19.7	23.6	20.3	20.6	20.8	21.1	21.3	2.4	2.0	1.1	1.5
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	3.3	3.7	3.2	3.1	3.1	3.1	3.2	5.9	4.8	3.1	2.9	2.8	2.7	2.6	0.5	-1.6	0.2	-0.6

Power generation Output	TWh						Share, %						AAGR(%)					
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	154.7	252.1	247.4	237.7	234.3	237.3	264.9	100	100	100	100	100	100	100	2.5	-0.6	0.7	0.2
Coal	121.2	179.8	143.7	122.7	104.9	89.6	76.5	78.3	71.3	58.1	51.6	44.8	37.7	28.9	2.0	-3.7	-3.1	-3.4
Oil	3.6	3.1	3.3	2.1	1.4	0.9	0.6	2.3	1.2	1.4	0.9	0.6	0.4	0.2	-0.7	-3.7	-8.6	-6.7
Natural gas	14.4	44.6	64.6	71.7	79.6	88.3	97.9	9.3	17.7	26.1	30.2	34.0	37.2	37.0	5.8	4.9	2.1	3.2
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	14.9	13.5	17.0	17.0	17.0	17.0	17.0	9.6	5.4	6.9	7.2	7.3	7.2	6.4	-0.5	2.3	0.0	0.9
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	-	-	-	-
Others	0.8	11.1	18.8	24.2	31.5	41.6	55.9	0.5	4.4	7.6	10.2	13.4	17.5	21.1	14.4	8.1	5.8	6.7

Power generation Input	MTOE						Share, %						AAGR(%)					
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	35.6	58.3	53.6	45.7	41.6	38.8	36.8	100	100	100	100	100	100	100	2.5	-2.4	-1.4	-1.8
Coal	29.6	46.9	40.6	30.7	25.0	20.4	16.5	83.2	80.4	75.8	67.1	60.2	52.6	44.9	2.3	-4.2	-4.0	-4.1
Oil	1.3	1.1	1.2	0.7	0.5	0.3	0.2	3.5	1.9	2.2	1.6	1.2	0.8	0.6	-0.7	-3.9	-8.0	-6.4
Natural gas	4.7	10.3	11.8	14.3	16.1	18.1	20.1	13.3	17.7	22.1	31.3	38.6	46.6	54.6	4.0	3.3	2.3	2.7

Thermal Efficiency	%						Share, %						AAGR(%)					
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	33.6	33.5	34.0	37.0	38.4	39.6	40.9								0.0	1.0	0.7	0.8
Coal	35.2	33.0	30.4	34.4	36.0	37.8	39.9								-0.3	0.4	1.0	0.8
Oil	24.3	24.3	24.6	24.7	23.6	23.4	22.4								0.0	0.2	-0.6	-0.3
Natural gas	26.0	37.1	47.1	43.2	42.6	42.0	42.0								1.8	1.5	-0.2	0.5

CO ₂ emissions	Mt-C						Share, %						AAGR(%)					
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	54.9	82.1	89.2	82.8	80.2	78.7	78.2	100	100	100	100	100	100	100	2.0	0.1	-0.4	-0.2
Coal	32.7	48.9	42.8	33.1	27.5	22.9	19.1	59.5	59.6	48.0	40.0	34.3	29.1	24.5	2.0	-3.8	-3.6	-3.7
Oil	13.4	21.1	29.4	31.1	32.9	34.7	36.6	24.4	25.7	33.0	37.6	41.0	44.0	46.8	2.3	4.0	1.1	2.2
Natural Gas	8.8	12.1	17.0	18.6	19.8	21.1	22.5	16.0	14.7	19.0	22.4	24.7	26.8	28.7	1.6	4.4	1.3	2.5

Energy and economic indicators							AAGR(%)				
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	299.6	561.8	678.7	838.5	1,021.5	1,226.8	1,447.4	3.2	4.1	3.7	3.9
Population (millions of people)	17.2	22.2	23.9	25.7	27.4	29.2	31.2	1.3	1.5	1.3	1.4
GDP per capita (thousands of 2000 USD/person)	17.4	25.3	28.4	32.6	37.3	42.0	46.4	1.9	2.6	2.4	2.5
Primary energy consumption per capita (toe/person)	5.02	5.52	6.07	5.59	5.29	5.05	4.91	0.5	0.1	-0.9	-0.5
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	288	218	214	171	142	120	106	-1.4	-2.4	-3.2	-2.8
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	183	146	131	99	78	64	54	-1.1	-3.8	-3.9	-3.9
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.64	0.67	0.62	0.58	0.55	0.53	0.51	0.3	-1.5	-0.8	-1.1
Automobile ownership volume (millions of vehicles)	10.91	16.37	16.60	17.93	19.07	20.13	21.08	2.0	0.9	1.1	1.0
Automobile ownership volume per capita (vehicles per person)	0.64	0.74	0.70	0.70	0.70	0.69	0.68	0.8	-0.6	-0.2	-0.4

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Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.8	3.1	3.6	3.7	3.9	4.0	4.4	100	100	100	100	100	100	100	2.9	1.7	1.1	1.3
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	0.1	0.5	0.8	0.8	0.9	1.0	1.1	4.7	14.7	21.2	22.7	23.6	24.6	24.5	9.0	6.2	1.7	3.4
Natural gas	1.7	2.7	2.8	2.9	3.0	3.0	3.3	95.3	85.3	78.8	77.3	76.4	75.4	75.5	2.4	0.7	1.0	0.9
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.3	1.7	1.8	2.0	2.2	2.4	2.7	100	100	100	100	100	100	100	8.2	1.7	1.9	1.8
Industry	0.1	1.0	1.0	1.1	1.2	1.3	1.4	17.5	59.4	59.4	57.0	55.6	54.8	54.3	15.1	1.0	1.7	1.4
Transportation	0.2	0.4	0.5	0.5	0.6	0.6	0.7	53.9	23.2	23.2	24.5	25.4	25.8	26.0	3.8	2.6	2.0	2.3
Others	0.1	0.3	0.3	0.4	0.4	0.5	0.5	23.8	16.3	16.3	17.4	18.0	18.4	18.8	6.2	2.7	2.2	2.4
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	1.1	1.1	1.0	1.0	1.0	0.9	0.3	1.3	1.2	1.3
Total	0.3	1.7	1.8	2.0	2.2	2.4	2.7	100	100	100	100	100	100	100	8.3	1.7	1.9	1.8
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	0.3	0.6	0.6	0.7	0.8	0.9	0.9	75.0	33.9	34.8	35.3	35.5	35.5	35.4	4.0	2.1	1.9	2.0
Natural gas	0.0	0.8	0.9	0.9	1.0	1.1	1.2	0.0	49.3	47.2	45.5	44.5	43.7	43.3	-	0.9	1.5	1.3
Electricity	0.1	0.3	0.3	0.4	0.4	0.5	0.6	25.0	16.9	18.0	19.2	20.1	20.8	21.4	6.1	3.0	2.6	2.8
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.2	3.9	4.5	5.2	6.0	6.8	7.7	100	100	100	100	100	100	100	6.2	3.0	2.6	2.8
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	-100.0	-	-	-
Natural gas	1.2	3.9	4.5	5.2	6.0	6.8	7.7	99.1	100.0	100.0	100.0	100.0	100.0	100.0	6.2	3.0	2.6	2.8
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.5	1.2	1.3	1.3	1.3	1.3	1.5	100	100	100	100	100	100	100	4.8	0.8	1.0	0.9
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	-100.0	-	-	-
Natural gas	0.5	1.2	1.3	1.3	1.3	1.3	1.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	4.8	0.8	1.0	0.9

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	21.8	28.4	30.1	35.3	39.5	45.0	45.0								1.3	2.2	1.6	1.9
Coal	-	-	-	-	-	-	-								-	-	-	-
Oil	31.5	-	-	-	-	-	-								-	-	-	-
Natural gas	21.8	28.4	30.1	35.3	39.5	45.0	45.0								1.3	2.2	1.6	1.9

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.9	1.8	2.0	2.1	2.2	2.3	2.5	100	100	100	100	100	100	100	3.6	1.2	1.4	1.3
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	0.2	0.5	0.6	0.7	0.7	0.8	0.9	25.1	29.8	30.2	32.0	33.0	34.1	33.6	4.4	1.9	1.7	1.8
Natural Gas	0.7	1.3	1.4	1.4	1.5	1.5	1.7	74.9	70.2	69.8	68.0	67.0	65.9	66.4	3.2	0.8	1.2	1.1

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	4.8	6.9	7.9	9.1	10.4	11.8	13.5	1.8	2.9	2.6	2.7
Population (millions of people)	0.3	0.4	0.4	0.5	0.5	0.6	0.6	2.3	2.0	1.6	1.8
GDP per capita (thousands of 2000 USD/person)	19.1	17.2	17.8	18.8	19.7	20.7	21.9	-0.5	0.9	1.0	1.0
Primary energy consumption per capita (toe/person)	6.98	7.86	8.05	7.60	7.35	7.05	7.10	0.6	-0.3	-0.5	-0.4
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	366	456	452	405	372	340	324	1.1	-1.2	-1.5	-1.4
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	191	268	250	227	211	194	188	1.7	-1.7	-1.2	-1.4
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.52	0.59	0.55	0.56	0.57	0.57	0.58	0.6	-0.5	0.2	-0.1
Automobile ownership volume (millions of vehicles)	0.12	0.32	0.35	0.39	0.42	0.46	0.49	5.0	2.0	1.6	1.8
Automobile ownership volume per capita (vehicles per person)	0.48	0.80	0.80	0.80	0.80	0.80	0.80	2.6	0.0	0.0	0.0

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Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.8	3.1	3.4	3.3	3.3	3.1	3.1	100	100	100	100	100	100	100	2.9	0.6	-0.4	0.0
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	0.1	0.5	0.7	0.7	0.7	0.7	0.7	4.7	14.7	20.7	21.9	22.7	23.9	23.7	9.0	4.7	0.1	1.9
Natural gas	1.7	2.7	2.7	2.6	2.5	2.3	2.4	95.3	85.3	79.3	77.8	76.6	74.9	75.0	2.4	-0.3	-0.6	-0.5
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.3	1.3	1.3	-	-	8.5	-

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.3	1.7	1.7	1.8	1.8	1.8	1.9	100	100	100	100	100	100	100	8.2	0.4	0.3	0.3
Industry	0.1	1.0	1.0	1.0	1.0	1.1	1.1	17.5	59.4	59.4	57.8	57.3	57.6	59.9	15.1	0.0	0.6	0.4
Transportation	0.2	0.4	0.4	0.4	0.4	0.4	0.4	53.9	23.2	23.2	24.1	24.4	24.3	23.1	3.8	0.9	-0.1	0.3
Others	0.1	0.3	0.3	0.3	0.3	0.3	0.3	23.8	16.3	16.3	17.0	17.1	16.9	15.7	6.2	0.9	-0.3	0.2
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	1.1	1.1	1.1	1.1	1.2	1.2	0.3	1.1	0.9	1.0

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.3	1.7	1.7	1.8	1.8	1.8	1.9	100	100	100	100	100	100	100	8.3	0.4	0.3	0.3
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	0.3	0.6	0.6	0.6	0.6	0.6	0.6	75.0	33.9	34.6	34.9	34.8	34.5	34.0	4.0	0.7	0.1	0.4
Natural gas	0.0	0.8	0.8	0.8	0.8	0.9	0.9	0.0	49.3	47.9	47.1	47.0	47.4	48.2	-	-0.1	0.5	0.3
Electricity	0.1	0.3	0.3	0.3	0.3	0.3	0.3	25.0	16.9	17.5	18.1	18.2	18.1	17.8	6.1	1.1	0.2	0.6
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.2	3.9	4.1	4.3	4.4	4.5	4.4	100	100	100	100	100	100	100	6.2	1.1	0.2	0.6
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	-100.0	-	-	-
Natural gas	1.2	3.9	4.1	4.2	4.3	4.3	4.2	99.1	100.0	100.0	98.2	97.3	95.6	95.1	6.2	0.9	0.0	0.4
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.0	0.0	0.0	1.8	2.7	4.4	4.9	-	-	7.2	-

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.5	1.2	1.2	1.1	1.0	0.8	0.8	100	100	100	100	100	100	100	4.8	-0.6	-2.0	-1.5
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	-100.0	-	-	-
Natural gas	0.5	1.2	1.2	1.1	1.0	0.8	0.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	4.8	-0.6	-2.0	-1.5

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	21.8	28.4	28.9	33.2	37.6	45.0	45.0								1.3	1.6	2.0	1.9
Coal	-	-	-	-	-	-	-								-	-	-	-
Oil	31.5	-	-	-	-	-	-								-	-	-	-
Natural gas	21.8	28.4	28.9	33.2	37.6	45.0	45.0								1.3	1.6	2.0	1.9

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.9	1.8	1.9	1.8	1.8	1.7	1.7	100	100	100	100	100	100	100	3.6	-0.1	-0.5	-0.4
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	0.2	0.5	0.6	0.6	0.6	0.6	0.6	25.1	29.8	29.8	31.6	33.0	35.0	34.7	4.4	0.4	0.1	0.2
Natural Gas	0.7	1.3	1.3	1.2	1.2	1.1	1.1	74.9	70.2	70.2	68.4	67.0	65.0	65.3	3.2	-0.4	-0.8	-0.7

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	4.8	6.9	7.9	9.1	10.4	11.8	13.5	1.8	2.9	2.6	2.7
Population (millions of people)	0.3	0.4	0.4	0.5	0.5	0.6	0.6	2.3	2.0	1.6	1.8
GDP per capita (thousands of 2000 USD/person)	19.1	17.2	17.8	18.8	19.7	20.7	21.9	-0.5	0.9	1.0	1.0
Primary energy consumption per capita (toe/person)	6.98	7.86	7.69	6.86	6.19	5.48	5.09	0.6	-1.3	-2.0	-1.7
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	366	456	432	365	313	264	233	1.1	-2.2	-3.0	-2.7
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	191	268	237	199	170	142	125	1.7	-2.9	-3.1	-3.0
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.52	0.59	0.55	0.55	0.54	0.54	0.54	0.6	-0.8	-0.1	-0.4
Automobile ownership volume (millions of vehicles)	0.12	0.32	0.35	0.39	0.42	0.46	0.49	5.0	2.0	1.6	1.8
Automobile ownership volume per capita (vehicles per person)	0.48	0.80	0.80	0.80	0.80	0.80	0.80	2.6	0.0	0.0	0.0

CAMBODIA [BAU]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1995	2010	2015	2020	2025	2030	2035	1995	2010	2015	2020	2025	2030	2035	1995-2010	2010-2020	2020-2035	2010-2035
Total	0.5	1.4	1.9	2.7	3.5	4.3	5.2	100	100	100	100	100	100	100	6.8	6.8	4.6	5.4
Coal	0.0	0.0	0.4	1.0	1.5	1.6	1.8	0.0	0.6	23.3	36.8	41.9	37.4	34.2	-	61.6	4.0	24.1
Oil	0.5	1.2	1.4	1.6	2.0	2.5	3.1	100.0	90.4	72.1	61.3	56.2	58.1	58.9	6.1	2.7	4.3	3.6
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.0	0.0	0.3	0.7	1.0	1.1	1.3	0.0	0.2	18.0	26.1	28.2	26.0	24.7	-	77.5	4.2	28.9
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.1	-0.3	-0.6	-0.9	-0.9	-0.9	0.0	8.9	-13.3	-24.3	-26.2	-21.5	-17.8	-	-	2.4	-208.4

Final energy demand	MTOE							Share, %							AAGR(%)			
	1995	2010	2015	2020	2025	2030	2035	1995	2010	2015	2020	2025	2030	2035	1995-2010	2010-2020	2020-2035	2010-2035
Total	0.5	1.2	1.4	1.8	2.3	2.9	3.7	100	100	100	100	100	100	100	6.5	4.3	5.0	4.7
Industry	0.0	0.2	0.3	0.4	0.5	0.7	0.9	2.2	20.5	20.5	22.0	22.5	23.1	24.2	23.5	5.3	5.5	5.4
Transportation	0.4	0.6	0.8	1.0	1.2	1.5	1.9	84.9	54.3	54.3	55.6	54.4	53.4	52.5	3.4	4.3	4.7	4.6
Others	0.1	0.3	0.3	0.4	0.5	0.6	0.8	11.3	23.6	23.6	20.8	21.5	22.1	21.9	11.9	3.3	5.1	4.4
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.6	1.6	1.6	1.6	1.6	1.5	1.4	6.9	3.8	4.3	4.1

Sector	MTOE							Share, %							AAGR(%)			
	1995	2010	2015	2020	2025	2030	2035	1995	2010	2015	2020	2025	2030	2035	1995-2010	2010-2020	2020-2035	2010-2035
Total	0.4	1.2	1.4	1.8	2.3	2.9	3.7	100	100	100	100	100	100	100	6.5	4.3	5.0	4.7
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	0.4	1.0	1.2	1.5	1.9	2.3	2.9	97.8	84.9	86.7	84.9	83.0	81.5	80.4	5.5	4.3	4.6	4.5
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Electricity	0.0	0.2	0.2	0.3	0.4	0.5	0.7	2.2	15.1	13.3	15.1	17.0	18.5	19.6	21.0	4.3	6.8	5.8
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Power generation Output	TWh							Share, %							AAGR(%)			
	1995	2010	2015	2020	2025	2030	2035	1995	2010	2015	2020	2025	2030	2035	1995-2010	2010-2020	2020-2035	2010-2035
Total	0.2	1.0	6.1	12.3	17.7	19.6	22.2	100	100	100	100	100	100	100	11.4	28.6	4.0	13.2
Coal	0.0	0.0	1.7	3.8	5.7	6.1	6.8	0.0	3.1	27.3	30.5	32.1	31.3	30.8	-	61.6	4.0	24.1
Oil	0.2	0.9	0.5	0.5	0.4	0.5	0.4	100.0	92.0	8.4	3.8	2.3	2.5	1.7	10.7	-6.6	-1.2	-3.4
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.0	0.0	3.9	8.1	11.6	12.9	14.9	0.0	2.6	64.0	65.6	65.4	66.1	67.4	-	77.5	4.2	28.9
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.4	0.2	0.1	0.1	0.1	-	0.2	0.0	0.1

Power generation Input	MTOE							Share, %							AAGR(%)			
	1995	2010	2015	2020	2025	2030	2035	1995	2010	2015	2020	2025	2030	2035	1995-2010	2010-2020	2020-2035	2010-2035
Total	0.1	0.3	0.6	1.1	1.6	1.7	1.9	100	100	100	100	100	100	100	11.8	15.2	3.6	8.1
Coal	0.0	0.0	0.4	1.0	1.5	1.6	1.8	0.0	3.0	74.8	88.1	92.6	91.9	94.1	-	61.6	4.0	24.1
Oil	0.1	0.3	0.1	0.1	0.1	0.1	0.1	100.0	97.0	25.2	11.9	7.4	8.1	5.9	11.5	-6.6	-1.2	-3.4
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Thermal Efficiency	%							Share, %							AAGR(%)			
	1995	2010	2015	2020	2025	2030	2035	1995	2010	2015	2020	2025	2030	2035	1995-2010	2010-2020	2020-2035	2010-2035
Total	33.4	30.1	32.3	32.6	32.8	32.8	32.8								-0.7	0.8	0.0	0.3
Coal	-	33.0	33.0	33.0	33.0	33.0	33.0								-	0.0	0.0	0.0
Oil	33.4	30.0	30.0	30.0	30.0	30.0	30.0								-0.7	0.0	0.0	0.0
Natural gas	-	-	-	-	-	-	-								-	-	-	-

