



SAARC

SOUTH ASIAN ASSOCIATION FOR REGIONAL COOPERATION
Comprising Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan & Sri Lanka

SAARC
ENERGY DATA BOOK
2001 - 2010

SAARC ENERGY CENTRE
Islamabad
September 2013

SAARC ENERGY DATA BOOK 2001 - 2010

Published by

SAARC Energy Centre

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Islamabad, Pakistan

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Islamabad, September 2013

SAARC Energy Data Book

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SAARC Energy Databank

PREFACE

SAARC Energy Centre (SEC) has been mandated to maintain a databank dealing with energy in South Asia to provide a basis for facilitating and promoting regional cooperation.

SEC has accordingly come up with the SAARC Energy Databank, a compilation of energy statistics for ten years from 2001 to 2010. It provides reliable statistics on different aspects of energy sources of South Asia to support researchers and planners. It will help in exploring options and opportunities for regional energy cooperation and energy trade and in overcoming prevailing energy shortages. The Databank is also intended to act as tool to encourage investments for the development of energy resources in the SAARC Region.

The Databank comprises five sections providing information on: (i) Energy Balances, (ii) Energy Production and Supply, (iii) Energy Consumption, (iv) Energy Resources and Reserves, and (v) Electricity Installed Capacity, Production, Trade & Supply.

Basic energy data of SAARC Member States has been taken mainly from multiple editions of "Energy Balances and Electricity Profiles" and "Energy Statistics Yearbooks", published by United Nations Department of Economic and Social Affairs. We are grateful to the United Nations for permission to use their data.

The definitions and conversion factors used here conform to those used in the UN publications. The country data missing in the UN publications have been taken either from other international publications or estimated through application of standard statistical techniques. Such country data include sectoral consumption of energy sources for Afghanistan (2001 and 2002), Bhutan (2001 to 2005) and Maldives (2001 to 2010.)

The Databank has been uploaded on SEC website www.saarcenergy.org and also published in the book form as "SAARC Energy Data Book 2001-2010".

We will welcome any suggestions for improvement.

Hilal A. Raza
Director

SAARC Energy Centre

Islamabad: 25th September 2013.

Part I:
Energy Balance

Total Energy Balance Sheet of SAARC Region

(Terajoules)

Years Production and utilization → ↓	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Production of Primary Energy	19,179,127	19,933,989	22,109,015	22,758,506	23,563,356	25,373,046	25,961,845	26,954,837	28,241,622	29,259,613
Imports	5,362,867	5,614,620	5,787,782	6,362,718	6,768,698	7,926,599	8,709,885	9,223,372	10,635,215	11,017,402
Exports	-512,807	-516,027	-706,589	-871,124	-998,923	-1,548,499	-1,823,718	-1,820,331	-2,352,190	-2,810,954
Marine / aviation bunkers	-156,414	-158,707	-134,215	-155,807	-183,609	-210,250	-231,958	-220,969	-237,757	-234,768
Stock change	96,375	-39,661	-20,773	-61,611	-238,238	-268,355	-61,006	450,622	387,611	280,913
PRIMARY ENERGY REQUIREMENT	23,969,148	24,834,214	27,035,220	28,032,682	28,911,285	31,272,542	32,555,048	34,587,531	36,674,501	37,512,206
Energy Converted	-7,743,390	-7,619,581	-6,773,170	-7,206,769	-7,295,467	-7,593,594	-8,215,383	-8,652,467	-9,492,217	-8,706,032
Briquetting plants	11,010	14,694	13,254	8,954	11,683	9,072	9,857	9,543	10,034	11,114
Coke ovens and coke plants	-303,925	-233,559	-168,291	-173,275	-181,200	-125,277	-150,721	-57,732	-213,739	-111,288
Gasworks			630	593	621	649	677	714	751	788
Blast furnaces	-7,895	-9,646	133,847	122,422	136,990	160,640	158,391	152,219	159,476	142,439
Petroleum refineries	97,852	100,140	-289,810	-157,151	-258,016	-281,111	-306,031	-615,615	-651,302	-583,347
NGL processing plants	789	878	886	853	840	868	853	869	895	851
Electric power plants	-7,598,464	-7,581,474	-6,561,833	-7,073,931	-7,071,823	-7,295,775	-7,867,796	-8,081,238	-8,736,701	-8,076,053
Other conversion industries	57,243	89,386	98,147	64,766	65,438	-62,660	-60,613	-61,227	-61,631	-90,536
Consumption by energy sector	-369,969	-410,664	-401,448	-418,284	-443,577	-533,543	-536,750	-567,172	-577,801	-565,630
Losses in transportation and distribution	-708,819	-743,664	-776,647	-767,593	-787,818	-812,759	-817,962	-684,350	-782,751	-710,667
Consumption for non-energy uses	-1,220,730	-1,415,729	-1,388,783	-1,509,241	-1,453,242	-1,675,516	-1,893,587	-1,412,813	-1,685,903	-1,637,436
Statistical differences	330,052	600,573	255,097	425,838	513,514	489,414	25,130	-26,242	-142,741	2,156,413
FINAL ENERGY CONSUMPTION	13,596,188	14,044,004	17,440,076	17,704,958	18,417,668	20,167,716	21,066,236	23,296,972	24,278,571	23,736,027
<i>Consumption by industry and construction</i>	<i>4,761,478</i>	<i>5,226,918</i>	<i>6,511,992</i>	<i>6,483,723</i>	<i>6,965,974</i>	<i>7,557,107</i>	<i>8,098,921</i>	<i>9,818,099</i>	<i>10,299,061</i>	<i>9,435,290</i>
Iron and steel industry	1,282,039	1,410,156	1,324,156	1,375,957	1,510,680	1,955,685	2,128,311	1,588,773	1,693,863	1,703,267
Chemical industry	118,228	261,034	232,614	242,087	85,968	92,134	373,160	277,973	284,542	246,506
Other industry and construction	3,361,212	3,555,729	4,955,222	4,865,679	5,369,326	5,509,288	5,597,450	7,951,353	8,320,656	7,485,517
<i>Consumption by transport</i>	<i>2,208,187</i>	<i>1,782,926</i>	<i>1,837,286</i>	<i>1,946,118</i>	<i>1,902,032</i>	<i>2,073,425</i>	<i>2,205,148</i>	<i>2,640,801</i>	<i>2,807,769</i>	<i>2,749,335</i>
Road	2,046,205	1,619,205	1,647,397	1,744,568	1,676,267	1,840,073	2,050,713	2,322,596	2,483,185	2,405,578
Rail	111,848	116,977	116,279	122,922	135,289	132,836	70,631	147,030	178,290	157,359
Air	8,597	7,387	36,375	41,860	41,428	42,066	43,472	38,890	39,563	41,229
Inland and coastal waterways	35,857	30,631	26,517	28,260	38,167	46,854	38,293	89,217	78,769	97,468
By other modes of transportation	5,680	8,726	10,718	8,507	10,881	11,595	2,039	43,068	27,962	47,701
<i>Cons. by households and other consumers</i>	<i>6,626,522</i>	<i>7,034,165</i>	<i>9,090,800</i>	<i>9,275,118</i>	<i>9,549,655</i>	<i>10,537,189</i>	<i>10,762,176</i>	<i>10,838,070</i>	<i>11,171,743</i>	<i>11,551,411</i>
Households	5,863,909	6,154,559	7,795,826	7,966,377	8,113,538	8,652,695	8,446,257	8,542,724	8,620,002	8,839,539
Agriculture	391,695	385,870	488,318	501,186	402,258	762,408	833,804	946,818	1,035,416	1,154,499
Other consumers	370,918	493,737	806,657	807,555	1,033,859	1,122,086	1,482,116	1,348,528	1,516,325	1,557,373

