

ANNEX – Result Summary Tables

TOTAL EAST ASIA [BAU]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	1,648	3,147	3,827	5,227	7,326	100	100	100	100	100	4.4	4.0	3.2	3.4
Coal	783	1,572	1,905	2,380	3,297	47.5	49.9	49.8	45.5	45.0	4.8	3.9	2.3	3.3	3.0
Oil	609	1,034	1,204	1,616	2,254	37.0	32.8	31.5	30.9	30.8	3.6	3.1	3.0	3.4	3.2
Natural gas	122	292	357	604	1,012	7.4	9.3	9.3	11.6	13.8	6.0	4.1	5.4	5.3	5.1
Nuclear	68	136	167	289	339	4.1	4.3	4.4	5.5	4.6	4.7	4.2	5.6	1.6	3.7
Hydro	32	59	91	129	153	1.9	1.9	2.4	2.5	2.1	4.3	8.9	3.5	1.7	3.8
Geothermal	9	19	37	61	63	0.6	0.6	1.0	1.2	0.9	4.8	14.4	5.0	0.3	4.9
Others	25	35	65	148	208	1.5	1.1	1.7	2.8	2.8	2.4	13.3	8.5	3.5	7.4

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	1,130	1,946	2,384	3,281	4,575	100	100	100	100	100	3.7	4.1	3.2	3.4
Industry	537	923	1,156	1,481	1,886	47.5	47.4	48.5	45.1	41.2	3.7	4.6	2.5	2.4	2.9
Transportation	211	403	497	750	1,188	18.7	20.7	20.8	22.8	26.0	4.4	4.3	4.2	4.7	4.4
Others	326	496	589	865	1,264	28.8	25.5	24.7	26.4	27.6	2.8	3.5	3.9	3.9	3.8
Non-energy	56	125	142	185	238	5.0	6.4	5.9	5.6	5.2	5.5	2.6	2.7	2.5	2.6
by Energy															
Total	1,129	1,946	2,383	3,281	4,575	100	100	100	100	100	3.7	4.1	3.2	3.4	3.5
Coal	416	486	594	682	784	36.8	25.0	24.9	20.8	17.1	1.0	4.1	1.4	1.4	1.9
Oil	475	876	1,026	1,437	2,073	42.0	45.0	43.1	43.8	45.3	4.2	3.2	3.4	3.7	3.5
Natural gas	49	125	167	274	439	4.3	6.4	7.0	8.3	9.6	6.5	5.9	5.1	4.8	5.1
Electricity	157	384	500	744	1,092	13.9	19.8	21.0	22.7	23.9	6.2	5.4	4.1	3.9	4.3
Heat	13	46	62	91	120	1.2	2.3	2.6	2.8	2.6	8.5	6.3	4.0	2.8	4.0
Others	19	29	35	53	66	1.7	1.5	1.5	1.6	1.4	2.7	4.3	4.1	2.3	3.4

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	2,196	5,456	7,048	10,560	15,604	100	100	100	100	100	6.3	5.3	4.1	4.0
Coal	919	3,222	4,131	5,752	9,021	41.8	59.1	58.6	54.5	57.8	8.7	5.1	3.4	4.6	4.2
Oil	397	331	253	209	198	18.1	6.1	3.6	2.0	1.3	-1.2	-5.3	-1.9	-0.6	-2.0
Natural gas	236	641	838	1,649	2,819	10.8	11.7	11.9	15.6	18.1	6.9	5.5	7.0	5.5	6.1
Nuclear	261	522	642	1,107	1,300	11.9	9.6	9.1	10.5	8.3	4.7	4.2	5.6	1.6	3.7
Hydro	361	677	1,041	1,472	1,752	16.4	12.4	14.8	13.9	11.2	4.3	9.0	3.5	1.8	3.9
Geothermal	11	23	44	74	77	0.5	0.4	0.6	0.7	0.5	5.2	14.5	5.2	0.4	5.0
Others	12	40	96	286	427	0.5	0.7	1.4	2.7	2.7	8.5	19.4	11.5	4.1	10.0

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	406	1,089	1,257	1,785	2,863	100	100	100	100	100	6.8	2.9	3.6	4.8
Coal	258	870	1,026	1,405	2,242	63.4	79.9	81.6	78.7	78.3	8.5	3.3	3.2	4.8	3.9
Oil	98	76	57	47	43	24.0	7.0	4.5	2.6	1.5	-1.7	-5.5	-2.0	-0.8	-2.2
Natural gas	51	143	174	332	577	12.5	13.1	13.8	18.6	20.2	7.1	4.0	6.7	5.7	5.7

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	32.9	33.1	35.7	36.7	36.2						0.0	1.5	0.3	-0.1
Coal	30.7	31.8	34.6	35.2	34.6						0.2	1.7	0.2	-0.2	0.3
Oil	35.0	37.5	38.0	38.5	39.4						0.5	0.3	0.1	0.2	0.2
Natural gas	39.9	38.6	41.5	42.7	42.0						-0.2	1.5	0.3	-0.2	0.3

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	1,382	2,633	3,126	4,075	5,766						4.4	3.5	2.7	3.5

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	GDP (billions of 2000 US dollars)	5,795	9,463	11,441	17,101	25,006						3.3	3.9	4.1	3.9
Population (millions of people)	2,617	3,152	3,296	3,598	3,819						1.2	0.9	0.9	0.6	0.8
GDP per capita (thousands of 2000 USD/person)	2.2	3.0	3.5	4.8	6.5						2.0	2.9	3.2	3.3	3.2
Primary energy consumption per capita (toe/person)	0.6	1.0	1.2	1.5	1.9						3.1	3.1	2.3	2.8	2.6
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	284	333	334	306	293						1.1	0.1	-0.9	-0.4	-0.5
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	238	278	273	238	231						1.0	-0.4	-1.4	-0.3	-0.7
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.84	0.84	0.82	0.78	0.79						0.0	-0.5	-0.5	0.1	-0.2

TOTAL EAST ASIA [APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	1,648	3,147	3,647	4,588	5,866	100	100	100	100	100	4.4	3.0	2.3	2.5
Coal	783	1,572	1,763	1,880	2,141	47.5	49.9	48.3	41.0	36.5	4.8	2.3	0.6	1.3	1.2
Oil	609	1,034	1,167	1,438	1,793	37.0	32.8	32.0	31.3	30.6	3.6	2.5	2.1	2.2	2.2
Natural gas	122	292	344	544	897	7.4	9.3	9.4	11.9	15.3	6.0	3.3	4.7	5.1	4.6
Nuclear	68	136	171	339	500	4.1	4.3	4.7	7.4	8.5	4.7	4.7	7.1	3.9	5.3
Hydro	32	59	91	130	154	1.9	1.9	2.5	2.8	2.6	4.3	8.9	3.6	1.7	3.9
Geothermal	9	19	38	63	65	0.6	0.6	1.0	1.4	1.1	4.8	14.7	5.3	0.3	5.0
Others	25	35	73	193	316	1.5	1.1	2.0	4.2	5.4	2.4	15.8	10.2	5.0	9.2

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	1,130	1,946	2,302	2,935	3,758	100	100	100	100	100	3.7	3.4	2.5	2.5
Industry	537	923	1,116	1,338	1,580	47.5	47.4	48.5	45.6	42.0	3.7	3.9	1.8	1.7	2.2
Transportation	211	403	476	659	917	18.7	20.7	20.7	22.5	24.4	4.4	3.4	3.3	3.3	3.3
Others	326	496	569	754	1,026	28.8	25.5	24.7	25.7	27.3	2.8	2.8	2.9	3.1	3.0
Non-energy	56	125	141	184	236	5.0	6.4	6.1	6.3	6.3	5.5	2.5	2.7	2.5	2.6
by Energy															
Total	1,129	1,946	2,302	2,935	3,758	100	100	100	100	100	3.7	3.4	2.5	2.5	2.7
Coal	416	486	563	581	573	36.8	25.0	24.5	19.8	15.3	1.0	3.0	0.3	-0.1	0.7
Oil	475	876	988	1,264	1,625	42.0	45.0	42.9	43.1	43.2	4.2	2.4	2.5	2.5	2.5
Natural gas	49	125	166	259	409	4.3	6.4	7.2	8.8	10.9	6.5	5.8	4.6	4.6	4.8
Electricity	157	384	483	672	916	13.9	19.8	21.0	22.9	24.4	6.2	4.7	3.4	3.1	3.5
Heat	13	46	60	83	107	1.2	2.3	2.6	2.8	2.8	8.5	5.6	3.3	2.6	3.5
Others	19	29	42	76	128	1.7	1.5	1.8	2.6	3.4	2.7	8.0	6.0	5.4	6.2

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	2,197	5,456	6,801	9,449	12,993	100	100	100	100	100	6.3	4.5	3.3	3.2
Coal	919	3,222	3,890	4,591	5,935	41.8	59.1	57.2	48.6	45.7	8.7	3.8	1.7	2.6	2.5
Oil	397	331	256	175	146	18.1	6.1	3.8	1.8	1.1	-1.2	-5.0	-3.8	-1.7	-3.2
Natural gas	236	641	799	1,456	2,536	10.8	11.7	11.7	15.4	19.5	6.9	4.5	6.2	5.7	5.7
Nuclear	261	522	669	1,302	1,917	11.9	9.6	9.8	13.8	14.8	4.7	5.1	6.9	3.9	5.3
Hydro	361	677	1,037	1,474	1,757	16.4	12.4	15.2	15.6	13.5	4.3	8.9	3.6	1.8	3.9
Geothermal	11	23	45	76	79	0.5	0.4	0.7	0.8	0.6	5.2	14.7	5.5	0.4	5.2
Others	12	40	101	363	611	0.5	0.7	1.5	3.8	4.7	8.5	20.6	13.6	5.4	11.6

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	406	1,089	1,142	1,351	1,836	100	100	100	100	100	6.8	1.0	1.7	3.1
Coal	258	870	919	1,026	1,310	63.4	79.9	80.5	75.9	71.4	8.5	1.1	1.1	2.5	1.7
Oil	98	76	61	40	33	24.0	7.0	5.3	3.0	1.8	-1.7	-4.3	-4.2	-2.0	-3.3
Natural gas	51	143	162	285	493	12.5	13.1	14.2	21.1	26.9	7.1	2.5	5.8	5.6	5.1

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	32.9	33.1	37.2	39.6	40.4						0.0	2.4	0.6	0.2
Coal	30.7	31.8	36.4	38.5	39.0						0.2	2.7	0.6	0.1	0.8
Oil	35.0	37.5	36.2	37.7	38.5						0.5	-0.7	0.4	0.2	0.1
Natural gas	39.9	38.6	42.4	43.9	44.2						-0.2	1.9	0.3	0.1	0.5

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	1,382	2,633	2,936	3,357	4,062						4.4	2.2	1.3	1.9

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	GDP (billions of 2000 US dollars)	5,795	9,463	11,646	17,233	25,180						3.3	4.2	4.0	3.9
Population (millions of people)	2,617	3,152	3,295	3,598	3,819						1.2	0.9	0.9	0.6	0.8
GDP per capita (thousands of 2000 USD/person)	2.2	3.0	3.5	4.8	6.6						2.0	3.3	3.1	3.2	3.2
Primary energy consumption per capita (toe/person)	0.6	1.0	1.1	1.3	1.5						3.1	2.1	1.4	1.9	1.7
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	284	333	313	266	233						1.1	-1.2	-1.6	-1.3	-1.4
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	238	278	252	195	161						1.0	-2.0	-2.5	-1.9	-2.2
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.84	0.84	0.80	0.73	0.69						0.0	-0.8	-1.0	-0.5	-0.8

AUSTRALIA [BAU]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	87.5	122.0	134.6	159.7	181.1	100	100	100	100	100	2.2	2.0	1.7	1.3	1.6
Coal	35.0	54.3	55.3	62.4	65.8	40.0	44.5	41.1	39.1	36.3	3.0	0.4	1.2	0.5	0.8
Oil	32.5	37.9	41.3	50.9	59.3	37.1	31.1	30.7	31.9	32.7	1.0	1.7	2.1	1.5	1.8
Natural gas	14.8	23.0	29.4	36.3	43.5	16.9	18.9	21.9	22.8	24.0	3.0	5.0	2.1	1.8	2.6
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	1.2	1.3	1.4	1.4	1.6	1.4	1.1	1.0	0.9	0.9	0.7	0.3	0.2	1.2	0.6
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	4.0	5.4	7.2	8.6	10.9	4.6	4.4	5.4	5.4	6.0	1.9	6.0	1.8	2.4	2.9

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	58.1	76.5	86.4	105.1	121.1	100	100	100	100	100	1.9	2.5	2.0	1.4	1.9
Industry	21.5	26.1	30.3	35.9	40.6	37.1	34.2	35.0	34.2	33.5	1.3	3.0	1.7	1.2	1.8
Transportation	22.7	30.2	33.5	41.6	47.8	39.1	39.5	38.7	39.6	39.5	1.9	2.0	2.2	1.4	1.9
Others	12.3	18.1	20.6	25.4	30.3	21.2	23.7	23.9	24.2	25.0	2.6	2.6	2.1	1.8	2.1
Non-energy	1.6	2.0	2.1	2.2	2.4	2.7	2.6	2.4	2.1	2.0	1.6	0.7	0.7	0.7	0.7
by Energy															
Total	58.1	76.5	86.4	105.1	121.1	100	100	100	100	100	1.9	2.5	2.0	1.4	1.9
Coal	4.3	3.5	3.8	4.2	3.7	7.4	4.5	4.4	4.0	3.1	-1.4	2.0	0.8	-1.0	0.3
Oil	30.5	39.2	42.2	51.3	59.0	52.6	51.2	48.9	48.8	48.7	1.7	1.5	2.0	1.4	1.7
Natural gas	8.8	12.0	14.7	17.7	20.3	15.2	15.7	17.0	16.9	16.8	2.1	4.1	1.9	1.4	2.1
Electricity	11.1	17.8	20.8	26.3	31.7	19.1	23.2	24.1	25.0	26.2	3.2	3.2	2.4	1.9	2.3
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	3.3	4.1	4.8	5.6	6.3	5.7	5.4	5.6	5.3	5.2	1.4	3.3	1.4	1.3	1.8

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	154.3	250.9	289.6	365.5	440.7	100	100	100	100	100	3.3	2.9	2.4	1.9	2.3
Coal	119.0	201.1	218.0	272.8	317.7	77.1	80.1	75.3	74.6	72.1	3.6	1.6	2.3	1.5	1.8
Oil	4.2	1.9	1.1	1.2	1.4	2.7	0.8	0.4	0.3	0.3	-5.1	-11.3	1.1	1.6	-1.3
Natural gas	16.4	29.3	46.0	63.4	84.0	10.6	11.7	15.9	17.4	19.1	4.0	9.5	3.3	2.9	4.3
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	14.1	15.7	15.9	16.3	18.4	9.2	6.3	5.5	4.5	4.2	0.7	0.3	0.2	1.2	0.6
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.6	2.9	8.6	11.8	19.2	0.4	1.2	3.0	3.2	4.3	11.1	24.2	3.2	5.0	7.8

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	33.1	57.5	61.5	71.6	79.5	100	100	100	100	100	3.7	1.4	1.5	1.1	1.3
Coal	28.8	49.0	49.7	56.6	60.5	86.9	85.3	80.8	79.1	76.1	3.6	0.3	1.3	0.7	0.8
Oil	0.9	0.6	0.6	0.6	0.7	2.6	1.0	0.9	0.8	0.8	-2.8	-0.1	1.0	1.6	0.6
Natural gas	3.5	7.9	11.2	14.4	18.3	10.5	13.7	18.3	20.1	23.1	5.6	7.4	2.5	2.4	3.4

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	36.2	34.8	37.1	40.5	43.6						-0.3	1.3	0.9	0.7	0.9
Coal	35.5	35.3	37.7	41.4	45.2						0.0	1.4	0.9	0.9	1.0
Oil	41.5	29.1	31.3	35.7	40.0						-2.3	1.5	1.3	1.1	1.3
Natural gas	40.5	32.1	35.7	42.9	50.0						-1.6	2.2	1.9	1.5	1.8

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	72.9	103.4	111.4	131.5	146.6						2.4	1.5	1.7	1.1	1.4

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	280.6	468.4	543.0	715.7	898.4						3.5	3.0	2.8	2.3	2.6
Population (millions of people)	17.1	20.3	21.5	23.6	25.5						1.2	1.2	0.9	0.8	0.9
GDP per capita (thousands of 2000 USD/person)	16.4	23.0	25.2	30.3	35.3						2.3	1.8	1.9	1.5	1.7
Primary energy consumption per capita (toe/person)	5.1	6.0	6.2	6.8	7.1						1.0	0.8	0.8	0.5	0.7
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	312	260	248	223	202						-1.2	-1.0	-1.0	-1.0	-1.0
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	260	221	205	184	163						-1.1	-1.5	-1.1	-1.2	-1.2
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.83	0.85	0.83	0.82	0.81						0.1	-0.5	-0.1	-0.2	-0.2

AUSTRALIA [APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	87.5	122.0	132.0	139.2	140.0	100	100	100	100	100	2.2	1.6	0.5	0.1	0.6
Coal	35.0	54.3	54.3	49.2	37.6	40.0	44.5	41.2	35.4	26.9	3.0	0.0	-1.0	-2.6	-1.5
Oil	32.5	37.9	40.4	44.3	44.1	37.1	31.1	30.6	31.8	31.5	1.0	1.3	0.9	0.0	0.6
Natural gas	14.8	23.0	28.6	32.6	33.0	16.9	18.9	21.7	23.4	23.6	3.0	4.4	1.3	0.1	1.4
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	1.2	1.3	1.4	1.4	1.6	1.4	1.1	1.0	1.0	1.1	0.7	0.3	0.2	1.2	0.6
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	4.0	5.4	7.2	11.7	23.7	4.6	4.4	5.5	8.4	16.9	1.9	6.1	4.9	7.4	6.1

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	58.1	76.5	84.9	94.4	97.9	100	100	100	100	100	1.9	2.1	1.1	0.4	1.0
Industry	21.5	26.1	29.9	33.1	34.5	37.1	34.2	35.2	35.1	35.2	1.3	2.7	1.0	0.4	1.1
Transportation	22.7	30.2	32.9	37.1	38.8	39.1	39.5	38.7	39.3	39.7	1.9	1.7	1.2	0.5	1.0
Others	12.3	18.1	20.1	22.0	22.2	21.2	23.7	23.7	23.3	22.7	2.6	2.1	0.9	0.1	0.8
Non-energy	1.6	2.0	2.1	2.2	2.4	2.7	2.6	2.4	2.3	2.4	1.6	0.7	0.7	0.7	0.7
Total	58.1	76.5	84.9	94.4	97.9	100	100	100	100	100	1.9	2.1	1.1	0.4	1.0
Coal	4.3	3.5	3.7	3.6	2.9	7.4	4.5	4.4	3.8	3.0	-1.4	1.4	-0.4	-2.1	-0.7
Oil	30.5	39.2	41.4	44.7	43.9	52.6	51.2	48.8	47.4	44.9	1.7	1.1	0.8	-0.2	0.5
Natural gas	8.8	12.0	14.6	16.6	17.2	15.2	15.7	17.2	17.6	17.6	2.1	4.0	1.3	0.3	1.5
Electricity	11.1	17.8	20.3	22.8	23.5	19.1	23.2	24.0	24.1	24.0	3.2	2.8	1.1	0.3	1.1
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	3.3	4.1	4.8	6.7	10.3	5.7	5.4	5.7	7.1	10.5	1.4	3.3	3.2	4.5	3.8

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	154.3	250.9	283.0	316.8	326.8	100	100	100	100	100	3.3	2.4	1.1	0.3	1.1
Coal	119.0	201.1	214.3	226.3	196.9	77.1	80.1	75.7	71.4	60.3	3.6	1.3	0.5	-1.4	-0.1
Oil	4.2	1.9	1.0	1.0	1.0	2.7	0.8	0.4	0.3	0.3	-5.1	-11.8	0.2	-0.2	-2.5
Natural gas	16.4	29.3	43.1	54.1	55.4	10.6	11.7	15.2	17.1	17.0	4.0	8.0	2.3	0.2	2.6
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	14.1	15.7	15.9	16.3	18.4	9.2	6.3	5.6	5.1	5.6	0.7	0.3	0.2	1.2	0.6
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.6	2.9	8.6	19.1	55.0	0.4	1.2	3.0	6.0	16.8	11.1	24.2	8.3	11.2	12.5

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	33.1	57.5	59.9	56.3	44.6	100	100	100	100	100	3.7	0.8	-0.6	-2.3	-1.0
Coal	28.8	49.0	48.8	44.0	33.2	86.9	85.3	81.5	78.1	74.3	3.6	-0.1	-1.0	-2.8	-1.6
Oil	0.9	0.6	0.6	0.5	0.5	2.6	1.0	0.9	0.9	1.1	-2.8	-0.7	-0.8	-0.2	-0.6
Natural gas	3.5	7.9	10.5	11.8	11.0	10.5	13.7	17.6	21.0	24.6	5.6	6.0	1.2	-0.7	1.3

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	36.2	34.8	37.1	43.0	48.8						-0.3	1.3	1.5	1.3	1.4
Coal	35.5	35.3	37.7	44.3	51.0						0.0	1.4	1.6	1.4	1.5
Oil	41.5	29.1	31.3	35.7	40.0						-2.3	1.5	1.3	1.1	1.3
Natural gas	40.5	32.1	35.7	45.9	55.0						-1.6	2.2	2.5	1.8	2.2

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	72.9	103.4	109.1	109.3	96.7						2.4	1.1	0.0	-1.2	-0.3