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1995	2010	2015	2020	2025	2030	2035	1995	2010	2015	2020	2025	2030	2035	1995-2010	2010-2020	2020-2035	2010-2035
Total	0.4	1.0	1.6	2.4	3.3	3.8	4.5	100	100	100	100	100	100	100	6.6	8.8	4.2	6.0
Coal	0.0	0.0	0.5	1.1	1.6	1.8	1.9	0.0	0.9	30.1	44.5	49.9	46.3	43.8	-	61.6	4.0	24.1
Oil	0.4	1.0	1.1	1.3	1.6	2.0	2.5	100.0	99.1	69.9	55.5	50.1	53.7	56.2	6.6	2.7	4.3	3.6
Natural Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Energy and economic indicators								AAGR(%)			
	1995	2010	2015	2020	2025	2030	2035	1995-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	2.6	7.9	10.1	13.0	16.6	21.3	27.4	7.8	5.1	5.1	5.1
Population (millions of people)	11.2	14.1	15.5	16.9	18.5	20.2	22.1	1.6	1.8	1.8	1.8
GDP per capita (thousands of 2000 USD/person)	0.2	0.6	0.7	0.8	0.9	1.1	1.2	6.1	3.2	3.2	3.2
Primary energy consumption per capita (toe/person)	0.05	0.10	0.12	0.16	0.19	0.21	0.23	5.2	4.9	2.7	3.6
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	199	175	186	205	212	200	190	-0.9	1.6	-0.5	0.3
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	155	132	158	186	195	178	163	-1.1	3.5	-0.9	0.9
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.78	0.75	0.85	0.91	0.92	0.89	0.86	-0.2	1.9	-0.4	0.5
Automobile ownership volume (millions of vehicles)	-	-	-	-	-	-	-	-	-	-	-
Automobile ownership volume per capita (vehicles per person)	-	-	-	-	-	-	-	-	-	-	-

CAMBODIA [APS]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1995	2010	2015	2020	2025	2030	2035	1995	2010	2015	2020	2025	2030	2035	1995-2010	2010-2020	2020-2035	2010-2035
Total	0.5	1.4	1.7	2.4	3.2	3.9	4.7	100	100	100	100	100	100	100	6.8	5.9	4.4	5.0
Coal	0.0	0.0	0.4	0.9	1.3	1.6	1.7	0.0	0.6	24.0	37.9	42.0	40.0	35.9	-	60.7	4.1	23.8
Oil	0.5	1.2	1.2	1.5	1.8	2.2	2.7	100.0	90.4	71.1	60.5	56.2	56.7	58.6	6.1	1.7	4.2	3.2
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.0	0.0	0.3	0.7	1.0	1.1	1.2	0.0	0.2	19.4	28.2	30.7	27.0	25.0	-	77.4	3.6	28.5
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.1	-0.3	-0.7	-0.9	-0.9	-0.9	0.0	8.9	-14.5	-26.6	-28.9	-23.7	-19.6	-	-	2.3	-208.4

Final energy demand	MTOE							Share, %							AAGR(%)			
	1995	2010	2015	2020	2025	2030	2035	1995	2010	2015	2020	2025	2030	2035	1995-2010	2010-2020	2020-2035	2010-2035
Total	0.5	1.2	1.3	1.6	2.0	2.6	3.2	100	100	100	100	100	100	100	6.5	3.3	4.7	4.2
Industry	0.0	0.2	0.3	0.4	0.5	0.6	0.8	2.2	20.5	20.5	21.4	22.0	22.4	23.4	23.5	4.0	5.2	4.7
Transportation	0.4	0.6	0.7	0.9	1.1	1.3	1.7	84.9	54.3	54.3	55.4	54.1	53.1	52.3	3.4	3.3	4.5	4.0
Others	0.1	0.3	0.3	0.4	0.5	0.6	0.7	11.3	23.6	23.6	21.5	22.4	23.0	22.9	11.9	2.8	4.9	4.0
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	1.6	1.6	1.5	1.5	1.4	6.9	2.6	4.0	3.4
Total	0.4	1.2	1.3	1.6	2.0	2.6	3.2	100	100	100	100	100	100	100	6.5	3.3	4.7	4.2
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	0.4	1.0	1.1	1.4	1.7	2.1	2.6	97.8	84.9	87.0	85.3	83.5	82.0	81.0	5.5	3.4	4.4	4.0
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Electricity	0.0	0.2	0.2	0.2	0.3	0.5	0.6	2.2	15.1	13.0	14.7	16.5	18.0	19.0	21.0	3.0	6.5	5.1
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Power generation Output	TWh							Share, %							AAGR(%)			
	1995	2010	2015	2020	2025	2030	2035	1995	2010	2015	2020	2025	2030	2035	1995-2010	2010-2020	2020-2035	2010-2035
Total	0.2	1.0	5.9	12.0	17.1	18.7	20.6	100	100	100	100	100	100	100	11.4	28.3	3.7	12.9
Coal	0.0	0.0	1.6	3.6	5.2	6.0	6.5	0.0	3.1	27.0	29.7	30.3	32.1	31.4	-	60.7	4.1	23.8
Oil	0.2	0.9	0.4	0.4	0.4	0.4	0.5	100.0	92.0	6.6	3.2	2.3	2.2	2.4	10.7	-8.3	1.7	-2.4
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.0	0.0	3.9	8.0	11.5	12.3	13.6	0.0	2.6	66.0	66.9	67.2	65.6	66.1	-	77.4	3.6	28.5
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.4	0.2	0.1	0.1	0.1	-	0.2	0.0	0.1

Power generation Input	MTOE							Share, %							AAGR(%)			
	1995	2010	2015	2020	2025	2030	2035	1995	2010	2015	2020	2025	2030	2035	1995-2010	2010-2020	2020-2035	2010-2035
Total	0.1	0.3	0.5	1.0	1.5	1.7	1.8	100	100	100	100	100	100	100	11.8	14.4	3.8	7.9
Coal	0.0	0.0	0.4	0.9	1.3	1.6	1.7	0.0	3.0	78.9	89.4	92.4	93.0	92.3	-	60.7	4.1	23.8
Oil	0.1	0.3	0.1	0.1	0.1	0.1	0.1	100.0	97.0	21.1	10.6	7.6	7.0	7.7	11.5	-8.3	1.7	-2.4
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Thermal Efficiency	%							Share, %							AAGR(%)			
	1995	2010	2015	2020	2025	2030	2035	1995	2010	2015	2020	2025	2030	2035	1995-2010	2010-2020	2020-2035	2010-2035
Total	33.4	30.1	32.4	32.7	32.8	32.8	32.8	-	-	-	-	-	-	-	-0.7	0.8	0.0	0.3
Coal	-	33.0	33.0	33.0	33.0	33.0	33.0	-	-	-	-	-	-	-	-	0.0	0.0	0.0
Oil	33.4	30.0	30.0	30.0	30.0	30.0	30.0	-	-	-	-	-	-	-	-0.7	0.0	0.0	0.0
Natural gas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1995	2010	2015	2020	2025	2030	2035	1995	2010	2015	2020	2025	2030	2035	1995-2010	2010-2020	2020-2035	2010-2035
Total	0.4	1.0	1.5	2.2	3.0	3.5	4.1	100	100	100	100	100	100	100	6.6	8.0	4.1	5.7
Coal	0.0	0.0	0.5	1.0	1.5	1.7	1.8	0.0	0.9	31.1	45.6	50.0	48.6	45.0	-	60.7	4.1	23.8
Oil	0.4	1.0	1.0	1.2	1.5	1.8	2.3	100.0	99.1	68.9	54.4	50.0	51.4	55.0	6.6	1.7	4.2	3.2
Natural Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Energy and economic indicators	Share, %							AAGR(%)			
	1995	2010	2015	2020	2025	2030	2035	1995-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	2.6	7.9	10.1	13.0	16.6	21.3	27.4	7.8	5.1	5.1	5.1
Population (millions of people)	11.2	14.1	15.5	16.9	18.5	20.2	22.1	1.6	1.8	1.8	1.8
GDP per capita (thousands of 2000 USD/person)	0.2	0.6	0.7	0.8	0.9	1.1	1.2	6.1	3.2	3.2	3.2
Primary energy consumption per capita (toe/person)	0.05	0.10	0.11	0.14	0.17	0.19	0.21	5.2	4.0	2.6	3.2
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	199	175	171	189	193	183	171	-0.9	0.8	-0.6	-0.1
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	155	132	145	172	178	166	150	-1.1	2.7	-0.9	0.5
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.78	0.75	0.85	0.91	0.92	0.90	0.88	-0.2	2.0	-0.3	0.6
Automobile ownership volume (millions of vehicles)	-	-	-	-	-	-	-	-	-	-	-
Automobile ownership volume per capita (vehicles per person)	-	-	-	-	-	-	-	-	-	-	-

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Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
	Total	436.6	494.0	487.1	484.9	481.3	471.8	458.1	100	100	100	100	100	100	100	0.6	-0.2	-0.4
Coal	76.6	115.0	112.3	117.2	118.6	121.2	123.7	17.5	23.3	23.1	24.2	24.6	25.7	27.0	2.0	0.2	0.4	0.3
Oil	250.4	203.0	188.6	175.5	164.8	154.5	145.2	57.4	41.1	38.7	36.2	34.2	32.7	31.7	-1.0	-1.4	-1.3	-1.3
Natural gas	44.2	86.0	98.8	105.2	112.3	119.9	129.0	10.1	17.4	20.3	21.7	23.3	25.4	28.2	3.4	2.0	1.4	1.6
Nuclear	52.7	75.1	67.8	62.2	57.6	44.1	23.8	12.1	15.2	13.9	12.8	12.0	9.3	5.2	1.8	-1.9	-6.2	-4.5
Hydro	7.7	7.1	7.4	7.4	7.4	7.5	7.5	1.8	1.4	1.5	1.5	1.5	1.6	1.6	-0.4	0.4	0.1	0.2
Geothermal	1.6	2.5	3.8	6.8	8.9	11.6	14.1	0.4	0.5	0.8	1.4	1.8	2.5	3.1	2.3	10.7	5.0	7.2
Others	3.4	5.3	8.4	10.6	11.8	13.1	14.9	0.8	1.1	1.7	2.2	2.4	2.8	3.3	2.2	7.1	2.3	4.2

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
	Total	300.1	324.6	321.3	315.5	309.4	301.5	293.6	100	100	100	100	100	100	100	0.4	-0.3	-0.5
Industry	102.8	90.0	98.5	98.0	96.6	94.9	93.5	34.3	27.7	27.7	30.7	31.1	31.2	31.9	-0.7	0.9	-0.3	0.2
Transportation	71.8	76.9	71.4	66.2	61.5	57.2	53.3	23.9	23.7	23.7	22.2	21.0	19.9	18.1	0.4	-1.5	-1.4	-1.5
Others	90.9	117.7	116.0	116.5	117.0	116.0	114.1	30.3	36.3	36.3	36.1	36.9	37.8	38.9	1.3	-0.1	-0.1	-0.1
Non-energy	34.5	39.9	35.4	34.7	34.3	33.5	32.7	11.5	12.3	12.3	11.0	11.0	11.1	11.1	0.7	-1.4	-0.4	-0.8

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
	Total	835.5	1,110.8	1,126.5	1,182.3	1,225.0	1,252.0	1,269.4	100	100	100	100	100	100	100	1.4	0.6	0.5
Coal	116.7	304.5	293.5	319.0	334.1	356.1	382.0	14.0	27.4	26.0	27.0	27.3	28.4	30.1	4.9	0.5	1.2	0.9
Oil	247.9	97.5	114.8	105.1	98.6	93.3	89.4	29.7	8.8	10.2	8.9	8.1	7.5	7.0	-4.6	0.8	-1.1	-0.3
Natural gas	167.1	304.5	318.5	356.2	394.0	439.2	492.5	20.0	27.4	28.3	30.1	32.2	35.1	38.8	3.0	1.6	2.2	1.9
Nuclear	202.3	288.2	260.0	238.7	220.9	169.1	91.4	24.2	25.9	23.1	20.2	18.0	13.5	7.2	1.8	-1.9	-6.2	-4.5
Hydro	89.3	82.2	86.0	85.9	86.3	86.8	86.8	10.7	7.4	7.6	7.3	7.0	6.9	6.8	-0.4	0.4	0.1	0.2
Geothermal	1.7	2.6	4.2	7.7	10.1	13.3	16.1	0.2	0.2	0.4	0.7	0.8	1.1	1.3	2.1	11.3	5.1	7.5
Others	10.5	31.2	49.5	69.8	80.8	94.1	111.2	1.3	2.8	4.4	5.9	6.6	7.5	8.8	5.6	8.4	3.1	5.2

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
	Total	109.3	133.6	137.1	147.1	155.6	166.8	180.5	100	100	100	100	100	100	100	1.0	1.0	1.4
Coal	25.4	61.6	59.4	64.6	67.6	71.8	76.7	23.2	46.1	43.3	43.9	43.4	43.0	42.5	4.5	0.5	1.2	0.9
Oil	50.6	18.0	21.2	19.4	18.2	17.3	16.5	46.3	13.5	15.5	13.2	11.7	10.3	9.2	-5.0	0.8	-1.1	-0.3
Natural gas	33.3	54.0	56.4	63.1	69.8	77.8	87.3	30.5	40.4	41.2	42.9	44.9	46.6	48.3	2.4	1.6	2.2	1.9

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
	Total	41.9	45.5	45.6	45.6	45.7	45.8	45.9								0.4	0.0	0.0
Coal	39.5	42.5	42.5	42.5	42.5	42.7	42.8								0.4	0.0	0.1	0.0
Oil	42.1	46.5	46.5	46.5	46.5	46.5	46.5								0.5	0.0	0.0	0.0
Natural gas	43.2	48.5	48.5	48.5	48.5	48.5	48.5								0.6	0.0	0.0	0.0

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
	Total	291.7	315.8	312.9	311.8	309.3	309.0	310.4	100	100	100	100	100	100	100	0.4	-0.1	0.0
Coal	82.3	123.8	120.9	126.2	127.7	130.5	133.2	28.2	39.2	38.7	40.5	41.3	42.2	42.9	2.1	0.2	0.4	0.3
Oil	181.3	137.1	128.9	118.5	109.9	101.9	94.8	62.1	43.4	41.2	38.0	35.5	33.0	30.5	-1.4	-1.4	-1.5	-1.5
Natural Gas	28.1	54.9	63.1	67.2	71.7	76.6	82.4	9.6	17.4	20.2	21.5	23.2	24.8	26.6	3.4	2.0	1.4	1.6

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
	GDP (billions of 2000 US dollars)	4,150.3	5,029.3	5,372.8	5,782.3	6,189.4	6,537.4	6,853.9	1.0	1.4	1.1
Population (millions of people)	123.9	127.2	125.5	122.8	119.3	115.2	110.7	0.1	-0.4	-0.7	-0.6
GDP per capita (thousands of 2000 USD/person)	33.5	39.5	42.8	47.1	51.9	56.7	61.9	0.8	1.8	1.8	1.8
Primary energy consumption per capita (toe/person)	3.52	3.88	3.88	3.95	4.04	4.09	4.14	0.5	0.2	0.3	0.3
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	105	98	91	84	78	72	67	-0.3	-1.6	-1.5	-1.5
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	70	63	58	54	50	47	45	-0.6	-1.5	-1.2	-1.3
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.67	0.64	0.64	0.64	0.64	0.65	0.68	-0.2	0.1	0.3	0.2
Automobile ownership volume (millions of vehicles)	56.49	75.36	74.17	72.57	70.80	68.84	66.69	1.5	-0.4	-0.6	-0.5
Automobile ownership volume per capita (vehicles per person)	0.46	0.59	0.59	0.59	0.59	0.60	0.60	1.3	0.0	0.1	0.1

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Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	436.6	494.0	472.8	460.4	443.1	420.9	400.1	100	100	100	100	100	100	100	0.6	-0.7	-0.9	-0.8
Coal	76.6	115.0	106.3	103.1	98.4	91.7	85.2	17.5	23.3	22.5	22.4	22.2	21.8	21.3	2.0	-1.1	-1.3	-1.2
Oil	250.4	203.0	183.0	164.4	148.3	132.7	119.0	57.4	41.1	38.7	35.7	33.5	31.5	29.7	-1.0	-2.1	-2.1	-2.1
Natural gas	44.2	86.0	92.3	90.1	88.2	84.0	80.0	10.1	17.4	19.5	19.6	19.9	20.0	20.0	3.4	0.5	-0.8	-0.3
Nuclear	52.7	75.1	71.9	77.5	73.6	62.2	57.6	12.1	15.2	15.2	16.8	16.6	14.8	14.4	1.8	0.3	-2.0	-1.1
Hydro	7.7	7.1	7.8	8.5	9.3	10.0	10.6	1.8	1.4	1.7	1.9	2.1	2.4	2.7	-0.4	1.9	1.5	1.6
Geothermal	1.6	2.5	3.7	6.4	11.0	19.0	23.0	0.4	0.5	0.8	1.4	2.5	4.5	5.7	2.3	10.0	8.9	9.3
Others	3.4	5.3	7.7	10.4	14.4	21.1	24.7	0.8	1.1	1.6	2.3	3.3	5.0	6.2	2.2	6.9	5.9	6.3

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	300.1	324.6	312.9	299.5	285.6	270.3	255.6	100	100	100	100	100	100	100	0.4	-0.8	-1.1	-1.0
Industry	102.8	90.0	98.0	96.8	94.9	92.6	89.9	34.3	27.7	27.7	31.3	32.3	33.2	35.2	-0.7	0.7	-0.5	0.0
Transportation	71.8	76.9	69.8	62.1	54.7	48.2	42.6	23.9	23.7	23.7	22.3	20.8	19.2	16.7	0.4	-2.1	-2.5	-2.3
Others	90.9	117.7	109.7	105.8	101.6	96.0	90.3	30.3	36.3	36.3	35.1	35.3	35.6	35.3	1.3	-1.1	-1.0	-1.1
Non-energy	34.5	39.9	35.4	34.7	34.3	33.5	32.7	11.5	12.3	12.3	11.3	11.6	12.0	12.8	0.7	-1.4	-0.4	-0.8

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	300.1	324.6	312.9	299.5	285.6	270.3	255.6	100	100	100	100	100	100	100	0.4	-0.8	-1.1	-1.0
Coal	32.3	28.7	29.0	29.2	28.4	27.5	26.3	10.8	8.8	9.3	9.8	9.9	10.2	10.3	-0.6	0.2	-0.7	-0.3
Oil	184.0	171.4	149.7	134.3	120.6	107.5	95.9	61.3	52.8	47.8	44.9	42.2	39.8	37.5	-0.4	-2.4	-2.2	-2.3
Natural gas	15.2	34.5	43.1	41.3	40.0	37.8	35.8	5.1	10.6	13.8	13.8	14.0	14.0	14.0	4.2	1.8	-1.0	0.1
Electricity	64.5	86.2	83.5	85.1	85.8	85.5	84.9	21.5	26.5	26.7	28.4	30.0	31.6	33.2	1.5	-0.1	0.0	-0.1
Heat	0.2	0.6	2.7	3.8	4.7	5.9	7.0	0.1	0.2	0.8	1.3	1.7	2.2	2.7	5.5	20.6	4.1	10.4
Others	3.9	3.3	5.0	5.7	6.1	6.1	5.7	1.3	1.0	1.6	1.9	2.1	2.2	2.2	-0.7	5.5	0.0	2.2

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	835.5	1,110.8	1,079.1	1,100.6	1,109.7	1,106.0	1,099.0	100	100	100	100	100	100	100	1.4	-0.1	0.0	0.0
Coal	116.7	304.5	263.5	249.7	234.5	209.0	190.5	14.0	27.4	24.4	22.7	21.1	18.9	17.3	4.9	-2.0	-1.8	-1.9
Oil	247.9	97.5	106.6	88.5	76.1	62.5	50.9	29.7	8.8	9.9	8.0	6.9	5.7	4.6	-4.6	-1.0	-3.6	-2.6
Natural gas	167.1	304.5	294.6	295.7	295.8	284.7	274.9	20.0	27.4	27.3	26.9	26.7	25.7	25.0	3.0	-0.3	-0.5	-0.4
Nuclear	202.3	288.2	276.0	297.2	282.3	238.7	220.9	24.2	25.9	25.6	27.0	25.4	21.6	20.1	1.8	0.3	-2.0	-1.1
Hydro	89.3	82.2	91.0	99.2	107.9	116.7	123.4	10.7	7.4	8.4	9.0	9.7	10.6	11.2	-0.4	1.9	1.5	1.6
Geothermal	1.7	2.6	4.1	7.2	12.5	21.9	26.5	0.2	0.2	0.4	0.7	1.1	2.0	2.4	2.1	10.6	9.1	9.7
Others	10.5	31.2	43.2	63.1	100.4	172.5	211.9	1.3	2.8	4.0	5.7	9.1	15.6	19.3	5.6	7.3	8.4	8.0