Energy Balance Sheet of SAARC Region by-Source for 2001

(Terajoules)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	9,979,864		1,650,339		
Imports	665,985	60,271	3,682,207	241,279	604,990
Exports	-56,798	-158	-18,129	-237,931	-129,381
Marine / aviation bunkers				-144,113	-12,301
Stock change	93,068		-1,005	1,393	2,750
PRIMARY ENERGY REQUIREMENT	10,682,120	60,113	5,313,412	-139,372	466,058
Energy Converted	-8,590,721	279,782	-4,849,892	1,500,474	1,797,940
Briquetting plants	-45	11,055			
Coke ovens and coke plants	-586,210	282,285			
Gasworks					
Blast furnaces		-13,558			
Petroleum refineries			-4,656,559	1,500,474	2,502,937
NGL processing plants			-193,333		
Electric power plants	-8,004,466				-704,997
Other conversion industries					
Consumption by energy sector		0	-2,931		-77,429
Losses in transportation and distribution				0	-127
Consumption for non-energy uses				-433,520	
Statistical differences	1,531	0	460,590	14,504	-165,608
FINAL ENERGY CONSUMPTION	2,089,868	339,895	-1	913,078	2,352,050
<i>Consumption by industry and construction</i>	<i>2,036,966</i>	<i>328,839</i>		<i>3,562</i>	<i>411,756</i>
Iron and steel industry	880,283	328,813			21,085
Chemical industry	38,542	0		618	57,460
Other industry and construction	1,118,141	26		2,944	333,211
<i>Consumption by transport</i>	<i>118</i>			<i>396,410</i>	<i>1,776,704</i>
Road				387,770	1,658,389
Rail	118				81,396
Air				8,597	
Inland and coastal waterways					35,857
By other modes of transportation				43	1,062
<i>Cons. by households and other consumers</i>	<i>52,783</i>	<i>11,056</i>		<i>513,106</i>	<i>163,587</i>
Households	88	11,056		509,592	82,613
Agriculture					51,142
Other consumers	52,695			3,514	29,832

Energy Balance Sheet of SAARC Region by-Source for 2001

(Terajoules)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		2,074,606		440,932	5,033,386		19,179,127
57,426	40,990			6,801	2,889	29	5,362,867
-63,854				-6,228		-329	-512,807
0							-156,414
169		0					96,375
-6,259	40,990	2,074,606		441,505	5,036,275	-300	23,969,148
616,240	328,882	-877,168	5,663	1,989,263	-4,227	60,374	-7,743,390
							11,010
							-303,925
			5,663				-7,895
524,319	226,681						97,852
91,921	102,201						789
		-877,168		1,989,263	-1,096		-7,598,464
					-3,131	60,374	57,243
	-10,302	-102,829		-176,478			-369,969
		-70,520		-638,173			-708,819
-198,691	0	-588,519					-1,220,730
150,620	13,390	-152,647	0	7,277	495	-102	330,052
260,670	346,180	588,217	5,663	1,608,840	5,031,553	60,176	13,596,188
260,670	48,459	354,496	5,663	662,255	648,811		4,761,478
			5,663	46,195			1,282,039
	0	0		21,607			118,228
260,670	48,459	354,496		594,453	648,811		3,361,212
	46	4,575		30,334			2,208,187
	46						2,046,205
				30,334			111,848
							8,597
							35,857
		4,575					5,680
	297,676	229,146		916,251	4,382,742	60,175	6,626,522
	291,937	197,296		394,770	4,374,939	1,618	5,863,909
	0	6,333		334,220			391,695
	5,739	25,517		187,260	7,803	58,557	370,918