Energy and economic indicators						AAGR(%)				
	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	280.6	468.4	543.0	715.7	898.4	3.5	3.0	2.8	2.3	2.6
Population (millions of people)	17.1	20.3	21.5	23.6	25.5	1.2	1.2	0.9	0.8	0.9
GDP per capita (thousands of 2000 USD/person)	16.4	23.0	25.2	30.3	35.3	2.3	1.8	1.9	1.5	1.7
Primary energy consumption per capita (toe/person)	5.1	6.0	6.1	5.9	5.5	1.0	0.4	-0.4	-0.7	-0.3
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	312	260	243	194	156	-1.2	-1.4	-2.2	-2.2	-2.0
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	260	221	201	153	108	-1.1	-1.9	-2.7	-3.4	-2.8
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.83	0.85	0.83	0.78	0.69	0.1	-0.5	-0.5	-1.3	-0.8

BRUNEI DARUSSALAM [BAU]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	1.8	2.4	2.6	3.6	4.9	100	100	100	100	100	2.0	1.7	3.1	3.2	2.9
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Oil	0.1	0.6	0.7	1.2	1.9	6.8	24.4	26.8	32.8	38.5	11.1	3.6	5.2	4.8	4.7
Natural gas	1.7	1.8	1.9	2.4	3.0	93.2	75.6	73.2	67.2	61.5	0.6	1.1	2.2	2.3	2.0
Nuclear	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	-	-	-	-	-
Geothermal	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	-	-	-	-	-

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.4	0.7	0.9	1.4	2.2	100	100	100	100	100	4.2	3.5	5.1	4.6	4.6
Industry	0.1	0.1	0.1	0.1	0.2	15.5	11.0	9.3	7.9	7.0	1.9	0.0	3.5	3.3	2.7
Transportation	0.2	0.4	0.5	0.8	1.3	58.4	56.2	56.8	57.4	57.8	3.9	3.7	5.2	4.6	4.7
Others	0.1	0.2	0.3	0.5	0.8	26.1	32.5	33.7	34.5	35.1	5.8	4.2	5.4	4.8	4.9
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.1	0.1	-	0.0	0.0	0.0	0.0
by Energy															
Total	0.4	0.7	0.9	1.4	2.2	100	100	100	100	100	4.2	3.5	5.1	4.6	4.6
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Oil	0.3	0.5	0.6	0.9	1.4	77.5	67.5	66.5	64.9	63.7	3.3	3.2	4.8	4.4	4.3
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Electricity	0.1	0.2	0.3	0.5	0.8	22.5	32.5	33.5	35.1	36.3	6.8	4.1	5.6	4.9	5.0
Heat	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	-	-	-	-	-

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	1.2	2.9	3.5	6.1	9.9	100	100	100	100	100	6.2	4.1	5.6	4.9	5.0
Coal	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	0.9	0.6	0.3	0.3	0.3	2.8	-9.6	5.7	4.9	2.1
Natural gas	1.2	2.9	3.5	6.1	9.9	99.1	99.4	99.7	99.7	99.7	6.3	4.1	5.6	4.9	5.0
Nuclear	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	-	-	-	-	-
Geothermal	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	-	-	-	-	-

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.5	1.0	1.1	1.5	2.1	100	100	100	100	100	5.1	1.9	3.7	3.3	3.2
Coal	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	0.6	0.4	0.2	0.3	0.3	2.0	-9.8	5.8	4.9	2.1
Natural gas	0.5	1.0	1.1	1.5	2.1	99.4	99.6	99.8	99.7	99.7	5.2	1.9	3.7	3.3	3.2

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	21.8	25.5	28.4	34.2	40.0						1.1	2.2	1.9	1.6	1.8
Coal											-	-	-	-	-
Oil	31.5	35.7	36.2	35.8	35.7						0.8	0.3	-0.1	0.0	0.0
Natural gas	21.8	25.5	28.4	34.2	40.0						1.1	2.2	1.9	1.6	1.8

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.9	1.4	1.5	2.2	3.1						2.8	2.0	3.5	3.5	3.2

Energy and economic indicators						AAGR(%)				
	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	3.8	4.8	6.2	10.0	15.5	1.6	5.2	4.8	4.5	4.8
Population (millions of people)	0.3	0.4	0.4	0.6	0.7	2.5	3.5	2.4	2.4	2.6
GDP per capita (thousands of 2000 USD/person)	14.6	12.9	14.0	17.7	21.7	-0.8	1.7	2.3	2.1	2.1
Primary energy consumption per capita (toe/person)	6.9	6.5	6.0	6.4	6.9	-0.4	-1.7	0.7	0.8	0.2
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	473	504	425	362	318	0.4	-3.4	-1.6	-1.3	-1.8
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	241	288	247	218	198	1.2	-3.1	-1.2	-1.0	-1.5
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.51	0.57	0.58	0.60	0.62	0.8	0.3	0.4	0.3	0.3

BRUNEI DARUSSALAM [APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	1.8	2.4	2.6	3.4	4.6	100	100	100	100	100	2.0	1.0	2.8	3.2	2.6
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Oil	0.1	0.6	0.7	1.1	1.8	6.8	24.4	26.5	32.9	39.0	11.1	2.6	5.0	4.9	4.5
Natural gas	1.7	1.8	1.9	2.3	2.8	93.2	75.6	73.5	67.1	61.0	0.6	0.5	1.8	2.2	1.7
Nuclear	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	-	-	-	-	-
Geothermal	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	-	-	-	-	-

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.4	0.7	0.8	1.3	2.0	100	100	100	100	100	4.2	2.5	4.7	4.6	4.2
Industry	0.1	0.1	0.1	0.1	0.1	15.5	11.0	9.2	7.8	6.8	1.9	-1.0	2.9	3.3	2.3
Transportation	0.2	0.4	0.5	0.7	1.2	58.4	56.2	57.1	58.1	58.6	3.9	2.9	4.9	4.7	4.4
Others	0.1	0.2	0.3	0.4	0.7	26.1	32.5	33.5	33.9	34.4	5.8	3.1	4.8	4.8	4.4
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.2	0.1	-	0.0	0.0	0.0	0.0
by Energy															
Total	0.4	0.7	0.8	1.3	2.0	100	100	100	100	100	4.2	2.5	4.7	4.6	4.2
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Oil	0.3	0.5	0.5	0.8	1.3	77.5	67.5	66.7	65.5	64.4	3.3	2.3	4.5	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	-	-	-	-	-
Electricity	0.1	0.2	0.3	0.4	0.7	22.5	32.5	33.3	34.5	35.6	6.8	3.0	5.1	4.9	4.6
Heat	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	-	-	-	-	-

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	1.2	2.9	3.4	5.5	8.9	100	100	100	100	100	6.2	3.0	5.0	4.9	4.6
Coal	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	0.9	0.6	0.3	0.3	0.3	2.8	-10.5	5.0	4.9	1.7
Natural gas	1.2	2.9	3.4	5.5	8.9	99.1	99.4	99.7	99.7	99.7	6.3	3.1	5.0	4.9	4.6
Nuclear	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	-	-	-	-	-
Geothermal	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	0.1	0.0	0.0	-	-	0.0	0.0	-

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.5	1.0	1.0	1.4	1.9	100	100	100	100	100	5.1	0.8	3.1	3.3	2.7
Coal	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	0.6	0.4	0.2	0.3	0.3	2.0	-10.1	5.0	5.1	1.8
Natural gas	0.5	1.0	1.0	1.4	1.9	99.4	99.6	99.8	99.7	99.7	5.2	0.9	3.1	3.3	2.7

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	21.8	25.5	28.4	34.2	40.0						1.1	2.2	1.9	1.6	1.8
Coal											-	-	-	-	-
Oil	31.5	35.7	34.8	35.1	34.6						0.8	-0.5	0.1	-0.1	-0.1
Natural gas	21.8	25.5	28.4	34.2	40.0						1.1	2.2	1.9	1.6	1.8

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.9	1.4	1.5	2.0	2.8						2.8	1.2	3.2	3.5	2.9

Energy and economic indicators						AAGR(%)				
	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	3.8	4.8	6.2	10.0	15.5	1.6	5.2	4.8	4.5	4.8
Population (millions of people)	0.3	0.4	0.4	0.6	0.7	2.5	3.5	2.4	2.4	2.6
GDP per capita (thousands of 2000 USD/person)	14.6	12.9	14.0	17.7	21.7	-0.8	1.7	2.3	2.1	2.1
Primary energy consumption per capita (toe/person)	6.9	6.5	5.8	6.0	6.4	-0.4	-2.4	0.4	0.7	0.0
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	473	504	411	339	297	0.4	-4.0	-1.9	-1.3	-2.1
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	241	288	237	203	184	1.2	-3.8	-1.6	-1.0	-1.8
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.51	0.57	0.58	0.60	0.62	0.8	0.2	0.4	0.3	0.3

CAMBODIA [BAU=APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1995	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.5	1.3	1.8	3.1	5.8	100	100	100	100	100	10.2	7.3	5.6	6.3	6.2
Coal	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	3.7	6.5	-	-	-	12.4	-
Oil	0.5	1.3	1.7	2.7	4.9	100.0	99.1	94.6	87.3	85.3	10.1	6.3	4.7	6.0	5.6
Natural gas	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	-	-	-	-	-
Hydro	0.0	0.0	0.1	0.3	0.5	0.0	0.3	2.9	8.8	8.1	-	69.1	18.0	5.5	21.3
Geothermal	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	0.6	2.5	0.2	0.1	-	43.5	-17.1	0.0	-0.3

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1995	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.4	1.0	1.6	3.0	5.4	100	100	100	100	100	10.2	9.6	6.7	6.1	7.0
Industry	0.0	0.1	0.1	0.2	0.4	0.9	5.1	5.9	6.8	7.6	30.7	12.6	8.2	7.4	8.7
Transportation	0.3	0.4	0.7	1.3	2.3	75.0	43.2	42.7	41.8	42.9	4.2	9.3	6.5	6.4	7.0
Others	0.1	0.5	0.8	1.5	2.7	24.0	51.7	51.5	51.5	49.5	18.9	9.5	6.7	5.7	6.9
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
by Energy															
Total	0.4	1.0	1.6	3.0	5.4	100	100	100	100	100	10.2	9.6	6.7	6.1	7.0
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Oil	0.4	0.9	1.4	2.7	4.9	97.5	93.6	92.0	90.7	89.7	9.7	9.2	6.6	6.0	6.9
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Electricity	0.0	0.1	0.1	0.3	0.6	2.5	6.4	8.0	9.3	10.3	21.3	14.6	8.2	7.3	9.1
Heat	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	-	-	-	-	-

Power generation	TWh					Share, %					AAGR(%)				
	1995	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.2	0.9	1.3	3.7	7.2	100	100	100	100	100	16.0	8.3	11.1	6.7	8.8
Coal	0.0	0.0	0.0	0.5	1.6	0.0	0.0	0.0	13.3	22.3	-	-	-	12.4	-
Oil	0.2	0.8	0.7	0.0	0.1	100.0	95.0	53.1	1.0	1.6	15.4	-3.6	-25.2	11.7	-7.6
Natural gas	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	-	-	-	-	-
Hydro	0.0	0.0	0.6	3.2	5.5	0.0	5.0	46.9	85.7	76.1	-	69.3	18.0	5.5	21.3
Geothermal	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	-	-	-	-	-

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1995	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.1	0.3	0.3	0.1	0.4	100	100	100	100	100	11.4	-3.6	-7.4	12.3	0.8
Coal	0.0	0.0	0.0	0.1	0.4	0.0	0.0	0.0	88.2	88.8	-	-	-	12.4	-
Oil	0.1	0.3	0.3	0.0	0.0	100.0	100.0	100.0	11.8	11.2	11.4	-3.6	-25.2	11.7	-7.6
Natural gas	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	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	14.7	21.0	21.0	35.1	35.2						3.6	0.0	5.3	0.0	2.1
Coal				37.0	37.0						-	-	-	0.0	-
Oil	14.7	21.0	21.0	21.0	21.0						3.6	0.0	0.0	0.0	0.0
Natural gas											-	-	-	-	-

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1995	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.4	1.0	1.4	2.3	4.3						10.4	6.2	5.2	6.5	5.9

Energy and economic indicators						Share, %					AAGR(%)				
	1995	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	2.6	5.7	9.3	18.4	35.2						5.5	10.4	7.0	6.7	7.6
Population (millions of people)	11.4	14.1	14.9	16.4	17.8						1.4	1.1	1.0	0.8	0.9
GDP per capita (thousands of 2000 USD/person)	0.2	0.4	0.6	1.1	2.0						4.0	9.2	5.9	5.9	6.5
Primary energy consumption per capita (toe/person)	0.0	0.1	0.1	0.2	0.3						5.2	6.2	4.5	5.4	5.2
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	188	225	195	171	164						1.2	-2.8	-1.3	-0.4	-1.2
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	150	182	149	126	124						1.3	-3.8	-1.7	-0.2	-1.5
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.79	0.81	0.77	0.74	0.75						0.1	-1.1	-0.4	0.2	-0.3

CHINA [BAU]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	662.8	1,493.6	1,961.8	2,520.9	3,075.2	100	100	100	100	100	5.6	5.6	2.5	2.0
Coal	528.5	1,087.6	1,374.9	1,575.9	1,723.0	79.7	72.8	70.1	62.5	56.0	4.9	4.8	1.4	0.9	1.9
Oil	110.4	318.4	429.1	571.4	695.8	16.7	21.3	21.9	22.7	22.6	7.3	6.2	2.9	2.0	3.2
Natural gas	12.8	40.1	61.7	146.0	357.8	1.9	2.7	3.1	5.8	11.6	7.9	9.0	9.0	9.4	9.1
Nuclear	0.0	13.8	21.0	65.8	91.3	0.0	0.9	1.1	2.6	3.0	-	8.7	12.1	3.3	7.8
Hydro	10.9	34.1	52.1	69.7	76.0	1.6	2.3	2.7	2.8	2.5	7.9	8.8	3.0	0.9	3.3
Geothermal	0.0	0.0	0.1	0.3	0.8	0.0	0.0	0.0	0.0	0.0	-	-	15.8	9.8	-
Others	0.2	-0.5	23.0	91.7	130.6	0.0	0.0	1.2	3.6	4.2	-208.4	-312.4	14.8	3.6	-224.6

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	462.5	890.3	1,162.9	1,516.7	1,861.9	100	100	100	100	100	4.5	5.5	2.7	2.1
Industry	258.8	517.8	675.2	787.7	843.0	56.0	58.2	58.1	51.9	45.3	4.7	5.5	1.6	0.7	2.0
Transportation	37.2	114.2	158.6	246.7	344.2	8.0	12.8	13.6	16.3	18.5	7.8	6.8	4.5	3.4	4.5
Others	142.1	208.4	274.6	419.3	604.2	30.7	23.4	23.6	27.6	32.4	2.6	5.7	4.3	3.7	4.3
Non-energy	24.5	49.9	54.5	63.0	70.5	5.3	5.6	4.7	4.2	3.8	4.9	1.8	1.4	1.1	1.4
by Energy	462.5	890.3	1,162.9	1,516.7	1,861.9	100	100	100	100	100	4.5	5.5	2.7	2.1	3.0
Coal	314.7	373.3	448.2	458.5	434.9	68.0	41.9	38.5	30.2	23.4	1.1	3.7	0.2	-0.5	0.6
Oil	83.4	270.4	355.3	505.1	645.6	18.0	30.4	30.5	33.3	34.7	8.2	5.6	3.6	2.5	3.5
Natural gas	9.7	31.9	50.6	100.6	187.9	2.1	3.6	4.4	6.6	10.1	8.2	9.7	7.1	6.4	7.4
Electricity	41.4	171.4	247.1	355.1	461.0	9.0	19.2	21.3	23.4	24.8	9.9	7.6	3.7	2.6	4.0
Heat	13.2	43.4	59.5	87.2	115.5	2.9	4.9	5.1	5.8	6.2	8.2	6.5	3.9	2.8	4.0
Others	0.0	0.0	2.1	10.2	16.9	0.0	0.0	0.2	0.7	0.9	-	-	17.0	5.2	-

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	621.2	2,497.4	3,529.6	5,006.6	6,449.0	100	100	100	100	100	9.7	7.2	3.6	2.6
Coal	442.8	1,972.3	2,710.9	3,509.4	4,223.2	71.3	79.0	76.8	70.1	65.5	10.5	6.6	2.6	1.9	3.1
Oil	49.0	60.6	59.1	57.1	56.0	7.9	2.4	1.7	1.1	0.9	1.4	-0.5	-0.4	-0.2	-0.3
Natural gas	2.8	11.9	33.1	182.0	647.8	0.4	0.5	0.9	3.6	10.0	10.2	22.6	18.6	13.5	17.3
Nuclear	0.0	53.1	80.4	252.3	350.5	0.0	2.1	2.3	5.0	5.4	-	8.7	12.1	3.3	7.8
Hydro	126.7	397.0	606.2	810.8	883.5	20.4	15.9	17.2	16.2	13.7	7.9	8.8	3.0	0.9	3.3
Geothermal	0.0	0.0	0.1	0.4	0.9	0.0	0.0	0.0	0.0	0.0	-	-	15.8	9.8	-
Others	0.0	2.5	39.8	194.5	287.1	0.0	0.1	1.1	3.9	4.5	-	73.8	17.2	4.0	20.9

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	144.8	545.5	691.2	870.6	1,088.1	100	100	100	100	100	9.2	4.8	2.3	2.3
Coal	131.8	527.6	670.3	820.6	949.5	91.0	96.7	97.0	94.3	87.3	9.7	4.9	2.0	1.5	2.4
Oil	12.4	15.3	13.8	12.7	12.0	8.5	2.8	2.0	1.5	1.1	1.4	-2.0	-0.9	-0.6	-1.0
Natural gas	0.6	2.6	7.1	37.3	126.6	0.4	0.5	1.0	4.3	11.6	10.2	22.0	18.0	13.0	16.7

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	29.4	32.2	34.9	37.0	38.9						0.6	1.6	0.6	0.5
Coal	28.9	32.1	34.8	36.8	38.3						0.7	1.6	0.6	0.4	0.7
Oil	34.0	34.1	36.8	38.8	40.2						0.0	1.5	0.5	0.4	0.7
Natural gas	38.9	38.9	39.9	42.0	44.0						0.0	0.5	0.5	0.5	0.5

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	671.4	1,466.8	1,853.3	2,226.7	2,604.5						5.3	4.8	1.9	1.6

Energy and economic indicators											AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	GDP (billions of 2000 US dollars)	445	1,890	3,012	5,594	8,644						10.1	9.8	6.4	4.4
Population (millions of people)	1,143	1,308	1,346	1,415	1,452						0.9	0.6	0.5	0.3	0.4
GDP per capita (thousands of 2000 USD/person)	0.4	1.4	2.2	4.0	6.0						9.1	9.1	5.9	4.2	5.8
Primary energy consumption per capita (toe/person)	0.6	1.1	1.5	1.8	2.1						4.6	5.0	2.0	1.7	2.5
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	1,491	790	651	451	356						-4.1	-3.8	-3.6	-2.3	-3.1
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	1,510	776	615	398	301						-4.3	-4.5	-4.3	-2.7	-3.7
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	1.01	0.98	0.94	0.88	0.85						-0.2	-0.8	-0.7	-0.4	-0.6
Automobile ownership volume (millions of vehicles)	5.5	31.8	46.5	117.5	233.9						12.4	7.9	9.7	7.1	8.3
Automobile ownership volume per capita (vehicles per person)	0.00	0.02	0.03	0.08	0.16						11.4	7.3	9.2	6.8	7.9

CHINA [APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	662.8	1,493.6	1,841.3	2,155.5	2,462.3	100	100	100	100	100	5.6	4.3	1.6	1.3
Coal	528.5	1,087.6	1,268.5	1,268.3	1,215.2	79.7	72.8	68.9	58.8	49.4	4.9	3.1	0.0	-0.4	0.4
Oil	110.4	318.4	415.6	497.9	533.5	16.7	21.3	22.6	23.1	21.7	7.3	5.5	1.8	0.7	2.1
Natural gas	12.8	40.1	60.2	133.5	334.5	1.9	2.7	3.3	6.2	13.6	7.9	8.4	8.3	9.6	8.9
Nuclear	0.0	13.8	21.6	73.1	127.9	0.0	0.9	1.2	3.4	5.2	-	9.3	13.0	5.8	9.3
Hydro	10.9	34.1	52.1	69.7	76.0	1.6	2.3	2.8	3.2	3.1	7.9	8.8	3.0	0.9	3.3
Geothermal	0.0	0.0	0.1	0.3	0.8	0.0	0.0	0.0	0.0	0.0	-	-	15.8	9.8	-
Others	0.2	-0.5	23.1	112.8	174.4	0.0	0.0	1.3	5.2	7.1	-208.4	-312.7	17.2	4.5	-226.1

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	462.5	890.3	1,119.0	1,342.9	1,545.3	100	100	100	100	100	4.5	4.7	1.8	1.4
Industry	258.8	517.8	653.3	720.0	745.5	56.0	58.2	58.4	53.6	48.2	4.7	4.8	1.0	0.3	1.5
Transportation	37.2	114.2	151.8	214.5	264.9	8.0	12.8	13.6	16.0	17.1	7.8	5.8	3.5	2.1	3.4
Others	142.1	208.4	259.4	345.4	464.5	30.7	23.4	23.2	25.7	30.1	2.6	4.5	2.9	3.0	3.3
Non-energy	24.5	49.9	54.5	63.0	70.5	5.3	5.6	4.9	4.7	4.6	4.9	1.8	1.4	1.1	1.4
by Energy															
Total	462.5	890.3	1,119.0	1,342.9	1,545.3	100	100	100	100	100	4.5	4.7	1.8	1.4	2.2
Coal	314.7	373.3	430.4	403.6	357.4	68.0	41.9	38.5	30.1	23.1	1.1	2.9	-0.6	-1.2	-0.2
Oil	83.4	270.4	340.9	435.0	495.1	18.0	30.4	30.5	32.4	32.0	8.2	4.7	2.5	1.3	2.4
Natural gas	9.7	31.9	49.3	93.0	173.3	2.1	3.6	4.4	6.9	11.2	8.2	9.1	6.5	6.4	7.0
Electricity	41.4	171.4	238.5	319.0	392.8	9.0	19.2	21.3	23.8	25.4	9.9	6.8	3.0	2.1	3.4
Heat	13.2	43.4	57.6	79.7	102.9	2.9	4.9	5.1	5.9	6.7	8.2	5.8	3.3	2.6	3.5
Others	0.0	0.0	2.3	12.7	23.7	0.0	0.0	0.2	0.9	1.5	-	-	18.9	6.4	-