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	109.3	133.6	124.6	117.9	111.6	101.8	93.6	100	100	100	100	100	100	100	1.0	-1.2	-1.5	-1.4
Coal	25.4	61.6	53.3	50.2	46.9	41.6	37.5	23.2	46.1	42.8	42.6	42.0	40.9	40.0	4.5	-2.0	-1.9	-2.0
Oil	50.6	18.0	19.7	16.4	14.2	11.6	9.5	46.3	13.5	15.8	13.9	12.7	11.4	10.1	-5.0	-0.9	-3.6	-2.5
Natural gas	33.3	54.0	51.6	51.3	50.6	48.6	46.6	30.5	40.4	41.4	43.5	45.3	47.7	49.8	2.4	-0.5	-0.6	-0.6

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	41.9	45.5	45.9	46.2	46.7	47.0	47.4								0.4	0.2	0.2	0.2
Coal	39.5	42.5	42.5	42.7	43.0	43.2	43.7								0.4	0.1	0.1	0.1
Oil	42.1	46.5	46.4	46.4	46.2	46.2	46.2								0.5	0.0	0.0	0.0
Natural gas	43.2	48.5	49.1	49.6	50.3	50.4	50.7								0.6	0.2	0.1	0.2

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	291.7	315.8	297.6	277.7	258.2	236.0	215.6	100	100	100	100	100	100	100	0.4	-1.3	-1.7	-1.5
Coal	82.3	123.8	114.4	111.0	105.9	98.7	91.7	28.2	39.2	38.5	40.0	41.0	41.8	42.5	2.1	-1.1	-1.3	-1.2
Oil	181.3	137.1	124.2	109.2	96.1	83.7	72.9	62.1	43.4	41.7	39.3	37.2	35.5	33.8	-1.4	-2.3	-2.7	-2.5
Natural Gas	28.1	54.9	58.9	57.5	56.2	53.6	51.0	9.6	17.4	19.8	20.7	21.8	22.7	23.7	3.4	0.5	-0.8	-0.3

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	4,150.3	5,029.3	5,372.8	5,782.3	6,189.4	6,537.4	6,853.9	1.0	1.4	1.1	1.2
Population (millions of people)	123.9	127.2	125.5	122.8	119.3	115.2	110.7	0.1	-0.4	-0.7	-0.6
GDP per capita (thousands of 2000 USD/person)	33.5	39.5	42.8	47.1	51.9	56.7	61.9	0.8	1.8	1.8	1.8
Primary energy consumption per capita (toe/person)	3.52	3.88	3.77	3.75	3.72	3.65	3.61	0.5	-0.3	-0.2	-0.3
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	105	98	88	80	72	64	58	-0.3	-2.1	-2.0	-2.1
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	70	63	55	48	42	36	31	-0.6	-2.6	-2.8	-2.7
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.67	0.64	0.63	0.60	0.58	0.56	0.54	-0.2	-0.6	-0.7	-0.7
Automobile ownership volume (millions of vehicles)	56.49	75.36	74.17	72.57	70.80	68.84	66.69	1.5	-0.4	-0.6	-0.5
Automobile ownership volume per capita (vehicles per person)	0.46	0.59	0.59	0.59	0.59	0.60	0.60	1.3	0.0	0.1	0.1

KOREA [APS]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	92.4	247.3	267.9	292.2	314.6	328.1	334.2	100	100	100	100	100	100	100	5.0	1.7	0.9	1.2
Coal	25.6	73.4	72.4	74.2	75.8	76.7	73.5	27.7	29.7	27.0	25.4	24.1	23.4	22.0	5.4	0.1	-0.1	0.0
Oil	49.7	95.1	95.9	100.6	104.7	106.6	107.0	53.9	38.5	35.8	34.4	33.3	32.5	32.0	3.3	0.6	0.4	0.5
Natural gas	2.7	38.7	42.7	46.0	49.2	50.9	50.7	2.9	15.6	16.0	15.9	15.6	15.5	15.2	14.2	1.9	0.6	1.1
Nuclear	13.8	38.7	53.5	65.7	78.3	85.5	92.7	14.9	15.7	20.0	22.5	24.9	26.1	27.7	5.3	5.4	2.3	3.6
Hydro	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.1	0.1	0.1	0.1	0.1	0.1	-2.7	-2.0	0.0	-0.8
Geothermal	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	8.2	4.1	5.7
Others	0.0	1.0	3.1	4.7	6.4	8.0	10.0	0.0	0.4	1.1	1.6	2.0	2.4	3.0	25.9	16.9	5.1	9.6

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	64.9	157.4	170.7	185.4	198.3	206.3	210.6	100	100	100	100	100	100	100	4.5	1.7	0.9	1.2
Industry	19.3	44.8	49.7	54.5	59.2	61.8	62.7	29.7	28.4	28.4	29.1	29.4	29.8	29.7	4.3	2.0	0.9	1.4
Transportation	14.6	29.9	31.0	31.8	30.9	29.6	27.9	22.5	19.0	19.0	18.1	17.1	15.6	13.2	3.7	0.6	-0.9	-0.3
Others	24.3	44.4	47.7	50.3	52.7	54.4	55.7	37.5	28.2	28.2	27.9	27.1	26.6	26.4	3.1	1.3	0.7	0.9
Non-energy	6.7	38.4	42.3	48.9	55.5	60.5	64.4	10.4	24.4	24.4	24.8	26.4	28.0	30.6	9.1	2.5	1.9	2.1

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	64.9	157.4	170.7	185.4	198.3	206.3	210.6	100	100	100	100	100	100	100	4.5	1.7	0.9	1.2
Coal	11.7	9.5	9.6	9.2	8.8	8.2	7.6	18.1	6.1	5.6	4.9	4.4	4.0	3.6	-1.0	-0.4	-1.3	-0.9
Oil	43.7	81.9	83.4	88.1	91.9	94.0	94.8	67.3	52.0	48.8	47.5	46.4	45.6	45.0	3.2	0.7	0.5	0.6
Natural gas	0.7	20.4	25.1	28.4	31.0	33.0	34.2	1.0	12.9	14.7	15.3	15.6	16.0	16.2	18.6	3.4	1.2	2.1
Electricity	8.1	38.6	44.0	49.9	55.7	59.4	61.9	12.5	24.5	25.8	26.9	28.1	28.8	29.4	8.1	2.6	1.4	1.9
Heat	0.0	4.3	5.3	5.9	6.4	6.7	6.8	0.0	2.8	3.1	3.2	3.2	3.2	3.2	-	3.1	1.0	1.8
Others	0.7	2.7	3.4	3.9	4.5	5.0	5.4	1.1	1.7	2.0	2.1	2.3	2.4	2.6	6.7	3.9	2.1	2.8

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	105.4	496.7	557.4	631.8	703.8	751.3	782.8	100	100	100	100	100	100	100	8.1	2.4	1.4	1.8
Coal	17.7	219.3	221.2	238.4	252.8	264.9	262.8	16.8	44.1	39.7	37.7	35.9	35.3	33.6	13.4	0.8	0.7	0.7
Oil	18.9	18.9	15.3	12.6	11.2	9.6	7.5	17.9	3.8	2.7	2.0	1.6	1.3	1.0	0.0	-4.0	-3.4	-3.6
Natural gas	9.6	103.2	100.1	103.6	103.8	102.7	96.1	9.1	20.8	17.9	16.4	14.7	13.7	12.3	12.6	0.0	-0.5	-0.3
Nuclear	52.9	148.6	205.3	252.0	300.4	328.0	355.6	50.2	29.9	36.8	39.9	42.7	43.7	45.4	5.3	5.4	2.3	3.6
Hydro	6.4	3.7	3.0	3.0	3.0	3.0	3.0	6.0	0.7	0.5	0.5	0.4	0.4	0.4	-2.7	-2.0	0.0	-0.8
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	3.0	12.5	22.1	32.6	43.0	57.7	0.0	0.6	2.2	3.5	4.6	5.7	7.4	49.3	21.9	6.6	12.5

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	12.5	74.8	72.3	74.5	76.2	77.0	72.6	100	100	100	100	100	100	100	9.4	0.0	-0.2	-0.1
Coal	6.0	52.3	51.2	53.4	55.4	56.9	54.3	47.7	69.8	70.8	71.7	72.7	73.9	74.8	11.5	0.2	0.1	0.2
Oil	4.5	4.7	3.8	3.1	2.8	2.4	1.9	36.0	6.3	5.3	4.2	3.7	3.1	2.6	0.2	-4.0	-3.4	-3.6
Natural gas	2.0	17.9	17.3	17.9	18.0	17.7	16.4	16.3	23.9	24.0	24.1	23.6	23.0	22.6	11.5	0.0	-0.6	-0.3

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	31.7	39.2	40.0	40.9	41.5	42.1	43.4								1.1	0.4	0.4	0.4
Coal	25.4	36.1	37.2	38.4	39.2	40.0	41.6								1.8	0.6	0.5	0.6
Oil	35.9	34.6	34.6	34.6	34.6	34.6	34.6								-0.2	0.0	0.0	0.0
Natural gas	40.6	49.7	49.7	49.7	49.7	49.8	50.3								1.0	0.0	0.1	0.1

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	65.3	151.5	150.2	153.2	154.4	154.0	147.4	100	100	100	100	100	100	100	4.3	0.1	-0.3	-0.1
Coal	27.6	78.9	77.7	79.7	81.4	82.4	78.9	42.2	52.1	51.7	52.0	52.7	53.5	53.5	5.4	0.1	-0.1	0.0
Oil	36.0	47.8	45.1	43.6	41.5	39.0	36.0	55.1	31.6	30.0	28.5	26.9	25.3	24.4	1.4	-0.9	-1.3	-1.1
Natural Gas	1.7	24.8	27.4	29.8	31.5	32.6	32.5	2.7	16.4	18.2	19.5	20.4	21.2	22.1	14.2	1.9	0.6	1.1

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	295.6	801.3	980.0	1,188.9	1,393.6	1,565.1	1,724.3	5.1	4.0	2.5	3.1
Population (millions of people)	42.9	49.4	50.6	51.4	52.0	52.2	51.9	0.7	0.4	0.1	0.2
GDP per capita (thousands of 2000 USD/person)	6.9	16.2	19.4	23.1	26.8	30.0	33.2	4.4	3.6	2.4	2.9
Primary energy consumption per capita (toe/person)	2.15	5.00	5.29	5.68	6.05	6.28	6.44	4.3	1.3	0.8	1.0
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	312	309	273	246	226	210	194	-0.1	-2.3	-1.6	-1.8
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	221	189	153	129	111	98	85	-0.8	-3.8	-2.7	-3.1
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.71	0.61	0.56	0.52	0.49	0.47	0.44	-0.7	-1.5	-1.1	-1.3
Automobile ownership volume (millions of vehicles)	3.40	17.93	19.86	22.20	24.08	25.41	26.05	8.7	2.2	1.1	1.5
Automobile ownership volume per capita (vehicles per person)	0.08	0.36	0.39	0.43	0.46	0.49	0.50	7.9	1.8	1.0	1.3

LAO PDR [BAU]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.3	0.9	1.3	4.2	4.9	5.7	6.8	100	100	100	100	100	100	100	6.6	16.8	3.3	8.5
Coal	0.0	0.1	0.2	3.8	3.9	3.9	4.0	0.0	11.9	11.8	90.6	79.1	68.7	58.5	-	43.1	0.3	15.6
Oil	0.2	0.5	0.8	1.0	1.4	1.8	2.4	72.8	60.0	56.4	24.1	27.7	31.4	34.8	5.5	6.6	5.8	6.1
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.1	0.7	1.9	3.1	4.4	4.5	4.7	28.1	81.3	145.6	74.6	88.9	78.6	68.2	12.4	15.8	2.6	7.7
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	-0.5	-1.5	-3.8	-4.7	-4.5	-4.2	-1.0	-53.2	-113.8	-89.3	-95.7	-78.6	-61.5	30.3	23.0	0.7	9.1

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.2	0.9	1.2	1.7	2.3	3.2	4.2	100	100	100	100	100	100	100	8.3	7.3	6.2	6.6
Industry	0.0	0.2	0.3	0.4	0.5	0.7	0.9	1.3	20.3	20.3	22.0	22.4	22.4	21.9	24.0	8.4	6.0	6.9
Transportation	0.1	0.5	0.7	1.0	1.3	1.7	2.3	57.8	59.7	59.7	57.7	56.4	55.5	54.2	8.5	6.7	5.9	6.2
Others	0.1	0.2	0.2	0.4	0.5	0.7	1.0	40.8	19.7	19.7	20.0	21.0	21.9	23.8	4.4	8.0	7.1	7.4
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.2	0.2	0.1	-	3.3	2.9	3.1

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.2	0.9	1.2	1.7	2.3	3.2	4.2	100	100	100	100	100	100	100	7.6	7.3	6.2	6.6
Coal	0.0	0.1	0.2	0.2	0.3	0.3	0.4	0.0	12.4	12.7	12.2	11.3	10.2	8.9	-	7.1	4.0	5.2
Oil	0.2	0.5	0.8	1.0	1.4	1.8	2.4	92.8	62.9	60.7	59.0	57.8	56.9	56.2	5.5	6.6	5.8	6.1
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Electricity	0.0	0.2	0.3	0.5	0.7	1.0	1.5	7.2	24.6	26.6	28.8	30.9	32.9	34.9	14.4	9.0	7.5	8.1
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.8	8.4	22.5	51.3	65.4	67.1	68.8	100	100	100	100	100	100	100	12.4	19.8	2.0	8.8
Coal	0.0	0.0	0.0	14.7	14.7	14.7	14.7	0.0	0.0	0.0	28.7	22.5	21.9	21.4	-	-	0.0	-
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.8	8.4	22.5	36.6	50.7	52.4	54.1	100.0	100.0	100.0	71.3	77.5	78.1	78.6	12.4	15.8	2.6	7.7
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.0	0.0	0.0	3.6	3.6	3.6	3.6	-	-	-	100	100	100	100	-	-	0.0	-
Coal	0.0	0.0	0.0	3.6	3.6	3.6	3.6	-	-	-	100.0	100.0	100.0	100.0	-	-	0.0	-
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	0.0	0.0	0.0	0.0	-	-	-	-
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	0.0	0.0	0.0	0.0	-	-	-	-

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	-	-	-	35.0	35.0	35.0	35.0	-	-	-	-	-	-	-	-	-	0.0	-
Coal	-	-	-	35.0	35.0	35.0	35.0	-	-	-	-	-	-	-	-	-	0.0	-
Oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Natural gas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.2	0.6	0.8	5.3	5.6	6.0	6.6	100	100	100	100	100	100	100	5.3	25.1	1.5	10.3
Coal	0.0	0.1	0.2	4.4	4.5	4.5	4.6	0.0	20.7	21.7	83.9	79.9	75.2	69.9	-	43.8	0.3	15.8
Oil	0.2	0.4	0.6	0.8	1.1	1.5	2.0	100.0	79.3	78.3	16.1	20.1	24.8	30.1	4.1	6.6	5.8	6.1
Natural Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	0.9	3.4	4.9	6.8	9.6	13.4	18.9	6.9	7.1	7.0	7.0
Population (millions of people)	4.1	6.2	6.7	7.2	7.8	8.4	9.0	2.1	1.5	1.5	1.5
GDP per capita (thousands of 2000 USD/person)	0.2	0.6	0.7	0.9	1.2	1.6	2.1	4.8	5.5	5.4	5.5
Primary energy consumption per capita (toe/person)	0.06	0.14	0.20	0.59	0.63	0.68	0.76	4.4	15.1	1.7	6.9
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	279	260	274	618	512	427	362	-0.4	9.1	-3.5	1.3
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	222	163	164	769	584	448	348	-1.5	16.8	-5.1	3.1
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.80	0.63	0.60	1.24	1.14	1.05	0.96	-1.2	7.1	-1.7	1.7
Automobile ownership volume (millions of vehicles)	0.12	0.32	0.35	0.39	0.42	0.46	0.49	5.0	2.0	1.6	1.8
Automobile ownership volume per capita (vehicles per person)	0.03	0.05	0.05	0.05	0.05	0.05	0.05	2.8	0.5	0.1	0.3

LAO PDR [APS]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.3	0.9	1.2	4.1	4.7	5.4	6.4	100	100	100	100	100	100	100	6.6	16.3	3.1	8.2
Coal	0.0	0.1	0.1	3.8	3.9	3.9	4.0	0.0	11.9	11.7	93.9	82.5	72.1	61.8	-	43.0	0.3	15.6
Oil	0.2	0.5	0.7	0.9	1.2	1.6	2.1	72.8	60.0	56.2	22.7	26.3	30.0	33.5	5.5	5.5	5.8	5.7
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.1	0.7	1.9	3.1	4.4	4.5	4.7	28.1	81.3	160.3	77.7	93.4	83.2	72.7	12.4	15.8	2.6	7.7
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	-0.5	-1.5	-3.8	-4.8	-4.6	-4.4	-1.0	-53.2	-128.1	-94.3	-102.2	-85.2	-68.0	30.3	23.2	0.9	9.3

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.2	0.9	1.1	1.6	2.1	2.9	3.8	100	100	100	100	100	100	100	8.3	6.2	6.2	6.2
Industry	0.0	0.2	0.2	0.3	0.5	0.6	0.8	1.3	20.3	20.3	21.9	22.3	22.4	21.9	24.0	7.2	6.0	6.5
Transportation	0.1	0.5	0.6	0.9	1.2	1.6	2.1	57.8	59.7	59.7	57.6	56.3	55.4	54.2	8.5	5.6	5.9	5.8
Others	0.1	0.2	0.2	0.3	0.5	0.7	0.9	40.8	19.7	19.7	20.2	21.1	22.0	23.8	4.4	6.9	7.0	7.0
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.2	0.2	0.1	-	2.7	2.9	2.8

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.2	0.9	1.1	1.6	2.1	2.9	3.8	100	100	100	100	100	100	100	7.6	6.2	6.2	6.2
Coal	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.0	12.4	12.7	12.2	11.3	10.2	8.9	-	5.9	4.0	4.8
Oil	0.2	0.5	0.7	0.9	1.2	1.6	2.1	92.8	62.9	60.8	59.1	57.9	57.0	56.3	5.5	5.5	5.8	5.7
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Electricity	0.0	0.2	0.3	0.4	0.7	0.9	1.3	7.2	24.6	26.6	28.8	30.8	32.8	34.8	14.4	7.9	7.5	7.7
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.8	8.4	22.5	51.3	65.4	67.1	68.8	100	100	100	100	100	100	100	12.4	19.8	2.0	8.8
Coal	0.0	0.0	0.0	14.7	14.7	14.7	14.7	0.0	0.0	0.0	28.7	22.5	21.9	21.4	-	-	0.0	-
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.8	8.4	22.5	36.6	50.7	52.4	54.1	100.0	100.0	100.0	71.3	77.5	78.1	78.6	12.4	15.8	2.6	7.7
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.0	0.0	0.0	3.6	3.6	3.6	3.6	-	-	-	100	100	100	100	-	-	0.0	-
Coal	0.0	0.0	0.0	3.6	3.6	3.6	3.6	-	-	-	100.0	100.0	100.0	100.0	-	-	0.0	-
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	0.0	0.0	0.0	0.0	-	-	-	-
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	0.0	0.0	0.0	0.0	-	-	-	-