Energy Balance Sheet of SAARC Region by-Source for 2002

(Terajoules)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	10,395,462		1,702,821		
Imports	741,570	59,242	3,874,423	241,952	582,899
Exports	-45,486	-79	-10,006	-262,890	-153,062
Marine / aviation bunkers				-149,037	-9,670
Stock change	-37,097		-4,396	290	1,626
PRIMARY ENERGY REQUIREMENT	11,054,450	59,163	5,562,842	-169,685	421,793
Energy Converted	-8,719,888	386,327	-5,000,972	1,587,956	1,899,792
Briquetting plants	-406	15,100			
Coke ovens and coke plants	-621,351	387,792			
Gasworks					
Blast furnaces		-16,565			
Petroleum refineries			-4,805,650	1,587,956	2,507,779
NGL processing plants			-195,322		
Electric power plants	-8,098,131				-607,987
Other conversion industries					
Consumption by energy sector		0	-3,266		-122,357
Losses in transportation and distribution				0	0
Consumption for non-energy uses				-521,072	
Statistical differences	9,036	0	558,603	-55,963	179,966
FINAL ENERGY CONSUMPTION	2,325,525	445,490	1	953,162	2,019,262
<i>Consumption by industry and construction</i>	<i>2,281,888</i>	<i>430,390</i>		<i>5,681</i>	<i>474,109</i>
Iron and steel industry	896,900	430,364			30,843
Chemical industry	61,378	0		2,471	159,528
Other industry and construction	1,323,610	26		3,210	283,738
<i>Consumption by transport</i>	<i>147</i>			<i>421,359</i>	<i>1,321,974</i>
Road				413,972	1,205,142
Rail	147				85,096
Air				7,387	
Inland and coastal waterways					30,631
By other modes of transportation				0	1,105
<i>Cons. by households and other consumers</i>	<i>43,492</i>	<i>15,100</i>		<i>526,121</i>	<i>223,180</i>
Households	24,999	15,100		465,659	104,668
Agriculture					54,577
Other consumers	18,493			60,462	63,935

Energy Balance Sheet of SAARC Region by-Source for 2002

(Terajoules)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		2,199,294		417,115	5,219,297		19,933,989
64,570	40,444			6,430	2,889	202	5,614,620
-37,889				-6,412		-203	-516,027
0							-158,707
-84		0					-39,661
26,597	40,444	2,199,294		417,132	5,222,186	-1	24,834,214
651,193	355,062	-975,921	6,919	2,101,661	-4,227	92,517	-7,619,581
							14,694
							-233,559
			6,919				-9,646
568,807	241,248						100,140
82,386	113,814						878
		-975,921		2,101,661	-1,096		-7,581,474
					-3,131	92,517	89,386
	-10,385	-104,177		-170,479			-410,664
	0	-74,076		-669,588			-743,664
-296,330		-598,327					-1,415,729
84,412	2,550	-175,296	0	-4,508	1,641	129	600,573
297,048	382,571	622,089	6,919	1,683,233	5,216,318	92,387	14,044,004
297,047	6,331	369,603	6,919	697,278	657,671		5,226,918
			6,919	45,130			1,410,156
	0	0		37,656			261,034
297,047	6,331	369,603		614,492	657,671		3,555,729
	91	7,621		31,734			1,782,926
	91						1,619,205
				31,734			116,977
							7,387
							30,631
		7,621					8,726
	376,149	244,865		954,222	4,558,649	92,387	7,034,165
	361,028	212,254		418,540	4,550,634	1,676	6,154,559
	0	5,334		325,959			385,870
	15,121	27,277		209,722	8,015	90,711	493,737

Energy Balance Sheet of SAARC Region by-Source for 2003

(Terajoules)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	9,111,550		1,715,708		
Imports	707,649	49,984	4,224,817	205,655	381,057
Exports	-40,535	-5,196	-10,048	-333,931	-295,884
Marine / aviation bunkers				-126,013	-8,202
Stock change	-40,949		5,276	1,490	12,899
PRIMARY ENERGY REQUIREMENT	9,737,715	44,788	5,935,753	-252,798	89,870
Energy Converted	-7,560,845	362,219	-5,926,541	1,725,764	2,177,942
Briquetting plants	0	13,254			
Coke ovens and coke plants	-528,809	360,518			
Gasworks					0
Blast furnaces		-11,553			
Petroleum refineries			-5,739,852	1,774,526	2,662,670
NGL processing plants			-186,689		
Electric power plants	-7,032,036			-48,762	-484,728
Other conversion industries					
Consumption by energy sector			-3,475		-9,835
Losses in transportation and distribution				-44	-168
Consumption for non-energy uses				-399,232	
Statistical differences	110,957	0	5,736	28,443	-161,261
FINAL ENERGY CONSUMPTION	2,065,913	407,007	1	1,045,246	2,419,070
<i>Consumption by industry and construction</i>	<i>2,033,540</i>	<i>393,752</i>		<i>84,699</i>	<i>807,674</i>
Iron and steel industry	720,514	393,726		17,299	32,427
Chemical industry	50,332			4,501	144,575
Other industry and construction	1,262,694	26		62,899	630,672
<i>Consumption by transport</i>	<i>121</i>			<i>458,976</i>	<i>1,329,345</i>
Road				422,601	1,209,169
Rail	121				82,941
Air				36,375	
Inland and coastal waterways					26,517
By other modes of transportation				0	10,718
<i>Cons. by households and other consumers</i>	<i>32,252</i>	<i>13,254</i>		<i>501,575</i>	<i>282,047</i>
Households	8,891	13,254		452,656	
Agriculture					142,759
Other consumers	23,361			48,919	139,288