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	621.2	2,497.4	3,352.1	4,383.1	5,323.3	100	100	100	100	100	9.7	6.1	2.7	2.0
Coal	442.8	1,972.3	2,530.3	2,814.7	2,832.0	71.3	79.0	75.5	64.2	53.2	10.5	5.1	1.1	0.1	1.5
Oil	49.0	60.6	59.1	57.1	56.0	7.9	2.4	1.8	1.3	1.1	1.4	-0.5	-0.4	-0.2	-0.3
Natural gas	2.8	11.9	33.8	192.6	707.7	0.4	0.5	1.0	4.4	13.3	10.2	23.1	19.0	13.9	17.7
Nuclear	0.0	53.1	82.9	280.4	490.6	0.0	2.1	2.5	6.4	9.2	-	9.3	13.0	5.8	9.3
Hydro	126.7	397.0	606.2	810.8	883.5	20.4	15.9	18.1	18.5	16.6	7.9	8.8	3.0	0.9	3.3
Geothermal	0.0	0.0	0.1	0.4	0.9	0.0	0.0	0.0	0.0	0.0	-	-	15.8	9.8	-
Others	0.0	2.5	39.8	227.1	352.5	0.0	0.1	1.2	5.2	6.6	-	73.8	19.0	4.5	21.9

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	144.8	545.5	610.1	646.8	701.9	100	100	100	100	100	9.2	2.3	0.6	0.8
Coal	131.8	527.6	589.9	597.9	564.7	91.0	96.7	96.7	92.4	80.4	9.7	2.3	0.1	-0.6	0.3
Oil	12.4	15.3	13.1	11.6	10.7	8.5	2.8	2.1	1.8	1.5	1.4	-3.1	-1.2	-0.8	-1.4
Natural gas	0.6	2.6	7.1	37.3	126.6	0.4	0.5	1.2	5.8	18.0	10.2	22.0	18.0	13.0	16.7

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	29.4	32.2	37.0	40.7	44.1						0.6	2.8	1.0	0.8
Coal	28.9	32.1	36.9	40.5	43.1						0.7	2.8	0.9	0.6	1.2
Oil	34.0	34.1	38.9	42.5	45.1						0.0	2.6	0.9	0.6	1.1
Natural gas	38.9	38.9	40.7	44.4	48.1						0.0	0.9	0.9	0.8	0.8

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	671.4	1,466.8	1,726.0	1,826.1	1,903.9						5.3	3.3	0.6	0.4

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	GDP (billions of 2000 US dollars)	445	1,890	3,144	5,594	8,644						10.1	10.7	5.9	4.4
Population (millions of people)	1,143	1,308	1,346	1,415	1,452						0.9	0.6	0.5	0.3	0.4
GDP per capita (thousands of 2000 USD/person)	0.4	1.4	2.3	4.0	6.0						9.1	10.1	5.4	4.2	5.8
Primary energy consumption per capita (toe/person)	0.6	1.1	1.4	1.5	1.7						4.6	3.7	1.1	1.1	1.6
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	1,491	790	586	385	285						-4.1	-5.8	-4.1	-3.0	-4.0
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	1,510	776	549	326	220						-4.3	-6.7	-5.1	-3.9	-4.9
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	1.01	0.98	0.94	0.85	0.77						-0.2	-0.9	-1.0	-0.9	-1.0

INDIA [BAU]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	186.4	379.3	469.9	882.0	1,831.5	100	100	100	100	100	4.8	4.4	6.5	7.6
Coal	106.1	208.0	228.5	385.6	962.3	56.9	54.8	48.6	43.7	52.5	4.6	1.9	5.4	9.6	6.3
Oil	62.6	128.6	163.5	293.6	581.9	33.6	33.9	34.8	33.3	31.8	4.9	4.9	6.0	7.1	6.2
Natural gas	9.8	28.8	50.4	139.6	201.0	5.3	7.6	10.7	15.8	11.0	7.4	11.8	10.7	3.7	8.1
Nuclear	1.6	4.5	10.8	34.5	42.4	0.9	1.2	2.3	3.9	2.3	7.2	19.0	12.3	2.1	9.4
Hydro	6.2	8.6	16.0	28.0	43.1	3.3	2.3	3.4	3.2	2.4	2.2	13.3	5.7	4.4	6.7
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.1	0.8	0.7	0.7	0.8	0.1	0.2	0.2	0.1	0.0	13.2	-1.9	-0.2	0.9	-0.1

Final energy consumption	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	116.8	199.1	281.2	521.5	1,019.8	100	100	100	100	100	3.6	7.1	6.4	6.9
Industry	60.4	90.3	133.2	229.0	406.1	51.7	45.3	47.4	43.9	39.8	2.7	8.1	5.6	5.9	6.2
Transportation	20.3	37.0	55.7	119.2	292.0	17.4	18.6	19.8	22.9	28.6	4.1	8.5	7.9	9.4	8.6
Others	32.5	58.5	73.5	136.2	248.6	27.8	29.4	26.1	26.1	24.4	4.0	4.7	6.4	6.2	6.0
Non-energy	3.6	13.4	18.8	37.1	73.1	3.1	6.7	6.7	7.1	7.2	9.2	7.0	7.0	7.0	7.0
by Energy															
Total	116.8	199.1	281.2	521.5	1,019.8	100	100	100	100	100	3.6	7.1	6.4	6.9	6.8
Coal	41.3	37.7	60.5	97.1	157.5	35.4	18.9	21.5	18.6	15.4	-0.6	9.9	4.9	5.0	5.9
Oil	51.7	106.3	146.3	271.9	549.3	44.2	53.4	52.0	52.1	53.9	4.9	6.6	6.4	7.3	6.8
Natural gas	5.6	13.9	17.7	31.8	59.8	4.8	7.0	6.3	6.1	5.9	6.2	4.8	6.0	6.5	6.0
Electricity	18.2	41.1	56.8	120.8	253.2	15.6	20.6	20.2	23.2	24.8	5.6	6.7	7.8	7.7	7.5
Heat	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	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	-	-100.0	-	-	-100.0

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	289.4	699.0	966.6	2,048.3	4,303.2	100	100	100	100	100	6.1	6.7	7.8	7.7
Coal	191.6	480.0	550.3	963.7	2,812.0	66.2	68.7	56.9	47.1	65.3	6.3	2.8	5.8	11.3	7.3
Oil	10.0	31.2	10.4	9.6	13.1	3.5	4.5	1.1	0.5	0.3	7.9	-19.7	-0.8	3.2	-3.4
Natural gas	10.0	62.5	167.0	596.0	774.0	3.4	8.9	17.3	29.1	18.0	13.0	21.7	13.6	2.6	10.6
Nuclear	6.1	17.3	41.4	132.5	162.8	2.1	2.5	4.3	6.5	3.8	7.2	19.0	12.3	2.1	9.4
Hydro	71.7	100.0	186.6	325.2	500.8	24.8	14.3	19.3	15.9	11.6	2.2	13.3	5.7	4.4	6.7
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.0	8.1	10.9	21.3	40.5	0.0	1.2	1.1	1.0	0.9	44.6	6.2	6.9	6.6	6.7

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	66.8	176.5	178.2	348.0	862.6	100	100	100	100	100	6.7	0.2	6.9	9.5
Coal	58.0	155.5	146.9	249.5	735.0	86.9	88.1	82.4	71.7	85.2	6.8	-1.1	5.4	11.4	6.4
Oil	5.3	8.2	2.9	2.7	3.6	8.0	4.7	1.6	0.8	0.4	2.9	-18.8	-0.8	3.2	-3.2
Natural gas	3.5	12.8	28.4	95.9	124.0	5.2	7.3	16.0	27.6	14.4	9.1	17.3	12.9	2.6	9.5

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	27.2	27.9	35.1	38.8	35.9						0.2	4.7	1.0	-0.8
Coal	28.4	26.5	32.2	33.2	32.9						-0.4	4.0	0.3	-0.1	0.9
Oil	16.3	32.7	31.0	31.0	31.0						4.8	-1.1	0.0	0.0	-0.2
Natural gas	24.7	41.9	50.5	53.4	53.7						3.6	3.8	0.6	0.0	1.0

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	167.2	329.2	383.4	686.8	1,531.6						4.6	3.1	6.0	8.4

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total														
GDP (billions of 2000 US dollars)	274	655	958	2,067	4,463						6.0	7.9	8.0	8.0	8.0
Population (millions of people)	850	1,095	1,163	1,326	1,460						1.7	1.2	1.3	1.0	1.2
GDP per capita (thousands of 2000 USD/person)	0.3	0.6	0.8	1.6	3.1						4.2	6.6	6.6	7.0	6.7
Primary energy consumption per capita (toe/person)	0.2	0.3	0.4	0.7	1.3						3.1	3.1	5.1	6.6	5.3
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	681	579	491	427	410						-1.1	-3.3	-1.4	-0.4	-1.4
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	611	503	400	332	343						-1.3	-4.5	-1.8	0.3	-1.5
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.90	0.87	0.82	0.78	0.84						-0.2	-1.2	-0.5	0.7	-0.1

INDIA [APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	186.4	379.3	435.0	744.7	1,329.7	100	100	100	100	100	4.8	2.8	5.5	6.0
Coal	106.1	208.0	203.2	258.7	495.5	56.9	54.8	46.7	34.7	37.3	4.6	-0.5	2.4	6.7	3.5
Oil	62.6	128.6	151.0	249.2	432.5	33.6	33.9	34.7	33.5	32.5	4.9	3.3	5.1	5.7	5.0
Natural gas	9.8	28.8	48.8	129.2	189.9	5.3	7.6	11.2	17.3	14.3	7.4	11.1	10.2	3.9	7.8
Nuclear	1.6	4.5	13.7	71.1	141.4	0.9	1.2	3.2	9.5	10.6	7.2	24.9	17.9	7.1	14.8
Hydro	6.2	8.6	16.1	28.2	43.6	3.3	2.3	3.7	3.8	3.3	2.2	13.3	5.8	4.5	6.7
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.1	0.8	2.3	8.4	26.8	0.1	0.2	0.5	1.1	2.0	13.2	23.9	13.9	12.3	15.2

Final energy consumption	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	116.8	199.1	260.4	450.8	779.6	100	100	100	100	100	3.6	5.5	5.6	5.6
Industry	60.4	90.3	124.2	198.5	302.6	51.7	45.3	47.7	44.0	38.8	2.7	6.6	4.8	4.3	5.0
Transportation	20.3	37.0	46.6	88.2	186.7	17.4	18.6	17.9	19.6	24.0	4.1	4.7	6.6	7.8	6.7
Others	32.5	58.5	70.8	126.9	217.1	27.8	29.4	27.2	28.2	27.9	4.0	3.9	6.0	5.5	5.4
Non-energy	3.6	13.4	18.8	37.1	73.1	3.1	6.7	7.2	8.2	9.4	9.2	7.0	7.0	7.0	7.0
by Energy															
Total	116.8	199.1	260.4	450.8	779.6	100	100	100	100	100	3.6	5.5	5.6	5.6	5.6
Coal	41.3	37.7	54.6	77.3	90.2	35.4	18.9	21.0	17.2	11.6	-0.6	7.7	3.5	1.6	3.5
Oil	51.7	106.3	133.7	226.8	396.7	44.2	53.4	51.3	50.3	50.9	4.9	4.7	5.4	5.8	5.4
Natural gas	5.6	13.9	17.4	30.5	54.9	4.8	7.0	6.7	6.8	7.0	6.2	4.5	5.8	6.1	5.6
Electricity	18.2	41.1	53.2	108.5	211.7	15.6	20.6	20.4	24.1	27.2	5.6	5.3	7.4	6.9	6.8
Heat	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	1.6	7.7	26.0	0.0	0.1	0.6	1.7	3.3	-	72.4	17.2	13.0	24.8

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	289.4	699.0	905.5	1,837.9	3,594.7	100	100	100	100	100	6.1	5.3	7.3	6.9
Coal	191.6	480.0	482.5	655.1	1,704.6	66.2	68.7	53.3	35.6	47.4	6.3	0.1	3.1	10.0	5.2
Oil	10.0	31.2	10.0	8.6	12.7	3.5	4.5	1.1	0.5	0.4	7.9	-20.3	-1.5	4.0	-3.5
Natural gas	10.0	62.5	162.4	552.5	787.0	3.4	8.9	17.9	30.1	21.9	13.0	21.0	13.0	3.6	10.7
Nuclear	6.1	17.3	52.7	272.8	542.8	2.1	2.5	5.8	14.8	15.1	7.2	24.9	17.9	7.1	14.8
Hydro	71.7	100.0	187.0	327.7	507.2	24.8	14.3	20.7	17.8	14.1	2.2	13.3	5.8	4.5	6.7
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.0	8.1	10.9	21.3	40.5	0.0	1.2	1.2	1.2	1.1	44.6	6.2	6.9	6.6	6.7

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	66.8	176.5	157.5	232.4	457.7	100	100	100	100	100	6.7	-2.3	4.0	7.0
Coal	58.0	155.5	127.4	142.4	335.4	86.9	88.1	80.9	61.3	73.3	6.8	-3.9	1.1	8.9	3.1
Oil	5.3	8.2	2.8	2.4	3.5	8.0	4.7	1.8	1.0	0.8	2.9	-19.4	-1.5	4.0	-3.3
Natural gas	3.5	12.8	27.3	87.6	118.7	5.2	7.3	17.3	37.7	25.9	9.1	16.3	12.4	3.1	9.3

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	27.2	27.9	35.8	45.0	47.1						0.2	5.1	2.3	0.4
Coal	28.4	26.5	32.6	39.6	43.7						-0.4	4.2	2.0	1.0	2.0
Oil	16.3	32.7	31.0	31.0	31.0						4.8	-1.1	0.0	0.0	-0.2
Natural gas	24.7	41.9	51.2	54.2	57.0						3.6	4.1	0.6	0.5	1.2

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	167.2	329.2	344.6	505.9	895.3						4.6	0.9	3.9	5.9

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	GDP (billions of 2000 US dollars)	274	655	958	2,067	4,463						6.0	7.9	8.0	8.0
Population (millions of people)	850	1,095	1,163	1,326	1,460						1.7	1.2	1.3	1.0	1.2
GDP per capita (thousands of 2000 USD/person)	0.3	0.6	0.8	1.6	3.1						4.2	6.6	6.6	7.0	6.7
Primary energy consumption per capita (toe/person)	0.2	0.3	0.4	0.6	0.9						3.1	1.5	4.1	5.0	3.9
Primary energy consumption per unit of GDP (toe/million 2000 U)	681	579	454	360	298						-1.1	-4.7	-2.3	-1.9	-2.6
CO₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	611	503	360	245	201						-1.3	-6.5	-3.8	-2.0	-3.6
CO₂ emissions per unit of primary energy consumption (t-C/toe)	0.90	0.87	0.79	0.68	0.67						-0.2	-1.8	-1.5	-0.1	-1.0

INDONESIA [BAU]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	64.6	135.1	183.2	314.0	542.9	100	100	100	100	100	5.0	6.3	5.5	5.6
Coal	3.9	25.4	36.1	76.8	163.1	6.1	18.8	19.7	24.5	30.0	13.2	7.3	7.8	7.8	7.7
Oil	34.2	66.2	81.4	129.9	220.8	53.0	49.0	44.4	41.4	40.7	4.5	4.2	4.8	5.4	4.9
Natural gas	18.5	30.6	36.8	56.3	106.9	28.6	22.6	20.1	17.9	19.7	3.4	3.8	4.3	6.6	5.1
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	0.6	0.9	1.5	1.8	2.1	0.9	0.7	0.8	0.6	0.4	3.0	10.8	1.8	1.6	3.4
Geothermal	0.9	5.7	20.8	41.5	41.5	1.5	4.2	11.4	13.2	7.6	12.7	29.6	7.2	0.0	8.3
Others	6.4	6.3	6.6	7.7	8.5	9.9	4.7	3.6	2.5	1.6	-0.1	0.9	1.6	1.0	1.2

Final energy consumption	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	43.9	89.8	120.5	217.7	400.9	100	100	100	100	100	4.9	6.1	6.1	6.3
Industry	16.5	34.4	47.9	90.7	171.5	37.6	38.3	39.8	41.7	42.8	5.0	6.8	6.6	6.6	6.6
Transportation	11.0	26.1	38.9	74.0	139.6	25.1	29.1	32.3	34.0	34.8	5.9	8.3	6.6	6.6	6.9
Others	8.9	18.1	20.6	35.1	65.0	20.2	20.2	17.1	16.1	16.2	4.9	2.6	5.5	6.4	5.2
Non-energy	7.5	11.2	13.1	17.9	24.8	17.1	12.5	10.9	8.2	6.2	2.7	3.2	3.2	3.3	3.2
by Energy															
Total	43.6	89.7	120.5	217.7	400.7	100	100	100	100	100	4.9	6.1	6.1	6.3	6.2
Coal	0.6	9.6	14.1	30.4	65.7	1.5	10.7	11.7	14.0	16.4	19.8	8.0	8.0	8.0	8.0
Oil	27.6	51.9	66.7	115.1	205.7	63.3	57.9	55.4	52.9	51.3	4.3	5.1	5.6	6.0	5.7
Natural gas	6.6	12.7	18.8	34.8	59.4	15.2	14.2	15.6	16.0	14.8	4.4	8.2	6.4	5.5	6.4
Electricity	2.3	9.2	14.3	30.1	61.9	5.3	10.3	11.9	13.8	15.4	9.6	9.2	7.7	7.5	7.9
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	6.4	6.3	6.6	7.3	8.0	14.7	7.0	5.5	3.4	2.0	-0.1	0.9	1.0	0.9	1.0

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	33.3	130.2	201.7	425.9	875.8	100	100	100	100	100	9.5	9.1	7.8	7.5
Coal	10.5	51.8	94.3	223.5	506.3	31.5	39.8	46.8	52.5	57.8	11.2	12.7	9.0	8.5	9.5
Oil	14.2	44.2	37.2	30.4	32.0	42.7	33.9	18.4	7.1	3.7	7.8	-3.4	-2.0	0.5	-1.3
Natural gas	0.8	16.8	28.9	100.8	261.6	2.3	12.9	14.3	23.7	29.9	23.0	11.5	13.3	10.0	11.6
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	6.7	10.8	16.9	21.1	24.3	20.2	8.3	8.4	5.0	2.8	3.2	9.4	2.2	1.4	3.3
Geothermal	1.1	6.6	24.2	48.3	48.3	3.3	5.1	12.0	11.3	5.5	12.7	29.7	7.2	0.0	8.3
Others	0.0	0.0	0.2	1.8	3.3	0.0	0.0	0.1	0.4	0.4	-	-	24.6	6.2	-

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	6.9	29.1	37.2	73.9	148.7	100	100	100	100	100	10.1	5.0	7.1	7.2
Coal	2.7	15.8	22.7	49.4	99.9	39.7	54.3	61.0	66.8	67.2	12.4	7.5	8.1	7.3	7.7
Oil	3.8	9.8	8.2	6.5	6.5	55.7	33.7	22.0	8.8	4.4	6.5	-3.5	-2.3	0.0	-1.6
Natural gas	0.3	3.5	6.3	18.0	42.3	4.7	12.0	16.9	24.4	28.4	17.3	12.5	11.1	8.9	10.5

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	32.0	33.3	37.1	41.3	46.3						0.3	2.2	1.1	1.1
Coal	33.2	28.2	35.7	38.9	43.6						-1.1	4.8	0.9	1.1	1.8
Oil	32.1	38.8	39.0	40.2	42.3						1.3	0.1	0.3	0.5	0.4
Natural gas	20.2	41.3	39.5	48.2	53.2						4.9	-0.9	2.0	1.0	1.0

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	41.6	90.6	116.7	207.6	401.2						5.3	5.2	5.9	6.8

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	GDP (billions of 2000 US dollars)	109.2	207.9	272.4	499.5	937.6						4.4	5.6	6.3	6.5
Population (millions of people)	178.2	220.6	234.1	263.8	288.5						1.4	1.2	1.2	0.9	1.1
GDP per capita (thousands of 2000 USD/person)	0.6	0.9	1.2	1.9	3.2						2.9	4.3	5.0	5.6	5.1
Primary energy consumption per capita (toe/person)	0.4	0.6	0.8	1.2	1.9						3.6	5.0	4.3	4.7	4.6
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	592	650	673	629	579						0.6	0.7	-0.7	-0.8	-0.5
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	381	436	428	416	428						0.9	-0.3	-0.3	0.3	-0.1
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.64	0.67	0.64	0.66	0.74						0.3	-1.0	0.4	1.1	0.4

INDONESIA [APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	64.6	135.1	180.0	274.0	383.8	100	100	100	100	100	5.0	5.9	4.3	3.4	4.3
Coal	3.9	25.4	33.7	56.9	84.5	6.1	18.8	18.7	20.8	22.0	13.2	5.8	5.4	4.0	4.9
Oil	34.2	66.2	80.5	113.2	152.6	53.0	49.0	44.7	41.3	39.8	4.5	4.0	3.5	3.0	3.4
Natural gas	18.5	30.6	36.9	53.0	90.3	28.6	22.6	20.5	19.3	23.5	3.4	3.8	3.7	5.5	4.4
Nuclear	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	1.1	-	-	-	-	-
Hydro	0.6	0.9	1.5	1.8	2.1	0.9	0.7	0.8	0.7	0.5	3.0	10.8	1.8	1.6	3.4
Geothermal	0.9	5.7	20.8	41.5	41.5	1.5	4.2	11.6	15.1	10.8	12.7	29.6	7.2	0.0	8.3
Others	6.4	6.3	6.6	7.6	8.5	9.9	4.7	3.7	2.8	2.2	-0.1	0.9	1.4	1.1	1.2