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	-	-	-	35.0	35.0	35.0	35.0	-	-	-	-	-	-	-	-	-	0.0	-
Coal	-	-	-	35.0	35.0	35.0	35.0	-	-	-	-	-	-	-	-	-	0.0	-
Oil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Natural gas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.2	0.6	0.7	5.1	5.5	5.8	6.3	100	100	100	100	100	100	100	5.3	24.8	1.4	10.2
Coal	0.0	0.1	0.2	4.4	4.4	4.5	4.6	0.0	20.7	21.6	85.2	81.3	76.9	71.8	-	43.7	0.2	15.8
Oil	0.2	0.4	0.6	0.8	1.0	1.4	1.8	100.0	79.3	78.4	14.8	18.7	23.1	28.2	4.1	5.5	5.8	5.7
Natural Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	0.9	3.4	4.9	6.8	9.6	13.4	18.9	6.9	7.1	7.0	7.0
Population (millions of people)	4.1	6.2	6.7	7.2	7.8	8.4	9.0	2.1	1.5	1.5	1.5
GDP per capita (thousands of 2000 USD/person)	0.2	0.6	0.7	0.9	1.2	1.6	2.1	4.8	5.5	5.4	5.5
Primary energy consumption per capita (toe/person)	0.06	0.14	0.18	0.56	0.60	0.65	0.71	4.4	14.6	1.6	6.6
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	279	260	249	593	487	403	339	-0.4	8.6	-3.6	1.1
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	222	163	148	753	570	435	336	-1.5	16.5	-5.2	2.9
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.80	0.63	0.59	1.27	1.17	1.08	0.99	-1.2	7.3	-1.7	1.8
Automobile ownership volume (millions of vehicles)	0.12	0.32	0.35	0.39	0.42	0.46	0.49	5.0	2.0	1.6	1.8
Automobile ownership volume per capita (vehicles per person)	0.03	0.05	0.05	0.05	0.05	0.05	0.05	2.8	0.5	0.1	0.3

MALAYSIA [BAU]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	19.5	69.2	75.5	93.0	111.3	134.1	160.6	100	100	100	100	100	100	100	6.5	3.0	3.7	3.4
Coal	1.4	14.6	16.8	20.8	24.6	30.1	37.3	7.0	21.1	22.3	22.4	22.1	22.4	23.2	12.6	3.6	4.0	3.8
Oil	11.4	26.0	36.8	45.1	53.3	62.7	73.4	58.2	37.6	48.7	48.5	47.9	46.8	45.7	4.2	5.7	3.3	4.2
Natural gas	6.1	28.1	20.3	25.5	31.8	39.7	48.2	31.4	40.5	26.9	27.4	28.6	29.6	30.0	7.9	-1.0	4.3	2.2
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.3	0.6	1.6	1.6	1.6	1.6	1.6	1.8	0.8	2.1	1.7	1.4	1.2	1.0	2.4	11.1	0.0	4.3
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.3	0.0	0.0	0.0	0.0	0.0	0.1	1.7	0.0	0.0	0.0	0.0	0.0	0.1	-100.0	-	-	-

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	12.7	41.6	57.9	72.2	87.3	104.7	125.0	100	100	100	100	100	100	100	6.1	5.7	3.7	4.5
Industry	5.6	13.0	18.3	23.1	28.3	34.2	41.3	43.7	31.3	31.3	31.6	32.0	32.4	33.0	4.4	5.9	3.9	4.7
Transportation	4.8	14.4	24.7	31.3	37.7	45.0	53.4	37.4	34.7	34.7	42.7	43.4	43.2	42.7	5.7	8.1	3.6	5.4
Others	1.6	8.0	9.2	11.8	14.7	18.0	21.6	12.8	19.3	19.3	15.9	16.3	16.8	17.3	8.3	3.9	4.1	4.0
Non-energy	0.8	6.1	5.7	6.0	6.6	7.5	8.7	6.1	14.7	14.7	9.8	8.3	7.6	7.0	10.9	-0.2	2.5	1.4

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	12.7	41.6	57.9	72.2	87.3	104.7	125.0	100	100	100	100	100	100	100	6.1	5.7	3.7	4.5
Coal	0.5	1.8	1.9	2.4	2.8	3.4	4.0	4.0	4.4	3.3	3.3	3.2	3.2	3.2	6.6	2.8	3.5	3.2
Oil	9.2	24.6	35.9	43.9	52.0	61.2	71.8	72.2	59.2	62.0	60.8	59.6	58.5	57.4	5.1	5.9	3.3	4.4
Natural gas	1.0	5.6	7.5	9.7	12.4	15.6	19.7	7.7	13.5	13.0	13.4	14.2	14.9	15.8	9.1	5.6	4.8	5.1
Electricity	1.7	9.5	12.4	15.9	19.8	24.1	29.1	13.5	22.9	21.4	22.0	22.7	23.0	23.3	9.0	5.2	4.1	4.6
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.3	0.0	0.2	0.3	0.3	0.4	0.4	2.6	0.0	0.3	0.4	0.3	0.4	0.3	-100.0	-	1.9	-

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	23.0	124.1	161.2	205.1	254.0	309.1	371.8	100	100	100	100	100	100	100	8.8	5.2	4.0	4.5
Coal	2.9	43.1	69.7	92.2	119.6	151.4	186.2	12.7	34.7	43.2	45.0	47.1	49.0	50.1	14.4	7.9	4.8	6.0
Oil	11.1	3.7	0.9	1.0	1.0	1.0	1.0	48.3	3.0	0.6	0.5	0.4	0.3	0.3	-5.3	-12.3	0.0	-5.1
Natural gas	5.0	70.8	71.9	93.2	114.7	138.0	165.9	21.7	57.1	44.6	45.4	45.2	44.6	44.6	14.2	2.8	3.9	3.5
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	4.0	6.5	18.4	18.4	18.4	18.4	18.4	17.3	5.2	11.4	9.0	7.2	6.0	4.9	2.5	11.0	0.0	4.3
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.2	0.1	0.1	0.1	0.1	-	-	0.0	-

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	5.0	26.8	29.5	38.0	46.9	56.6	67.3	100	100	100	100	100	100	100	8.7	3.6	3.9	3.8
Coal	0.8	10.6	16.9	22.0	27.8	33.8	40.0	16.2	39.6	57.3	57.9	59.3	59.7	59.4	13.7	7.6	4.1	5.5
Oil	3.0	1.0	0.2	0.2	0.2	0.2	0.2	59.5	3.7	0.7	0.5	0.4	0.4	0.3	-5.3	-14.9	0.0	-6.2
Natural gas	1.2	15.2	12.4	15.8	18.9	22.6	27.1	24.4	56.7	42.0	41.6	40.3	39.9	40.3	13.4	0.4	3.7	2.3

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	32.6	37.7	41.5	42.2	43.1	44.1	45.1								0.7	1.1	0.4	0.7
Coal	31.0	35.0	35.5	36.0	37.0	38.5	40.0								0.6	0.3	0.7	0.5
Oil	32.0	31.8	38.7	43.0	43.0	43.0	43.0								0.0	3.1	0.0	1.2
Natural gas	35.0	40.1	49.9	50.7	52.2	52.5	52.6								0.7	2.4	0.2	1.1

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	13.6	42.8	57.1	73.0	89.3	107.5	127.9	100	100	100	100	100	100	100	5.9	5.5	3.8	4.5
Coal	1.4	13.1	19.9	25.8	32.4	39.4	46.6	10.3	30.6	34.9	35.3	36.3	36.7	36.4	11.8	7.0	4.0	5.2
Oil	10.3	17.4	25.9	32.7	39.1	46.3	54.6	75.7	40.7	45.4	44.8	43.8	43.1	42.7	2.7	6.5	3.5	4.7
Natural Gas	1.9	12.3	11.3	14.5	17.8	21.8	26.7	14.0	28.7	19.8	19.9	19.9	20.3	20.9	9.8	1.7	4.2	3.1

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	47.2	147.3	183.6	226.6	269.1	319.6	375.9	5.9	4.4	3.4	3.8
Population (millions of people)	18.2	28.4	30.7	32.9	35.0	37.0	38.9	2.2	1.5	1.1	1.3
GDP per capita (thousands of 2000 USD/person)	2.6	5.2	6.0	6.9	7.7	8.6	9.7	3.5	2.9	2.3	2.5
Primary energy consumption per capita (toe/person)	1.07	2.44	2.46	2.83	3.18	3.62	4.13	4.2	1.5	2.6	2.1
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	413	470	411	410	414	420	427	0.7	-1.4	0.3	-0.4
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	288	291	311	322	332	336	340	0.0	1.0	0.4	0.6
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.70	0.62	0.76	0.78	0.80	0.80	0.80	-0.6	2.4	0.1	1.0
Automobile ownership volume (millions of vehicles)	-	-	-	-	-	-	-	-	-	-	-
Automobile ownership volume per capita (vehicles per person)	-	-	-	-	-	-	-	-	-	-	-

MALAYSIA [APS]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	19.5	69.2	69.3	82.7	97.3	114.0	131.7	100	100	100	100	100	100	100	6.5	1.8	3.2	2.6
Coal	1.4	14.6	16.2	17.6	19.3	22.9	27.2	7.0	21.1	23.4	21.3	19.8	20.1	20.7	12.6	1.9	2.9	2.5
Oil	11.4	26.0	30.1	36.0	42.1	49.0	56.6	58.2	37.6	43.4	43.5	43.3	43.0	43.0	4.2	3.3	3.1	3.2
Natural gas	6.1	28.1	20.0	25.0	29.4	34.5	40.1	31.4	40.5	28.9	30.2	30.2	30.3	30.4	7.9	-1.2	3.2	1.4
Nuclear	0.0	0.0	0.0	0.0	1.2	1.2	1.1	0.0	0.0	0.0	0.0	1.2	1.1	0.8	-	-	-	-
Hydro	0.3	0.6	1.6	1.7	1.7	1.8	1.8	1.8	0.8	2.3	2.1	1.7	1.6	1.4	2.4	11.8	0.4	4.8
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.3	0.0	1.4	2.4	3.6	4.6	4.9	1.7	0.0	2.0	2.9	3.7	4.0	3.7	-100.0	-	4.9	-

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	12.7	41.6	51.6	62.4	73.9	86.6	100.7	100	100	100	100	100	100	100	6.1	4.1	3.2	3.6
Industry	5.6	13.0	17.9	21.5	25.0	28.8	32.8	43.7	31.3	31.3	34.7	34.5	33.8	32.6	4.4	5.1	2.9	3.8
Transportation	4.8	14.4	18.9	23.6	28.6	34.2	40.7	37.4	34.7	34.7	36.6	37.8	38.7	40.4	5.7	5.0	3.7	4.2
Others	1.6	8.0	9.1	11.3	13.6	15.9	18.4	12.8	19.3	19.3	17.6	18.1	18.4	18.3	8.3	3.5	3.3	3.4
Non-energy	0.8	6.1	5.7	6.0	6.7	7.7	8.8	6.1	14.7	14.7	11.0	9.6	9.1	8.7	10.9	-0.2	2.6	1.5

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	12.7	41.6	51.6	62.4	73.9	86.6	100.7	100	100	100	100	100	100	100	6.1	4.1	3.2	3.6
Coal	0.5	1.8	1.9	2.2	2.5	2.9	3.2	4.0	4.4	3.7	3.5	3.4	3.3	3.2	6.6	1.9	2.5	2.3
Oil	9.2	24.6	29.1	34.8	40.6	47.3	54.8	72.2	59.2	56.4	55.8	54.9	54.6	54.4	5.1	3.5	3.1	3.3
Natural gas	1.0	5.6	7.5	9.4	11.6	14.2	17.2	7.7	13.5	14.5	15.1	15.7	16.4	17.1	9.1	5.3	4.1	4.6
Electricity	1.7	9.5	12.3	15.0	17.9	20.7	23.7	13.5	22.9	23.8	24.0	24.2	23.9	23.5	9.0	4.6	3.1	3.7
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.3	0.0	0.8	1.0	1.3	1.5	1.8	2.6	0.0	1.6	1.6	1.8	1.7	1.8	-100.0	-	4.0	-

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	23.0	124.1	160.8	196.5	233.2	270.7	308.8	100	100	100	100	100	100	100	8.8	4.7	3.1	3.7
Coal	2.9	43.1	67.2	82.8	99.7	117.2	139.5	12.7	34.7	41.8	42.1	42.8	43.3	45.2	14.4	6.7	3.5	4.8
Oil	11.1	3.7	0.9	1.0	1.0	1.0	1.0	48.3	3.0	0.6	0.5	0.4	0.4	0.3	-5.3	-12.3	0.0	-5.1
Natural gas	5.0	70.8	69.9	85.8	96.9	112.8	128.6	21.7	57.1	43.5	43.7	41.6	41.7	41.6	14.2	1.9	2.7	2.4
Nuclear	0.0	0.0	0.0	0.0	4.5	4.4	4.4	0.0	0.0	0.0	0.0	1.9	1.6	1.4	-	-	-	-
Hydro	4.0	6.5	18.9	19.4	19.9	20.4	20.4	17.3	5.2	11.8	9.9	8.5	7.5	6.6	2.5	11.6	0.3	4.7
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	3.9	7.5	11.2	14.9	14.9	0.0	0.0	2.4	3.8	4.8	5.5	4.8	-	-	4.7	-

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	5.0	26.8	27.9	33.0	35.0	40.8	47.5	100	100	100	100	100	100	100	8.7	2.1	2.5	2.3
Coal	0.8	10.6	15.6	18.2	18.7	22.0	26.2	16.2	39.6	55.9	55.2	53.4	53.9	55.2	13.7	5.6	2.5	3.7
Oil	3.0	1.0	0.2	0.2	0.2	0.2	0.2	59.5	3.7	0.7	0.6	0.6	0.5	0.4	-5.3	-14.9	0.0	-6.2
Natural gas	1.2	15.2	12.1	14.6	16.1	18.6	21.1	24.4	56.7	43.4	44.2	46.0	45.6	44.4	13.4	-0.4	2.5	1.3

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	32.6	37.7	42.5	44.2	48.6	48.7	48.7								0.7	1.6	0.7	1.0
Coal	31.0	35.0	37.0	39.1	45.9	45.8	45.8								0.6	1.1	1.1	1.1
Oil	32.0	31.8	38.7	43.0	43.0	43.0	43.0								0.0	3.1	0.0	1.2
Natural gas	35.0	40.1	49.7	50.5	51.8	52.2	52.4								0.7	2.4	0.2	1.1

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	13.6	42.8	50.4	60.9	68.5	80.3	94.2	100	100	100	100	100	100	100	5.9	3.6	3.0	3.2
Coal	1.4	13.1	18.5	21.6	22.5	26.3	31.1	10.3	30.6	36.7	35.5	32.8	32.8	33.0	11.8	5.1	2.5	3.5
Oil	10.3	17.4	20.9	25.8	30.6	35.8	41.8	75.7	40.7	41.5	42.4	44.7	44.6	44.4	2.7	4.0	3.3	3.6
Natural Gas	1.9	12.3	11.0	13.5	15.4	18.2	21.3	14.0	28.7	21.8	22.2	22.5	22.7	22.6	9.8	0.9	3.1	2.2

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	47.2	147.3	183.6	226.6	269.1	319.6	375.9	5.9	4.4	3.4	3.8
Population (millions of people)	18.2	28.4	30.7	32.9	35.0	37.0	38.9	2.2	1.5	1.1	1.3
GDP per capita (thousands of 2000 USD/person)	2.6	5.2	6.0	6.9	7.7	8.6	9.7	3.5	2.9	2.3	2.5
Primary energy consumption per capita (toe/person)	1.07	2.44	2.26	2.51	2.78	3.08	3.39	4.2	0.3	2.0	1.3
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	413	470	377	365	362	357	350	0.7	-2.5	-0.3	-1.2
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	288	291	275	269	255	251	251	0.0	-0.8	-0.5	-0.6
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.70	0.62	0.73	0.74	0.70	0.70	0.72	-0.6	1.8	-0.2	0.6
Automobile ownership volume (millions of vehicles)	-	-	-	-	-	-	-	-	-	-	-
Automobile ownership volume per capita (vehicles per person)	-	-	-	-	-	-	-	-	-	-	-

MYANMAR [BAU]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.7	6.0	7.8	10.1	13.6	17.8	23.9	100	100	100	100	100	100	100	6.7	5.3	5.9	5.7
Coal	0.1	0.4	0.5	1.0	2.1	2.2	2.4	4.0	6.8	7.0	10.3	15.3	12.1	9.9	9.5	9.7	5.6	7.2
Oil	0.7	1.8	2.6	3.6	5.1	7.2	10.1	44.0	29.2	33.1	35.7	37.6	40.3	42.4	4.5	7.5	7.1	7.2
Natural gas	0.8	1.4	2.0	2.8	3.5	5.4	8.0	45.8	23.4	26.4	27.6	26.1	30.3	33.6	3.1	7.1	7.3	7.2
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.1	0.4	0.6	0.6	0.7	0.8	0.9	6.2	7.3	7.5	6.2	4.9	4.4	3.9	7.5	3.6	2.8	3.1
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	2.0	2.0	2.1	2.2	2.3	2.4	0.0	33.3	26.0	20.3	16.1	12.9	10.1	-	0.2	1.1	0.7

Final energy demand Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.0	3.2	4.5	6.2	8.5	11.7	16.2	100	100	100	100	100	100	100	6.0	6.7	6.6	6.6
Industry	0.4	0.9	1.3	1.7	2.3	3.1	4.2	39.0	29.2	29.2	29.0	27.8	26.9	25.8	4.5	6.2	6.0	6.1
Transportation	0.4	1.7	2.4	3.3	4.7	6.6	9.2	44.0	51.5	51.5	52.1	53.7	55.0	57.1	6.9	7.1	7.0	7.1
Others	0.1	0.5	0.7	1.0	1.4	1.9	2.6	7.8	16.0	16.0	16.2	16.4	16.5	16.2	9.9	7.0	6.5	6.7
Non-energy	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9.2	3.3	3.3	2.7	2.1	1.6	0.9	0.7	2.0	0.8	1.3

Total	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.0	3.2	4.5	6.2	8.5	11.7	16.2	100	100	100	100	100	100	100	6.0	6.7	6.6	6.6
Coal	0.1	0.2	0.3	0.5	0.6	0.8	1.1	5.0	7.2	7.7	7.3	7.0	6.8	6.6	7.9	6.8	5.9	6.3
Oil	0.6	1.7	2.3	3.3	4.6	6.4	9.1	58.0	51.0	51.1	52.3	53.6	54.9	56.1	5.3	7.0	7.1	7.0
Natural gas	0.2	0.8	1.0	1.3	1.7	2.2	2.8	22.3	25.3	23.1	21.4	19.9	18.6	17.5	6.7	4.9	5.1	5.1
Electricity	0.1	0.5	0.8	1.2	1.7	2.3	3.2	14.7	16.5	18.1	19.0	19.5	19.7	19.8	6.6	8.2	6.9	7.4
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	2.5	7.5	11.4	16.4	23.2	32.2	44.6	100	100	100	100	100	100	100	5.7	8.1	6.9	7.4
Coal	0.0	0.7	0.7	2.2	5.5	5.1	4.8	1.6	8.9	6.5	13.5	24.0	15.9	10.9	15.1	12.7	5.4	8.2
Oil	0.3	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.4	0.0	0.0	0.0	0.0	0.0	-10.0	-100.0	-	-100.0
Natural gas	1.0	1.7	3.9	6.5	8.0	14.9	24.3	39.3	23.0	34.1	39.3	34.5	46.1	54.5	2.9	14.1	9.2	11.1
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	1.2	5.1	6.8	7.3	7.8	9.1	11.0	48.1	67.7	59.2	44.3	33.7	28.3	24.6	7.5	3.6	2.8	3.1
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.5	1.8	3.1	4.5	0.0	0.0	0.3	3.0	7.8	9.8	10.0	-	-	15.9	-

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.5	0.7	1.1	1.9	3.0	4.2	5.9	100	100	100	100	100	100	100	1.8	10.0	8.0	8.8
Coal	0.0	0.2	0.2	0.6	1.5	1.4	1.3	2.4	24.7	18.5	31.6	48.6	32.5	21.8	14.5	12.7	5.4	8.2
Oil	0.1	0.0	0.0	0.0	0.0	0.0	0.0	12.5	1.1	0.0	0.0	0.0	0.0	0.0	-9.9	-100.0	-	-100.0
Natural gas	0.4	0.5	0.9	1.3	1.6	2.8	4.6	85.1	74.2	81.5	68.4	51.4	67.5	78.2	1.1	9.1	9.0	9.0