Energy Balance Sheet of SAARC Region by-Source for 2003

(Terajoules)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		2,475,206		472,587	8,333,964		22,109,015
119,751	87,308			7,542	3,961	58	5,787,782
-14,169	0			-6,567		-260	-706,589
0							-134,215
253		258				0	-20,773
105,835	87,308	2,475,464		473,562	8,337,925	-202	27,035,220
712,619	487,802	-1,166,421	146,030	2,215,066	-45,008	98,203	-6,773,170
							13,254
							-168,291
			630				630
			145,400				133,847
639,860	372,986						-289,810
72,759	114,816						886
		-1,166,421		2,215,066	-44,952		-6,561,833
					-56	98,203	98,147
	-125,000	-105,546		-157,592			-401,448
	0	-51,010		-725,425			-776,647
-382,668		-606,883					-1,388,783
166,915	10,657	-124,013	0	215,489	1,842	329	255,097
268,871	439,453	669,617	146,030	1,590,122	8,291,074	97,672	17,440,076
268,872	6,513	417,527	146,030	548,958	1,804,427		6,511,992
		14,160	146,030				1,324,156
	0	33,206					232,614
268,872	6,513	370,161		548,958	1,804,427		4,955,222
	91	15,536		33,217			1,837,286
	91	15,536					1,647,397
				33,217			116,279
							36,375
							26,517
							10,718
	432,850	236,554		1,007,947	6,486,650	97,671	9,090,800
	426,109	201,911		445,475	6,243,199	4,331	7,795,826
	0	6,234		339,325			488,318
	6,741	28,409		223,148	243,451	93,340	806,657

Energy Balance Sheet of SAARC Region by-Source for 2004

(Terajoules)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	9,677,407		1,736,272		
Imports	887,536	66,364	4,504,829	180,840	461,375
Exports	-33,951	-4,088	-1,717	-407,979	-387,015
Marine / aviation bunkers				-146,404	-9,403
Stock change	-68,018		-3,140	-802	10,210
PRIMARY ENERGY REQUIREMENT	10,462,974	62,276	6,236,244	-374,345	75,167
Energy Converted	-8,181,454	347,922	-6,240,181	1,892,401	2,477,105
Briquetting plants	0	8,954			
Coke ovens and coke plants	-531,023	357,748			
Gasworks					
Blast furnaces		-18,780			
Petroleum refineries			-6,061,943	1,934,809	2,998,529
NGL processing plants			-178,238		
Electric power plants	-7,650,431			-42,408	-521,424
Other conversion industries					
Consumption by energy sector			-3,977		-10,831
Losses in transportation and distribution				0	0
Consumption for non-energy uses				-523,058	
Statistical differences	132,998	26	-7,913	-69,109	31,620
FINAL ENERGY CONSUMPTION	2,148,522	410,172	-1	1,064,107	2,509,821
<i>Consumption by industry and construction</i>	<i>2,119,913</i>	<i>401,217</i>		<i>60,862</i>	<i>838,074</i>
Iron and steel industry	778,926	401,191		5,295	34,691
Chemical industry	53,754			4,236	150,693
Other industry and construction	1,287,233	26		51,331	652,690
<i>Consumption by transport</i>	<i>0</i>			<i>499,369</i>	<i>1,388,464</i>
Road				457,508	1,263,022
Rail	0				88,675
Air				41,860	
Inland and coastal waterways					28,260
By other modes of transportation				0	8,507
<i>Cons. by households and other consumers</i>	<i>28,610</i>	<i>8,954</i>		<i>503,875</i>	<i>283,278</i>
Households	7,872	8,954		461,497	
Agriculture					146,704
Other consumers	20,738			42,378	136,574

Energy Balance Sheet of SAARC Region by-Source for 2004

(Terajoules)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		2,591,706		503,223	8,249,897		22,758,506
134,429	114,179			7,934	5,203	29	6,362,718
-22,468	-6,604			-7,186		-116	-871,124
0							-155,807
-169		308					-61,611
111,792	107,575	2,592,014		503,972	8,255,100	-87	28,032,682
643,670	506,875	-1,142,659	141,795	2,328,475	-45,542	64,824	-7,206,769
							8,954
							-173,275
			593				593
			141,202				122,422
575,068	396,386						-157,151
68,602	110,489						853
		-1,142,659		2,328,475	-45,484		-7,073,931
					-58	64,824	64,766
	-130,318	-107,788		-165,370			-418,284
	0	-33,154		-734,439			-767,593
-398,697		-587,486					-1,509,241
148,026	182	-32,969	0	220,716	1,924	335	425,838
208,739	483,950	753,896	141,795	1,711,923	8,207,634	64,402	17,704,958
208,740	3,325	456,986	141,795	603,573	1,649,238		6,483,723
		14,059	141,795				1,375,957
	0	33,404					242,087
208,740	3,325	409,523		603,573	1,649,238		4,865,679
	91	23,947		34,247			1,946,118
	91	23,947					1,744,568
				34,247			122,922
							41,860
							28,260
							8,507
	480,535	272,963		1,074,104	6,558,398	64,401	9,275,118
	454,575	232,815		485,533	6,310,654	4,478	7,966,377
	0	8,522		345,960			501,186
	25,960	31,626		242,612	247,744	59,923	807,555