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	43.9	89.8	118.3	187.8	277.4	100	100	100	100	100	4.9	5.7	4.7	4.0	4.6
Industry	16.5	34.4	46.4	77.7	117.5	37.6	38.3	39.2	41.4	42.4	5.0	6.2	5.3	4.2	5.0
Transportation	11.0	26.1	38.6	63.9	94.9	25.1	29.1	32.6	34.0	34.2	5.9	8.1	5.2	4.0	5.3
Others	8.9	18.1	20.2	28.3	40.2	20.2	20.2	17.1	15.1	14.5	4.9	2.2	3.4	3.6	3.2
Non-energy	7.5	11.2	13.1	17.9	24.8	17.1	12.5	11.1	9.5	8.9	2.7	3.2	3.2	3.3	3.2
Total by Energy	43.6	89.7	118.3	188.0	277.2	100	100	100	100	100	4.9	5.7	4.7	4.0	4.6
Coal	0.6	9.6	13.4	23.8	36.2	1.5	10.7	11.3	12.7	13.1	19.8	6.9	5.9	4.3	5.5
Oil	27.6	51.9	65.7	98.0	136.9	63.3	57.9	55.5	52.1	49.4	4.3	4.8	4.1	3.4	4.0
Natural gas	6.6	12.7	18.8	34.8	59.4	15.2	14.2	15.9	18.5	21.4	4.4	8.2	6.4	5.5	6.4
Electricity	2.3	9.2	13.8	24.1	36.7	5.3	10.3	11.7	12.8	13.2	9.6	8.4	5.7	4.3	5.7
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	6.4	6.3	6.6	7.3	8.0	14.7	7.0	5.6	3.9	2.9	-0.1	0.9	1.0	0.9	1.0

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	33.3	130.2	194.7	340.7	519.4	100	100	100	100	100	9.5	8.4	5.8	4.3	5.7
Coal	10.5	51.8	87.3	158.1	236.3	31.5	39.8	44.8	46.4	45.5	11.2	11.0	6.1	4.1	6.3
Oil	14.2	44.2	37.2	31.8	33.5	42.7	33.9	19.1	9.3	6.4	7.8	-3.4	-1.6	0.5	-1.1
Natural gas	0.8	16.8	28.9	79.6	157.3	2.3	12.9	14.8	23.4	30.3	23.0	11.5	10.7	7.0	9.4
Nuclear	0.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0	3.2	-	-	-	-	-
Hydro	6.7	10.8	16.9	21.1	24.3	20.2	8.3	8.7	6.2	4.7	3.2	9.4	2.2	1.4	3.3
Geothermal	1.1	6.6	24.2	48.3	48.3	3.3	5.1	12.4	14.2	9.3	12.7	29.7	7.2	0.0	8.3
Others	0.0	0.0	0.2	1.8	3.3	0.0	0.0	0.1	0.5	0.6	-	-	24.6	6.2	-

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	6.9	29.1	34.2	53.6	81.7	100	100	100	100	100	10.1	3.3	4.6	4.3	4.2
Coal	2.7	15.8	20.3	33.1	48.3	39.7	54.3	59.4	61.8	59.1	12.4	5.1	5.0	3.9	4.6
Oil	3.8	9.8	8.2	6.7	6.9	55.7	33.7	24.0	12.5	8.4	6.5	-3.5	-2.0	0.3	-1.4
Natural gas	0.3	3.5	5.7	13.8	26.5	4.7	12.0	16.7	25.7	32.4	17.3	10.2	9.2	6.7	8.4

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	32.0	33.3	38.6	43.2	45.0						0.3	3.0	1.1	0.4	1.2
Coal	33.2	28.2	37.0	41.1	42.1						-1.1	5.6	1.1	0.2	1.6
Oil	32.1	38.8	39.0	40.8	41.8						1.3	0.1	0.5	0.2	0.3
Natural gas	20.2	41.3	43.6	49.6	51.0						4.9	1.1	1.3	0.3	0.9

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	41.6	90.6	113.7	168.9	246.8						5.3	4.6	4.0	3.9	4.1

Energy and economic indicators						AAGR(%)				
	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	109.2	207.9	272.4	499.5	937.6	4.4	5.6	6.3	6.5	6.2
Population (millions of people)	178.2	220.6	234.1	263.8	288.5	1.4	1.2	1.2	0.9	1.1
GDP per capita (thousands of 2000 USD/person)	0.6	0.9	1.2	1.9	3.2	2.9	4.3	5.0	5.6	5.1
Primary energy consumption per capita (toe/person)	0.4	0.6	0.8	1.0	1.3	3.6	4.7	3.1	2.5	3.2
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	592	650	661	549	409	0.6	0.3	-1.8	-2.9	-1.8
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	381	436	417	338	263	0.9	-0.9	-2.1	-2.5	-2.0
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.64	0.67	0.63	0.62	0.64	0.3	-1.2	-0.2	0.4	-0.2

JAPAN [BAU]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	444.5	530.5	531.8	538.1	521.0	100	100	100	100	100	1.2	0.1	0.1	-0.3	-0.1
Coal	77.2	112.1	101.2	99.9	97.7	17.4	21.1	19.0	18.6	18.7	2.5	-2.0	-0.1	-0.2	-0.5
Oil	255.0	251.7	236.0	215.8	194.8	57.4	47.4	44.4	40.1	37.4	-0.1	-1.3	-0.9	-1.0	-1.0
Natural gas	44.2	70.5	75.4	78.8	83.9	9.9	13.3	14.2	14.6	16.1	3.2	1.4	0.4	0.6	0.7
Nuclear	52.7	79.4	100.7	123.5	123.5	11.9	15.0	18.9	22.9	23.7	2.8	4.9	2.1	0.0	1.8
Hydro	7.7	6.7	7.6	7.6	7.6	1.7	1.3	1.4	1.4	1.5	-0.9	2.4	0.0	0.1	0.5
Geothermal	1.6	3.0	3.2	3.2	3.2	0.4	0.6	0.6	0.6	0.6	4.4	1.1	0.0	0.0	0.2
Others	6.1	7.0	7.8	9.4	10.4	1.4	1.3	1.5	1.7	2.0	0.9	2.0	1.9	1.0	1.6

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	304.4	350.8	343.4	337.9	325.2	100	100	100	100	100	1.0	-0.4	-0.2	-0.4	-0.3
Industry	125.7	127.1	124.2	119.7	113.4	41.3	36.2	36.2	35.4	34.9	0.1	-0.4	-0.4	-0.5	-0.5
Transportation	76.7	93.0	89.7	84.0	76.5	25.2	26.5	26.1	24.9	23.5	1.3	-0.7	-0.6	-0.9	-0.8
Others	90.5	121.2	120.1	125.0	126.3	29.7	34.5	35.0	37.0	38.8	2.0	-0.2	0.4	0.1	0.2
Non-energy	11.4	9.6	9.4	9.1	9.0	3.8	2.7	2.7	2.7	2.8	-1.2	-0.5	-0.2	-0.1	-0.3

Final energy consumption by Energy	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	304.4	350.8	343.4	337.9	325.2	100	100	100	100	100	1.0	-0.4	-0.2	-0.4	-0.3
Coal	31.8	26.1	23.1	21.3	18.8	10.4	7.4	6.7	6.3	5.8	-1.3	-2.3	-0.8	-1.2	-1.3
Oil	189.6	208.4	196.8	181.7	164.6	62.3	59.4	57.3	53.8	50.6	0.6	-1.1	-0.8	-1.0	-0.9
Natural gas	14.3	28.0	29.6	33.1	36.6	4.7	8.0	8.6	9.8	11.2	4.5	1.1	1.1	1.0	1.1
Electricity	64.6	84.6	90.0	97.4	100.9	21.2	24.1	26.2	28.8	31.0	1.8	1.2	0.8	0.4	0.7
Heat	0.2	0.6	0.6	0.6	0.6	0.1	0.2	0.2	0.2	0.2	7.9	-0.9	0.0	0.0	-0.2
Others	3.9	3.2	3.3	3.9	3.7	1.3	0.9	1.0	1.2	1.1	-1.2	0.6	1.6	-0.4	0.6

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	836.7	1,094.2	1,141.2	1,234.6	1,281.3	100	100	100	100	100	1.8	0.8	0.8	0.4	0.6
Coal	116.9	309.3	272.2	289.0	303.1	14.0	28.3	23.9	23.4	23.7	6.7	-2.5	0.6	0.5	-0.1
Oil	249.8	146.0	113.5	87.6	72.7	29.8	13.3	9.9	7.1	5.7	-3.5	-4.9	-2.6	-1.8	-2.7
Natural gas	166.1	231.4	251.3	256.9	291.1	19.9	21.1	22.0	20.8	22.7	2.2	1.7	0.2	1.3	0.9
Nuclear	202.3	304.8	386.3	473.8	473.8	24.2	27.9	33.8	38.4	37.0	2.8	4.9	2.1	0.0	1.8
Hydro	89.3	78.2	88.1	87.9	88.7	10.7	7.1	7.7	7.1	6.9	-0.9	2.4	0.0	0.1	0.5
Geothermal	1.7	3.2	3.4	3.4	3.4	0.2	0.3	0.3	0.3	0.3	4.2	1.1	0.0	0.0	0.2
Others	10.7	21.3	26.3	36.1	48.4	1.3	1.9	2.3	2.9	3.8	4.7	4.3	3.2	3.0	3.3

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	107.7	133.2	122.9	118.7	117.7	100	100	100	100	100	1.4	-1.6	-0.3	-0.1	-0.5
Coal	25.6	63.0	55.0	55.6	55.8	23.8	47.3	44.8	46.9	47.4	6.2	-2.7	0.1	0.0	-0.5
Oil	48.8	26.2	20.6	15.9	13.2	45.3	19.7	16.8	13.4	11.2	-4.1	-4.7	-2.6	-1.8	-2.7
Natural gas	33.3	44.0	47.3	47.2	48.7	30.9	33.0	38.5	39.7	41.4	1.9	1.5	0.0	0.3	0.4

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	42.6	44.3	44.6	45.9	48.7						0.3	0.1	0.3	0.6	0.4
Coal	39.2	42.2	42.5	44.7	46.7						0.5	0.1	0.5	0.4	0.4
Oil	44.0	47.9	47.4	47.4	47.4						0.6	-0.2	0.0	0.0	0.0
Natural gas	42.9	45.3	45.7	46.8	51.4						0.4	0.2	0.2	0.9	0.5

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	294.9	342.0	322.7	308.6	293.9						1.0	-1.2	-0.4	-0.5	-0.6

Energy and economic indicators						AAGR(%)				
	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	4,111	4,993	5,168	5,822	6,431	1.3	0.7	1.2	1.0	1.0
Population (millions of people)	124	128	127	123	115	0.2	-0.1	-0.4	-0.6	-0.4
GDP per capita (thousands of 2000 USD/person)	33.3	39.1	40.6	47.5	55.9	1.1	0.8	1.6	1.6	1.4
Primary energy consumption per capita (toe/person)	3.6	4.2	4.2	4.4	4.5	1.0	0.1	0.5	0.3	0.3
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	108	106	103	92	81	-0.1	-0.6	-1.1	-1.3	-1.1
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	72	68	62	53	46	-0.3	-1.8	-1.6	-1.5	-1.6
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.66	0.64	0.61	0.57	0.56	-0.2	-1.2	-0.6	-0.2	-0.5

JAPAN [APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	444.5	530.5	529.3	516.9	478.7	100	100	100	100	100	1.2	0.0	-0.2	-0.8	-0.4
Coal	77.2	112.1	103.1	95.2	90.9	17.4	21.1	19.5	18.4	19.0	2.5	-1.6	-0.8	-0.5	-0.8
Oil	255.0	251.7	235.1	208.0	175.9	57.4	47.4	44.4	40.2	36.7	-0.1	-1.4	-1.2	-1.7	-1.4
Natural gas	44.2	70.5	71.8	68.5	64.6	9.9	13.3	13.6	13.3	13.5	3.2	0.4	-0.5	-0.6	-0.4
Nuclear	52.7	79.4	100.7	123.5	123.5	11.9	15.0	19.0	23.9	25.8	2.8	4.9	2.1	0.0	1.8
Hydro	7.7	6.7	7.5	7.7	7.7	1.7	1.3	1.4	1.5	1.6	-0.9	2.2	0.3	0.0	0.6
Geothermal	1.6	3.0	3.1	3.1	3.1	0.4	0.6	0.6	0.6	0.7	4.4	1.0	0.0	0.0	0.2
Others	6.1	7.0	7.9	10.9	13.1	1.4	1.3	1.5	2.1	2.7	0.9	2.5	3.2	1.8	2.5

Final energy consumption	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	304.4	350.8	340.2	326.0	299.7	100	100	100	100	100	1.0	-0.6	-0.4	-0.8	-0.6
Industry	125.7	127.1	120.7	114.9	106.4	41.3	36.2	35.5	35.3	35.5	0.1	-1.0	-0.5	-0.8	-0.7
Transportation	76.7	93.0	90.9	83.3	67.9	25.2	26.5	26.7	25.5	22.7	1.3	-0.5	-0.9	-2.0	-1.3
Others	90.5	121.2	119.6	119.0	116.7	29.7	34.5	35.2	36.5	38.9	2.0	-0.3	-0.1	-0.2	-0.1
Non-energy	11.4	9.6	9.1	8.8	8.7	3.8	2.7	2.7	2.7	2.9	-1.2	-1.1	-0.3	-0.1	-0.4
by Energy															
Total	304.4	350.8	340.2	326.0	299.7	100	100	100	100	100	1.0	-0.6	-0.4	-0.8	-0.6
Coal	31.8	26.1	22.3	21.6	18.6	10.4	7.4	6.6	6.6	6.2	-1.3	-3.1	-0.3	-1.5	-1.3
Oil	189.6	208.4	195.5	176.7	150.1	62.3	59.4	57.5	54.2	50.1	0.6	-1.3	-1.0	-1.6	-1.3
Natural gas	14.3	28.0	28.9	30.3	33.0	4.7	8.0	8.5	9.3	11.0	4.5	0.7	0.5	0.9	0.7
Electricity	64.6	84.6	89.6	92.2	92.0	21.2	24.1	26.3	28.3	30.7	1.8	1.1	0.3	0.0	0.3
Heat	0.2	0.6	0.6	0.6	0.6	0.1	0.2	0.2	0.2	0.2	7.9	-0.9	0.0	0.0	-0.2
Others	3.9	3.2	3.4	4.6	5.4	1.3	0.9	1.0	1.4	1.8	-1.2	1.0	3.1	1.5	2.1

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	836.7	1,094.2	1,138.7	1,147.3	1,130.8	100	100	100	100	100	1.8	0.8	0.1	-0.1	0.1
Coal	116.9	309.3	286.1	261.8	264.1	14.0	28.3	25.1	22.8	23.4	6.7	-1.6	-0.9	0.1	-0.6
Oil	249.8	146.0	109.9	52.5	21.8	29.8	13.3	9.7	4.6	1.9	-3.5	-5.5	-7.1	-8.4	-7.3
Natural gas	166.1	231.4	236.7	218.5	208.2	19.9	21.1	20.8	19.0	18.4	2.2	0.5	-0.8	-0.5	-0.4
Nuclear	202.3	304.8	386.3	473.8	473.8	24.2	27.9	33.9	41.3	41.9	2.8	4.9	2.1	0.0	1.8
Hydro	89.3	78.2	87.2	89.6	89.7	10.7	7.1	7.7	7.8	7.9	-0.9	2.2	0.3	0.0	0.6
Geothermal	1.7	3.2	3.4	3.4	3.4	0.2	0.3	0.3	0.3	0.3	4.2	1.0	0.0	0.0	0.2
Others	10.7	21.3	29.1	47.6	69.7	1.3	1.9	2.6	4.1	6.2	4.7	6.5	5.0	3.9	4.9

Power generation input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	107.7	133.2	122.1	99.7	86.1	100	100	100	100	100	1.4	-1.7	-2.0	-1.5	-1.7
Coal	25.6	63.0	57.8	50.6	49.2	23.8	47.3	47.4	50.7	57.1	6.2	-1.7	-1.3	-0.3	-1.0
Oil	48.8	26.2	20.0	9.5	4.0	45.3	19.7	16.3	9.6	4.6	-4.1	-5.3	-7.1	-8.4	-7.3
Natural gas	33.3	44.0	44.3	39.6	32.9	30.9	33.0	36.3	39.7	38.3	1.9	0.2	-1.1	-1.8	-1.1

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	42.6	44.3	44.6	46.0	49.3						0.3	0.1	0.3	0.7	0.4
Coal	39.2	42.2	42.5	44.5	46.2						0.5	0.1	0.5	0.4	0.4
Oil	44.0	47.9	47.4	47.4	47.4						0.6	-0.2	0.0	0.0	0.0
Natural gas	42.9	45.3	45.9	47.4	54.3						0.4	0.3	0.3	1.4	0.7

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	294.9	342.0	322.9	291.6	259.6						1.0	-1.1	-1.0	-1.2	-1.1

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	4,111	4,993	5,168	5,822	6,431						1.3	0.7	1.2	1.0	1.0
Population (millions of people)	124	128	127	123	115						0.2	-0.1	-0.4	-0.6	-0.4
GDP per capita (thousands of 2000 USD/person)	33.3	39.1	40.7	47.5	55.9						1.1	0.8	1.6	1.6	1.4
Primary energy consumption per capita (toe/person)	3.6	4.2	4.2	4.2	4.2						1.0	0.1	0.1	-0.1	0.0
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	108	106	102	89	74						-0.1	-0.7	-1.4	-1.7	-1.4
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	72	68	62	50	40						-0.3	-1.8	-2.2	-2.1	-2.1
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.66	0.64	0.61	0.56	0.54						-0.2	-1.1	-0.8	-0.4	-0.7

KOREA [BAU]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	88.7	218.5	232.1	297.0	323.7	100	100	100	100	100	6.2	1.2	2.5	0.9
Coal	23.2	52.0	62.2	73.7	77.1	26.1	23.8	26.8	24.8	23.8	5.5	3.6	1.7	0.5	1.6
Oil	47.7	96.5	96.0	108.5	109.3	53.8	44.2	41.3	36.5	33.8	4.8	-0.1	1.2	0.1	0.5
Natural gas	2.7	27.3	32.3	39.6	44.6	3.1	12.5	13.9	13.3	13.8	16.6	3.4	2.1	1.2	2.0
Nuclear	13.8	38.3	34.8	61.2	74.2	15.5	17.5	15.0	20.6	22.9	7.0	-1.9	5.8	1.9	2.7
Hydro	0.5	0.4	0.5	0.5	0.5	0.6	0.2	0.2	0.2	0.1	-1.3	2.4	-0.9	0.2	0.2
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.8	4.0	6.4	13.6	18.1	0.9	1.8	2.7	4.6	5.6	11.3	10.0	7.9	2.9	6.3

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	72.0	163.0	176.0	221.0	235.0	100	100	100	100	100	5.6	1.5	2.3	0.6
Industry	27.0	54.0	57.0	74.0	74.0	37.5	33.1	32.4	33.5	31.5	4.7	1.1	2.6	0.0	1.3
Transportation	14.2	34.0	37.0	42.0	46.0	19.7	20.9	21.0	19.0	19.6	6.0	1.7	1.3	0.9	1.2
Others	24.8	39.0	41.0	53.0	62.0	34.4	23.9	23.3	24.0	26.4	3.1	1.0	2.6	1.6	1.9
Non-energy	6.0	36.0	41.0	52.0	53.0	8.3	22.1	23.3	23.5	22.6	12.7	2.6	2.4	0.2	1.6
by Energy															
Total	71.8	163.1	175.7	221.3	235.2	100	100	100	100	100	5.6	1.5	2.3	0.6	1.5
Coal	18.9	21.2	24.1	30.5	29.3	26.3	13.0	13.7	13.8	12.4	0.8	2.6	2.4	-0.4	1.3
Oil	43.0	91.9	92.9	107.4	108.2	59.9	56.3	52.9	48.5	46.0	5.2	0.2	1.5	0.1	0.7
Natural gas	0.9	16.0	21.0	29.1	32.7	1.3	9.8	11.9	13.1	13.9	21.1	5.5	3.3	1.2	2.9
Electricity	8.1	28.6	30.3	39.9	46.9	11.3	17.5	17.3	18.0	19.9	8.8	1.2	2.8	1.6	2.0
Heat	0.1	1.5	1.7	3.3	4.2	0.1	0.9	0.9	1.5	1.8	22.3	1.6	7.0	2.5	4.1
Others	0.8	3.9	5.7	11.1	14.1	1.1	2.4	3.3	5.0	6.0	11.2	8.0	6.9	2.4	5.3

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	107.7	361.9	378.4	483.7	567.1	100	100	100	100	100	8.4	0.9	2.5	1.6
Coal	20.0	133.7	169.0	194.6	220.4	18.5	36.9	44.7	40.2	38.9	13.5	4.8	1.4	1.3	2.0
Oil	18.9	17.7	11.8	0.9	1.3	17.5	4.9	3.1	0.2	0.2	-0.4	-7.9	-22.3	3.0	-10.0
Natural gas	9.6	58.1	55.7	37.9	38.6	8.9	16.1	14.7	7.8	6.8	12.8	-0.8	-3.8	0.2	-1.6
Nuclear	52.9	146.8	133.5	234.8	284.7	49.1	40.6	35.3	48.5	50.2	7.0	-1.9	5.8	1.9	2.7
Hydro	6.4	5.2	5.9	5.3	5.4	5.9	1.4	1.5	1.1	1.0	-1.3	2.4	-1.0	0.2	0.2
Geothermal	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	2.6	10.1	16.6	0.0	0.1	0.7	2.1	2.9	-	45.2	14.5	5.1	16.0