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	21.7	28.9	37.5	39.8	38.2	40.9	42.2								1.5	3.3	0.4	1.5
Coal	28.7	32.2	32.2	32.2	32.2	32.2	32.2								0.6	0.0	0.0	0.0
Oil	36.4	35.5	-	-	-	-	-								-0.1	-	-	-
Natural gas	19.3	27.7	38.6	43.3	43.9	45.0	45.0								1.8	4.6	0.3	2.0

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.1	2.7	3.9	5.8	8.5	11.5	15.7	100	100	100	100	100	100	100	4.6	7.7	6.9	7.3
Coal	0.1	0.4	0.6	1.1	2.3	2.4	2.6	7.4	16.5	15.2	19.8	26.6	20.6	16.4	8.8	9.7	5.6	7.2
Oil	0.6	1.4	2.0	2.8	4.0	5.7	8.0	50.4	51.3	51.8	49.5	47.2	49.5	51.1	4.7	7.4	7.1	7.2
Natural Gas	0.5	0.9	1.3	1.8	2.2	3.4	5.1	42.2	32.3	33.0	30.7	26.2	29.9	32.5	3.2	7.2	7.3	7.3

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	3.7	20.3						8.9	7.0	7.0	7.0
Population (millions of people)	39.3	48.0						1.0	1.0	1.0	1.0
GDP per capita (thousands of 2000 USD/person)	0.1	0.4						7.8	6.0	6.0	6.0
Primary energy consumption per capita (toe/person)	0.04	0.13						5.6	4.3	4.8	4.6
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	451	297						-2.1	-1.6	-1.1	-1.3
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	301	134						-4.0	0.7	-0.1	0.2
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.67	0.45						-1.9	2.3	1.0	1.5
Automobile ownership volume (millions of vehicles)	0.07	0.36						8.6	4.2	8.1	6.5
Automobile ownership volume per capita (vehicles per person)	0.00	0.01						7.5	3.2	7.1	5.5

MYANMAR [APS]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.7	6.0	7.6	9.9	12.6	16.0	21.3	100	100	100	100	100	100	100	6.7	5.1	5.3	5.2
Coal	0.1	0.4	0.5	1.1	1.9	1.8	2.1	4.0	6.9	7.0	10.9	15.0	11.3	9.7	9.5	10.0	4.4	6.6
Oil	0.7	1.8	2.5	3.5	4.8	6.7	9.4	44.0	29.2	32.9	35.0	38.2	41.7	44.1	4.5	7.0	6.9	6.9
Natural gas	0.8	1.4	2.0	2.7	2.9	4.1	6.0	45.8	23.4	26.3	27.2	23.1	25.9	28.3	3.1	6.7	5.5	6.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.1	0.4	0.6	0.6	0.7	0.8	1.0	6.2	7.3	7.3	6.0	5.3	5.2	4.9	7.5	3.0	3.8	3.5
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	2.0	2.0	2.1	2.3	2.6	2.8	0.0	33.2	26.4	20.9	18.4	16.0	13.1	-	0.3	2.1	1.3

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.0	3.2	4.4	5.9	8.0	10.8	14.9	100	100	100	100	100	100	100	6.0	6.2	6.3	6.3
Industry	0.4	0.9	1.3	1.6	2.1	2.8	3.8	39.0	29.2	29.2	28.9	27.7	26.7	25.6	4.5	5.7	5.8	5.7
Transportation	0.4	1.7	2.3	3.2	4.4	6.1	8.5	44.0	51.5	51.5	52.1	53.6	55.1	57.4	6.9	6.6	6.8	6.7
Others	0.1	0.5	0.7	1.0	1.3	1.8	2.4	7.8	16.0	16.0	16.2	16.5	16.5	16.0	9.9	6.5	6.1	6.3
Non-energy	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9.2	3.3	3.3	2.8	2.2	1.7	1.0	0.7	2.0	0.8	1.3

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.0	3.2	4.4	5.9	8.0	10.8	14.9	100	100	100	100	100	100	100	6.0	6.2	6.3	6.3
Coal	0.1	0.2	0.3	0.4	0.6	0.7	1.0	5.0	7.2	7.7	7.2	7.0	6.8	6.6	7.9	6.3	5.7	5.9
Oil	0.6	1.7	2.3	3.1	4.3	6.0	8.4	58.0	51.0	51.2	52.4	53.9	55.3	56.5	5.3	6.5	6.8	6.7
Natural gas	0.2	0.8	1.0	1.3	1.6	2.0	2.6	22.3	25.3	23.2	21.4	20.0	18.7	17.5	6.7	4.5	4.9	4.7
Electricity	0.1	0.5	0.8	1.1	1.5	2.1	2.9	14.7	16.5	18.0	18.9	19.2	19.3	19.3	6.6	7.7	6.5	7.0
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	2.5	7.5	11.1	15.6	21.4	29.0	40.1	100	100	100	100	100	100	100	5.7	7.5	6.5	6.9
Coal	0.0	0.7	0.7	2.4	5.0	4.0	4.0	1.6	8.9	6.6	15.5	23.3	13.9	10.0	15.1	13.7	3.4	7.4
Oil	0.3	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.4	0.0	0.0	0.0	0.0	0.0	-10.0	-100.0	-	-100.0
Natural gas	1.0	1.7	3.9	5.8	5.4	9.2	15.2	39.3	23.0	34.8	37.2	25.4	31.8	37.9	2.9	12.9	6.6	9.1
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	1.2	5.1	6.5	6.9	7.7	9.6	12.0	48.1	67.7	58.3	44.1	35.8	33.2	29.9	7.5	3.0	3.8	3.5
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.5	3.3	6.1	8.9	0.0	0.0	0.3	3.2	15.4	21.0	22.2	-	-	21.1	-

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	0.5	0.7	1.1	1.9	2.4	2.8	4.0	100	100	100	100	100	100	100	1.8	10.0	5.1	7.0
Coal	0.0	0.2	0.2	0.6	1.3	1.1	1.1	2.4	24.7	18.7	34.2	55.9	37.9	26.8	14.5	13.7	3.4	7.4
Oil	0.1	0.0	0.0	0.0	0.0	0.0	0.0	12.5	1.1	0.0	0.0	0.0	0.0	0.0	-9.9	-100.0	-	-100.0
Natural gas	0.4	0.5	0.9	1.2	1.0	1.8	2.9	85.1	74.2	81.3	65.8	44.1	62.1	73.2	1.1	8.7	5.9	7.0

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	21.7	28.9	37.5	37.6	37.7	40.2	41.6								1.5	2.7	0.7	1.5
Coal	28.7	32.2	32.2	32.2	32.2	32.2	32.2								0.6	0.0	0.0	0.0
Oil	36.4	35.5	-	-	-	-	-								-0.1	-	-	-
Natural gas	19.3	27.7	38.8	40.4	44.7	45.0	45.0								1.8	3.8	0.7	2.0

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.1	2.7	3.8	5.6	7.7	9.9	13.5	100	100	100	100	100	100	100	4.6	7.4	6.1	6.6
Coal	0.1	0.4	0.6	1.2	2.1	2.0	2.2	7.4	16.5	15.3	21.0	26.9	20.0	16.6	8.8	10.1	4.4	6.6
Oil	0.6	1.4	2.0	2.7	3.8	5.3	7.4	50.4	51.3	51.7	48.7	49.3	53.4	55.0	4.7	6.9	6.9	6.9
Natural Gas	0.5	0.9	1.3	1.7	1.8	2.6	3.8	42.2	32.3	33.0	30.3	23.8	26.6	28.4	3.2	6.8	5.6	6.1

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	3.7	20.3	28.5	40.0	56.0	78.6	110.2	8.9	7.0	7.0	7.0
Population (millions of people)	39.3	48.0	50.4	52.9	55.5	58.3	61.2	1.0	1.0	1.0	1.0
GDP per capita (thousands of 2000 USD/person)	0.1	0.4	0.6	0.8	1.0	1.3	1.8	7.8	6.0	6.0	6.0
Primary energy consumption per capita (toe/person)	0.04	0.13	0.15	0.19	0.23	0.27	0.35	5.6	4.0	4.2	4.2
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	451	297	268	247	224	203	193	-2.1	-1.8	-1.6	-1.7
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	301	134	134	140	137	125	122	-4.0	0.4	-0.9	-0.4
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.67	0.45	0.50	0.57	0.61	0.62	0.63	-1.9	2.3	0.8	1.4
Automobile ownership volume (millions of vehicles)	0.07	0.36	0.43	0.55	0.73	1.07	1.76	8.6	4.2	8.1	6.5
Automobile ownership volume per capita (vehicles per person)	0.00	0.01	0.01	0.01	0.01	0.02	0.03	7.5	3.2	7.1	5.5

NEW ZEALAND [BAU]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	12.9	18.2	18.7	19.7	20.8	21.9	23.1	100	100	100	100	100	100	100	1.7	0.8	1.0	1.0
Coal	1.2	1.3	1.2	1.1	1.0	0.9	0.9	9.2	7.2	6.4	5.7	4.8	4.2	4.0	0.5	-1.6	-1.3	-1.4
Oil	3.6	6.0	5.8	5.8	5.8	5.9	6.0	27.6	33.2	31.2	29.4	28.0	26.9	25.8	2.7	-0.4	0.2	-0.1
Natural gas	3.9	3.7	3.8	4.0	4.0	3.9	3.4	30.1	20.5	20.3	20.2	19.4	17.7	14.7	-0.2	0.7	-1.1	-0.4
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	2.0	2.1	2.2	2.2	2.2	2.3	2.3	15.5	11.7	11.5	11.1	10.7	10.3	9.9	0.3	0.3	0.3	0.3
Geothermal	1.5	3.6	4.2	4.9	5.8	6.8	8.0	11.5	20.0	22.3	25.0	27.8	31.0	34.5	4.6	3.1	3.2	3.2
Others	0.8	1.4	1.5	1.7	1.9	2.2	2.5	6.2	7.5	8.2	8.7	9.2	10.0	11.0	2.7	2.4	2.7	2.5

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	10.0	12.8	12.9	13.2	13.5	13.9	14.2	100	100	100	100	100	100	100	1.3	0.3	0.5	0.4
Industry	3.8	3.9	3.9	4.0	4.1	4.2	4.3	38.6	30.5	30.5	30.4	30.5	30.5	30.3	0.1	0.3	0.5	0.4
Transportation	3.0	4.6	4.5	4.5	4.6	4.6	4.7	29.7	36.1	36.1	35.3	34.5	33.9	32.8	2.2	-0.1	0.2	0.1
Others	2.5	3.4	3.5	3.7	3.9	4.1	4.2	25.5	26.3	26.3	27.1	27.8	28.6	29.8	1.4	0.9	1.0	0.9
Non-energy	0.6	0.9	0.9	0.9	1.0	1.0	1.0	6.2	7.1	7.1	7.1	7.1	7.1	7.1	2.0	0.3	0.5	0.4

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	10.0	12.8	12.9	13.2	13.5	13.9	14.2	100	100	100	100	100	100	100	1.3	0.3	0.5	0.4
Coal	0.9	0.6	0.6	0.7	0.7	0.7	0.7	9.3	4.7	4.8	5.0	5.0	5.0	5.0	-2.1	1.0	0.5	0.7
Oil	4.0	5.9	5.7	5.6	5.7	5.7	5.8	40.4	46.0	44.2	42.8	41.9	41.2	40.7	1.9	-0.4	0.2	-0.1
Natural gas	1.8	1.7	1.6	1.6	1.6	1.5	1.5	18.0	13.0	12.4	12.0	11.5	11.1	10.7	-0.4	-0.5	-0.2	-0.3
Electricity	2.4	3.4	3.6	3.9	4.2	4.4	4.6	24.3	26.5	28.0	29.5	30.7	31.7	32.6	1.7	1.4	1.2	1.3
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.8	1.3	1.4	1.4	1.5	1.5	1.6	7.9	9.8	10.6	10.8	10.9	11.0	11.1	2.3	1.2	0.7	0.9

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	32.2	44.8	47.4	51.0	54.5	57.9	60.8	100	100	100	100	100	100	100	1.7	1.3	1.2	1.2
Coal	0.7	2.1	1.5	1.0	0.5	0.0	0.0	2.1	4.6	3.3	2.0	0.9	0.0	0.0	5.8	-6.8	-100.0	-100.0
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.7	-100.0	-	-100.0
Natural gas	5.7	9.9	10.7	11.7	12.1	11.3	8.7	17.7	22.0	22.5	23.0	22.3	19.6	14.4	2.8	1.8	-2.0	-0.5
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	23.2	24.7	25.1	25.5	25.8	26.2	26.6	72.0	55.2	52.9	49.9	47.4	45.3	43.8	0.3	0.3	0.3	0.3
Geothermal	2.1	5.9	6.8	8.0	9.5	11.2	13.1	6.6	13.1	14.3	15.8	17.4	19.3	21.6	5.2	3.2	3.3	3.3
Others	0.5	2.2	3.3	4.7	6.6	9.2	12.3	1.6	5.0	7.0	9.3	12.0	15.8	20.3	7.8	7.7	6.6	7.0

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.4	2.2	2.3	2.3	2.3	2.0	1.5	100	100	100	100	100	100	100	2.3	0.4	-2.7	-1.5
Coal	0.2	0.5	0.4	0.2	0.1	0.0	0.0	11.9	22.1	16.3	10.5	5.2	0.0	0.0	5.5	-6.8	-100.0	-100.0
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	-100.0	-	-	-
Natural gas	1.2	1.7	1.9	2.1	2.2	2.0	1.5	87.7	77.9	83.7	89.5	94.8	100.0	100.0	1.7	1.8	-2.0	-0.5

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	38.8	45.8	46.5	47.2	47.9	48.5	48.5								0.8	0.3	0.2	0.2
Coal	33.9	36.0	36.0	36.0	36.0	-	-								0.3	0.0	-	-
Oil	11.3	-	-	-	-	-	-								-	-	-	-
Natural gas	39.6	48.5	48.5	48.5	48.5	48.5	48.5								1.0	0.0	0.0	0.0

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	6.3	8.2	8.0	7.9	7.9	7.7	7.4	100	100	100	100	100	100	100	1.3	-0.3	-0.4	-0.4
Coal	1.3	1.4	1.3	1.2	1.1	1.0	1.0	20.4	17.2	16.3	15.2	13.9	12.8	13.4	0.5	-1.6	-1.3	-1.4
Oil	2.7	4.8	4.6	4.5	4.6	4.6	4.6	43.1	58.0	57.5	57.2	58.0	59.9	62.6	2.9	-0.5	0.2	-0.1
Natural Gas	2.3	2.0	2.1	2.2	2.2	2.1	1.8	36.5	24.9	26.1	27.6	28.2	27.4	24.0	-0.6	0.7	-1.4	-0.5

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	40.1	68.3	77.3	88.7	97.9	108.1	116.5	2.7	2.6	1.8	2.2
Population (millions of people)	3.4	4.4	4.6	4.8	5.0	5.2	5.4	1.3	1.0	0.7	0.8
GDP per capita (thousands of 2000 USD/person)	11.8	15.6	16.8	18.4	19.5	20.8	21.7	1.4	1.6	1.1	1.3
Primary energy consumption per capita (toe/person)	3.79	4.17	4.07	4.09	4.13	4.20	4.30	0.5	-0.2	0.3	0.1
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	321	266	242	223	212	203	198	-0.9	-1.8	-0.8	-1.2
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	156	120	103	89	80	71	64	-1.3	-2.9	-2.2	-2.5
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.49	0.45	0.43	0.40	0.38	0.35	0.32	-0.4	-1.1	-1.5	-1.3
Automobile ownership volume (millions of vehicles)	1.8	3.1	3.0	3.3	3.6	3.8	4.0	2.8	0.7	1.2	1.0
Automobile ownership volume per capita (vehicles per person)	0.53	0.71	0.65	0.69	0.71	0.73	0.74	1.5	-0.3	0.5	0.2

NEW ZEALAND [APS]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	12.9	18.2	18.2	18.5	18.8	19.1	19.3	100	100	100	100	100	100	100	1.7	0.1	0.3	0.2
Coal	1.2	1.3	1.2	1.1	0.9	0.8	0.8	9.2	7.2	6.5	5.8	5.0	4.3	4.2	0.5	-1.9	-1.9	-1.9
Oil	3.6	6.0	5.7	5.5	5.3	5.1	4.9	27.6	33.2	31.4	30.0	28.2	26.8	25.7	2.7	-0.9	-0.7	-0.8
Natural gas	3.9	3.7	3.5	3.3	3.3	3.1	2.5	30.1	20.5	19.5	17.7	17.5	16.4	13.1	-0.2	-1.3	-1.7	-1.5
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	2.0	2.1	2.2	2.2	2.2	2.3	2.3	15.5	11.7	11.9	11.9	11.8	11.8	11.9	0.3	0.3	0.3	0.3
Geothermal	1.5	3.6	4.0	4.4	4.8	5.2	5.6	11.5	20.0	21.7	23.7	25.3	27.1	29.0	4.6	1.8	1.7	1.7
Others	0.8	1.4	1.6	2.0	2.3	2.6	3.1	6.2	7.5	8.9	11.0	12.1	13.6	16.1	2.7	4.1	2.9	3.4

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	10.0	12.8	12.6	12.7	12.7	12.8	12.8	100	100	100	100	100	100	100	1.3	-0.1	0.1	0.0
Industry	3.8	3.9	3.9	3.9	4.0	4.0	4.1	38.6	30.5	30.5	30.7	31.0	31.2	31.8	0.1	0.1	0.3	0.2
Transportation	3.0	4.6	4.5	4.4	4.3	4.1	4.0	29.7	36.1	36.1	35.4	34.6	33.5	31.3	2.2	-0.5	-0.6	-0.6
Others	2.5	3.4	3.4	3.5	3.6	3.7	3.8	25.5	26.3	26.3	26.8	27.3	28.2	29.8	1.4	0.3	0.6	0.5
Non-energy	0.6	0.9	0.9	0.9	0.9	0.9	0.9	6.2	7.1	7.1	7.1	7.1	7.1	7.1	2.0	-0.1	0.1	0.0

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	10.0	12.8	12.6	12.7	12.7	12.8	12.8	100	100	100	100	100	100	100	1.3	-0.1	0.1	0.0
Coal	0.9	0.6	0.6	0.6	0.6	0.6	0.6	9.3	4.7	4.8	4.9	4.8	4.8	4.7	-2.1	0.3	-0.2	0.0
Oil	4.0	5.9	5.6	5.4	5.2	5.0	4.8	40.4	46.0	44.0	42.3	40.5	38.8	37.3	1.9	-0.9	-0.8	-0.8
Natural gas	1.8	1.7	1.6	1.5	1.4	1.4	1.3	18.0	13.0	12.3	11.9	11.4	10.9	10.4	-0.4	-1.0	-0.8	-0.9
Electricity	2.4	3.4	3.5	3.8	4.0	4.3	4.5	24.3	26.5	28.1	29.8	31.7	33.5	35.2	1.7	1.1	1.2	1.2
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.8	1.3	1.4	1.4	1.5	1.5	1.6	7.9	9.8	10.8	11.2	11.6	11.9	12.4	2.3	1.2	0.7	0.9

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	32.2	44.8	46.6	49.7	53.0	56.3	59.2	100	100	100	100	100	100	100	1.7	1.0	1.2	1.1
Coal	0.7	2.1	1.5	1.0	0.5	0.0	0.0	2.1	4.6	3.3	2.1	0.9	0.0	0.0	5.8	-6.8	-100.0	-100.0
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.7	-100.0	-	-100.0
Natural gas	5.7	9.9	9.4	8.1	8.6	8.1	4.9	17.7	22.0	20.2	16.3	16.2	14.4	8.3	2.8	-1.9	-3.3	-2.7
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	23.2	24.7	25.1	25.5	25.8	26.2	26.6	72.0	55.2	53.8	51.3	48.7	46.6	45.0	0.3	0.3	0.3	0.3
Geothermal	2.1	5.9	6.4	7.1	7.7	8.4	9.0	6.6	13.1	13.7	14.2	14.5	14.9	15.2	5.2	1.8	1.6	1.7
Others	0.5	2.2	4.2	8.0	10.4	13.6	18.6	1.6	5.0	9.0	16.2	19.7	24.1	31.4	7.8	13.6	5.7	8.8