Energy Balance Sheet of SAARC Region by-Source for 2005

(Terajoules)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	10,275,259		1,684,970		
Imports	1,049,200	69,107	4,650,740	227,258	490,170
Exports	-49,707	-4,141	0	-496,307	-436,977
Marine / aviation bunkers				-171,502	-12,107
Stock change	-251,023		12,183	1,807	-1,137
PRIMARY ENERGY REQUIREMENT	11,023,730	64,966	6,347,893	-438,744	39,949
Energy Converted	-8,458,560	365,818	-6,331,397	1,924,286	2,640,403
Briquetting plants	0	11,683			
Coke ovens and coke plants	-543,696	362,496			
Gasworks					0
Blast furnaces		-8,361			
Petroleum refineries			-6,131,150	1,961,443	3,010,699
NGL processing plants			-200,247		
Electric power plants	-7,914,864			-37,157	-370,296
Other conversion industries					
Consumption by energy sector			-3,894		-5,228
Losses in transportation and distribution				0	-41
Consumption for non-energy uses				-458,320	
Statistical differences	-786	0	12,602	8,968	383,794
FINAL ENERGY CONSUMPTION	2,565,955	430,784	0	1,018,253	2,291,289
<i>Consumption by industry and construction</i>	<i>2,539,840</i>	<i>419,101</i>		<i>46,372</i>	<i>588,085</i>
Iron and steel industry	887,608	419,075		2,427	40,414
Chemical industry	29,962			5,516	15,209
Other industry and construction	1,622,270	26		38,429	532,462
<i>Consumption by transport</i>	<i>0</i>			<i>510,058</i>	<i>1,317,874</i>
Road				468,630	1,169,404
Rail	0				99,422
Air				41,428	
Inland and coastal waterways					38,167
By other modes of transportation				0	10,881
<i>Cons. by households and other consumers</i>	<i>26,115</i>	<i>11,683</i>		<i>461,821</i>	<i>385,328</i>
Households	7,125	11,683		453,678	
Agriculture					36,079
Other consumers	18,990			8,143	349,249

Energy Balance Sheet of SAARC Region by-Source for 2005

(Terajoules)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		2,699,390		584,936	8,318,801		23,563,356
133,372	136,040			8,036	4,718	58	6,768,698
-2,156	-2,414			-7,077		-144	-998,923
0							-183,609
-169		101					-238,238
131,047	133,626	2,699,491		585,894	8,323,519	-86	28,911,285
587,409	514,670	-1,099,217	145,972	2,395,732	-46,081	65,498	-7,295,467
							11,683
							-181,200
			621				621
			145,351				136,990
495,036	405,956						-258,016
92,373	108,714						840
		-1,099,217		2,395,732	-46,021		-7,071,823
					-60	65,498	65,438
	-137,019	-109,296		-188,140			-443,577
	0	-43,528		-744,249			-787,818
-470,031		-524,891					-1,453,242
93,784	-3,735	26,893	0	-11,438	3,123	308	513,514
154,642	515,012	895,666	145,972	2,060,675	8,274,316	65,105	18,417,668
154,643	0	542,006	145,972	885,826	1,644,128		6,965,974
		15,184	145,972				1,510,680
	0	35,281					85,968
154,643	0	491,541		885,826	1,644,128		5,369,326
	137	38,096		35,867			1,902,032
	137	38,096					1,676,267
				35,867			135,289
							41,428
							38,167
							10,881
	514,874	315,563		1,138,977	6,630,190	65,104	9,549,655
	472,700	269,219		516,585	6,377,908	4,640	8,113,538
	0	10,291		355,888			402,258
	42,174	36,053		266,504	252,282	60,464	1,033,859

Energy Balance Sheet of SAARC Region by-Source for 2006

(Terajoules)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	10,847,611		1,785,884		
Imports	1,179,225	123,628	5,213,538	428,609	734,564
Exports	-39,657	-2,005		-758,855	-643,509
Marine / aviation bunkers				-198,573	-11,677
Stock change	-247,788		-6,166	-2,761	-12,167
PRIMARY ENERGY REQUIREMENT	11,739,391	121,623	6,993,256	-531,580	67,211
Energy Converted	-8,751,530	341,683	-6,981,414	2,162,967	2,939,595
Briquetting plants		9,072			
Coke ovens and coke plants	-462,478	337,201			
Gasworks					
Blast furnaces		-4,590			
Petroleum refineries			-6,772,906	2,192,092	3,308,468
NGL processing plants			-208,508		
Electric power plants	-8,289,052			-29,125	-368,873
Other conversion industries					
Consumption by energy sector			-3,765		-159,749
Losses in transportation and distribution				0	0
Consumption for non-energy uses				-500,023	
Statistical differences	2,941	0	8,076	26,157	266,018
FINAL ENERGY CONSUMPTION	2,984,920	463,306	1	1,105,207	2,581,039
<i>Consumption by industry and construction</i>	<i>2,960,315</i>	<i>454,235</i>		<i>110,978</i>	<i>349,711</i>
Iron and steel industry	1,271,797	454,209		1,456	45,396
Chemical industry	20,407			52,822	18,541
Other industry and construction	1,668,111	26		56,700	285,774
<i>Consumption by transport</i>				<i>543,827</i>	<i>1,424,817</i>
Road				501,732	1,272,505
Rail					93,891
Air				42,066	
Inland and coastal waterways					46,854
By other modes of transportation				28	11,567
<i>Cons. by households and other consumers</i>	<i>24,603</i>	<i>9,072</i>		<i>450,405</i>	<i>806,510</i>
Households	6,366	9,072		440,667	
Agriculture					366,580
Other consumers	18,237			9,738	439,930

Energy Balance Sheet of SAARC Region by-Source for 2006

(Terajoules)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		2,875,848		650,484	9,213,219		25,373,046
106,429	118,677			14,623	7,260	46	7,926,599
-85,006	-5,101			-14,173	-1	-192	-1,548,499
							-210,250
674		-147					-268,355
22,097	113,576	2,875,701		650,934	9,220,478	-146	31,272,542
687,397	513,214	-1,145,224	165,879	2,583,499	-175,976	66,316	-7,593,594
							9,072
							-125,277
			649				649
			165,230				160,640
590,233	401,002						-281,111
97,164	112,212						868
		-1,145,224		2,583,499	-47,000		-7,295,775
					-128,976	66,316	-62,660
	-102,679	-92,876		-174,474			-533,543
	0	-59,062		-753,697			-812,759
-616,740		-558,753					-1,675,516
91,752	4,480	74,106	0	15,968	-71	-15	489,414
1,002	519,631	945,680	165,879	2,290,294	9,044,573	66,185	20,167,716
1,003	1,412	561,307	165,879	1,008,645	1,943,622		7,557,107
		16,948	165,879				1,955,685
	364						92,134
1,003	1,048	544,359		1,008,645	1,943,622		5,509,288
	137	65,699		38,945			2,073,425
	137	65,699					1,840,073
				38,945			132,836
							42,066
							46,854
	0						11,595
	518,081	318,673		1,242,710	7,100,950	66,185	10,537,189
	501,698	273,044		567,866	6,849,038	4,944	8,652,695
	0	7,463		388,365			762,408
	16,383	38,166		286,479	251,912	61,241	1,122,086

