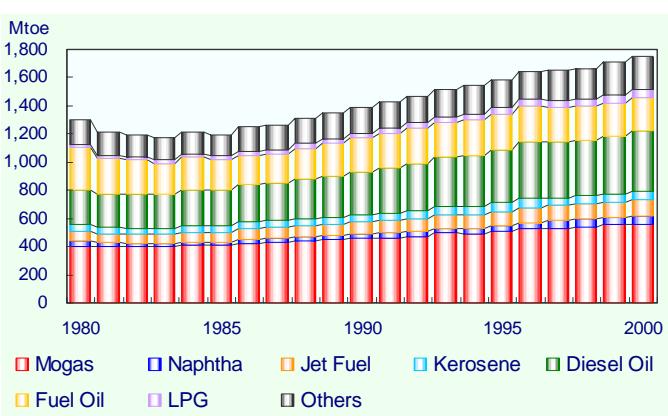


Transformation

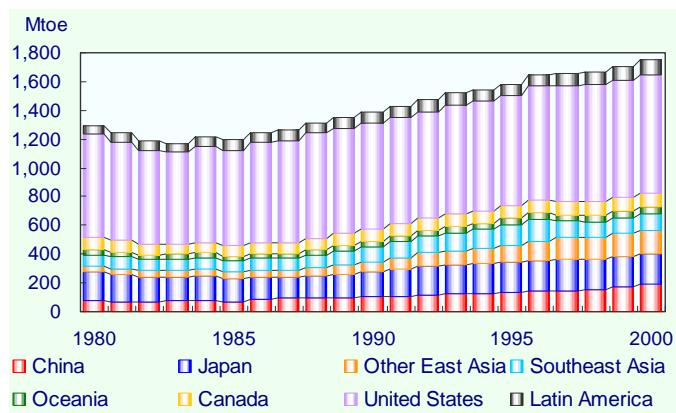
Refining of Petroleum Products by Fuel APEC 19



	1980	1990	1995	1998	1999	2000
Mogas	406	458	511	541	555	562
Naphtha	33	30	41	51	50	50
Jet Fuel	68	92	96	111	113	117
Kerosene	47	52	62	56	60	61
Diesel Oil	248	303	372	399	408	430
Fuel Oil	303	238	260	240	237	234
LPG	23	33	44	48	56	60
Others	171	188	196	220	229	235
Total	1,297	1,393	1,583	1,666	1,707	1,749

	Share (%)					
	1980	1990	1995	1998	1999	2000
Mogas	31.3	32.9	32.3	32.5	32.5	32.1
Naphtha	2.5	2.1	2.6	3.1	2.9	2.9
Jet Fuel	5.2	6.6	6.1	6.7	6.6	6.7
Kerosene	3.6	3.7	3.9	3.3	3.5	3.5
Diesel Oil	19.1	21.8	23.5	24.0	23.9	24.6
Fuel Oil	23.3	17.1	16.4	14.4	13.9	13.4
LPG	1.7	2.4	2.8	2.9	3.3	3.4
Others	13.2	13.5	12.4	13.2	13.4	13.4

Refining of Petroleum Products by Region APEC 19

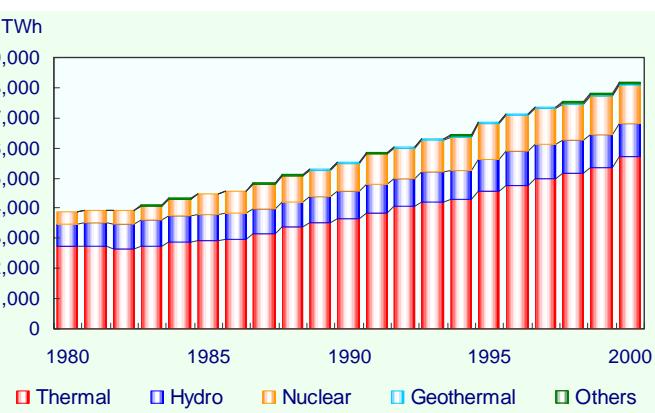


	1980	1990	1995	1998	1999	2000
China	74	102	134	155	169	188
Japan	204	178	212	214	218	216
Other East Asia	39	62	118	147	156	160
Southeast Asia	76	109	142	111	113	116
Oceania	33	37	42	43	43	43
Canada	95	88	88	94	96	98
United States	715	739	770	817	814	829
Latin America	61	77	78	85	99	98
APEC 19	1,297	1,393	1,583	1,666	1,707	1,749