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.4	2.2	2.0	1.7	1.6	1.4	0.9	100	100	100	100	100	100	100	2.3	-2.8	-4.4	-3.8
Coal	0.2	0.5	0.4	0.2	0.1	0.0	0.0	11.9	22.1	18.1	14.5	7.3	0.0	0.0	5.5	-6.8	-100.0	-100.0
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	-100.0	-	-	-
Natural gas	1.2	1.7	1.7	1.4	1.5	1.4	0.9	87.7	77.9	81.9	85.5	92.7	100.0	100.0	1.7	-1.9	-3.4	-2.8

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	38.8	45.8	46.3	46.7	47.8	49.3	49.3								0.8	0.2	0.4	0.3
Coal	33.9	36.0	36.0	36.0	36.0	-	-								0.3	0.0	-	-
Oil	11.3	-	-	-	-	-	-								-	-	-	-
Natural gas	39.6	48.5	48.5	48.6	48.8	49.3	49.3								1.0	0.0	0.1	0.1

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	6.3	8.2	7.7	7.2	6.9	6.5	6.0	100	100	100	100	100	100	100	1.3	-1.3	-1.3	-1.3
Coal	1.3	1.4	1.3	1.2	1.0	0.9	0.9	20.4	17.2	16.6	16.0	14.7	13.6	14.6	0.5	-1.9	-1.9	-1.9
Oil	2.7	4.8	4.5	4.3	4.1	4.0	3.8	43.1	58.0	58.3	59.8	59.9	61.0	64.2	2.9	-0.9	-0.8	-0.9
Natural Gas	2.3	2.0	1.9	1.7	1.8	1.7	1.3	36.5	24.9	25.1	24.1	25.4	25.4	21.2	-0.6	-1.5	-2.1	-1.9

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	40.1	68.3	77.3	88.7	97.9	108.1	116.5	2.7	2.6	1.8	2.2
Population (millions of people)	3.4	4.4	4.6	4.8	5.0	5.2	5.4	1.3	1.0	0.7	0.8
GDP per capita (thousands of 2000 USD/person)	11.8	15.6	16.8	18.4	19.5	20.8	21.7	1.4	1.6	1.1	1.3
Primary energy consumption per capita (toe/person)	3.79	4.17	3.95	3.82	3.74	3.67	3.59	0.5	-0.9	-0.4	-0.6
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	321	266	235	208	192	177	165	-0.9	-2.4	-1.5	-1.9
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	156	120	99	82	71	60	51	-1.3	-3.8	-3.0	-3.3
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.49	0.45	0.42	0.39	0.37	0.34	0.31	-0.4	-1.4	-1.5	-1.5
Automobile ownership volume (millions of vehicles)	1.79	3.10	3.01	3.33	3.57	3.80	3.98	2.8	0.7	1.2	1.0
Automobile ownership volume per capita (vehicles per person)	0.53	0.71	0.65	0.69	0.71	0.73	0.74	1.5	-0.3	0.5	0.2

PHILIPPINES [BAU]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	18.4	34.9	42.7	50.1	58.5	67.8	78.7	100	100	100	100	100	100	100	3.2	3.7	3.1	3.3
Coal	1.4	7.8	12.3	16.8	22.1	27.4	33.8	7.8	22.3	28.7	33.6	37.8	40.5	43.0	8.8	8.0	4.8	6.1
Oil	10.8	13.4	14.7	16.5	18.8	21.6	24.9	58.9	38.5	34.5	33.0	32.1	31.8	31.7	1.1	2.1	2.8	2.5
Natural gas	0.0	2.8	2.1	2.9	3.4	4.2	5.0	0.0	8.1	5.0	5.7	5.9	6.2	6.4	-	0.2	3.8	2.3
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.5	0.7	0.7	0.7	0.7	0.7	0.7	2.8	1.9	1.7	1.4	1.2	1.1	0.9	1.3	0.6	0.0	0.3
Geothermal	4.7	8.5	10.6	10.6	10.6	10.6	10.6	25.5	24.5	24.8	21.1	18.1	15.6	13.5	3.0	2.2	0.0	0.9
Others	0.9	1.6	2.3	2.6	2.9	3.2	3.7	4.9	4.7	5.3	5.1	5.0	4.8	4.6	3.0	4.6	2.4	3.2

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	11.6	19.9	23.4	27.8	32.9	38.8	45.8	100	100	100	100	100	100	100	2.7	3.4	3.4	3.4
Industry	4.6	6.4	7.2	8.7	10.2	11.8	13.6	39.8	32.1	32.1	31.0	31.3	30.9	29.7	1.6	3.1	3.0	3.1
Transportation	4.5	8.0	9.4	10.9	12.8	15.1	18.0	38.8	40.4	40.4	40.4	39.1	38.7	39.3	2.9	3.1	3.4	3.3
Others	2.1	5.2	6.5	8.0	9.8	11.7	14.0	17.9	26.3	26.3	27.6	28.8	29.6	30.5	4.7	4.3	3.8	4.0
Non-energy	0.4	0.2	0.2	0.2	0.2	0.2	0.2	3.4	1.1	1.1	1.0	0.8	0.7	0.5	-2.9	0.6	-0.1	0.2

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	11.6	19.9	23.4	27.8	32.9	38.8	45.8	100	100	100	100	100	100	100	2.7	3.4	3.4	3.4
Coal	0.8	2.0	1.9	2.3	2.8	3.2	3.7	6.5	10.0	8.3	8.4	8.4	8.3	8.1	4.9	1.6	3.1	2.5
Oil	8.1	11.5	13.4	15.3	17.7	20.6	24.1	70.0	57.5	57.2	55.0	53.8	53.1	52.6	1.7	2.9	3.1	3.0
Natural gas	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.4	0.4	0.4	0.4	0.4	0.4	-	3.7	3.3	3.4
Electricity	1.8	4.8	6.1	7.9	9.8	12.0	14.5	15.7	23.9	26.0	28.2	29.7	30.8	31.8	4.9	5.1	4.2	4.6
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.9	1.7	1.9	2.2	2.6	2.9	3.3	7.8	8.3	8.2	8.0	7.8	7.5	7.2	3.1	3.1	2.7	2.8

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	26.3	67.7	84.6	106.8	130.5	156.0	185.9	100	100	100	100	100	100	100	4.8	4.7	3.8	4.1
Coal	1.9	23.3	43.6	61.2	81.8	102.5	127.3	7.3	34.4	51.5	57.3	62.6	65.7	68.5	13.3	10.1	5.0	7.0
Oil	12.4	7.1	4.8	4.3	3.6	3.0	2.5	47.2	10.5	5.7	4.0	2.8	1.9	1.3	-2.8	-5.0	-3.6	-4.2
Natural gas	0.0	19.5	14.5	19.6	23.5	28.8	34.5	0.0	28.8	17.2	18.4	18.0	18.4	18.5	-	0.1	3.8	2.3
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	6.1	7.8	8.3	8.3	8.3	8.3	8.3	23.0	11.5	9.8	7.8	6.4	5.3	4.5	1.3	0.6	0.0	0.3
Geothermal	5.5	9.9	12.3	12.3	12.3	12.3	12.3	20.8	14.7	14.5	11.5	9.4	7.9	6.6	3.0	2.2	0.0	0.9
Others	0.4	0.1	1.1	1.1	1.1	1.1	1.1	1.6	0.1	1.3	1.0	0.8	0.7	0.6	-7.5	28.1	0.0	10.4

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	2.7	9.7	13.4	18.1	23.4	28.9	35.5	100	100	100	100	100	100	100	6.6	6.4	4.6	5.3
Coal	0.5	5.5	10.3	14.5	19.3	24.2	30.1	18.9	56.6	77.2	79.8	82.7	83.8	84.9	12.7	10.1	5.0	7.0
Oil	2.2	1.5	1.0	0.9	0.7	0.6	0.5	81.1	15.2	7.5	4.9	3.2	2.2	1.4	-1.9	-5.0	-3.6	-4.2
Natural gas	0.0	2.7	2.0	2.8	3.3	4.1	4.9	0.0	28.2	15.3	15.2	14.1	14.0	13.7	-	0.1	3.8	2.3

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	45.9	44.1	40.5	40.4	40.0	39.9	39.8								-0.2	-0.9	-0.1	-0.4
Coal	32.7	36.4	36.4	36.4	36.4	36.4	36.4								0.5	0.0	0.0	0.0
Oil	49.0	41.3	41.3	41.3	41.3	41.3	41.3								-0.9	0.0	0.0	0.0
Natural gas	-	61.1	61.1	61.1	61.1	61.1	61.1								-	0.0	0.0	0.0

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	10.2	20.6	26.4	33.3	41.2	49.8	59.9	100	100	100	100	100	100	100	3.6	4.9	4.0	4.4
Coal	1.4	8.1	13.2	18.1	23.9	29.7	36.6	13.4	39.1	49.8	54.4	57.9	59.6	61.1	9.3	8.4	4.8	6.2
Oil	8.8	10.7	11.9	13.4	15.2	17.4	20.1	86.6	52.1	45.0	40.1	36.8	35.0	33.5	1.0	2.2	2.8	2.5
Natural Gas	0.0	1.8	1.4	1.8	2.2	2.7	3.2	0.0	8.8	5.2	5.5	5.3	5.4	5.4	-	0.2	3.8	2.3

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	61.1	129.0	174.9	245.3	313.8	401.4	513.6	3.8	6.6	5.1	5.7
Population (millions of people)	61.6	93.3	104.0	112.6	121.3	129.4	138.0	2.1	1.9	1.4	1.6
GDP per capita (thousands of 2000 USD/person)	1.0	1.4	1.7	2.2	2.6	3.1	3.7	1.7	4.6	3.6	4.0
Primary energy consumption per capita (toe/person)	0.30	0.37	0.41	0.44	0.48	0.52	0.57	1.1	1.8	1.7	1.7
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	301	270	244	204	186	169	153	-0.5	-2.8	-1.9	-2.2
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	166	159	151	136	131	124	117	-0.2	-1.6	-1.0	-1.2
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.55	0.59	0.62	0.67	0.70	0.73	0.76	0.3	1.2	0.9	1.0
Automobile ownership volume (millions of vehicles)	1.22	3.12	3.84	4.78	6.04	7.67	9.80	4.8	4.4	4.9	4.7
Automobile ownership volume per capita (vehicles per person)	0.02	0.03	0.04	0.04	0.05	0.06	0.07	2.7	2.4	3.5	3.1

PHILIPPINES [APS]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	18.4	34.9	40.0	47.2	56.5	66.4	76.5	100	100	100	100	100	100	100	3.2	3.1	3.3	3.2
Coal	1.4	7.8	11.9	14.6	17.8	21.1	26.3	7.8	22.3	29.7	30.8	31.5	31.8	34.4	8.8	6.5	4.0	5.0
Oil	10.8	13.4	12.8	14.3	15.5	17.4	20.2	58.9	38.5	32.1	30.2	27.5	26.3	26.4	1.1	0.6	2.3	1.6
Natural gas	0.0	2.8	1.7	2.7	3.2	4.2	4.6	0.0	8.1	4.1	5.8	5.7	6.4	6.0	-	-0.4	3.6	2.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.5	0.7	0.7	0.7	1.0	1.2	1.5	2.8	1.9	1.8	1.5	1.8	1.8	2.0	1.3	0.6	5.2	3.3
Geothermal	4.7	8.5	10.6	11.3	14.2	17.1	17.8	25.5	24.5	26.5	24.0	25.1	25.8	23.3	3.0	2.9	3.1	3.0
Others	0.9	1.6	2.3	3.6	4.7	5.2	6.0	4.9	4.7	5.8	7.7	8.4	7.9	7.8	3.0	8.2	3.4	5.3

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	11.6	19.9	21.7	25.7	30.3	35.6	42.0	100	100	100	100	100	100	100	2.7	2.6	3.3	3.0
Industry	4.6	6.4	6.9	8.2	9.6	11.0	12.7	39.8	32.1	32.1	31.7	32.0	31.7	30.3	1.6	2.5	3.0	2.8
Transportation	4.5	8.0	8.5	9.7	11.4	13.4	16.0	38.8	40.4	40.4	39.4	38.0	37.6	38.2	2.9	1.9	3.4	2.8
Others	2.1	5.2	6.0	7.5	9.1	10.9	13.0	17.9	26.3	26.3	27.8	29.1	30.0	30.9	4.7	3.6	3.8	3.7
Non-energy	0.4	0.2	0.2	0.2	0.2	0.2	0.2	3.4	1.1	1.1	1.1	0.9	0.8	0.6	-2.9	0.6	-0.1	0.2

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	11.6	19.9	21.7	25.7	30.3	35.6	42.0	100	100	100	100	100	100	100	2.7	2.6	3.3	3.0
Coal	0.8	2.0	1.8	2.1	2.5	2.9	3.3	6.5	10.0	8.1	8.3	8.2	8.2	8.0	4.9	0.7	3.1	2.1
Oil	8.1	11.5	12.3	13.0	14.4	16.4	19.3	70.0	57.5	56.6	50.6	47.5	46.1	45.9	1.7	1.3	2.7	2.1
Natural gas	0.0	0.1	0.1	0.5	0.7	1.1	1.1	0.0	0.4	0.7	2.1	2.4	3.1	2.7	-	-22.8	5.0	11.8
Electricity	1.8	4.8	5.5	7.1	8.9	10.8	13.2	15.7	23.9	25.4	27.7	29.3	30.4	31.3	4.9	4.1	4.2	4.2
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.9	1.7	2.0	2.9	3.8	4.4	5.1	7.8	8.3	9.2	11.3	12.7	12.2	12.1	3.1	5.8	3.8	4.6

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	26.3	67.7	76.6	96.6	118.0	141.1	168.2	100	100	100	100	100	100	100	4.8	3.6	3.8	3.7
Coal	1.9	23.3	42.8	52.6	64.7	77.0	97.2	7.3	34.4	55.9	54.5	54.8	54.5	57.8	13.3	8.5	4.2	5.9
Oil	12.4	7.1	1.3	4.7	3.9	3.4	2.8	47.2	10.5	1.6	4.9	3.3	2.4	1.7	-2.8	-4.1	-3.4	-3.6
Natural gas	0.0	19.5	10.7	15.4	17.9	22.2	24.8	0.0	28.8	14.0	16.0	15.2	15.7	14.7	-	-2.3	3.2	1.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	6.1	7.8	8.3	8.3	11.8	14.2	17.7	23.0	11.5	10.9	8.6	10.0	10.1	10.5	1.3	0.6	5.2	3.3
Geothermal	5.5	9.9	12.3	13.1	16.4	19.7	20.5	20.8	14.7	16.1	13.6	13.9	14.0	12.2	3.0	2.8	3.0	2.9
Others	0.4	0.1	1.1	2.4	3.2	4.6	5.2	1.6	0.1	1.5	2.5	2.8	3.3	3.1	-7.5	38.7	5.3	17.6

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	2.7	9.7	11.9	15.6	18.6	22.0	27.1	100	100	100	100	100	100	100	6.6	4.8	3.7	4.2
Coal	0.5	5.5	10.1	12.4	15.3	18.2	23.0	18.9	56.6	85.1	79.8	82.1	82.6	84.9	12.7	8.5	4.2	5.9
Oil	2.2	1.5	0.3	1.0	0.8	0.7	0.6	81.1	15.2	2.2	6.3	4.4	3.3	2.2	-1.9	-4.1	-3.4	-3.6
Natural gas	0.0	2.7	1.5	2.2	2.5	3.1	3.5	0.0	28.2	12.7	13.9	13.5	14.2	12.9	-	-2.3	3.2	1.0

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	45.9	44.1	39.6	40.1	39.9	40.0	39.7								-0.2	-0.9	-0.1	-0.4
Coal	32.7	36.4	36.4	36.4	36.4	36.4	36.4								0.5	0.0	0.0	0.0
Oil	49.0	41.3	41.3	41.3	41.3	41.3	41.3								-0.9	0.0	0.0	0.0
Natural gas	-	61.1	61.1	61.1	61.1	61.1	61.1								-	0.0	0.0	0.0

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	10.2	20.6	24.2	29.0	33.7	39.5	47.6	100	100	100	100	100	100	100	3.6	3.5	3.4	3.4
Coal	1.4	8.1	12.8	15.7	19.2	22.8	28.5	13.4	39.1	52.8	54.1	56.9	57.7	59.8	9.3	6.9	4.1	5.2
Oil	8.8	10.7	10.3	11.5	12.5	14.0	16.2	86.6	52.1	42.8	39.8	37.0	35.4	34.0	1.0	0.7	2.3	1.7
Natural Gas	0.0	1.8	1.1	1.7	2.1	2.7	3.0	0.0	8.8	4.4	6.0	6.2	6.9	6.2	-	-0.4	3.6	2.0

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	61.1	129.0	174.9	245.3	313.8	401.4	513.6	3.8	6.6	5.1	5.7
Population (millions of people)	61.6	93.3	104.0	112.6	121.3	129.4	138.0	2.1	1.9	1.4	1.6
GDP per capita (thousands of 2000 USD/person)	1.0	1.4	1.7	2.2	2.6	3.1	3.7	1.7	4.6	3.6	4.0
Primary energy consumption per capita (toe/person)	0.30	0.37	0.39	0.42	0.47	0.51	0.55	1.1	1.2	1.9	1.6
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	301	270	229	193	180	165	149	-0.5	-3.3	-1.7	-2.4
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	166	159	138	118	108	98	93	-0.2	-3.0	-1.6	-2.1
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.55	0.59	0.60	0.61	0.60	0.60	0.62	0.3	0.4	0.1	0.2
Automobile ownership volume (millions of vehicles)	1.22	3.12	3.84	4.78	6.04	7.67	9.80	4.8	4.4	4.9	4.7
Automobile ownership volume per capita (vehicles per person)	0.02	0.03	0.04	0.04	0.05	0.06	0.07	2.7	2.4	3.5	3.1