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	10.6	44.7	49.6	49.6	54.3	100	100	100	100	100	10.1	2.1	0.0	0.9
Coal	4.4	30.9	38.1	43.1	47.8	41.4	69.0	76.8	87.0	87.9	13.9	4.3	1.2	1.0	1.8
Oil	4.2	4.1	2.2	0.2	0.3	39.5	9.1	4.3	0.4	0.5	-0.2	-12.0	-20.8	2.6	-10.3
Natural gas	2.0	9.8	9.3	6.2	6.3	19.1	21.9	18.8	12.6	11.6	11.1	-0.9	-3.9	0.1	-1.8

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	39.4	40.3	41.0	40.5	41.2						0.1	0.4	-0.1	0.2
Coal	39.3	37.3	38.2	38.8	39.7						-0.3	0.5	0.2	0.2	0.3
Oil	38.9	37.4	46.9	38.7	40.0						-0.3	4.6	-1.9	0.3	0.3
Natural gas	40.9	51.1	51.4	52.3	52.9						1.5	0.1	0.2	0.1	0.1

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	67.6	136.0	146.3	167.0	174.5						4.8	1.5	1.3	0.4

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	GDP (billions of 2000 US dollars)	284	640	739	1,103	1,450						5.6	2.9	4.1	2.8
Population (millions of people)	42.9	48.1	48.9	49.3	48.6						0.8	0.3	0.1	-0.1	0.0
GDP per capita (thousands of 2000 USD/person)	6.6	13.3	15.1	22.4	29.8						4.8	2.6	4.0	2.9	3.3
Primary energy consumption per capita (toe/person)	2.1	4.5	4.7	6.0	6.7						5.4	0.9	2.4	1.0	1.5
Primary energy consumption per unit of GDP (toe/million 2000 U)	313	342	314	269	223						0.6	-1.7	-1.5	-1.9	-1.7
CO₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	238	213	198	151	120						-0.8	-1.4	-2.7	-2.3	-2.2
CO₂ emissions per unit of primary energy consumption (t-C/toe)	0.76	0.62	0.63	0.56	0.54						-1.3	0.3	-1.1	-0.4	-0.6

KOREA [APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	88.7	218.5	232.1	277.1	291.5	100	100	100	100	100	6.2	1.2	1.8	0.5
Coal	23.2	52.0	62.2	63.5	44.9	26.1	23.8	26.8	22.9	15.4	5.5	3.6	0.2	-3.4	-0.6
Oil	47.7	96.5	96.0	99.1	94.2	53.8	44.2	41.3	35.8	32.3	4.8	-0.1	0.3	-0.5	-0.1
Natural gas	2.7	27.3	32.3	30.8	32.6	3.1	12.5	13.9	11.1	11.2	16.6	3.4	-0.5	0.5	0.7
Nuclear	13.8	38.3	34.8	66.3	87.0	15.5	17.5	15.0	23.9	29.8	7.0	-1.9	6.7	2.8	3.3
Hydro	0.5	0.4	0.5	0.8	0.8	0.6	0.2	0.2	0.3	0.3	-1.3	2.4	5.0	0.0	2.5
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.8	4.0	6.4	16.6	32.1	0.9	1.8	2.7	6.0	11.0	11.3	10.0	10.0	6.8	8.7

Final energy consumption	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	72.0	163.0	176.0	197.0	199.0	100	100	100	100	100	5.6	1.5	1.1	0.1
Industry	27.0	54.0	57.0	61.0	61.0	37.5	33.1	32.4	31.0	30.7	4.7	1.1	0.7	0.0	0.5
Transportation	14.2	34.0	37.0	38.0	37.0	19.7	20.9	21.0	19.3	18.6	6.0	1.7	0.3	-0.3	0.3
Others	24.8	39.0	41.0	47.0	49.0	34.4	23.9	23.3	23.9	24.6	3.1	1.0	1.4	0.4	0.9
Non-energy	6.0	36.0	41.0	51.0	52.0	8.3	22.1	23.3	25.9	26.1	12.7	2.6	2.2	0.2	1.5
by Energy															
Total	71.8	163.1	175.7	197.0	199.1	100	100	100	100	100	5.6	1.5	1.2	0.1	0.8
Coal	18.9	21.2	24.1	19.7	7.8	26.3	13.0	13.7	10.0	3.9	0.8	2.6	-2.0	-8.9	-3.9
Oil	43.0	91.9	92.9	97.7	93.7	59.9	56.3	52.9	49.6	47.1	5.2	0.2	0.5	-0.4	0.1
Natural gas	0.9	16.0	21.0	24.3	26.7	1.3	9.8	11.9	12.3	13.4	21.1	5.5	1.5	1.0	2.1
Electricity	8.1	28.6	30.3	40.6	44.1	11.3	17.5	17.3	20.6	22.2	8.8	1.2	2.9	0.8	1.8
Heat	0.1	1.5	1.7	2.7	3.4	0.1	0.9	0.9	1.4	1.7	22.3	1.6	4.9	2.4	3.2
Others	0.8	3.9	5.7	12.0	23.4	1.1	2.4	3.3	6.1	11.7	11.2	8.0	7.7	6.9	7.4

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	107.7	361.9	425.7	513.1	558.1	100	100	100	100	100	8.4	3.3	1.9	0.8
Coal	20.0	133.7	184.9	214.2	163.0	18.5	36.9	43.4	41.8	29.2	13.5	6.7	1.5	-2.7	0.8
Oil	18.9	17.7	20.4	3.2	1.1	17.5	4.9	4.8	0.6	0.2	-0.4	2.8	-17.0	-10.3	-10.7
Natural gas	9.6	58.1	70.0	16.8	5.4	8.9	16.1	16.4	3.3	1.0	12.8	3.8	-13.3	-10.7	-9.1
Nuclear	52.9	146.8	147.5	254.3	333.7	49.1	40.6	34.7	49.6	59.8	7.0	0.1	5.6	2.8	3.3
Hydro	6.4	5.2	1.9	2.4	2.4	5.9	1.4	0.4	0.5	0.4	-1.3	-18.5	2.5	0.0	-3.1
Geothermal	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	1.0	22.2	52.6	0.0	0.1	0.2	4.3	9.4	-	19.7	36.4	9.0	21.5

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	10.6	44.7	57.0	47.5	35.0	100	100	100	100	100	10.1	5.0	-1.8	-3.0
Coal	4.4	30.9	37.5	43.2	33.6	41.4	69.0	65.7	91.0	96.1	13.9	4.0	1.4	-2.5	0.3
Oil	4.2	4.1	7.7	1.4	0.5	39.5	9.1	13.4	2.9	1.3	-0.2	13.5	-15.8	-10.2	-8.3
Natural gas	2.0	9.8	11.9	2.9	0.9	19.1	21.9	20.9	6.1	2.6	11.1	4.0	-13.1	-10.9	-9.0

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	39.4	40.3	41.5	42.4	41.6						0.1	0.6	0.2	-0.2
Coal	39.3	37.3	42.4	42.6	41.7						-0.3	2.6	0.0	-0.2	0.4
Oil	38.9	37.4	22.8	19.9	19.7						-0.3	-9.4	-1.4	-0.1	-2.5
Natural gas	40.9	51.1	50.6	49.5	50.6						1.5	-0.2	-0.2	0.2	0.0

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	67.6	136.0	146.3	151.2	128.8						4.8	1.5	0.3	-1.6

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	GDP (billions of 2000 US dollars)	284	640	811	1,235	1,624						5.6	4.9	4.3	2.8
Population (millions of people)	42.9	48.1	48.9	49.3	48.6						0.8	0.3	0.1	-0.1	0.0
GDP per capita (thousands of 2000 USD/person)	6.6	13.3	16.6	25.0	33.4						4.8	4.5	4.2	2.9	3.8
Primary energy consumption per capita (toe/person)	2.1	4.5	4.7	5.6	6.0						5.4	0.9	1.7	0.6	1.1
Primary energy consumption per unit of GDP (toe/million 2000 U)	313	342	286	224	179						0.6	-3.5	-2.4	-2.2	-2.5
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	238	213	181	122	79						-0.8	-3.2	-3.8	-4.2	-3.9
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.76	0.62	0.63	0.55	0.44						-1.3	0.3	-1.4	-2.1	-1.4

LAO PDR [BAU]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.3	0.6	0.8	3.8	5.9	100	100	100	100	100	4.9	7.7	16.4	4.4	9.7
Coal	0.0	0.0	0.1	3.3	3.6	0.0	5.1	7.7	86.1	61.1	-	16.8	48.2	0.8	21.1
Oil	0.2	0.4	0.5	1.1	2.2	79.3	62.5	60.1	27.5	37.4	3.3	6.9	7.7	7.6	7.5
Natural gas	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	-	-	-	-	-
Hydro	0.1	0.3	1.2	4.1	4.1	25.2	52.4	145.9	107.5	70.2	10.2	32.2	12.9	0.0	11.0
Geothermal	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	-1.0	-4.6	-4.0	-4.5	-20.0	-113.7	-121.1	-68.7	15.9	52.5	17.1	-1.4	15.3

Final energy consumption	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.3	0.5	0.8	1.7	3.5	100	100	100	100	100	4.7	7.5	7.9	7.8	7.8
Industry	0.0	0.1	0.2	0.4	0.9	14.3	21.7	22.5	23.6	24.8	7.6	8.3	8.4	8.3	8.4
Transportation	0.2	0.4	0.5	1.0	2.1	72.0	65.5	63.7	61.9	60.7	4.0	7.0	7.6	7.6	7.5
Others	0.0	0.1	0.1	0.2	0.5	13.7	12.8	13.8	14.5	14.5	4.2	9.1	8.5	7.7	8.3
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
by Energy															
Total	0.3	0.5	0.8	1.7	3.5	100	100	100	100	100	4.7	7.5	7.9	7.8	7.8
Coal	0.0	0.0	0.1	0.2	0.5	0.0	5.5	8.3	11.6	13.6	-	16.8	11.6	9.5	11.8
Oil	0.2	0.4	0.5	1.1	2.2	81.3	66.8	64.8	63.4	62.4	3.3	6.9	7.7	7.6	7.5
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Electricity	0.0	0.1	0.1	0.3	0.8	5.2	16.1	18.4	20.7	21.7	12.9	10.4	9.2	8.3	9.1
Heat	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	0.1	0.1	0.1	13.5	11.5	8.4	4.3	2.3	3.6	1.0	1.0	1.0	1.0

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.8	3.5	14.2	60.4	60.4	100	100	100	100	100	10.2	32.2	15.6	0.0	12.1
Coal	0.0	0.0	0.0	12.6	12.6	0.0	0.0	0.0	20.9	20.9	-	-	-	0.0	-
Oil	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	-	-	-	-	-
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	0.8	2.7	10.8	36.4	36.4	97.5	76.9	76.1	60.3	60.3	8.4	32.0	12.9	0.0	11.0
Geothermal	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	-	-	-	-	-

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.0	0.0	0.0	3.1	3.1				100	100	-	-	-	0.0	-
Coal	0.0	0.0	0.0	3.1	3.1				100.0	100.0	-	-	-	0.0	-
Oil	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	-	-	-	-	-

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total				35.0	35.0						-	-	-	0.0	-
Coal				35.0	35.0						-	-	-	0.0	-
Oil											-	-	-	-	-
Natural gas											-	-	-	-	-

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.2	0.3	0.5	4.6	5.9						4.1	8.1	25.2	2.5	12.2

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	0.9	2.4	3.4	7.0	14.3						6.3	7.5	7.5	7.5	7.5
Population (millions of people)	4.1	5.7	6.0	7.0	9.0						2.2	1.2	1.6	2.5	1.9
GDP per capita (thousands of 2000 USD/person)	0.2	0.4	0.6	1.0	1.6						4.0	6.3	5.9	4.8	5.5
Primary energy consumption per capita (toe/person)	0.1	0.1	0.1	0.5	0.7						2.6	6.5	14.6	1.8	7.7
Primary energy consumption per unit of GDP (toe/million 2000 U	297	245	248	550	409						-1.3	0.2	8.3	-2.9	2.1
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	193	140	144	660	408						-2.1	0.5	16.4	-4.7	4.4
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.65	0.57	0.58	1.20	1.00						-0.8	0.3	7.5	-1.8	2.3

LAO PDR [APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.3	0.6	0.8	3.8	5.9	100	100	100	100	100	4.9	7.7	16.4	4.4	9.7
Coal	0.0	0.0	0.1	3.3	3.6	0.0	5.1	7.7	86.1	61.1	-	16.8	48.2	0.8	21.1
Oil	0.2	0.4	0.5	1.1	2.2	79.3	62.5	60.1	27.5	37.4	3.3	6.9	7.7	7.6	7.5
Natural gas	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	-	-	-	-	-
Hydro	0.1	0.3	1.2	4.1	4.1	25.2	52.4	146.0	107.5	70.2	10.2	32.2	12.9	0.0	11.0
Geothermal	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	-1.0	-4.6	-4.0	-4.5	-20.0	-113.8	-121.2	-68.7	15.9	52.5	17.1	-1.4	15.3

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.3	0.5	0.8	1.7	3.5	100	100	100	100	100	4.7	7.5	7.9	7.8	7.8
Industry	0.0	0.1	0.2	0.4	0.9	14.3	21.7	22.5	23.6	24.8	7.6	8.3	8.4	8.3	8.4
Transportation	0.2	0.4	0.5	1.0	2.1	72.0	65.5	63.7	61.9	60.7	4.0	7.0	7.6	7.6	7.5
Others	0.0	0.1	0.1	0.2	0.5	13.7	12.8	13.8	14.5	14.5	4.2	9.1	8.5	7.8	8.3
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
by Energy															
Total	0.3	0.5	0.8	1.7	3.5	100	100	100	100	100	4.7	7.5	7.9	7.8	7.8
Coal	0.0	0.0	0.1	0.2	0.5	0.0	5.5	8.3	11.6	13.6	-	16.8	11.6	9.5	11.8
Oil	0.2	0.4	0.5	1.1	2.2	81.3	66.8	64.9	63.4	62.4	3.3	6.9	7.7	7.6	7.5
Natural gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Electricity	0.0	0.1	0.1	0.3	0.8	5.2	16.1	18.4	20.7	21.7	12.9	10.4	9.2	8.3	9.1
Heat	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	0.1	0.1	0.1	13.5	11.5	8.4	4.3	2.3	3.6	1.0	1.0	1.0	1.0

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.8	3.5	14.2	60.4	60.4	100	100	100	100	100	10.2	32.2	15.6	0.0	12.1
Coal	0.0	0.0	0.0	12.6	12.6	0.0	0.0	0.0	20.9	20.9	-	-	-	0.0	-
Oil	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	-	-	-	-	-
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	0.8	2.7	10.8	36.4	36.4	97.5	76.9	76.1	60.3	60.3	8.4	32.0	12.9	0.0	11.0
Geothermal	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	-	-	-	-	-

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.0	0.0	0.0	3.1	3.1				100	100	-	-	-	0.0	-
Coal	0.0	0.0	0.0	3.1	3.1				100.0	100.0	-	-	-	0.0	-
Oil	0.0	0.0	0.0	0.0	0.0						-	-	-	-	-
Natural gas	0.0	0.0	0.0	0.0	0.0						-	-	-	-	-

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total				35.0	35.0						-	-	-	0.0	-
Coal				35.0	35.0						-	-	-	0.0	-
Oil											-	-	-	-	-
Natural gas											-	-	-	-	-

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.2	0.3	0.5	4.6	5.9						4.1	8.1	25.2	2.5	12.2

Energy and economic indicators						AAGR(%)				
	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	0.9	2.4	3.4	7.0	14.3	6.3	7.5	7.5	7.5	7.5
Population (millions of people)	4.1	5.7	6.0	7.0	9.0	2.2	1.2	1.6	2.5	1.9
GDP per capita (thousands of 2000 USD/person)	0.2	0.4	0.6	1.0	1.6	4.0	6.3	5.9	4.8	5.5
Primary energy consumption per capita (toe/person)	0.1	0.1	0.1	0.5	0.7	2.6	6.5	14.6	1.8	7.7
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	297	245	248	549	408	-1.3	0.2	8.3	-2.9	2.1
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	193	140	144	660	408	-2.1	0.5	16.4	-4.7	4.4
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.65	0.57	0.58	1.20	1.00	-0.8	0.3	7.5	-1.8	2.3

MALAYSIA [BAU]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	21.3	58.6	64.6	103.1	158.8	100	100	100	100	100	7.0	2.0	4.8	4.4
Coal	1.0	5.9	11.4	20.5	34.8	4.9	10.0	17.7	19.9	21.9	12.2	14.3	6.0	5.4	7.4
Oil	13.0	26.5	34.0	51.6	74.8	61.2	45.3	52.7	50.1	47.1	4.9	5.1	4.3	3.8	4.2
Natural gas	6.8	25.6	18.1	29.2	47.4	32.0	43.7	28.0	28.3	29.9	9.2	-6.7	4.9	5.0	2.5
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	0.3	0.5	1.0	1.6	1.6	1.6	0.8	1.5	1.5	1.0	2.5	14.2	4.9	0.0	4.7
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.2	0.2	0.2	2.9	3.8	4.1	4.1	4.0

Final energy consumption	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	13.3	37.6	47.0	75.9	117.9	100	100	100	100	100	7.2	4.6	4.9	4.5
Industry	5.3	15.0	19.2	31.3	49.1	39.8	39.8	40.8	41.3	41.7	7.2	5.1	5.0	4.6	4.9
Transportation	5.5	15.3	18.7	30.0	46.2	41.3	40.8	39.8	39.5	39.1	7.1	4.1	4.8	4.4	4.5
Others	1.7	5.2	6.8	11.5	18.8	12.5	13.9	14.4	15.2	16.0	7.9	5.3	5.5	5.0	5.3
Non-energy	0.8	2.1	2.3	3.0	3.8	6.3	5.6	4.9	4.0	3.2	6.3	2.0	2.7	2.2	2.4
by Energy															
Total	13.3	37.6	47.0	75.9	117.9	100	100	100	100	100	7.2	4.6	4.9	4.5	4.7
Coal	0.4	1.1	1.6	2.9	4.7	3.1	3.0	3.4	3.8	4.0	7.0	7.2	6.0	4.9	5.8
Oil	10.0	23.0	28.3	43.0	63.5	75.3	61.1	60.1	56.7	53.8	5.7	4.2	4.3	4.0	4.1
Natural gas	1.1	6.4	7.9	14.0	23.4	8.2	17.1	16.8	18.5	19.9	12.5	4.3	5.9	5.3	5.3
Electricity	1.7	6.9	9.1	15.8	26.1	12.9	18.5	19.3	20.8	22.1	9.8	5.6	5.6	5.2	5.4
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.1	0.1	0.1	0.2	0.3	0.5	0.2	0.2	0.2	0.2	2.4	3.8	4.1	4.1	4.0

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	23.0	87.3	114.5	198.4	328.0	100	100	100	100	100	9.3	5.6	5.6	5.2
Coal	2.8	23.1	48.4	88.2	160.6	12.2	26.5	42.3	44.5	49.0	15.1	15.9	6.2	6.2	8.1
Oil	11.1	2.5	2.8	3.2	3.1	48.3	2.9	2.4	1.6	0.9	-9.5	2.3	1.5	-0.4	0.9
Natural gas	5.1	55.9	52.1	88.8	146.2	22.2	64.0	45.5	44.8	44.6	17.3	-1.4	5.5	5.1	3.9
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	4.0	5.8	11.2	18.2	18.2	17.4	6.6	9.8	9.2	5.5	2.5	14.2	4.9	0.0	4.7
Geothermal	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	-	-	-	-	-

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	5.0	17.5	20.6	33.5	54.8	100	100	100	100	100	8.7	3.3	5.0	5.1
Coal	0.6	4.7	9.8	17.6	30.1	12.5	26.9	47.6	52.6	55.0	14.5	15.8	6.0	5.5	7.7
Oil	3.0	0.6	0.6	0.7	0.7	60.2	3.3	3.1	2.1	1.2	-10.4	2.1	1.2	-0.7	0.6
Natural gas	1.4	12.2	10.2	15.2	24.0	27.3	69.8	49.3	45.3	43.8	15.8	-3.6	4.1	4.7	2.7

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	32.8	40.1	43.2	46.3	48.6						1.3	1.5	0.7	0.5
Coal	38.7	42.2	42.5	43.1	45.8						0.6	0.1	0.1	0.6	0.3
Oil	31.9	37.2	37.6	38.9	39.9						1.0	0.2	0.3	0.3	0.3
Natural gas	32.2	39.4	44.1	50.4	52.4						1.3	2.3	1.3	0.4	1.2

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	12.9	41.0	46.2	74.8	118.0						8.0	2.4	4.9	4.7

Energy and economic indicators						AAGR(%)				
	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	GDP (billions of 2000 US dollars)	45.5	112.5	135.2	230.9	358.6	6.2	3.7	5.5	4.5
Population (millions of people)	17.8	25.3	27.8	32.9	38.1	2.4	1.9	1.7	1.5	1.6
GDP per capita (thousands of 2000 USD/person)	2.6	4.4	4.9	7.0	9.4	3.8	1.8	3.8	3.0	3.1
Primary energy consumption per capita (toe/person)	1.2	2.3	2.3	3.1	4.2	4.5	0.1	3.0	2.9	2.4
Primary energy consumption per unit of GDP (toe/million 2000 U)	468	521	478	446	443	0.7	-1.7	-0.7	-0.1	-0.6
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	284	365	341	324	329	1.7	-1.3	-0.5	0.2	-0.4
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.61	0.70	0.71	0.73	0.74	0.9	0.4	0.2	0.2	0.2