	Share (%)					
	1980	1990	1995	1998	1999	2000
China	5.7	7.3	8.4	9.3	9.9	10.8
Japan	15.7	12.8	13.4	12.8	12.7	12.4
Other East Asia	3.0	4.5	7.4	8.8	9.1	9.2
Southeast Asia	5.9	7.9	9.0	6.7	6.6	6.6
Oceania	2.6	2.6	2.6	2.6	2.5	2.5
Canada	7.3	6.3	5.6	5.7	5.6	5.6
United States	55.1	53.0	48.6	49.1	47.7	47.4
Latin America	4.7	5.5	4.9	5.1	5.8	5.6

Transformation

Electricity Power Generation by Type APEC 19

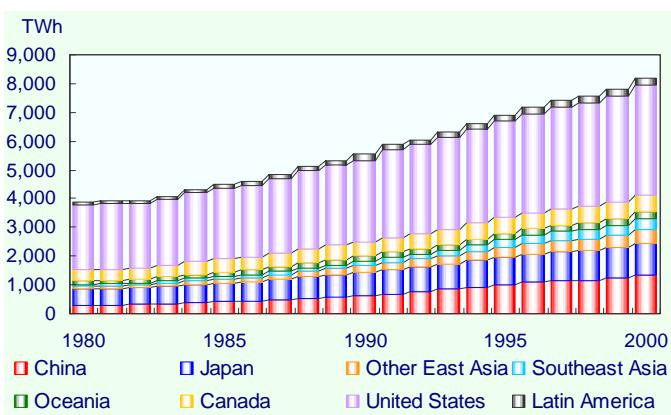


	1980	1990	1995	1998	1999	2000
Thermal	2,726.8	3,651.0	4,572.4	5,148.8	5,341.8	5,707.2
Hydro	758.4	915.3	1,067.8	1,096.6	1,099.1	1,096.3
Nuclear	383.4	930.2	1,176.2	1,218.4	1,282.6	1,270.4
Geothermal	10.3	23.8	33.6	39.1	42.7	42.2
Others	6.3	16.7	25.0	31.9	30.0	69.4
Total	3,885.3	5,537.0	6,875.0	7,534.8	7,796.2	8,185.4

	Share (%)					
	1980	1990	1995	1998	1999	2000
Thermal	70.2	65.9	66.5	68.3	68.5	69.7
Hydro	19.5	16.5	15.5	14.6	14.1	13.4
Nuclear	9.9	16.8	17.1	16.2	16.5	15.5
Geothermal	0.3	0.4	0.5	0.5	0.5	0.5
Others	0.2	0.3	0.4	0.4	0.4	0.8

"Others" comprises power generated from renewable energy.

Electricity Power Generation by Region APEC 19

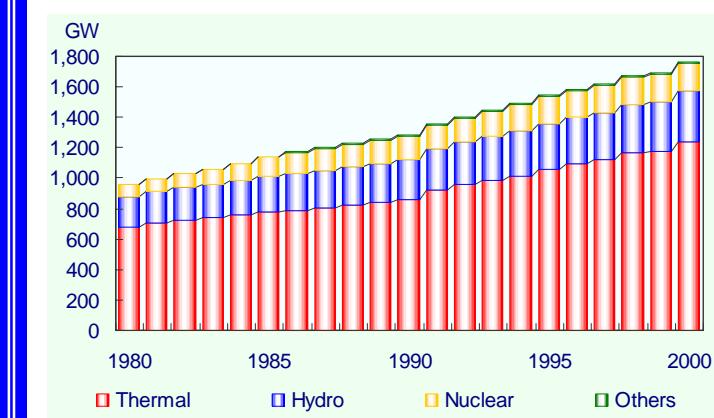


	1980	1990	1995	1998	1999	2000
China	301.6	621.2	1,007.7	1,166.2	1,239.3	1,355.6
Japan	565.4	833.6	962.1	1,028.4	1,040.3	1,073.8
Other East Asia	92.5	223.7	335.5	409.9	438.3	482.6
Southeast Asia	59.6	147.6	266.5	328.0	340.3	373.9
Oceania	118.2	185.2	210.1	234.6	241.6	242.3
Canada	377.2	477.9	554.5	559.1	573.9	605.2
United States	2,286.4	2,808.2	3,370.4	3,610.4	3,707.6	3,799.9
Latin America	83.7	239.7	187.2	225.1	238.4	252.0
APEC 19	3,885.3	5,537.0	6,875.0	7,534.8	7,796.2	8,185.4