SINGAPORE [BAU]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	11.4	33.1	42.4	50.8	53.2	55.8	58.3	100	100	100	100	100	100	100	5.5	4.4	0.9	2.3
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	11.4	25.5	33.4	40.6	41.8	43.1	44.2	100.0	77.0	78.8	79.9	78.6	77.2	75.8	4.1	4.8	0.6	2.2
Natural gas	0.0	7.2	8.5	9.6	10.7	11.9	13.2	0.0	21.8	20.0	18.9	20.1	21.3	22.6	-	2.9	2.1	2.5
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.4	0.5	0.6	0.7	0.8	0.9	0.0	1.2	1.2	1.2	1.3	1.4	1.5	-	4.0	2.7	3.3
Final energy demand	MTOE							Share, %							AAGR(%)			
Sector	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	5.0	23.7	32.6	40.8	43.0	45.4	47.8	100	100	100	100	100	100	100	8.1	5.6	1.1	2.8
Industry	0.6	7.5	9.9	11.8	13.8	15.9	18.1	12.0	31.5	31.5	30.5	29.0	32.1	37.8	13.4	4.7	2.9	3.6
Transportation	1.4	2.8	3.0	3.1	3.2	3.4	3.5	28.0	11.9	11.9	9.2	7.7	7.5	7.3	3.6	1.0	0.7	0.8
Others	0.7	2.4	2.7	2.9	3.1	3.2	3.3	14.0	10.1	10.1	8.3	7.1	7.1	6.9	6.3	2.0	0.9	1.3
Non-energy	2.3	11.0	17.0	22.9	22.9	22.9	23.0	46.0	46.5	46.5	52.1	56.2	53.3	48.0	8.1	7.6	0.0	3.0
Total	5.0	23.7	32.6	40.8	43.0	45.4	47.8	100	100	100	100	100	100	100	8.1	5.6	1.1	2.8
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	3.8	19.1	27.1	34.4	35.7	37.0	38.2	76.0	80.8	83.3	84.4	82.9	81.4	79.9	8.4	6.0	0.7	2.8
Natural gas	0.1	0.9	1.4	1.9	2.6	3.4	4.4	2.0	3.9	4.1	4.7	6.0	7.5	9.1	11.8	7.5	5.7	6.4
Electricity	1.1	3.6	4.1	4.4	4.7	5.0	5.3	22.0	15.3	12.6	10.9	11.0	11.1	11.0	6.1	2.1	1.1	1.5
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Power generation Output	TWh							Share, %							AAGR(%)			
Output	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	15.7	45.4	51.2	55.6	59.4	61.9	65.8	100	100	100	100	100	100	100	5.5	2.1	1.1	1.5
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	15.7	8.5	8.4	8.6	8.6	8.4	8.2	100.0	18.7	16.4	15.4	14.4	13.6	12.4	-3.0	0.1	-0.3	-0.2
Natural gas	0.0	35.7	41.0	44.5	47.5	50.2	52.6	0.0	78.7	80.0	80.0	80.0	81.2	80.0	-	2.2	1.1	1.6
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	1.2	1.8	2.5	3.3	3.2	5.0	0.0	2.6	3.6	4.6	5.6	5.2	7.6	-	8.1	4.6	6.0
Power generation Input	MTOE							Share, %							AAGR(%)			
Input	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	4.4	8.5	9.2	9.8	10.2	10.5	10.7	100	100	100	100	100	100	100	3.3	1.4	0.6	1.0
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	4.4	2.2	2.1	2.1	2.0	2.0	1.9	100.0	26.1	22.9	21.5	20.1	18.7	17.5	-3.4	-0.5	-0.7	-0.7
Natural gas	0.0	6.3	7.1	7.7	8.1	8.5	8.9	0.0	73.9	77.1	78.5	79.9	81.3	82.5	-	2.1	1.0	1.4
Thermal Efficiency	%														AAGR(%)			
Efficiency	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	30.7	44.8	45.9	46.7	47.4	48.0	48.6	-	-	-	-	-	-	-	1.9	0.4	0.3	0.3
Coal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oil	30.7	32.9	34.1	35.1	36.0	36.8	37.4	-	-	-	-	-	-	-	0.4	0.6	0.4	0.5
Natural gas	-	49.0	49.4	49.8	50.2	50.6	51.0	-	-	-	-	-	-	-	-	0.2	0.2	0.2
CO₂ emissions	Mt-C							Share, %							AAGR(%)			
Emissions	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	7.7	17.0	20.5	23.3	25.1	26.9	28.7	100	100	100	100	100	100	100	4.1	3.2	1.4	2.1
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	6.9	12.4	15.1	17.2	18.2	19.3	20.2	89.1	72.9	73.5	73.7	72.6	71.6	70.5	3.0	3.3	1.1	2.0
Natural Gas	0.8	4.6	5.4	6.1	6.9	7.7	8.5	10.9	27.1	26.5	26.3	27.4	28.4	29.5	8.9	2.9	2.2	2.5
Energy and economic indicators															AAGR(%)			
Indicators	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	48.1	165.7	219.7	275.1	329.1	383.0	436.9	6.4	2.6	5.2	3.1	4.0	0.9	2.6	1.3	0.7	0.9	
Population (millions of people)	3.0	5.1	5.5	5.8	6.0	6.2	6.4	2.8	3.0	2.8	2.8	2.8	2.8	2.8	3.0	2.8	2.8	
GDP per capita (thousands of 2000 USD/person)	15.8	32.6	40.0	47.6	54.5	61.3	68.1	3.7	3.8	3.7	3.8	3.7	3.7	3.7	3.8	3.7	3.7	
Primary energy consumption per capita (toe/person)	3.74	6.52	7.73	8.79	9.82	10.94	12.09	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	237	200	193	185	162	146	133	-0.9	-0.8	-0.8	-0.9	-0.9	-0.9	-0.9	-0.8	-0.9	-0.9	
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	160	103	93	85	76	70	66	-2.2	-1.9	-1.7	-1.8	-1.8	-1.8	-2.2	-1.9	-1.7	-1.8	
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.68	0.52	0.48	0.46	0.47	0.48	0.49	-1.3	-1.1	-1.1	-1.1	-1.1	-1.1	-1.3	-1.1	-1.1	-1.1	
Automobile ownership volume (millions of vehicles)	0.43	0.80	0.86	0.91	0.95	0.98	1.01	3.2	1.3	0.7	0.9	0.9	0.9	3.2	1.3	0.7	0.9	
Automobile ownership volume per capita (vehicles per person)	0.14	0.16	0.16	0.16	0.16	0.16	0.16	0.6	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	

SINGAPORE [APS]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	11.4	33.1	42.0	50.1	52.1	54.2	56.5	100	100	100	100	100	100	100	5.5	4.2	0.8	2.2
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	11.4	25.5	33.2	40.3	41.4	42.4	43.4	100.0	77.0	79.1	80.5	79.4	78.3	76.9	4.1	4.7	0.5	2.2
Natural gas	0.0	7.2	8.3	9.2	10.1	11.0	12.2	0.0	21.8	19.7	18.3	19.3	20.3	21.6	-	2.5	1.9	2.1
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.4	0.5	0.6	0.7	0.7	0.8	0.0	1.2	1.2	1.2	1.3	1.4	1.5	-	3.7	2.4	2.9

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	5.0	23.7	32.5	40.5	42.5	44.6	46.8	100	100	100	100	100	100	100	8.1	5.5	1.0	2.8
Industry	0.6	7.5	9.8	11.6	13.4	15.2	17.1	12.0	31.5	31.5	30.3	28.7	31.4	36.6	13.4	4.5	2.6	3.4
Transportation	1.4	2.8	3.0	3.1	3.2	3.4	3.5	28.0	11.9	11.9	9.2	7.7	7.6	7.4	3.6	1.0	0.7	0.8
Others	0.7	2.4	2.7	2.9	3.0	3.1	3.2	14.0	10.1	10.1	8.2	7.1	7.0	6.8	6.3	1.8	0.8	1.2
Non-energy	2.3	11.0	17.0	22.9	22.9	22.9	23.0	46.0	46.5	46.5	52.2	56.6	53.9	49.1	8.1	7.6	0.0	3.0

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	5.0	23.7	32.5	40.5	42.5	44.6	46.8	100	100	100	100	100	100	100	8.1	5.5	1.0	2.8
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	3.8	19.1	27.1	34.2	35.4	36.5	37.6	76.0	80.8	83.4	84.6	83.2	81.8	80.3	8.4	6.0	0.6	2.7
Natural gas	0.1	0.9	1.3	1.9	2.5	3.3	4.1	2.0	3.9	4.1	4.6	5.9	7.3	8.9	11.8	7.2	5.4	6.1
Electricity	1.1	3.6	4.1	4.4	4.6	4.9	5.1	22.0	15.3	12.5	10.8	10.9	10.9	10.8	6.1	1.9	1.0	1.3
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	15.7	45.4	50.8	54.7	58.0	60.7	63.2	100	100	100	100	100	100	100	5.5	1.9	1.0	1.3
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	15.7	8.5	8.3	8.4	8.4	8.1	7.8	100.0	18.7	16.4	15.4	14.4	13.4	12.4	-3.0	-0.1	-0.5	-0.3
Natural gas	0.0	35.7	40.6	43.8	46.4	48.6	50.6	0.0	78.7	80.0	80.0	80.0	80.0	80.0	-	2.1	1.0	1.4
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Hydro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	1.2	1.8	2.5	3.2	4.0	4.8	0.0	2.6	3.6	4.6	5.6	6.6	7.6	-	7.9	4.4	5.8

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	4.4	8.5	9.0	9.3	9.4	9.5	9.8	100	100	100	100	100	100	100	3.3	0.9	0.3	0.6
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	4.4	2.2	2.1	2.0	1.9	1.8	1.7	100.0	26.1	22.8	21.4	20.0	18.8	17.8	-3.4	-1.1	-0.9	-1.0
Natural gas	0.0	6.3	7.0	7.3	7.6	7.7	8.0	0.0	73.9	77.2	78.6	80.0	81.2	82.2	-	1.6	0.6	1.0

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	30.7	44.8	46.7	48.3	49.8	51.2	51.3								1.9	0.8	0.4	0.5
Coal	-	-	-	-	-	-	-								-	-	-	-
Oil	30.7	32.9	34.8	36.5	38.0	39.2	38.7								0.4	1.0	0.4	0.7
Natural gas	-	49.0	50.3	51.5	52.8	54.0	54.0								-	0.5	0.3	0.4

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	7.7	17.0	20.3	22.8	24.3	25.8	27.4	100	100	100	100	100	100	100	4.1	3.0	1.2	1.9
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Oil	6.9	12.4	15.0	16.9	17.8	18.7	19.6	89.1	72.9	73.8	74.2	73.4	72.6	71.5	3.0	3.2	1.0	1.8
Natural Gas	0.8	4.6	5.3	5.9	6.5	7.1	7.8	10.9	27.1	26.2	25.8	26.6	27.4	28.5	8.9	2.5	1.9	2.1

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	48.1	165.7	219.7	275.1	329.1	383.0	436.9	6.4	5.2	3.1	4.0
Population (millions of people)	3.0	5.1	5.5	5.8	6.0	6.2	6.4	2.6	1.3	0.7	0.9
GDP per capita (thousands of 2000 USD/person)	15.8	32.6	40.0	47.6	54.5	61.3	68.1	3.7	3.8	2.4	3.0
Primary energy consumption per capita (toe/person)	3.74	6.52	7.66	8.67	8.64	8.67	8.81	2.8	2.9	0.1	1.2
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	237	200	191	182	158	141	129	-0.9	-0.9	-2.3	-1.7
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	160	103	92	83	74	67	63	-2.2	-2.1	-1.9	-2.0
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.68	0.52	0.48	0.46	0.47	0.48	0.49	-1.3	-1.2	0.4	-0.2
Automobile ownership volume (millions of vehicles)	0.43	0.80	0.86	0.91	0.95	0.98	1.01	3.2	1.3	0.7	0.9
Automobile ownership volume per capita (vehicles per person)	0.14	0.16	0.16	0.16	0.16	0.16	0.16	0.6	0.0	0.0	0.0

THAILAND [BAU]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	35.4	112.2	136.8	163.6	194.6	231.0	269.8	100	100	100	100	100	100	100	5.9	3.8	3.4	3.6
Coal	3.7	14.9	19.0	24.9	30.8	36.0	42.3	10.6	13.3	13.9	15.2	15.8	15.6	15.7	7.2	5.3	3.6	4.3
Oil	19.7	37.7	45.9	54.5	62.8	72.7	83.6	55.6	33.6	33.5	33.3	32.3	31.5	31.0	3.3	3.8	2.9	3.2
Natural gas	5.7	30.9	37.6	41.9	51.3	59.8	70.6	16.0	27.5	27.5	26.6	26.4	25.9	26.2	8.8	3.1	3.5	3.4
Nuclear	0.0	0.0	0.0	0.0	0.0	4.6	4.6	0.0	0.0	0.0	0.0	0.0	2.0	1.7	-	-	-	-
Hydro	1.1	0.3	0.3	0.3	0.3	0.3	0.3	3.1	0.2	0.2	0.2	0.2	0.1	0.1	-6.9	2.0	0.3	1.0
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	5.2	28.4	34.1	41.9	49.3	57.6	68.4	14.7	25.3	24.9	25.6	25.3	24.9	25.3	8.9	4.0	3.3	3.6

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	25.4	84.6	103.6	125.8	150.9	179.2	210.8	100	100	100	100	100	100	100	6.2	4.1	3.5	3.7
Industry	8.7	26.5	33.0	41.3	50.8	61.8	74.5	34.4	31.3	31.3	31.8	32.8	33.7	35.4	5.7	4.5	4.0	4.2
Transportation	11.4	19.5	23.1	26.3	29.6	32.7	35.6	45.0	23.0	23.0	22.3	20.9	19.6	16.9	2.7	3.0	2.0	2.4
Others	5.2	20.4	23.0	27.8	33.3	39.6	46.8	20.6	24.2	24.2	22.2	22.1	22.1	22.1	7.1	3.1	3.5	3.4
Non-energy	0.0	18.2	24.6	30.5	37.2	45.0	53.9	0.0	21.5	21.5	23.7	24.2	24.7	25.6	-	5.3	3.9	4.4

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	25.4	84.6	103.6	125.8	150.9	179.2	210.8	100	100	100	100	100	100	100	6.2	4.1	3.5	3.7
Coal	1.3	9.2	11.3	14.9	19.4	24.7	30.7	5.3	10.9	10.9	11.9	12.9	13.8	14.6	10.1	4.9	4.9	4.9
Oil	17.6	41.7	49.7	59.0	69.4	80.8	93.1	69.2	49.3	48.0	46.9	46.0	45.1	44.2	4.4	3.5	3.1	3.3
Natural gas	0.3	6.0	10.2	12.7	15.1	17.8	20.8	1.2	7.1	9.8	10.1	10.0	9.9	9.9	16.2	7.7	3.3	5.1
Electricity	3.3	12.8	14.8	18.0	21.9	26.3	31.3	12.9	15.2	14.2	14.3	14.5	14.7	14.8	7.0	3.4	3.7	3.6
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	2.9	14.8	17.7	21.2	25.2	29.7	34.9	11.4	17.5	17.0	16.8	16.7	16.6	16.6	8.5	3.6	3.4	3.5

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	44.2	147.0	180.4	210.9	257.5	309.6	355.0	100	100	100	100	100	100	100	6.2	3.7	3.5	3.6
Coal	11.1	25.0	32.6	44.3	52.9	53.3	54.8	25.0	17.0	18.1	21.0	20.6	17.2	15.4	4.2	5.9	1.4	3.2
Oil	10.4	0.8	4.8	6.4	2.7	2.0	2.6	23.5	0.5	2.7	3.0	1.1	0.6	0.7	-12.2	23.4	-5.9	4.9
Natural gas	17.8	116.6	130.5	141.1	177.9	207.8	245.5	40.2	79.3	72.4	66.9	69.1	67.1	69.2	9.9	1.9	3.8	3.0
Nuclear	0.0	0.0	0.0	0.0	0.0	17.5	17.5	0.0	0.0	0.0	0.0	0.0	5.7	4.9	-	-	-	-
Hydro	5.0	3.0	3.1	3.7	3.7	3.8	3.8	11.3	2.0	1.7	1.7	1.4	1.2	1.1	-2.5	2.0	0.3	1.0
Geothermal	0.0	0.0	1.0	2.0	3.0	4.0	5.0	0.0	0.0	0.6	0.9	1.2	1.3	1.4	-	-	6.3	-
Others	0.0	1.6	8.3	13.4	17.3	21.1	25.8	0.0	1.1	4.6	6.3	6.7	6.8	7.3	-	23.4	4.5	11.7

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	9.4	28.7	33.6	37.9	44.5	49.3	56.5	100	100	100	100	100	100	100	5.7	2.8	2.7	2.8
Coal	2.5	5.7	7.6	10.0	11.4	11.3	11.6	27.0	20.0	22.7	26.4	25.7	22.9	20.5	4.1	5.8	1.0	2.9
Oil	2.5	0.2	1.2	1.5	0.7	0.5	0.6	26.9	0.7	3.5	4.1	1.5	1.0	1.1	-12.2	23.4	-5.9	4.9
Natural gas	4.3	22.8	24.8	26.3	32.4	37.5	44.3	46.0	79.4	73.8	69.5	72.8	76.1	78.4	8.6	1.5	3.5	2.7

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	35.8	42.7	43.0	43.6	45.1	45.9	46.1								0.9	0.2	0.4	0.3
Coal	37.3	37.5	36.8	38.1	39.8	40.6	40.7								0.0	0.1	0.4	0.3
Oil	35.1	35.5	35.5	35.5	35.5	35.5	35.5								0.1	0.0	0.0	0.0
Natural gas	35.2	44.0	45.3	46.1	47.2	47.6	47.6								1.1	0.5	0.2	0.3

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	43.5	54.5	65.4	77.7	92.1	105.8	122.2	100	100	100	100	100	100	100	1.1	3.6	3.1	3.3
Coal	12.6	15.8	20.1	26.4	32.6	38.1	44.8	29.0	29.0	30.7	34.0	35.4	36.0	36.7	1.1	5.3	3.6	4.3
Oil	18.7	21.9	26.3	30.5	34.0	38.4	43.0	43.1	40.3	40.2	39.2	37.0	36.3	35.2	0.8	3.3	2.3	2.7
Natural Gas	12.1	16.7	19.0	20.9	25.4	29.3	34.4	27.9	30.7	29.1	26.8	27.6	27.7	28.2	1.6	2.2	3.4	2.9

Energy and economic indicators	Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	79.4	187.5	233.7	291.2	345.0	408.8	484.3	4.4	4.5	3.5	3.9
Population (millions of people)	57.1	69.1	70.3	71.5	72.7	73.9	75.2	1.0	0.3	0.3	0.3
GDP per capita (thousands of 2000 USD/person)	1.4	2.7	3.3	4.1	4.7	5.5	6.4	3.4	4.2	3.1	3.5
Primary energy consumption per capita (toe/person)	0.62	1.62	1.95	2.29	2.68	3.12	3.59	4.9	3.5	3.0	3.2
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	446	598	586	562	564	565	557	1.5	-0.6	-0.1	-0.3
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	548	291	280	267	267	259	252	-3.1	-0.8	-0.4	-0.6
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	1.23	0.49	0.48	0.48	0.47	0.46	0.45	-4.5	-0.2	-0.3	-0.3
Automobile ownership volume (millions of vehicles)	-	-	-	-	-	-	-	-	-	-	-
Automobile ownership volume per capita (vehicles per person)	-	-	-	-	-	-	-	-	-	-	-

THAILAND [APS]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	35.4	112.2	127.3	142.6	157.6	182.6	210.5	100	100	100	100	100	100	100	5.9	2.4	2.6	2.5
Coal	3.7	14.9	17.9	22.0	25.3	28.5	33.1	10.6	13.3	14.0	15.4	16.1	15.6	15.7	7.2	3.9	2.8	3.2
Oil	19.7	37.7	42.1	45.9	48.9	55.0	62.1	55.6	33.6	33.1	32.2	31.0	30.1	29.5	3.3	2.0	2.0	2.0
Natural gas	5.7	30.9	33.8	34.6	38.2	42.9	51.3	16.0	27.5	26.6	24.3	24.2	23.5	24.4	8.8	1.1	2.7	2.1
Nuclear	0.0	0.0	0.0	0.0	0.0	4.6	4.6	0.0	0.0	0.0	0.0	0.0	2.5	2.2	-	-	-	-
Hydro	1.1	0.3	0.3	0.3	0.3	0.3	0.3	3.1	0.2	0.2	0.2	0.2	0.2	0.2	-6.9	2.0	0.3	1.0
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	5.2	28.4	33.2	39.8	44.9	51.2	59.0	14.7	25.3	26.1	27.9	28.5	28.1	28.0	8.9	3.4	2.7	3.0

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	25.4	84.6	97.1	110.3	123.3	142.6	164.7	100	100	100	100	100	100	100	6.2	2.7	2.7	2.7
Industry	8.7	26.5	30.3	34.8	39.7	47.2	56.0	34.4	31.3	31.3	31.3	31.6	32.2	34.0	5.7	2.8	3.2	3.0
Transportation	11.4	19.5	22.2	24.6	25.7	27.3	28.6	45.0	23.0	23.0	22.9	22.4	20.8	17.4	2.7	2.4	1.0	1.6
Others	5.2	20.4	21.9	25.1	28.9	33.8	39.4	20.6	24.2	24.2	22.5	22.8	23.4	24.0	7.1	2.1	3.1	2.7
Non-energy	0.0	18.2	22.6	25.7	29.1	34.3	40.5	0.0	21.5	21.5	23.3	23.3	23.6	24.6	-	3.5	3.1	3.3