MALAYSIA [APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	21.3	58.6	64.4	100.2	147.4	100	100	100	100	100	7.0	1.9	4.5	3.9	3.8
Coal	1.0	5.9	10.7	18.0	27.4	4.9	10.0	16.7	18.0	18.6	12.2	12.9	5.3	4.3	6.4
Oil	13.0	26.5	33.8	50.3	72.3	61.2	45.3	52.5	50.2	49.0	4.9	5.0	4.0	3.7	4.1
Natural gas	6.8	25.6	17.9	27.1	39.5	32.0	43.7	27.8	27.0	26.8	9.2	-6.9	4.2	3.8	1.7
Nuclear	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.9	-	-	-	-	-
Hydro	0.3	0.5	1.0	1.7	1.8	1.6	0.8	1.6	1.7	1.2	2.5	15.1	5.2	0.4	5.2
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.1	0.1	0.9	3.1	5.1	0.3	0.2	1.4	3.1	3.5	2.9	57.4	13.1	5.0	17.3

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	13.3	37.6	46.8	73.5	109.0	100	100	100	100	100	7.2	4.5	4.6	4.0	4.3
Industry	5.3	15.0	19.0	29.4	42.2	39.8	39.8	40.5	39.9	38.7	7.2	4.9	4.5	3.7	4.2
Transportation	5.5	15.3	18.7	30.0	46.2	41.3	40.8	40.1	40.8	42.3	7.1	4.1	4.8	4.4	4.5
Others	1.7	5.2	6.8	11.1	16.9	12.5	13.9	14.4	15.1	15.5	7.9	5.2	5.1	4.3	4.8
Non-energy	0.8	2.1	2.3	3.0	3.8	6.3	5.6	4.9	4.1	3.5	6.3	2.0	2.7	2.2	2.4
by Energy															
Total	13.3	37.6	46.8	73.5	109.0	100	100	100	100	100	7.2	4.5	4.6	4.0	4.3
Coal	0.4	1.1	1.6	2.7	4.0	3.1	3.0	3.4	3.7	3.6	7.0	7.1	5.4	3.8	5.1
Oil	10.0	23.0	28.1	41.7	60.9	75.3	61.1	60.0	56.7	55.9	5.7	4.1	4.0	3.9	4.0
Natural gas	1.1	6.4	7.9	13.4	20.5	8.2	17.1	16.9	18.2	18.8	12.5	4.2	5.4	4.3	4.7
Electricity	1.7	6.9	9.1	15.0	22.6	12.9	18.5	19.4	20.4	20.7	9.8	5.5	5.1	4.2	4.8
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.1	0.1	0.1	0.7	1.1	0.5	0.2	0.2	1.0	1.0	2.4	3.8	20.1	4.7	10.4

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	23.0	87.3	114.0	188.0	283.8	100	100	100	100	100	9.3	5.5	5.1	4.2	4.8
Coal	2.8	23.1	45.1	76.6	125.0	12.3	26.5	39.6	40.7	44.1	15.0	14.3	5.4	5.0	7.0
Oil	11.1	2.5	2.7	3.3	3.1	48.4	2.9	2.4	1.7	1.1	-9.5	2.0	1.8	-0.5	0.9
Natural gas	5.1	55.9	51.5	79.8	115.3	22.0	64.0	45.1	42.4	40.6	17.4	-1.6	4.5	3.8	2.9
Nuclear	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	1.8	-	-	-	-	-
Hydro	4.0	5.8	11.7	19.5	20.4	17.3	6.6	10.2	10.4	7.2	2.5	15.1	5.2	0.4	5.2
Geothermal	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	3.0	8.9	14.8	0.0	0.0	2.6	4.7	5.2	-	-	11.6	5.2	-

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	5.0	17.5	19.8	29.7	43.2	100	100	100	100	100	8.7	2.5	4.1	3.8	3.7
Coal	0.6	4.7	9.1	15.3	23.5	12.5	26.9	46.1	51.5	54.3	14.5	14.1	5.3	4.4	6.6
Oil	3.0	0.6	0.6	0.7	0.7	60.2	3.3	3.2	2.5	1.6	-10.4	1.8	1.5	-0.8	0.6
Natural gas	1.4	12.2	10.0	13.7	19.1	27.3	69.8	50.7	46.1	44.1	15.8	-3.9	3.2	3.4	1.8

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	32.9	40.1	43.2	46.2	48.5						1.3	1.5	0.7	0.5	0.8
Coal	39.1	42.2	42.5	43.1	45.8						0.5	0.1	0.1	0.6	0.3
Oil	32.0	37.2	37.5	38.9	39.9						1.0	0.2	0.4	0.3	0.3
Natural gas	32.0	39.4	44.1	50.1	52.0						1.4	2.3	1.3	0.4	1.1

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	12.9	40.7	45.2	69.6	102.9						8.0	2.1	4.4	4.0	3.8

Energy and economic indicators						AAGR(%)				
	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	45.5	112.5	135.2	230.9	358.6	6.2	3.7	5.5	4.5	4.7
Population (millions of people)	17.8	25.3	27.8	32.9	38.1	2.4	1.9	1.7	1.5	1.6
GDP per capita (thousands of 2000 USD/person)	2.6	4.4	4.9	7.0	9.4	3.8	1.8	3.8	3.0	3.1
Primary energy consumption per capita (toe/person)	1.2	2.3	2.3	3.0	3.9	4.5	0.0	2.8	2.4	2.1
Primary energy consumption per unit of GDP (toe/million 2000 U)	468	521	477	434	411	0.7	-1.8	-0.9	-0.5	-0.9
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	284	362	334	301	287	1.6	-1.6	-1.0	-0.5	-0.9
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.61	0.70	0.70	0.69	0.70	0.9	0.2	-0.1	0.0	0.0

MYANMAR [BAU]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	2.0	4.3	6.7	13.8	27.3	100	100	100	100	100	5.4	9.3	7.5	7.1
Coal	0.1	0.1	0.2	1.3	3.8	3.4	2.2	2.3	9.2	13.9	2.4	10.4	23.3	11.6	15.9
Oil	0.7	2.0	3.3	6.9	13.9	37.4	47.0	48.8	50.2	51.0	7.0	10.1	7.8	7.2	8.0
Natural gas	0.8	1.6	2.3	3.7	5.9	38.6	37.7	34.9	26.6	21.6	5.2	7.7	4.6	4.8	5.3
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	0.1	0.3	0.6	1.6	3.2	5.2	6.0	9.1	11.2	11.7	6.3	18.9	9.7	7.5	10.6
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.3	0.3	0.3	0.4	0.5	15.4	7.1	4.8	2.7	1.8	0.0	1.3	1.6	2.6	1.9

Final energy consumption	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	1.3	3.3	5.4	11.4	23.1	100	100	100	100	100	6.3	10.2	7.8	7.3
Industry	0.7	1.1	1.6	3.4	7.0	52.8	31.9	29.7	29.7	30.3	2.8	8.7	7.8	7.5	7.9
Transportation	0.5	1.3	2.4	5.4	11.4	34.1	40.4	44.3	47.4	49.2	7.5	12.3	8.6	7.7	8.9
Others	0.1	0.8	1.1	2.1	4.0	6.0	23.6	20.7	18.7	17.4	16.4	7.4	6.7	6.6	6.8
Non-energy	0.1	0.1	0.3	0.5	0.7	7.1	4.2	5.2	4.2	3.1	2.6	15.1	5.5	4.3	6.8
by Energy															
Total	1.3	3.3	5.4	11.4	23.1	100	100	100	100	100	6.3	10.2	7.8	7.3	8.1
Coal	0.1	0.1	0.2	0.4	0.8	3.9	2.9	2.9	3.1	3.3	4.3	10.4	8.6	7.7	8.6
Oil	0.6	1.8	3.0	6.5	13.4	44.9	53.0	55.2	57.0	58.0	7.5	11.1	8.2	7.5	8.5
Natural gas	0.2	0.8	1.3	2.6	4.8	17.0	25.4	24.7	22.6	20.6	9.2	9.6	6.9	6.3	7.2
Electricity	0.1	0.3	0.6	1.6	3.7	11.3	9.5	11.1	13.9	15.9	5.1	13.7	10.3	8.7	10.3
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.3	0.3	0.3	0.4	0.5	23.0	9.2	6.0	3.3	2.1	0.0	1.3	1.6	2.6	1.9

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	2.5	6.0	10.7	25.6	53.5	100	100	100	100	100	6.1	12.3	9.1	7.6
Coal	0.0	0.0	0.0	3.7	12.4	1.6	0.0	0.0	14.5	23.2	-100.0	-	-	12.8	-
Oil	0.3	0.6	0.5	0.6	0.6	10.9	10.3	4.9	2.2	1.0	5.7	-3.1	0.5	0.0	-0.4
Natural gas	1.0	2.4	3.1	3.2	3.2	39.3	39.8	28.7	12.7	6.1	6.2	5.2	0.5	0.0	1.2
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	1.2	3.0	7.1	18.1	37.3	48.1	49.8	66.4	70.6	69.7	6.3	18.9	9.7	7.5	10.6
Geothermal	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	-	-	-	-	-

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	0.5	0.9	1.1	2.1	4.2	100	100	100	100	100	3.9	3.9	6.6	7.4
Coal	0.0	0.0	0.0	0.9	3.0	2.4	0.0	0.0	44.3	72.6	-100.0	-	-	12.8	-
Oil	0.1	0.2	0.1	0.1	0.1	12.6	17.6	12.4	6.9	3.4	6.2	-3.1	0.5	0.0	-0.4
Natural gas	0.4	0.7	1.0	1.0	1.0	85.0	82.4	87.6	48.8	24.0	3.7	5.2	0.5	0.0	1.2

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	21.6	28.8	28.5	31.4	33.2						1.9	-0.2	1.0	0.6
Coal	28.0			35.0	35.0						-100.0	-	-	0.0	-
Oil	36.2	33.6	33.7	33.6	33.7						-0.5	0.0	0.0	0.0	0.0
Natural gas	19.3	27.7	27.7	27.7	27.7						2.4	0.0	0.0	0.0	0.0

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	1.1	2.7	4.2	9.2	19.0						6.3	9.0	8.1	7.6

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	GDP (billions of 2000 US dollars)	3.7	13.3	24.7	62.9	139.5						9.0	13.1	9.8	8.3
Population (millions of people)	40.1	48.0	50.7	56.0	60.6						1.2	1.1	1.0	0.8	0.9
GDP per capita (thousands of 2000 USD/person)	0.1	0.3	0.5	1.1	2.3						7.7	11.9	8.7	7.4	8.8
Primary energy consumption per capita (toe/person)	0.0	0.1	0.1	0.2	0.5						4.1	8.1	6.4	6.2	6.7
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	535	323	273	220	196						-3.3	-3.3	-2.1	-1.2	-2.0
CO₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	294	204	169	146	136						-2.4	-3.6	-1.5	-0.7	-1.6
CO₂ emissions per unit of primary energy consumption (t-C/toe)	0.55	0.63	0.62	0.66	0.70						0.9	-0.3	0.6	0.5	0.4

MYANMAR [APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	2.0	4.3	6.7	13.3	26.0	100	100	100	100	100	5.4	9.3	7.0	6.9	7.5
Coal	0.1	0.1	0.2	1.2	3.6	3.4	2.2	2.3	9.3	13.9	2.4	10.4	22.9	11.4	15.6
Oil	0.7	2.0	3.3	6.5	13.0	37.4	47.0	48.7	49.1	50.0	7.0	10.1	7.1	7.1	7.7
Natural gas	0.8	1.6	2.4	3.5	5.6	38.6	37.7	35.3	26.6	21.4	5.2	7.9	4.0	4.6	5.0
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	0.1	0.3	0.6	1.4	2.8	5.2	6.0	8.8	10.3	10.7	6.3	18.2	8.7	7.3	10.0
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.3	0.3	0.3	0.6	1.1	15.4	7.1	4.8	4.7	4.1	0.0	1.3	6.8	5.4	5.1

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	1.3	3.3	5.4	10.9	21.9	100	100	100	100	100	6.3	10.1	7.4	7.2	7.9
Industry	0.7	1.1	1.6	3.0	6.2	52.8	31.9	29.8	27.6	28.3	2.8	8.7	6.6	7.5	7.4
Transportation	0.5	1.3	2.4	5.4	11.2	34.1	40.4	44.3	49.1	51.0	7.5	12.2	8.5	7.6	8.9
Others	0.1	0.8	1.1	2.1	3.8	6.0	23.6	20.6	18.9	17.3	16.4	7.3	6.5	6.3	6.5
Non-energy	0.1	0.1	0.3	0.5	0.7	7.1	4.2	5.2	4.4	3.3	2.6	15.1	5.5	4.3	6.8
by Energy															
Total	1.3	3.3	5.4	10.9	21.9	100	100	100	100	100	6.3	10.1	7.4	7.2	7.9
Coal	0.1	0.1	0.2	0.3	0.7	3.9	2.9	2.9	3.0	3.1	4.3	10.4	7.6	7.7	8.2
Oil	0.6	1.8	3.0	6.1	12.4	44.9	53.0	55.2	55.8	56.8	7.5	11.0	7.5	7.4	8.2
Natural gas	0.2	0.8	1.3	2.4	4.5	17.0	25.4	24.8	22.3	20.3	9.2	9.6	6.2	6.2	6.9
Electricity	0.1	0.3	0.6	1.4	3.3	11.3	9.5	11.0	13.3	15.0	5.1	13.4	9.4	8.5	9.8
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.3	0.3	0.3	0.6	1.1	23.0	9.2	6.0	5.7	4.8	0.0	1.3	6.8	5.4	5.1

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	2.5	6.0	10.6	23.3	47.7	100	100	100	100	100	6.1	12.1	8.2	7.4	8.6
Coal	0.0	0.0	0.0	3.7	11.9	1.6	0.0	0.0	15.8	24.9	-100.0	-	-	12.4	-
Oil	0.3	0.6	0.5	0.6	0.5	10.9	10.3	5.1	2.4	1.1	5.7	-2.5	0.1	-0.3	-0.6
Natural gas	1.0	2.4	3.2	3.2	3.1	39.3	39.8	29.9	13.8	6.5	6.2	5.8	0.1	-0.3	1.1
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	1.2	3.0	6.9	15.9	32.2	48.1	49.8	65.0	68.0	67.4	6.3	18.2	8.7	7.3	10.0
Geothermal	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	-	-	-	-	-

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	0.5	0.9	1.1	2.0	4.0	100	100	100	100	100	3.9	4.5	6.1	7.0	6.2
Coal	0.0	0.0	0.0	0.9	2.9	2.4	0.0	0.0	44.3	72.6	-100.0	-	-	12.4	-
Oil	0.1	0.2	0.1	0.1	0.1	12.6	17.6	12.4	6.9	3.4	6.2	-2.5	0.1	-0.3	-0.6
Natural gas	0.4	0.7	1.0	1.0	1.0	85.0	82.4	87.6	48.8	24.0	3.7	5.8	0.1	-0.3	1.1

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	21.6	28.8	28.5	31.4	33.2						1.9	-0.2	1.0	0.6	0.6
Coal	28.0			35.0	35.0						-100.0	-	-	0.0	-
Oil	36.2	33.6	33.6	33.7	33.6						-0.5	0.0	0.0	0.0	0.0
Natural gas	19.3	27.7	27.7	27.7	27.7						2.4	0.0	0.0	0.0	0.0

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	1.1	2.7	4.2	8.7	17.8						6.3	9.1	7.5	7.5	7.8

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)						3.7	13.3	24.7	62.9	139.5	9.0	13.1	9.8	8.3	9.8
Population (millions of people)						40.1	48.0	50.7	56.0	60.6	1.2	1.1	1.0	0.8	0.9
GDP per capita (thousands of 2000 USD/person)						0.1	0.3	0.5	1.1	2.3	7.7	11.9	8.7	7.4	8.8
Primary energy consumption per capita (toe/person)						0.0	0.1	0.1	0.2	0.4	4.1	8.1	6.0	6.1	6.4
Primary energy consumption per unit of GDP (toe/million 2000 U						535	323	273	211	186	-3.3	-3.3	-2.5	-1.3	-2.2
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)						294	204	170	138	127	-2.4	-3.6	-2.1	-0.8	-1.9
CO ₂ emissions per unit of primary energy consumption (t-C/toe)						0.55	0.63	0.62	0.65	0.68	0.9	-0.2	0.5	0.5	0.3

NEW ZEALAND [BAU]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	13.8	16.9	17.9	22.0	24.5	100	100	100	100	100	1.4	1.2	2.1	1.1	1.5
Coal	1.1	2.0	1.3	0.8	1.6	8.2	11.8	7.0	3.4	6.3	3.9	-9.0	-4.9	7.4	-1.0
Oil	4.0	6.8	7.1	8.1	8.6	28.8	40.3	39.4	36.8	34.9	3.7	0.7	1.4	0.6	0.9
Natural gas	3.9	3.2	3.5	4.0	3.4	28.3	18.9	19.4	18.3	13.8	-1.3	1.7	1.5	-1.7	0.2
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	2.0	2.0	2.3	2.4	2.7	14.6	11.9	13.0	10.7	10.8	0.0	2.9	0.1	1.2	1.1
Geothermal	2.2	1.9	2.7	5.4	6.8	16.1	11.4	15.0	24.5	27.8	-0.9	6.8	7.2	2.4	5.2
Others	0.5	0.9	1.1	1.4	1.6	4.0	5.6	6.2	6.3	6.4	3.7	3.4	2.2	1.3	2.1

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	9.5	12.7	13.0	14.6	15.7	100	100	100	100	100	2.0	0.5	1.2	0.7	0.8
Industry	3.4	3.7	4.0	4.6	5.1	36.2	29.3	30.7	31.2	32.6	0.5	1.4	1.3	1.1	1.3
Transportation	3.4	5.6	5.4	6.0	6.3	36.1	44.2	41.5	41.4	40.2	3.4	-0.8	1.1	0.4	0.5
Others	2.3	3.1	3.3	3.7	3.9	24.4	24.3	25.6	25.2	25.0	1.9	1.5	1.0	0.6	0.9
Non-energy	0.3	0.3	0.3	0.3	0.3	3.3	2.2	2.2	2.2	2.2	-0.7	0.5	1.2	0.7	0.8
by Energy															
Total	9.5	12.7	13.0	14.6	15.7	100	100	100	100	100	2.0	0.5	1.2	0.7	0.8
Coal	0.7	0.5	0.5	0.4	0.4	7.1	3.8	3.5	3.0	2.8	-2.2	-1.3	-0.3	-0.1	-0.4
Oil	4.4	6.8	6.6	7.3	7.6	46.6	53.4	50.5	49.8	48.4	2.9	-0.6	1.0	0.4	0.4
Natural gas	1.3	1.4	1.5	1.7	1.9	13.6	10.7	11.4	11.7	12.1	0.4	1.7	1.4	1.0	1.3
Electricity	2.4	3.2	3.5	4.0	4.5	25.1	25.0	26.8	27.6	28.9	1.9	1.9	1.5	1.2	1.4
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.7	0.9	1.0	1.1	1.2	7.6	7.1	7.8	7.8	7.8	1.5	2.4	1.2	0.7	1.2

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	32.3	42.9	47.1	54.5	61.2	100	100	100	100	100	1.9	1.9	1.5	1.2	1.4
Coal	0.6	5.8	3.2	1.3	4.6	1.9	13.6	6.9	2.5	7.6	16.2	-11.0	-8.4	13.2	-0.9
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4.5	-100.0	-	-	-100.0
Natural gas	5.7	9.5	10.4	12.4	8.0	17.6	22.1	22.1	22.7	13.1	3.5	1.9	1.8	-4.2	-0.7
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	23.3	23.5	27.0	27.4	30.9	72.3	54.7	57.4	50.3	50.5	0.0	2.9	0.1	1.2	1.1
Geothermal	2.2	2.9	4.2	9.0	11.6	6.9	6.6	8.9	16.6	18.9	1.7	8.0	8.0	2.5	5.8
Others	0.4	1.3	2.2	4.3	6.0	1.3	3.0	4.7	7.9	9.9	8.0	11.3	6.9	3.4	6.4

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	1.4	3.2	2.7	2.5	2.5	100	100	100	100	100	5.5	-3.7	-0.7	-0.1	-1.0
Coal	0.2	1.5	0.8	0.3	1.1	14.5	47.6	30.6	13.5	45.6	14.2	-11.8	-8.4	12.8	-1.2
Oil	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	-6.6	-100.0	-	-	-100.0
Natural gas	1.2	1.7	1.9	2.2	1.4	85.3	52.4	69.4	86.5	54.4	2.2	1.9	1.5	-4.6	-0.9

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	37.6	40.6	43.7	47.0	43.7						0.5	1.5	0.7	-0.7	0.3
Coal	25.2	32.5	34.0	34.0	35.0						1.7	0.9	0.0	0.3	0.3
Oil	23.9	33.4									2.3	-100.0	-	-	-100.0
Natural gas	39.7	48.0	48.0	49.0	51.0						1.3	0.0	0.2	0.4	0.2

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	6.8	9.7	9.3	9.9	10.7						2.4	-0.9	0.7	0.8	0.4

Energy and economic indicators						AAGR(%)				
	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	39.8	62.4	65.0	88.7	108.8	3.0	0.8	3.2	2.1	2.2
Population (millions of people)	3.4	4.1	4.3	4.7	5.1	1.2	0.9	0.9	0.7	0.8
GDP per capita (thousands of 2000 USD/person)	11.5	15.1	15.0	18.8	21.5	1.8	-0.1	2.3	1.3	1.4
Primary energy consumption per capita (toe/person)	4.0	4.1	4.1	4.7	4.8	0.2	0.2	1.2	0.4	0.7
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	345	271	276	248	225	-1.6	0.4	-1.1	-0.9	-0.7
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	170	155	142	112	99	-0.6	-1.7	-2.4	-1.2	-1.8
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.49	0.57	0.52	0.45	0.44	1.0	-2.0	-1.4	-0.3	-1.1