	Share (%)					
	1980	1990	1995	1998	1999	2000
China	7.8	11.2	14.7	15.5	15.9	16.6
Japan	14.6	15.1	14.0	13.6	13.3	13.1
Other East Asia	2.4	4.0	4.9	5.4	5.6	5.9
Southeast Asia	1.5	2.7	3.9	4.4	4.4	4.6
Oceania	3.0	3.3	3.1	3.1	3.1	3.0
Canada	9.7	8.6	8.1	7.4	7.4	7.4
United States	58.8	50.7	49.0	47.9	47.6	46.4
Latin America	2.2	4.3	2.7	3.0	3.1	3.1

Transformation

Power Generation Capacity by Type APEC 19

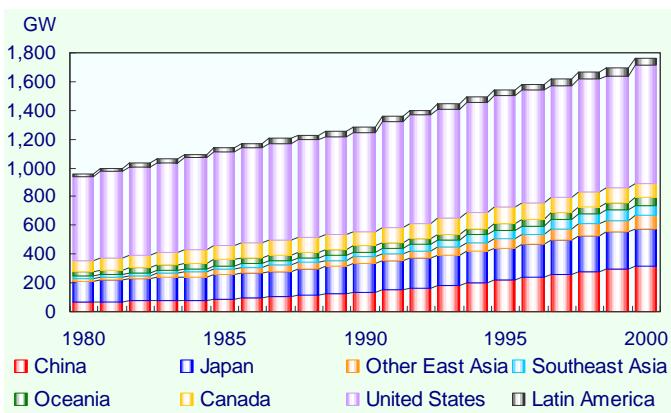


	1980	1990	1995	1998	1999	2000	GW
Thermal	676.2	860.1	1,056.6	1,166.7	1,174.8	1,239.0	
Hydro	204.9	259.8	304.5	317.3	327.1	334.7	
Nuclear	75.2	157.8	174.1	176.1	180.9	180.8	
Others	1.9	5.2	9.3	9.5	9.3	10.2	
Total	958.2	1,282.8	1,544.5	1,669.5	1,692.1	1,764.7	

	1980	1990	1995	1998	1999	2000	Share (%)
Thermal	70.6	67.0	68.4	69.9	69.4	70.2	
Hydro	21.4	20.3	19.7	19.0	19.3	19.0	
Nuclear	7.9	12.3	11.3	10.5	10.7	10.2	
Others	0.2	0.4	0.6	0.6	0.5	0.6	

"Others" comprises power generated from renewable energy.

Power Generation Capacity by Region APEC 19



	1980	1990	1995	1998	1999	2000
China	65.9	137.9	217.2	277.3	298.8	319.3
Japan	143.7	194.7	227.0	250.3	253.5	258.8
Other East Asia	21.8	46.2	64.2	80.5	84.0	87.4
Southeast Asia	15.0	34.5	55.4	70.8	71.8	75.1
Oceania	30.6	42.6	46.5	48.0	50.1	49.8
Canada	82.0	102.9	115.5	109.9	105.9	102.5
United States	578.6	690.5	775.6	784.5	776.6	818.6
Latin America	20.7	33.5	43.1	48.3	51.3	53.1
APEC 19	958.2	1,282.8	1,544.5	1,669.5	1,692.1	1,764.7

	Share (%)					
	1980	1990	1995	1998	1999	2000
China	6.9	10.7	14.1	16.6	17.7	18.1
Japan	15.0	15.2	14.7	15.0	15.0	14.7
Other East Asia	2.3	3.6	4.2	4.8	5.0	5.0
Southeast Asia	1.6	2.7	3.6	4.2	4.2	4.3
Oceania	3.2	3.3	3.0	2.9	3.0	2.8
Canada	8.6	8.0	7.5	6.6	6.3	5.8
United States	60.4	53.8	50.2	47.0	45.9	46.4
Latin America	2.2	2.6	2.8	2.9	3.0	3.0