Energy Balance Sheet of SAARC Region by-Source for 2007

(Terajoules)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	11,528,560		1,780,688		
Imports	1,393,991	113,183	5,673,609	503,434	720,367
Exports	-41,718	-2,559		-860,401	-810,616
Marine / aviation bunkers				-224,303	-7,655
Stock change	-52,514		-4,750	9,381	-13,557
PRIMARY ENERGY REQUIREMENT	12,828,319	110,624	7,449,547	-571,889	-111,460
Energy Converted	-9,515,359	342,390	-7,403,847	2,237,564	3,129,050
Briquetting plants		9,857			
Coke ovens and coke plants	-490,138	339,417			
Gasworks					0
Blast furnaces		-6,884			
Petroleum refineries			-7,211,643	2,275,074	3,525,075
NGL processing plants			-192,204		
Electric power plants	-9,025,221			-37,510	-396,025
Other conversion industries					
Consumption by energy sector			-3,469		-150,384
Losses in transportation and distribution			-338	0	-84
Consumption for non-energy uses				-536,343	
Statistical differences	19,354	1,134	41,893	-206,361	-44,491
FINAL ENERGY CONSUMPTION	3,293,606	451,880	0	1,335,693	2,911,613
<i>Consumption by industry and construction</i>	<i>3,271,067</i>	<i>442,022</i>		<i>297,822</i>	<i>275,575</i>
Iron and steel industry	1,455,379	442,022		2,383	45,095
Chemical industry	20,224			266,892	85,771
Other industry and construction	1,795,464			28,547	144,709
<i>Consumption by transport</i>				<i>601,734</i>	<i>1,475,674</i>
Road				558,241	1,404,772
Rail					30,591
Air				43,472	
Inland and coastal waterways					38,293
By other modes of transportation				21	2,018
<i>Cons. by households and other consumers</i>	<i>22,538</i>	<i>9,857</i>		<i>436,140</i>	<i>1,160,362</i>
Households	10,202	9,857		432,695	
Agriculture					418,579
Other consumers	12,336			3,445	741,783

Energy Balance Sheet of SAARC Region by-Source for 2007 (Terajoules)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		3,004,872		664,916	8,982,809		25,961,845
130,983	142,192			23,926	7,253	946	8,709,885
-82,848	-4,509			-20,804	0	-264	-1,823,718
							-231,958
460	0	-26					-61,006
48,595	137,683	3,004,846		668,038	8,990,062	682	32,555,048
768,454	530,066	-1,154,538	165,952	2,792,566	-174,762	67,081	-8,215,383
							9,857
							-150,721
			677				677
			165,275				158,391
685,752	419,711						-306,031
82,702	110,355						853
		-1,154,538		2,792,566	-47,068		-7,867,796
					-127,694	67,081	-60,613
	-102,053	-96,627		-184,217			-536,750
	0	-59,706		-757,834			-817,962
-733,008		-624,236					-1,893,587
83,916	-888	56,743	0	27,875	45,838	115	25,130
125	566,584	1,012,997	165,952	2,490,678	8,769,462	67,649	21,066,236
125	4,190	595,603	165,952	1,100,666	1,945,899		8,098,921
		17,480	165,952				2,128,311
	273						373,160
125	3,917	578,123		1,100,666	1,945,899		5,597,450
	137	87,563		40,040			2,205,148
	137	87,563					2,050,713
				40,040			70,631
							43,472
							38,293
	0						2,039
	562,262	329,830		1,349,974	6,823,562	67,651	10,762,176
	534,313	281,529		606,115	6,565,613	5,932	8,446,257
	0	7,061		408,164			833,804
	27,949	41,240		335,695	257,949	61,719	1,482,116

Energy Balance Sheet of SAARC Region by-Source for 2008

(Terajoules)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	12,381,811		1,751,481		
Imports	1,578,403	51,408	6,069,878	421,737	784,106
Exports	-42,562	-35,312		-793,262	-887,594
Marine / aviation bunkers				-211,452	-9,517
Stock change	-7,503		-8,317	3,736	396,011
PRIMARY ENERGY REQUIREMENT	13,910,149	16,096	7,813,042	-579,241	283,007
Energy Converted	-9,554,273	346,844	-7,810,704	2,174,128	3,187,521
Briquetting plants		9,543			
Coke ovens and coke plants	-412,758	355,026			
Gasworks					
Blast furnaces		-17,725			
Petroleum refineries			-7,612,995	2,242,925	3,765,665
NGL processing plants			-197,709		
Electric power plants	-9,141,515			-68,797	-578,144
Other conversion industries					
Consumption by energy sector			-3,342		-192,587
Losses in transportation and distribution			-296	-44	-41
Consumption for non-energy uses				-62,531	
Statistical differences	64,765	1,767	-1,299	68,397	-452,271
FINAL ENERGY CONSUMPTION	4,291,111	361,173	-1	1,463,915	3,730,171
<i>Consumption by industry and construction</i>	<i>4,270,536</i>	<i>351,629</i>		<i>148,197</i>	<i>1,058,869</i>
Iron and steel industry	943,412	351,629		3,133	105,501
Chemical industry	81,684			58,603	137,413
Other industry and construction	3,245,440			86,461	815,955
<i>Consumption by transport</i>				<i>650,353</i>	<i>1,830,385</i>
Road				611,443	1,594,823
Rail					103,297
Air				38,890	
Inland and coastal waterways					89,217
By other modes of transportation				20	43,048
<i>Cons. by households and other consumers</i>	<i>20,574</i>	<i>9,543</i>		<i>665,364</i>	<i>840,915</i>
Households	9,209	9,543		425,058	
Agriculture					494,288
Other consumers	11,365			240,306	346,627