NEW ZEALAND [APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	13.8	16.9	16.6	20.3	21.4	100	100	100	100	100	1.4	-0.4	2.1	0.5	0.9
Coal	1.1	2.0	1.0	1.1	0.7	8.2	11.8	5.8	5.4	3.4	3.9	-13.6	1.4	-4.1	-4.0
Oil	4.0	6.8	6.7	6.7	6.0	28.8	40.3	40.5	32.7	27.8	3.7	-0.3	-0.1	-1.1	-0.5
Natural gas	3.9	3.2	2.7	3.0	2.7	28.3	18.9	16.3	14.5	12.5	-1.3	-3.2	0.9	-1.0	-0.7
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	2.0	2.0	2.3	2.4	2.7	14.6	11.9	14.0	11.6	12.4	0.0	2.9	0.1	1.2	1.1
Geothermal	2.2	1.9	2.7	5.4	6.8	16.1	11.4	16.2	26.5	31.8	-0.9	6.8	7.2	2.4	5.2
Others	0.5	0.9	1.2	1.9	2.6	4.0	5.6	7.1	9.3	12.0	3.7	4.6	4.8	3.2	4.1

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	9.5	12.7	12.7	13.5	13.9	100	100	100	100	100	2.0	-0.1	0.7	0.3	0.3
Industry	3.4	3.7	4.0	4.5	5.0	36.2	29.3	31.4	33.4	36.3	0.5	1.4	1.3	1.1	1.2
Transportation	3.4	5.6	5.2	5.4	5.2	36.1	44.2	40.9	39.7	37.3	3.4	-1.6	0.3	-0.4	-0.3
Others	2.3	3.1	3.2	3.3	3.3	24.4	24.3	25.4	24.6	24.0	1.9	0.7	0.3	0.0	0.3
Non-energy	0.3	0.3	0.3	0.3	0.3	3.3	2.2	2.3	2.4	2.5	-0.7	0.5	1.2	0.7	0.8
by Energy															
Total	9.5	12.7	12.7	13.5	13.9	100	100	100	100	100	2.0	-0.1	0.7	0.3	0.3
Coal	0.7	0.5	0.4	0.4	0.4	7.1	3.8	3.5	3.1	2.9	-2.2	-1.7	-0.7	-0.4	-0.8
Oil	4.4	6.8	6.3	6.0	5.3	46.6	53.4	49.4	44.3	38.0	2.9	-1.6	-0.4	-1.2	-1.0
Natural gas	1.3	1.4	1.5	1.7	1.9	13.6	10.7	11.7	12.6	13.5	0.4	1.6	1.4	1.0	1.3
Electricity	2.4	3.2	3.4	3.8	4.1	25.1	25.0	26.9	27.8	29.4	1.9	1.3	1.0	0.8	1.0
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.7	0.9	1.1	1.6	2.2	7.6	7.1	8.5	12.2	16.1	1.5	3.7	4.3	3.1	3.7

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	32.3	42.9	41.7	49.9	53.9	100	100	100	100	100	1.9	-0.6	1.8	0.8	0.9
Coal	0.6	5.8	2.1	2.8	1.4	1.9	13.6	5.1	5.6	2.6	16.2	-18.1	2.8	-6.6	-5.5
Oil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-4.5	-100.0	-	-	-100.0
Natural gas	5.7	9.5	6.1	6.4	4.0	17.6	22.1	14.7	12.7	7.4	3.5	-8.4	0.4	-4.6	-3.4
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	23.3	23.5	27.0	27.4	30.9	72.3	54.7	64.9	54.9	57.3	0.0	2.9	0.1	1.2	1.1
Geothermal	2.2	2.9	4.2	9.0	11.6	6.9	6.6	10.0	18.1	21.5	1.7	8.0	8.0	2.5	5.8
Others	0.4	1.3	2.2	4.3	6.0	1.3	3.0	5.3	8.6	11.2	8.0	11.3	6.9	3.4	6.4

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	1.4	3.2	1.6	1.8	1.0	100	100	100	100	100	5.5	-12.8	1.1	-5.7	-4.5
Coal	0.2	1.5	0.5	0.7	0.3	14.5	47.6	33.1	39.0	34.3	14.2	-18.9	2.8	-6.9	-5.8
Oil	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	-6.6	-100.0	-	-	-100.0
Natural gas	1.2	1.7	1.1	1.1	0.7	85.3	52.4	66.9	61.0	65.7	2.2	-8.4	0.2	-5.0	-3.7

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	37.6	40.6	43.4	43.1	45.5						0.5	1.3	-0.1	0.5	0.5
Coal	25.2	32.5	34.0	34.0	35.0						1.7	0.9	0.0	0.3	0.3
Oil	23.9	33.4									2.3	-100.0	-	-	-100.0
Natural gas	39.7	48.0	48.0	49.0	51.0						1.3	0.0	0.2	0.4	0.2

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	6.8	9.7	8.2	8.4	7.2						2.4	-3.4	0.3	-1.5	-1.2

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	39.8	62.4	65.0	88.7	108.8						3.0	0.8	3.2	2.1	2.2
Population (millions of people)	3.4	4.1	4.3	4.7	5.1						1.2	0.9	0.9	0.7	0.8
GDP per capita (thousands of 2000 USD/person)	11.5	15.1	15.0	18.8	21.5						1.8	-0.1	2.3	1.3	1.4
Primary energy consumption per capita (toe/person)	4.0	4.1	3.8	4.3	4.2						0.2	-1.3	1.2	-0.2	0.1
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	345	271	255	229	197						-1.6	-1.2	-1.1	-1.5	-1.3
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	170	155	126	95	66						-0.6	-4.2	-2.8	-3.5	-3.4
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.49	0.57	0.49	0.41	0.34						1.0	-3.0	-1.7	-2.0	-2.1

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Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	19.3	37.0	44.2	77.2	130.0	100	100	100	100	100	4.4	3.6	5.7	5.3	5.1
Coal	1.3	5.7	7.6	22.4	45.8	6.7	15.3	17.3	29.0	35.2	10.3	6.1	11.4	7.4	8.7
Oil	12.0	15.2	17.1	29.4	48.3	62.2	41.0	38.8	38.0	37.2	1.6	2.5	5.5	5.1	4.7
Natural gas	0.0	2.7	2.5	7.2	16.2	0.0	7.2	5.8	9.4	12.5	-	-1.1	11.0	8.4	7.5
Nuclear	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	0.8	0.8	0.8	2.7	1.9	1.9	1.1	0.6	2.2	2.6	0.0	0.0	0.5
Geothermal	4.7	8.5	10.8	10.8	10.8	24.3	23.0	24.4	14.0	8.3	4.0	4.8	0.0	0.0	1.0
Others	0.8	4.3	5.3	6.6	8.0	4.1	11.5	11.9	8.6	6.2	12.0	4.3	2.4	1.9	2.6

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	10.3	23.1	26.9	47.5	80.3	100	100	100	100	100	5.5	3.1	5.8	5.4	5.1
Industry	3.9	8.6	10.0	14.6	21.1	38.0	37.1	37.3	30.8	26.3	5.4	3.2	3.8	3.8	3.7
Transportation	2.7	9.8	12.2	21.2	35.6	25.8	42.4	45.3	44.6	44.4	9.1	4.4	5.7	5.3	5.3
Others	3.5	4.5	4.7	11.7	23.6	34.0	19.5	17.4	24.6	29.3	1.7	0.8	9.6	7.3	6.8
Non-energy	0.2	0.2	0.0	0.0	0.0	2.3	1.0	0.0	0.0	0.0	0.1	-100.0	-	-	-100.0

by Energy	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	10.3	23.1	26.9	47.5	80.3	100	100	100	100	100	5.5	3.1	5.8	5.4	5.1
Coal	0.4	1.2	1.4	1.8	2.1	4.3	5.0	5.1	3.8	2.6	6.5	3.5	2.6	1.6	2.4
Oil	7.3	13.8	15.6	28.1	47.3	70.6	59.8	58.1	59.3	58.9	4.4	2.5	6.1	5.3	5.0
Natural gas	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.3	0.2	0.2	-	-	3.1	5.9	-
Electricity	1.8	3.9	4.6	10.8	22.7	17.4	16.8	17.0	22.7	28.2	5.3	3.3	9.0	7.7	7.3
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.8	4.3	5.3	6.6	8.0	7.6	18.4	19.6	14.0	10.0	12.0	4.3	2.4	1.9	2.6

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	25.2	56.6	66.3	156.8	329.8	100	100	100	100	100	5.5	3.2	9.0	7.7	7.3
Coal	1.9	15.3	22.7	85.2	203.5	7.7	27.0	34.2	54.3	61.7	14.8	8.3	14.1	9.1	10.9
Oil	11.8	6.1	5.5	4.0	2.5	46.7	10.9	8.2	2.5	0.8	-4.3	-2.3	-3.1	-4.5	-3.5
Natural gas	0.0	16.9	16.0	45.5	101.7	0.0	29.8	24.1	29.0	30.8	-	-1.1	11.0	8.4	7.5
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	6.1	8.4	9.6	9.6	9.6	24.0	14.8	14.4	6.1	2.9	2.2	2.6	0.0	0.0	0.5
Geothermal	5.5	9.9	12.5	12.5	12.5	21.7	17.5	18.9	8.0	3.8	4.0	4.8	0.0	0.0	0.9
Others	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	-	80.2	0.0	0.0	12.5

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	3.2	8.5	10.0	28.7	60.5	100	100	100	100	100	6.7	3.2	11.1	7.7	8.1
Coal	0.5	4.5	6.3	20.6	43.7	14.5	53.0	62.7	71.8	72.3	16.4	6.7	12.6	7.8	9.5
Oil	2.7	1.3	1.2	0.9	0.5	85.5	15.5	11.8	3.0	0.9	-4.7	-2.3	-3.1	-4.5	-3.5
Natural gas	0.0	2.7	2.5	7.2	16.2	0.0	31.5	25.5	25.2	26.8	-	-1.1	11.0	8.4	7.5

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	36.8	38.6	38.0	40.4	43.8						0.3	-0.3	0.6	0.8	0.5
Coal	35.7	29.0	31.2	35.6	40.0						-1.4	1.5	1.3	1.2	1.3
Oil	37.0	39.9	39.9	39.9	39.9						0.5	0.0	0.0	0.0	0.0
Natural gas		54.0	54.0	54.0	54.0						-	0.0	0.0	0.0	0.0

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	9.8	20.4	24.0	52.9	99.3						5.0	3.3	8.2	6.5	6.5

Energy and economic indicators						AAGR(%)				
	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	56.2	94.5	122.2	233.7	418.5	3.5	5.3	6.7	6.0	6.1
Population (millions of people)	61.1	83.1	91.3	107.0	118.1	2.1	1.9	1.6	1.0	1.4
GDP per capita (thousands of 2000 USD/person)	0.9	1.1	1.3	2.2	3.5	1.4	3.3	5.0	5.0	4.6
Primary energy consumption per capita (toe/person)	0.3	0.4	0.5	0.7	1.1	2.3	1.7	4.1	4.3	3.7
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	343	392	362	331	311	0.9	-1.6	-0.9	-0.6	-0.9
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	175	216	196	226	237	1.4	-1.9	1.4	0.5	0.4
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.51	0.55	0.54	0.68	0.76	0.5	-0.3	2.3	1.1	1.3

PHILIPPINES [APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	19.3	37.0	42.3	74.5	123.3	100	100	100	100	100	4.4	2.7	5.8	5.2
Coal	1.3	5.7	6.5	19.8	38.5	6.7	15.3	15.4	26.6	31.2	10.3	2.8	11.7	6.9	8.0
Oil	12.0	15.2	16.4	28.0	46.0	62.2	41.0	38.7	37.6	37.3	1.6	1.5	5.5	5.1	4.5
Natural gas	0.0	2.7	2.1	6.0	13.5	0.0	7.2	5.0	8.0	10.9	-	-4.5	10.8	8.5	6.7
Nuclear	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	2.6	-	-	-	-	-
Hydro	0.5	0.7	0.8	1.0	1.1	2.7	1.9	2.0	1.3	0.9	2.2	3.0	1.6	1.0	1.6
Geothermal	4.7	8.5	11.2	13.2	13.2	24.3	23.0	26.6	17.7	10.7	4.0	5.7	1.6	0.0	1.8
Others	0.8	4.3	5.2	6.6	7.9	4.1	11.5	12.4	8.8	6.4	12.0	4.2	2.3	1.9	2.5

Final energy consumption by Sector	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	10.3	23.1	25.6	45.0	75.8	100	100	100	100	100	5.5	2.1	5.8	5.4
Industry	3.9	8.6	9.7	14.1	20.3	38.0	37.1	38.0	31.4	26.8	5.4	2.5	3.8	3.7	3.5
Transportation	2.7	9.8	11.5	20.0	33.6	25.8	42.4	44.8	44.4	44.3	9.1	3.2	5.7	5.3	5.1
Others	3.5	4.5	4.4	10.9	21.9	34.0	19.5	17.2	24.3	28.9	1.7	-0.4	9.5	7.2	6.5
Non-energy	0.2	0.2	0.0	0.0	0.0	2.3	1.0	0.0	0.0	0.0	0.1	-100.0	-	-	-100.0
Total	10.3	23.1	25.6	45.0	75.8	100	100	100	100	100	5.5	2.1	5.8	5.4	4.9
Coal	0.4	1.2	1.3	1.7	2.0	4.3	5.0	5.0	3.8	2.6	6.5	2.2	2.8	1.6	2.2
Oil	7.3	13.8	14.8	26.8	45.0	70.6	59.8	57.9	59.5	59.4	4.4	1.4	6.1	5.3	4.8
Natural gas	0.0	0.0	0.1	0.1	0.2	0.0	0.0	0.3	0.2	0.3	-	-	3.1	5.9	-
Electricity	1.8	3.9	4.2	9.8	20.7	17.4	16.8	16.3	21.9	27.3	5.3	1.5	8.9	7.7	6.9
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.8	4.3	5.2	6.6	7.9	7.6	18.4	20.5	14.6	10.5	12.0	4.2	2.3	1.9	2.5

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	25.2	56.6	60.7	143.0	300.2	100	100	100	100	100	5.5	1.4	9.0	7.7
Coal	1.9	15.3	19.0	74.9	169.8	7.7	27.0	31.3	52.4	56.6	14.8	4.5	14.7	8.5	10.1
Oil	11.8	6.1	5.5	4.0	2.5	46.7	10.9	9.0	2.8	0.8	-4.3	-2.3	-3.1	-4.5	-3.5
Natural gas	0.0	16.9	13.4	37.4	87.7	0.0	29.8	22.1	26.1	29.2	-	-4.5	10.8	8.9	6.8
Nuclear	0.0	0.0	0.0	0.0	12.3	0.0	0.0	0.0	0.0	4.1	-	-	-	-	-
Hydro	6.1	8.4	9.7	11.4	12.5	24.0	14.8	16.0	7.9	4.2	2.2	3.0	1.6	1.0	1.6
Geothermal	5.5	9.9	13.1	15.3	15.3	21.7	17.5	21.5	10.7	5.1	4.0	5.7	1.6	0.0	1.8
Others	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	-	80.2	0.0	0.0	12.5

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	3.2	8.5	8.5	24.9	50.5	100	100	100	100	100	6.7	0.0	11.3	7.3
Coal	0.5	4.5	5.2	18.1	36.5	14.5	53.0	61.3	72.7	72.3	16.4	3.0	13.2	7.3	8.7
Oil	2.7	1.3	1.2	0.9	0.5	85.5	15.5	13.8	3.5	1.1	-4.7	-2.3	-3.1	-4.5	-3.5
Natural gas	0.0	2.7	2.1	6.0	13.5	0.0	31.5	24.9	23.9	26.6	-	-4.5	10.8	8.5	6.7

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	36.8	38.6	38.1	40.2	44.3						0.3	-0.2	0.5	1.0
Coal	35.7	29.0	31.2	35.6	40.0						-1.4	1.5	1.3	1.2	1.3
Oil	37.0	39.9	39.9	39.9	39.9						0.5	0.0	0.0	0.0	0.0
Natural gas		54.0	54.0	54.0	56.0						-	0.0	0.0	0.4	0.1

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	9.8	20.4	21.9	48.1	84.8						5.0	1.4	8.2	5.8

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	GDP (billions of 2000 US dollars)	56.2	94.5	122.2	233.7	418.5						3.5	5.3	6.7	6.0
Population (millions of people)	61.1	83.1	91.3	107.0	118.1						2.1	1.9	1.6	1.0	1.4
GDP per capita (thousands of 2000 USD/person)	0.9	1.1	1.3	2.2	3.5						1.4	3.3	5.0	5.0	4.6
Primary energy consumption per capita (toe/person)	0.3	0.4	0.5	0.7	1.0						2.3	0.8	4.1	4.1	3.5
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	343	392	346	319	295						0.9	-2.5	-0.8	-0.8	-1.1
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	175	216	179	206	203						1.4	-3.6	1.4	-0.2	-0.2
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.51	0.55	0.52	0.65	0.69						0.5	-1.2	2.3	0.6	0.9

SINGAPORE [BAU=APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	13.4	30.2	33.1	39.9	48.4	100	100	100	100	100	5.6	1.8	1.9	2.0	1.9
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Oil	13.4	23.8	25.4	29.3	34.1	100.0	78.8	76.8	73.5	70.4	3.9	1.3	1.4	1.5	1.4
Natural gas	0.0	6.1	7.3	10.2	14.0	0.0	20.2	22.2	25.6	28.9	-	3.7	3.4	3.2	3.4
Nuclear	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	-	-	-	-	-
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.0	0.3	0.3	0.3	0.3	0.0	1.0	1.0	0.9	0.7	-	3.0	0.0	0.0	0.6

Final energy consumption	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	6.8	15.6	17.3	21.4	27.2	100	100	100	100	100	5.7	2.0	2.2	2.4	2.2
Industry	2.9	7.9	8.3	9.5	11.3	42.6	50.5	48.1	44.5	41.5	6.9	1.0	1.4	1.7	1.4
Transportation	3.3	5.7	6.7	8.8	11.7	47.6	36.6	38.7	41.0	42.8	3.8	3.1	2.8	2.9	2.9
Others	0.7	2.0	2.3	3.1	4.3	9.7	12.9	13.2	14.5	15.6	7.6	2.6	3.1	3.3	3.1
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
by Energy	6.8	15.6	17.3	21.4	27.2	100	100	100	100	100	5.7	2.0	2.2	2.4	2.2
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Oil	5.8	12.5	13.7	16.5	20.5	84.2	80.0	79.6	77.3	75.1	5.3	1.9	1.9	2.2	2.0
Natural gas	0.0	0.3	0.3	0.4	0.4	0.0	2.2	2.0	1.7	1.4	-	0.5	0.5	0.5	0.5
Electricity	1.1	2.8	3.2	4.5	6.4	15.8	17.8	18.3	21.0	23.4	6.5	2.6	3.6	3.6	3.4
Heat	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	-	-	-	-	-

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	15.7	38.2	43.2	60.4	84.9	100	100	100	100	100	6.1	2.5	3.4	3.5	3.2
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Oil	15.7	8.6	7.6	8.3	7.8	100.0	22.6	17.5	13.7	9.2	-3.9	-2.6	0.9	-0.6	-0.4
Natural gas	0.0	28.4	34.3	50.8	75.7	0.0	74.4	79.4	84.1	89.2	-	3.8	4.0	4.1	4.0
Nuclear	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	-	-	-	-	-
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	0.0	1.1	1.3	1.3	1.3	0.0	3.0	3.1	2.2	1.6	-	3.0	0.0	0.0	0.6

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	4.4	7.8	8.8	11.9	15.5	100	100	100	100	100	3.9	2.4	3.0	2.7	2.8
Coal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Oil	4.4	1.9	1.7	1.8	1.7	100.0	24.3	18.9	15.4	11.1	-5.5	-2.6	0.9	-0.6	-0.4
Natural gas	0.0	5.9	7.2	10.0	13.8	0.0	75.7	81.1	84.6	88.9	-	3.8	3.4	3.2	3.4

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	30.6	40.7	40.8	42.8	46.2						1.9	0.1	0.5	0.8	0.5
Coal											-	-	-	-	-
Oil	30.6	39.0	39.0	39.0	39.0						1.6	0.0	0.0	0.0	0.0
Natural gas		41.2	41.2	43.5	47.1						-	0.0	0.5	0.8	0.5

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	7.8	13.3	14.8	18.8	23.9						3.6	2.2	2.4	2.4	2.4

Energy and economic indicators						AAGR(%)				
	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	44.7	112.7	133.9	192.6	282.3	6.4	3.5	3.7	3.9	3.7
Population (millions of people)	3.0	4.3	4.6	5.0	5.3	2.4	1.2	0.8	0.5	0.8
GDP per capita (thousands of 2000 USD/person)	14.7	26.0	29.1	38.5	53.4	3.9	2.3	2.8	3.3	2.9
Primary energy consumption per capita (toe/person)	4.4	7.0	7.2	8.0	9.2	3.1	0.6	1.1	1.4	1.1
Primary energy consumption per unit of GDP (toe/million 2000 U)	299	268	247	207	172	-0.7	-1.6	-1.7	-1.9	-1.8
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	176	118	111	98	84	-2.6	-1.2	-1.2	-1.4	-1.3
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.59	0.44	0.45	0.47	0.49	-1.9	0.4	0.5	0.4	0.5

THAILAND [BAU]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	35.4	89.9	101.9	153.4	231.4	100	100	100	100	100	6.4	2.5	4.2	4.2
Coal	3.7	10.6	12.9	24.5	34.6	10.6	11.8	12.7	16.0	14.9	7.2	4.0	6.6	3.5	4.8
Oil	19.7	45.4	48.4	72.2	111.2	55.7	50.5	47.5	47.1	48.1	5.7	1.3	4.1	4.4	3.7
Natural gas	5.7	25.9	31.5	43.2	62.1	16.0	28.8	30.9	28.2	26.8	10.7	4.0	3.2	3.7	3.6
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	1.1	1.6	1.7	1.7	1.7	3.1	1.8	1.7	1.1	0.7	2.6	1.1	0.0	0.0	0.2
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	5.2	6.3	7.4	11.7	21.9	14.6	7.0	7.2	7.7	9.5	1.3	3.1	4.8	6.4	5.1