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	25.4	84.6	97.1	110.3	123.3	142.6	164.7	100	100	100	100	100	100	100	6.2	2.7	2.7	2.7
Coal	1.3	9.2	10.4	12.6	15.1	18.8	23.1	5.3	10.9	10.7	11.4	12.3	13.2	14.0	10.1	3.2	4.1	3.7
Oil	17.6	41.7	46.0	50.2	54.5	61.6	69.5	69.2	49.3	47.4	45.5	44.2	43.2	42.2	4.4	1.9	2.2	2.1
Natural gas	0.3	6.0	9.3	10.7	11.7	13.3	15.3	1.2	7.1	9.6	9.7	9.5	9.4	9.3	16.2	5.8	2.4	3.8
Electricity	3.3	12.8	13.7	15.4	17.4	20.6	24.2	12.9	15.2	14.1	14.0	14.1	14.4	14.7	7.0	1.8	3.1	2.6
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	2.9	14.8	17.6	21.5	24.5	28.3	32.5	11.4	17.5	18.1	19.5	19.9	19.8	19.7	8.5	3.8	2.8	3.2

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	44.2	147.0	170.4	191.4	221.6	262.8	306.4	100	100	100	100	100	100	100	6.2	2.7	3.2	3.0
Coal	11.1	25.0	32.0	42.4	48.4	47.3	49.2	25.0	17.0	18.8	22.1	21.8	18.0	16.0	4.2	5.4	1.0	2.7
Oil	10.4	0.8	3.2	3.6	0.9	0.6	1.3	23.5	0.5	1.9	1.9	0.4	0.2	0.4	-12.2	16.6	-6.7	2.0
Natural gas	17.8	116.6	122.8	126.4	148.3	168.4	203.8	40.2	79.3	72.1	66.0	66.9	64.1	66.5	9.9	0.8	3.2	2.3
Nuclear	0.0	0.0	0.0	0.0	0.0	17.5	17.5	0.0	0.0	0.0	0.0	0.0	6.7	5.7	-	-	-	-
Hydro	5.0	3.0	3.1	3.7	3.7	3.8	3.8	11.3	2.0	1.8	1.9	1.7	1.5	1.3	-2.5	2.0	0.3	1.0
Geothermal	0.0	0.0	1.0	2.0	3.0	4.0	5.0	0.0	0.0	0.6	1.0	1.4	1.5	1.6	-	-	6.3	-
Others	0.0	1.6	8.3	13.4	17.3	21.1	25.8	0.0	1.1	4.8	7.0	7.8	8.0	8.4	-	23.4	4.5	11.7

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	9.4	28.7	30.4	32.1	34.4	36.7	42.8	100	100	100	100	100	100	100	5.7	1.1	1.9	1.6
Coal	2.5	5.7	7.4	9.4	10.1	9.7	10.0	27.0	20.0	24.5	29.4	29.5	26.5	23.4	4.1	5.1	0.4	2.3
Oil	2.5	0.2	0.8	0.9	0.2	0.1	0.3	26.9	0.7	2.5	2.7	0.6	0.4	0.7	-12.2	16.6	-6.6	2.0
Natural gas	4.3	22.8	22.2	21.8	24.1	26.8	32.5	46.0	79.4	73.0	67.9	69.9	73.1	75.9	8.6	-0.4	2.7	1.4

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	35.8	42.7	44.7	46.2	49.3	50.7	51.1								0.9	0.8	0.7	0.7
Coal	37.3	37.5	37.0	38.7	41.0	42.0	42.2								0.0	0.3	0.6	0.5
Oil	35.1	35.5	35.5	35.5	35.5	35.6	35.5								0.1	0.0	0.0	0.0
Natural gas	35.2	44.0	47.6	49.9	53.0	54.0	54.0								1.1	1.3	0.5	0.8

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	43.5	54.5	60.2	66.3	72.4	80.3	92.0	100	100	100	100	100	100	100	1.1	2.0	2.2	2.1
Coal	12.6	15.8	18.9	23.3	26.8	30.2	35.1	29.0	29.0	31.4	35.1	37.0	37.6	38.1	1.1	3.9	2.8	3.2
Oil	18.7	21.9	24.2	25.7	26.6	29.1	31.8	43.1	40.3	40.2	38.8	36.8	36.2	34.6	0.8	1.6	1.4	1.5
Natural Gas	12.1	16.7	17.1	17.3	19.0	21.1	25.1	27.9	30.7	28.4	26.1	26.2	26.3	27.3	1.6	0.3	2.5	1.6

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	79.4	187.5	233.7	291.2	345.0	408.8	484.3	4.4	4.5	3.5	3.9
Population (millions of people)	57.1	69.1	70.3	71.5	72.7	73.9	75.2	1.0	0.3	0.3	0.3
GDP per capita (thousands of 2000 USD/person)	1.4	2.7	3.3	4.1	4.7	5.5	6.4	3.4	4.2	3.1	3.5
Primary energy consumption per capita (toe/person)	0.62	1.62	1.81	1.99	2.17	2.47	2.80	4.9	2.1	2.3	2.2
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	446	598	545	490	457	447	435	1.5	-2.0	-0.8	-1.3
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	548	291	258	228	210	197	190	-3.1	-2.4	-1.2	-1.7
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	1.23	0.49	0.47	0.47	0.46	0.44	0.44	-4.5	-0.4	-0.4	-0.4
Automobile ownership volume (millions of vehicles)	-	-	-	-	-	-	-	-	-	-	-
Automobile ownership volume per capita (vehicles per person)	-	-	-	-	-	-	-	-	-	-	-

VIETNAM [BAU]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	5.4	40.9	59.3	85.2	113.9	154.0	202.9	100	100	100	100	100	100	100	10.6	7.6	6.0	6.6
Coal	2.2	13.9	23.6	38.7	52.3	74.8	101.7	41.0	33.9	39.8	45.4	46.0	48.5	50.1	9.6	10.8	6.7	8.3
Oil	2.7	16.3	20.9	27.6	36.3	47.7	61.2	50.5	39.7	35.2	32.4	31.9	31.0	30.2	9.3	5.4	5.5	5.4
Natural gas	0.0	8.0	10.1	12.4	15.5	18.1	26.6	0.1	19.5	17.1	14.6	13.6	11.8	13.1	48.3	4.5	5.2	4.9
Nuclear	0.0	0.0	0.0	1.3	3.9	7.6	7.5	0.0	0.0	0.0	1.6	3.4	4.9	3.7	-	-	12.3	-
Hydro	0.5	2.4	3.8	4.2	4.6	4.5	4.4	8.5	5.8	6.4	4.9	4.0	2.9	2.2	8.5	5.9	0.3	2.5
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.4	0.9	1.0	1.2	1.4	1.6	0.0	1.0	1.5	1.2	1.1	0.9	0.8	-	9.7	2.9	5.6

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	4.2	32.0	45.4	62.3	81.5	106.7	139.1	100	100	100	100	100	100	100	10.7	6.9	5.5	6.1
Industry	1.7	14.7	20.7	28.6	37.0	47.9	62.0	41.4	46.0	46.0	45.6	45.8	45.4	44.5	11.2	6.9	5.3	5.9
Transportation	1.4	10.1	13.6	18.1	23.4	30.1	38.2	33.5	31.7	31.7	30.0	29.1	28.7	27.4	10.4	6.0	5.1	5.4
Others	1.1	7.2	11.1	15.6	21.2	28.7	39.0	25.1	22.3	22.3	24.4	25.1	26.0	28.0	10.0	8.1	6.3	7.0
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	4.2	32.0	45.4	62.3	81.5	106.7	139.1	100	100	100	100	100	100	100	10.7	6.9	5.5	6.1
Coal	1.3	9.7	12.6	16.7	20.9	26.3	32.8	31.5	30.3	27.8	26.8	25.7	24.6	23.5	10.4	5.6	4.6	5.0
Oil	2.4	14.4	19.5	26.2	34.3	45.0	58.6	55.9	44.8	43.0	42.1	42.1	42.2	42.1	9.5	6.2	5.5	5.8
Natural gas	0.0	0.5	0.8	1.3	1.9	2.7	3.8	0.0	1.5	1.9	2.0	2.3	2.5	2.7	-	10.0	7.6	8.6
Electricity	0.5	7.5	12.4	18.2	24.4	32.8	44.0	12.6	23.3	27.4	29.1	29.9	30.7	31.6	14.1	9.3	6.1	7.4
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	8.7	92.2	148.4	219.6	295.4	398.8	538.7	100	100	100	100	100	100	100	12.5	9.1	6.2	7.3
Coal	2.0	17.0	48.2	97.8	142.7	220.3	312.9	23.1	18.5	32.5	44.6	48.3	55.2	58.1	11.3	19.1	8.1	12.4
Oil	1.3	4.6	1.5	0.5	0.3	0.3	0.0	15.0	4.9	1.0	0.2	0.1	0.1	0.0	6.4	-19.5	-100.0	-100.0
Natural gas	0.0	43.1	54.6	67.1	83.7	96.6	145.5	0.1	46.7	36.8	30.5	28.3	24.2	27.0	55.9	4.5	5.3	5.0
Nuclear	0.0	0.0	0.0	5.1	15.0	29.2	28.7	0.0	0.0	0.0	2.3	5.1	7.3	5.3	-	-	12.3	-
Hydro	5.4	27.6	43.9	48.9	53.4	52.1	51.2	61.8	29.9	29.6	22.3	18.1	13.1	9.5	8.5	5.9	0.3	2.5
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.0	0.0	0.1	0.1	0.1	0.1	0.1	-	-	5.2	-

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.3	13.2	20.7	33.3	45.2	64.0	91.7	100	100	100	100	100	100	100	12.4	9.7	7.0	8.1
Coal	0.9	4.2	11.0	22.0	31.4	48.5	68.9	69.8	31.8	53.2	66.0	69.6	75.8	75.2	8.1	18.0	7.9	11.9
Oil	0.4	1.5	0.4	0.1	0.1	0.1	0.0	30.0	11.2	2.0	0.4	0.2	0.1	0.0	7.0	-21.0	-100.0	-100.0
Natural gas	0.0	7.5	9.3	11.2	13.6	15.4	22.8	0.2	57.0	44.8	33.5	30.2	24.1	24.8	47.9	4.0	4.9	4.5

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	22.4	42.2	43.3	42.8	43.2	42.6	43.0	-	-	-	-	-	-	-	3.2	0.1	0.0	0.1
Coal	19.4	35.0	37.6	38.3	39.0	39.0	39.0	-	-	-	-	-	-	-	3.0	0.9	0.1	0.4
Oil	29.4	26.4	31.9	31.9	31.2	31.2	-	-	-	-	-	-	-	-	-0.5	1.9	-	-
Natural gas	17.2	49.4	50.6	51.7	52.8	53.9	55.0	-	-	-	-	-	-	-	5.4	0.5	0.4	0.4

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	4.7	34.2	49.8	73.0	96.7	131.6	178.0	100	100	100	100	100	100	100	10.5	7.9	6.1	6.8
Coal	2.5	15.5	26.2	42.7	57.8	82.2	111.7	52.5	45.2	52.7	58.5	59.7	62.5	62.8	9.6	10.7	6.6	8.2
Oil	2.2	13.0	16.3	21.5	28.0	36.6	47.4	47.4	38.1	32.7	29.4	28.9	27.8	26.6	9.3	5.1	5.4	5.3
Natural Gas	0.0	5.7	7.2	8.9	11.0	12.8	18.9	0.0	16.7	14.5	12.1	11.4	9.7	10.6	49.2	4.5	5.2	4.9

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	15.0	62.8	88.0	123.4	174.8	247.7	344.2	7.4	7.0	7.1	7.0
Population (millions of people)	66.2	86.9	91.4	96.0	99.2	102.5	105.8	1.4	1.0	0.7	0.8
GDP per capita (thousands of 2000 USD/person)	0.2	0.7	1.0	1.3	1.8	2.4	3.3	6.0	5.9	6.4	6.2
Primary energy consumption per capita (toe/person)	0.08	0.47	0.65	0.89	1.15	1.50	1.92	9.1	6.5	5.3	5.8
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	361	651	674	690	652	622	589	3.0	0.6	-1.0	-0.4
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	312	545	565	592	553	531	517	2.8	0.8	-0.9	-0.2
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.86	0.84	0.84	0.86	0.85	0.85	0.88	-0.2	0.2	0.2	0.2
Automobile ownership volume (millions of vehicles)	-	-	-	-	-	-	-	-	-	-	-
Automobile ownership volume per capita (vehicles per person)	-	-	-	-	-	-	-	-	-	-	-

VIETNAM [APS]

Primary energy consumption	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	5.4	40.9	54.8	78.0	104.6	142.2	186.6	100	100	100	100	100	100	100	10.6	6.7	6.0	6.3
Coal	2.2	13.9	20.2	33.2	41.3	58.7	80.9	41.0	33.9	36.8	42.5	39.5	41.3	43.4	9.6	9.1	6.1	7.3
Oil	2.7	16.3	20.2	26.4	34.7	45.5	58.4	50.5	39.7	36.9	33.8	33.2	32.0	31.3	9.3	5.0	5.4	5.3
Natural gas	0.0	8.0	9.0	10.8	13.0	14.8	23.4	0.1	19.5	16.5	13.8	12.4	10.4	12.5	48.3	3.0	5.3	4.4
Nuclear	0.0	0.0	0.0	1.3	7.9	15.1	15.0	0.0	0.0	0.0	1.7	7.5	10.6	8.0	-	-	17.6	-
Hydro	0.5	2.4	3.9	4.4	4.9	4.8	4.9	8.5	5.8	7.2	5.6	4.7	3.4	2.6	8.5	6.4	0.7	2.9
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.4	1.4	2.0	2.9	3.3	4.0	0.0	1.0	2.6	2.6	2.7	2.3	2.2	-	17.7	4.6	9.7

Final energy demand	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	4.2	32.0	42.8	58.2	75.9	99.2	129.4	100	100	100	100	100	100	100	10.7	6.2	5.5	5.7
Industry	1.7	14.7	18.7	25.7	33.3	43.1	55.8	41.4	46.0	46.0	43.8	44.2	43.8	43.1	11.2	5.7	5.3	5.5
Transportation	1.4	10.1	13.5	18.0	23.1	29.7	37.6	33.5	31.7	31.7	31.6	30.8	30.4	29.0	10.4	5.9	5.0	5.4
Others	1.1	7.2	10.5	14.6	19.5	26.5	36.1	25.1	22.3	22.3	24.6	25.0	25.7	27.9	10.0	7.4	6.2	6.7
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-

Sector	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	4.2	32.0	42.8	58.2	75.9	99.2	129.4	100	100	100	100	100	100	100	10.7	6.2	5.5	5.7
Coal	1.3	9.7	11.4	14.8	18.5	23.2	29.0	31.5	30.3	26.6	25.5	24.4	23.4	22.4	10.4	4.3	4.6	4.5
Oil	2.4	14.4	18.9	25.1	32.7	42.8	55.8	55.9	44.8	44.1	43.1	43.1	43.2	43.1	9.5	5.7	5.5	5.6
Natural gas	0.0	0.5	0.8	1.2	1.7	2.5	3.5	0.0	1.5	1.8	2.0	2.3	2.5	2.7	-	9.0	7.6	8.2
Electricity	0.5	7.5	11.5	16.6	22.2	29.8	40.0	12.6	23.3	26.9	28.5	29.2	30.0	30.9	14.1	8.3	6.0	6.9
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	0.3	0.5	0.8	1.0	1.2	0.0	0.0	0.6	0.9	1.0	1.0	0.9	-	-	5.6	-

Power generation Output	TWh							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	8.7	92.2	136.7	200.2	267.3	361.1	487.9	100	100	100	100	100	100	100	12.5	8.1	6.1	6.9
Coal	2.0	17.0	38.6	81.6	103.5	161.3	235.7	23.1	18.5	28.3	40.8	38.7	44.7	48.3	11.3	17.0	7.3	11.1
Oil	1.3	4.6	1.5	0.3	0.3	0.0	0.0	15.0	4.9	1.1	0.2	0.1	0.0	0.0	6.4	-23.3	-100.0	-100.0
Natural gas	0.0	43.1	48.6	57.7	69.2	77.0	127.0	0.1	46.7	35.6	28.8	25.9	21.3	26.0	55.9	3.0	5.4	4.4
Nuclear	0.0	0.0	0.0	5.0	30.2	58.0	57.5	0.0	0.0	0.0	2.5	11.3	16.1	11.8	-	-	17.6	-
Hydro	5.4	27.6	45.5	51.1	57.4	56.3	57.0	61.8	29.9	33.3	25.5	21.5	15.6	11.7	8.5	6.4	0.7	3.0
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
Others	0.0	0.0	2.4	4.5	6.7	8.6	10.6	0.0	0.0	1.7	2.2	2.5	2.4	2.2	-	-	5.9	-

Power generation Input	MTOE							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	1.3	13.2	17.5	28.0	34.2	47.8	71.8	100	100	100	100	100	100	100	12.4	7.8	6.5	7.0
Coal	0.9	4.2	8.8	18.3	22.8	35.5	51.9	69.8	31.8	50.5	65.4	66.8	74.3	72.3	8.1	15.9	7.2	10.6
Oil	0.4	1.5	0.4	0.1	0.1	0.0	0.0	30.0	11.2	2.3	0.3	0.2	0.0	0.0	7.0	-24.4	-100.0	-100.0
Natural gas	0.0	7.5	8.3	9.6	11.3	12.3	19.9	0.2	57.0	47.2	34.3	33.0	25.7	27.7	47.9	2.5	5.0	4.0

Thermal Efficiency	%							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	22.4	42.2	43.6	42.9	43.6	42.9	43.5	-	-	-	-	-	-	-	3.2	0.2	0.1	0.1
Coal	19.4	35.0	37.6	38.3	39.0	39.0	39.0	-	-	-	-	-	-	-	3.0	0.9	0.1	0.4
Oil	29.4	26.4	31.9	30.6	31.2	-	-	-	-	-	-	-	-	-	-0.5	1.5	-	-
Natural gas	17.2	49.4	50.6	51.7	52.8	53.9	55.0	-	-	-	-	-	-	-	5.4	0.5	0.4	0.4

CO ₂ emissions	Mt-C							Share, %							AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
Total	4.7	34.2	44.7	64.8	81.6	109.9	150.9	100	100	100	100	100	100	100	10.5	6.6	5.8	6.1
Coal	2.5	15.5	22.4	36.6	45.7	64.7	89.2	52.5	45.2	50.2	56.5	56.0	58.9	59.1	9.6	9.0	6.1	7.3
Oil	2.2	13.0	15.8	20.5	26.6	34.7	45.2	47.4	38.1	35.3	31.6	32.7	31.6	29.9	9.3	4.6	5.4	5.1
Natural Gas	0.0	5.7	6.5	7.7	9.2	10.4	16.6	0.0	16.7	14.4	11.8	11.3	9.5	11.0	49.2	3.0	5.3	4.3

Energy and economic indicators								AAGR(%)			
	1990	2010	2015	2020	2025	2030	2035	1990-2010	2010-2020	2020-2035	2010-2035
GDP (billions of 2000 US dollars)	15.0	62.8	88.0	123.4	174.8	247.7	344.2	7.4	7.0	7.1	7.0
Population (millions of people)	66.2	86.9	91.4	96.0	99.2	102.5	105.8	1.4	1.0	0.7	0.8
GDP per capita (thousands of 2000 USD/person)	0.2	0.7	1.0	1.3	1.8	2.4	3.3	6.0	5.9	6.4	6.2
Primary energy consumption per capita (toe/person)	0.08	0.47	0.60	0.81	1.05	1.39	1.76	9.1	5.6	5.3	5.4
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	361	651	623	632	599	574	542	3.0	-0.3	-1.0	-0.7
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	312	545	508	525	467	444	438	2.8	-0.4	-1.2	-0.9
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.86	0.84	0.81	0.83	0.78	0.77	0.81	-0.2	-0.1	-0.2	-0.1
Automobile ownership volume (millions of vehicles)	-	-	-	-	-	-	-	-	-	-	-
Automobile ownership volume per capita (vehicles per person)	-	-	-	-	-	-	-	-	-	-	-