Energy Balance Sheet of SAARC Region by-Source for 2008

(Terajoules)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		3,157,416		627,729	9,036,400		26,954,837
159,749	122,595			26,401	7,321	1,773	9,223,372
-34,086	-4,964			-21,537	0	-1,014	-1,820,331
							-220,969
-886	67,724	-143					450,622
124,777	185,355	3,157,273		632,593	9,043,721	759	34,587,531
739,778	447,590	-1,180,901	170,658	2,935,718	-176,612	67,786	-8,652,467
							9,543
							-57,732
			714				714
			169,944				152,219
653,822	334,968						-615,615
85,956	112,622						869
		-1,180,901		2,935,718	-47,599		-8,081,238
					-129,013	67,786	-61,227
	-103,309	-72,864		-195,070			-567,172
	0	-24,605		-659,364			-684,350
-769,345		-580,937					-1,412,813
94,749	-8,900	128,120	0	23,552	54,580	296	-26,242
461	538,536	1,169,846	170,658	2,690,325	8,812,529	68,249	23,296,972
460	4,190	702,494	170,658	1,195,011	1,916,055		9,818,099
		14,440	170,658				1,588,773
	273						277,973
460	3,917	688,054		1,195,011	1,916,055		7,951,353
	182	116,148		43,733			2,640,801
	182	116,148					2,322,596
				43,733			147,030
							38,890
							89,217
							43,068
	534,166	351,204		1,451,582	6,896,473	68,249	10,838,070
	509,961	300,625		645,308	6,636,471	6,549	8,542,724
	0	6,627		445,903			946,818
	24,205	43,952		360,371	260,002	61,700	1,348,528

Energy Balance Sheet of SAARC Region by-Source for 2009

(Terajoules)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	13,353,202		1,756,674		
Imports	1,925,750	60,851	7,146,217	296,500	805,904
Exports	-60,288	-2,239		-1,130,039	-1,004,315
Marine / aviation bunkers				-226,386	-11,371
Stock change	-400,825		3,342	6,539	710,926
PRIMARY ENERGY REQUIREMENT	14,817,839	58,612	8,906,233	-1,053,385	501,144
Energy Converted	-10,266,826	343,329	-8,898,705	2,541,104	3,724,057
Briquetting plants		10,034			
Coke ovens and coke plants	-553,417	339,678			
Gasworks					0
Blast furnaces		-6,383			
Petroleum refineries			-8,701,646	2,592,117	4,363,016
NGL processing plants			-197,059		
Electric power plants	-9,713,409			-51,013	-638,959
Other conversion industries					
Consumption by energy sector			-3,595		-224,995
Losses in transportation and distribution			-1,311	-174	-84
Consumption for non-energy uses				-46,115	
Statistical differences	-9,418	2,822	2,621	-160,148	-51,264
FINAL ENERGY CONSUMPTION	4,560,432	399,119	1	1,601,578	4,051,386
<i>Consumption by industry and construction</i>	<i>4,541,947</i>	<i>389,085</i>		<i>194,090</i>	<i>1,173,398</i>
Iron and steel industry	1,001,074	389,085		4,810	118,805
Chemical industry	64,929			65,973	153,276
Other industry and construction	3,475,944			123,307	901,317
<i>Consumption by transport</i>				<i>755,474</i>	<i>1,860,901</i>
Road				715,897	1,630,835
Rail					133,596
Air				39,563	
Inland and coastal waterways					78,769
By other modes of transportation				14	17,701
<i>Cons. by households and other consumers</i>	<i>18,485</i>	<i>10,034</i>		<i>652,013</i>	<i>1,017,086</i>
Households	15,862	10,034		425,663	
Agriculture					555,391
Other consumers	2,623			226,350	461,695

Energy Balance Sheet of SAARC Region by-Source for 2009
(Terajoules)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		3,680,984		622,317	8,828,445		28,241,622
224,555	140,225			26,003	7,379	1,830	10,635,215
-121,726	-5,966			-21,407	0	-6,209	-2,352,190
							-237,757
214	67,587	-173					387,611
103,043	201,846	3,680,811		626,913	8,835,823	-4,379	36,674,501
795,849	497,316	-1,457,149	166,610	3,171,331	-177,364	68,231	-9,492,217
							10,034
							-213,739
			751				751
			165,859				159,476
713,916	381,295						-651,302
81,933	116,021						895
		-1,457,149		3,171,331	-47,502		-8,736,701
					-129,862	68,231	-61,631
	-103,811	-49,905		-195,495			-577,801
	0	-50,580		-730,602			-782,751
-823,929		-815,859					-1,685,903
74,504	-43,227	7,195		-30,671	64,530	316	-142,741
459	638,579	1,300,123	166,610	2,902,818	8,593,930	63,536	24,278,571
460	44,997	801,990	166,610	1,334,267	1,652,217		10,299,061
		13,479	166,610				1,693,863
	364						284,542
460	44,633	788,511		1,334,267	1,652,217		8,320,656
	10,475	136,225		44,694			2,807,769
	228	136,225					2,483,185
				44,694			178,290
							39,563
							78,769
	10,247						27,962
	583,107	361,907		1,523,860	6,941,713	63,538	11,171,743
	543,681	308,405		636,247	6,673,596	6,513	8,620,002
	0	7,144		472,881			1,035,416
	39,426	46,358		414,731	268,117	57,025	1,516,325