Final energy consumption	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	25.4	59.7	66.3	104.5	165.6	100	100	100	100	100	5.9	2.1	4.6	4.7
Industry	8.7	27.1	29.1	42.1	63.3	34.5	45.3	43.9	40.3	38.2	7.8	1.5	3.8	4.2	3.5
Transportation	11.4	22.1	25.6	43.5	72.1	44.9	36.9	38.6	41.6	43.5	4.5	3.0	5.4	5.2	4.9
Others	5.2	10.6	11.6	18.9	30.2	20.6	17.7	17.5	18.1	18.2	4.8	1.9	5.0	4.8	4.3
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
by Energy															
Total	25.4	59.7	66.3	104.5	165.6	100	100	100	100	100	5.9	2.1	4.6	4.7	4.2
Coal	1.3	5.7	6.4	12.1	20.7	5.3	9.6	9.6	11.6	12.5	10.2	2.2	6.6	5.5	5.3
Oil	17.6	36.3	38.6	57.3	90.3	69.4	60.9	58.2	54.8	54.5	5.0	1.2	4.0	4.7	3.7
Natural gas	0.3	1.9	2.9	6.6	8.8	1.0	3.1	4.4	6.3	5.3	13.9	9.3	8.6	2.9	6.4
Electricity	3.3	10.4	12.5	22.2	38.9	12.9	17.4	18.8	21.2	23.5	8.0	3.7	5.9	5.8	5.4
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	2.9	5.4	6.0	6.3	6.9	11.4	9.0	9.0	6.0	4.2	4.2	2.0	0.6	0.9	1.0

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	44.2	130.6	158.7	240.1	347.7	100	100	100	100	100	7.5	4.0	4.2	3.8
Coal	11.1	20.6	27.8	58.1	68.5	25.0	15.8	17.5	24.2	19.7	4.2	6.1	7.7	1.7	4.9
Oil	10.4	7.8	0.4	2.4	2.0	23.5	6.0	0.3	1.0	0.6	-1.9	-44.9	19.8	-1.9	-5.3
Natural gas	17.8	94.5	120.5	169.1	266.8	40.2	72.3	75.9	70.4	76.7	11.8	5.0	3.4	4.7	4.2
Nuclear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Hydro	5.0	5.7	6.1	6.1	6.1	11.3	4.4	3.8	2.5	1.7	0.9	1.1	0.0	0.0	0.2
Geothermal	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	4.0	4.3	4.3	0.0	1.5	2.5	1.8	1.2	-	15.3	0.8	0.0	3.2

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	9.4	25.7	30.2	44.4	62.5	100	100	100	100	100	7.0	3.3	4.0	3.5
Coal	2.5	4.9	6.5	12.4	13.9	27.2	19.0	21.6	27.8	22.2	4.4	5.9	6.6	1.2	4.3
Oil	2.5	1.8	0.1	0.6	0.5	27.0	6.9	0.3	1.2	0.7	-2.3	-44.9	19.8	-1.9	-5.3
Natural gas	4.3	19.0	23.5	31.5	48.2	45.8	74.1	78.1	70.9	77.1	10.4	4.4	3.0	4.3	3.8

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	36.0	41.2	42.4	44.4	46.4						0.9	0.6	0.5	0.4
Coal	37.3	36.3	36.6	40.4	42.4						-0.2	0.2	1.0	0.5	0.6
Oil	35.3	37.8	37.8	37.8	37.8						0.4	0.0	0.0	0.0	0.0
Natural gas	35.7	42.7	44.0	46.1	47.6						1.2	0.6	0.5	0.3	0.4

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	21.4	52.1	58.5	94.3	144.4						6.1	2.3	4.9	4.4

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	GDP (billions of 2000 US dollars)	79.4	156.9	182.8	303.4	480.3						4.6	3.1	5.2	4.7
Population (millions of people)	54.6	65.1	67.3	70.1	70.6						1.2	0.7	0.4	0.1	0.3
GDP per capita (thousands of 2000 USD/person)	1.5	2.4	2.7	4.3	6.8						3.4	2.4	4.8	4.6	4.2
Primary energy consumption per capita (toe/person)	0.6	1.4	1.5	2.2	3.3						5.2	1.9	3.7	4.1	3.5
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	446	573	558	505	482						1.7	-0.5	-1.0	-0.5	-0.7
CO₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	270	332	320	311	301						1.4	-0.8	-0.3	-0.3	-0.4
CO₂ emissions per unit of primary energy consumption (t-C/toe)	0.61	0.58	0.57	0.61	0.62						-0.3	-0.2	0.7	0.1	0.3

THAILAND [APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	35.4	89.9	92.2	132.7	196.0	100	100	100	100	100	6.4	0.5	3.7	4.0	3.2
Coal	3.7	10.6	8.2	16.0	23.6	10.6	11.8	8.8	12.1	12.0	7.2	-5.2	7.0	3.9	3.2
Oil	19.7	45.4	41.7	58.2	89.4	55.7	50.5	45.2	43.9	45.6	5.7	-1.7	3.4	4.4	2.8
Natural gas	5.7	25.9	28.3	37.8	53.8	16.0	28.8	30.7	28.5	27.4	10.7	1.8	2.9	3.6	3.0
Nuclear	0.0	0.0	0.0	1.8	3.7	0.0	0.0	0.0	1.4	1.9	-	-	-	7.2	-
Hydro	1.1	1.6	1.7	1.8	1.8	3.1	1.8	1.9	1.3	0.9	2.6	1.3	0.1	0.1	0.3
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	5.2	6.3	12.3	17.1	23.8	14.6	7.0	13.4	12.9	12.1	1.3	14.3	3.3	3.4	5.4

Final energy consumption	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	25.4	59.7	60.2	91.0	139.6	100	100	100	100	100	5.9	0.2	4.2	4.4	3.5
Industry	8.7	27.1	27.5	36.8	53.2	34.5	45.3	45.8	40.5	38.1	7.8	0.4	3.0	3.7	2.7
Transportation	11.4	22.1	21.5	38.0	60.9	44.9	36.9	35.7	41.8	43.6	4.5	-0.5	5.9	4.8	4.1
Others	5.2	10.6	11.2	16.2	25.5	20.6	17.7	18.5	17.7	18.2	4.8	1.0	3.8	4.7	3.6
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
by Energy															
Total	25.4	59.7	60.2	91.0	139.6	100	100	100	100	100	5.9	0.2	4.2	4.4	3.5
Coal	1.3	5.7	2.1	6.0	12.1	5.3	9.6	3.4	6.5	8.7	10.2	-18.6	11.2	7.4	3.0
Oil	17.6	36.3	32.0	43.8	68.6	69.4	60.9	53.1	48.1	49.2	5.0	-2.5	3.2	4.6	2.6
Natural gas	0.3	1.9	4.6	10.7	13.8	1.0	3.1	7.6	11.8	9.9	13.9	19.9	8.8	2.6	8.4
Electricity	3.3	10.4	10.6	15.5	26.5	12.9	17.4	17.7	17.0	19.0	8.0	0.5	3.8	5.5	3.8
Heat	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
Others	2.9	5.4	10.9	15.1	18.5	11.4	9.0	18.2	16.6	13.2	4.2	15.2	3.3	2.0	5.1

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	44.2	130.6	134.8	197.8	313.5	100	100	100	100	100	7.5	0.6	3.9	4.7	3.6
Coal	11.1	20.6	26.1	48.6	59.6	25.0	15.8	19.4	24.5	19.0	4.2	4.8	6.4	2.1	4.3
Oil	10.4	7.8	0.0	0.5	1.3	23.5	6.0	0.0	0.2	0.4	-1.9	-100.0	-	10.7	-6.8
Natural gas	17.8	94.5	98.0	127.9	219.1	40.2	72.3	72.7	64.6	69.9	11.8	0.7	2.7	5.5	3.4
Nuclear	0.0	0.0	0.0	7.0	14.0	0.0	0.0	0.0	3.5	4.5	-	-	-	7.2	-
Hydro	5.0	5.7	6.2	6.4	6.7	11.3	4.4	4.6	3.2	2.1	0.9	1.7	0.3	0.4	0.6
Geothermal	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	4.4	7.5	12.8	0.0	1.5	3.3	3.8	4.1	-	17.5	5.5	5.4	7.8

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	9.4	25.7	24.8	32.2	46.6	100	100	100	100	100	7.0	-0.7	2.7	3.8	2.4
Coal	2.5	4.9	6.1	10.1	11.4	27.2	19.0	24.6	31.3	24.5	4.4	4.6	5.2	1.3	3.5
Oil	2.5	1.8	0.0	0.1	0.3	27.0	6.9	0.0	0.3	0.7	-2.3	-100.0	-	10.7	-6.8
Natural gas	4.3	19.0	18.7	22.0	34.9	45.8	74.1	75.4	68.4	74.8	10.4	-0.4	1.7	4.7	2.5

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	36.0	41.2	43.1	47.2	51.6						0.9	0.9	0.9	0.9	0.9
Coal	37.3	36.3	36.8	41.4	44.8						-0.2	0.3	1.2	0.8	0.8
Oil	35.3	37.8		37.8	37.8						0.4	-100.0	-	0.0	0.0
Natural gas	35.7	42.7	45.2	49.9	54.0						1.2	1.1	1.0	0.8	0.9

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
Total	21.4	52.1	45.7	70.2	109.3						6.1	-2.6	4.4	4.5	3.0

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
GDP (billions of 2000 US dollars)	79.4	156.9	182.8	303.4	480.3						4.6	3.1	5.2	4.7	4.6
Population (millions of people)	54.6	65.1	67.3	70.1	70.6						1.2	0.7	0.4	0.1	0.3
GDP per capita (thousands of 2000 USD/person)	1.5	2.4	2.7	4.3	6.8						3.4	2.4	4.8	4.6	4.2
Primary energy consumption per capita (toe/person)	0.6	1.4	1.4	1.9	2.8						5.2	-0.2	3.3	3.9	2.8
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	446	573	505	438	408						1.7	-2.5	-1.4	-0.7	-1.3
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	270	332	250	231	227						1.4	-5.5	-0.8	-0.2	-1.5
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.61	0.58	0.50	0.53	0.56						-0.3	-3.1	0.7	0.5	-0.2

VIET NAM [BAU]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	5.4	27.3	39.5	95.6	213.3	100	100	100	100	100	11.4	7.7	9.2	8.4
Coal	2.2	8.1	13.1	33.2	83.7	41.0	29.8	33.1	34.7	39.3	9.0	10.0	9.8	9.7	9.8
Oil	2.7	12.4	18.7	43.5	92.6	50.5	45.4	47.3	45.5	43.4	10.6	8.6	8.8	7.8	8.4
Natural gas	0.0	4.9	3.6	7.8	22.2	0.1	18.0	9.1	8.2	10.4	63.8	-6.2	8.2	11.0	6.2
Nuclear	0.0	0.0	0.0	3.7	7.3	0.0	0.0	0.0	3.8	3.4	-	-	-	7.2	-
Hydro	0.5	1.8	4.2	7.4	7.4	8.5	6.8	10.6	7.8	3.5	9.7	17.8	5.9	0.0	5.7
Geothermal	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	-	-100.0	-	-	-100.0

Final energy consumption	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	4.2	21.6	33.9	79.3	170.2	100	100	100	100	100	11.5	9.4	8.9	7.9
Industry	1.7	9.2	15.3	37.4	78.7	41.4	42.8	45.1	47.1	46.2	11.8	10.6	9.3	7.7	8.9
Transportation	1.4	7.0	10.6	24.0	52.4	33.5	32.5	31.4	30.3	30.8	11.3	8.6	8.5	8.1	8.4
Others	1.1	5.3	8.0	17.9	39.1	25.1	24.7	23.5	22.6	23.0	11.4	8.3	8.5	8.1	8.3
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
by Energy															
Total	4.2	21.6	33.9	79.3	170.2	100	100	100	100	100	11.5	9.4	8.9	7.9	8.6
Coal	1.3	6.0	9.7	22.2	45.3	31.5	27.7	28.6	28.0	26.6	10.6	10.1	8.7	7.4	8.4
Oil	2.4	11.6	17.6	41.0	89.8	55.9	53.6	51.9	51.7	52.8	11.2	8.7	8.8	8.2	8.5
Natural gas	0.0	0.1	0.4	1.3	3.1	0.0	0.5	1.1	1.6	1.8	-	30.3	13.0	9.1	14.7
Electricity	0.5	3.9	6.2	14.8	32.0	12.6	18.2	18.4	18.7	18.8	14.3	9.7	9.1	8.0	8.7
Heat	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	-	-	-	-	-

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	8.7	53.5	81.4	189.6	404.4	100	100	100	100	100	12.9	8.8	8.8	7.9
Coal	2.0	8.9	14.5	48.8	174.6	23.1	16.7	17.8	25.8	43.2	10.5	10.1	12.9	13.6	12.6
Oil	1.3	2.5	2.0	4.1	5.1	15.0	4.6	2.5	2.1	1.3	4.4	-3.8	7.1	2.2	2.9
Natural gas	0.0	20.6	16.2	36.2	110.3	0.1	38.5	19.8	19.1	27.3	72.1	-4.7	8.4	11.8	6.9
Nuclear	0.0	0.0	0.0	14.0	28.0	0.0	0.0	0.0	7.4	6.9	-	-	-	7.2	-
Hydro	5.4	21.5	48.8	86.5	86.5	61.8	40.1	59.9	45.6	21.4	9.7	17.8	5.9	0.0	5.7
Geothermal	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	-	-	-	-	-

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	1.3	7.7	7.2	18.6	59.0	100	100	100	100	100	12.8	-1.4	10.0	12.2
Coal	0.9	2.1	3.4	11.0	38.4	69.8	27.6	47.0	58.9	65.2	6.0	9.7	12.5	13.4	12.3
Oil	0.4	0.8	0.6	1.1	1.3	30.0	10.0	8.5	5.8	2.3	4.8	-4.5	5.8	2.1	2.2
Natural gas	0.0	4.8	3.2	6.6	19.2	0.2	62.4	44.5	35.3	32.5	63.6	-7.8	7.5	11.3	5.7

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	22.4	35.7	39.1	41.2	42.3						3.2	1.8	0.5	0.3
Coal	19.4	36.1	36.8	38.3	39.0						4.2	0.4	0.4	0.2	0.3
Oil	29.4	27.6	28.6	32.3	32.7						-0.4	0.7	1.2	0.1	0.7
Natural gas	17.2	36.8	43.4	47.3	49.4						5.2	3.4	0.9	0.4	1.2

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	4.6	22.9	32.3	77.6	185.1						11.3	7.1	9.2	9.1

Energy and economic indicators						Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	GDP (billions of 2000 US dollars)	15.0	44.8	67.3	152.2	328.6						7.6	8.5	8.5	8.0
Population (millions of people)	66.2	83.1	87.8	97.0	104.0						1.5	1.1	1.0	0.7	0.9
GDP per capita (thousands of 2000 USD/person)	0.2	0.5	0.8	1.6	3.2						5.9	7.3	7.4	7.3	7.3
Primary energy consumption per capita (toe/person)	0.1	0.3	0.4	1.0	2.1						9.7	6.5	8.2	7.6	7.6
Primary energy consumption per unit of GDP (toe/million 2000 US Dollars)	361	609	587	628	649						3.5	-0.7	0.7	0.3	0.3
CO₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	308	512	480	510	563						3.4	-1.3	0.6	1.0	0.4
CO₂ emissions per unit of primary energy consumption (t-C/toe)	0.85	0.84	0.82	0.81	0.87						-0.1	-0.5	-0.1	0.7	0.1

VIET NAM [APS]

Primary energy demand	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	5.4	27.3	37.2	89.3	200.8	100	100	100	100	100	11.4	6.4	9.1	8.4
Coal	2.2	8.1	11.6	28.8	74.9	41.0	29.8	31.2	32.2	37.3	9.0	7.4	9.5	10.0	9.3
Oil	2.7	12.4	18.2	42.4	90.4	50.5	45.4	49.0	47.5	45.0	10.6	8.1	8.8	7.9	8.3
Natural gas	0.0	4.9	3.1	6.9	20.4	0.1	18.0	8.4	7.7	10.2	63.8	-8.5	8.2	11.4	5.9
Nuclear	0.0	0.0	0.0	3.6	7.3	0.0	0.0	0.0	4.1	3.6	-	-	-	7.2	-
Hydro	0.5	1.8	4.2	7.5	7.6	8.5	6.8	11.3	8.4	3.8	9.7	17.8	6.0	0.1	5.8
Geothermal	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	0.2	0.0	0.0	0.1	0.1	0.1	-	38.0	11.8	5.3	13.8

Final energy consumption	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	4.2	21.6	32.2	74.7	161.0	100	100	100	100	100	11.5	8.3	8.8	8.0
Industry	1.7	9.2	14.2	34.4	72.4	41.4	42.8	44.0	46.0	44.9	11.8	8.9	9.3	7.7	8.6
Transportation	1.4	7.0	10.6	23.9	52.2	33.5	32.5	32.9	32.0	32.4	11.3	8.5	8.5	8.1	8.4
Others	1.1	5.3	7.5	16.4	36.4	25.1	24.7	23.2	22.0	22.6	11.4	6.9	8.2	8.3	8.0
Non-energy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
by Energy															
Total	4.2	21.6	32.2	74.7	161.0	100	100	100	100	100	11.5	8.3	8.8	8.0	8.4
Coal	1.3	6.0	8.7	19.6	40.5	31.5	27.7	27.1	26.3	25.1	10.6	7.8	8.5	7.5	7.9
Oil	2.4	11.6	17.2	40.0	87.7	55.9	53.6	53.5	53.5	54.5	11.2	8.3	8.8	8.2	8.4
Natural gas	0.0	0.1	0.3	1.2	2.8	0.0	0.5	1.1	1.6	1.7	-	28.3	12.9	9.1	14.3
Electricity	0.5	3.9	5.9	13.9	30.0	12.6	18.2	18.3	18.6	18.6	14.3	8.5	8.9	8.0	8.5
Heat	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	-	-	27.0	6.7	-

Power generation	TWh					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	8.7	53.5	77.2	177.6	379.1	100	100	100	100	100	12.9	7.6	8.7	7.9
Coal	2.0	8.9	12.5	40.8	156.4	23.1	16.7	16.1	23.0	41.2	10.5	6.9	12.6	14.4	12.1
Oil	1.3	2.5	1.8	3.7	4.9	15.0	4.6	2.3	2.1	1.3	4.4	-6.4	7.6	2.9	2.8
Natural gas	0.0	20.6	14.1	31.4	100.9	0.1	38.5	18.3	17.7	26.6	72.1	-7.3	8.3	12.4	6.6
Nuclear	0.0	0.0	0.0	14.0	28.0	0.0	0.0	0.0	7.9	7.4	-	-	-	7.2	-
Hydro	5.4	21.5	48.4	86.3	86.5	61.8	40.1	62.7	48.6	22.8	9.7	17.7	5.9	0.0	5.7
Geothermal	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	0.4	1.4	2.3	0.0	0.0	0.6	0.8	0.6	-	-	11.7	5.3	-

Power generation Input	Mtoe					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	1.3	7.7	6.2	15.9	53.3	100	100	100	100	100	12.8	-4.2	9.8	12.9
Coal	0.9	2.1	2.9	9.2	34.4	69.8	27.6	46.6	57.7	64.6	6.0	6.4	12.1	14.2	11.8
Oil	0.4	0.8	0.5	1.0	1.3	30.0	10.0	8.6	6.2	2.4	4.8	-7.0	6.3	2.8	2.1
Natural gas	0.0	4.8	2.8	5.7	17.6	0.2	62.4	44.8	36.1	33.0	63.6	-10.3	7.4	11.9	5.3

Thermal Efficiency	%					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1995-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	22.4	35.7	39.1	41.2	42.3						3.2	1.8	0.5	0.3
Coal	19.4	36.1	36.8	38.3	39.0						4.2	0.4	0.4	0.2	0.3
Oil	29.4	27.6	28.6	32.3	32.7						-0.4	0.7	1.2	0.1	0.7
Natural gas	17.2	36.8	43.4	47.2	49.4						5.2	3.4	0.8	0.5	1.2

CO ₂ emissions	Mt-C					Share, %					AAGR(%)				
	1990	2005	2010	2020	2030	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	Total	4.6	22.9	30.0	71.1	172.1						11.3	5.6	9.0	9.2

Energy and economic indicators						AAGR(%)				
	1990	2005	2010	2020	2030	1990-2005	2005-2010	2010-2020	2020-2030	2005-2030
	GDP (billions of 2000 US dollars)	15.0	44.8	67.3	152.2	328.6	7.6	8.5	8.5	8.0
Population (millions of people)	66.2	83.1	87.8	97.0	104.0	1.5	1.1	1.0	0.7	0.9
GDP per capita (thousands of 2000 USD/person)	0.2	0.5	0.8	1.6	3.2	5.9	7.3	7.4	7.3	7.3
Primary energy consumption per capita (toe/person)	0.1	0.3	0.4	0.9	1.9	9.7	5.3	8.1	7.7	7.3
Primary energy consumption per unit of GDP (toe/million 2000 U	361	609	553	587	611	3.5	-1.9	0.6	0.4	0.0
CO ₂ emissions per unit of GDP (t-C/million 2000 US Dollars)	308	512	446	467	524	3.4	-2.7	0.5	1.2	0.1
CO ₂ emissions per unit of primary energy consumption (t-C/toe)	0.85	0.84	0.81	0.80	0.86	-0.1	-0.8	-0.1	0.7	0.1