Energy Balance Sheet of SAARC Region by-Source for 2010

(Terajoules)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	13,406,369		1,936,236		
Imports	1,810,311	84,643	7,532,743	432,356	843,407
Exports	-108,790	-5,823		-1,333,076	-1,148,898
Marine / aviation bunkers				-225,913	-8,855
Stock change	-178,784		-16,483	8,378	380,027
PRIMARY ENERGY REQUIREMENT	14,929,106	78,820	9,452,496	-1,118,255	65,682
Energy Converted	-9,197,229	276,485	-9,445,586	2,746,249	3,854,309
Briquetting plants		11,114			
Coke ovens and coke plants	-382,989	271,701			
Gasworks					
Blast furnaces		-6,330			
Petroleum refineries			-9,241,885	2,835,301	4,490,652
NGL processing plants			-203,701		
Electric power plants	-8,814,240			-89,052	-636,343
Other conversion industries					
Consumption by energy sector			-3,342		-194,776
Losses in transportation and distribution			-1,015	-130	-126
Consumption for non-energy uses				-86,802	
Statistical differences	1,635,893	5,408	2,552	-124,507	-116,828
FINAL ENERGY CONSUMPTION	4,095,984	349,897	1	1,665,569	3,841,916
<i>Consumption by industry and construction</i>	<i>4,043,283</i>	<i>338,784</i>		<i>183,507</i>	<i>1,154,437</i>
Iron and steel industry	1,069,446	338,784		5,340	127,779
Chemical industry	13,410			56,882	175,758
Other industry and construction	2,960,427			121,285	850,900
<i>Consumption by transport</i>				<i>859,053</i>	<i>1,653,429</i>
Road				817,815	1,427,667
Rail					106,926
Air				41,229	
Inland and coastal waterways					97,468
By other modes of transportation				9	21,368
<i>Cons. by households and other consumers</i>	<i>52,700</i>	<i>11,114</i>		<i>623,010</i>	<i>1,034,049</i>
Households	23,560	11,114		408,158	
Agriculture					633,490
Other consumers	29,140			214,852	400,559

Energy Balance Sheet of SAARC Region by-Source for 2010

(Terajoules)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		4,122,760		700,786	9,093,462		29,259,613
60,027	220,753			30,455	136	2,570	11,017,402
-180,026	-7,014			-21,173	-1	-6,153	-2,810,954
							-234,768
807	87,718	-750					280,913
-119,192	301,457	4,122,010		710,068	9,093,597	-3,583	37,512,206
1,067,737	469,400	-1,795,502	149,557	3,308,413	-240,272	100,407	-8,706,032
							11,114
							-111,288
			788				788
			148,769				142,439
973,421	359,164						-583,347
94,316	110,236						851
		-1,795,502		3,308,413	-49,329		-8,076,053
					-190,943	100,407	-90,536
	-103,560	-58,324		-205,628			-565,630
	0	-114,203		-595,193			-710,667
-718,933		-831,701					-1,637,436
229,113	-24,427	268,059	1	239,983	40,768	399	2,156,413
499	691,723	1,054,221	149,556	2,977,677	8,812,557	96,425	23,736,027
502	47,274	507,989	149,557	1,157,081	1,852,875		9,435,290
		12,361	149,557				1,703,267
	455						246,506
502	46,819	495,628		1,157,081	1,852,875		7,485,517
	26,597	159,823		50,433			2,749,335
	273	159,823					2,405,578
				50,433			157,359
							41,229
							97,468
	26,324						47,701
	617,853	386,411		1,770,163	6,959,682	96,429	11,551,411
	573,053	331,554		806,514	6,678,376	7,210	8,839,539
	0	8,286		512,723			1,154,499
	44,800	46,571		450,926	281,306	89,219	1,557,373

Total Energy Balance Sheet of SAARC Region

(Thousand tonnes of oil equivalent)

Years Production and utilization	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Production of Primary Energy	449,986	467,697	518,728	533,966	552,850	595,310	609,124	632,422	662,613	686,497
Imports	125,825	131,732	135,795	149,284	158,809	185,976	204,354	216,401	249,526	258,493
Exports	-12,032	-12,107	-16,578	-20,439	-23,437	-36,331	-42,789	-42,709	-55,188	-65,951
Marine / aviation bunkers	-3,670	-3,724	-3,149	-3,656	-4,308	-4,933	-5,442	-5,184	-5,578	-5,508
Stock change	2,261	-931	-487	-1,446	-5,590	-6,296	-1,431	10,573	9,094	6,591
PRIMARY ENERGY REQUIREMENT	562,371	582,667	634,308	657,711	678,325	733,725	763,816	811,502	860,467	880,122
Energy Converted	-181,678	-178,773	-158,914	-169,087	-171,168	-178,163	-192,752	-203,007	-222,709	-204,263
Briquetting plants	258	345	311	210	274	213	231	224	235	261
Coke ovens and coke plants	-7,131	-5,480	-3,948	-4,065	-4,251	-2,939	-3,536	-1,355	-5,015	-2,611
Gasworks			15	14	15	15	16	17	18	18
Blast furnaces	-185	-226	3,140	2,872	3,214	3,769	3,716	3,571	3,742	3,342
Petroleum refineries	2,296	2,350	-6,800	-3,687	-6,054	-6,596	-7,180	-14,444	-15,281	-13,687
NGL processing plants	19	21	21	20	20	20	20	20	21	20
Electric power plants	-178,277	-177,879	-153,956	-165,971	-165,921	-171,176	-184,596	-189,604	-204,983	-189,483
Other conversion industries	1,343	2,097	2,303	1,520	1,535	-1,470	-1,422	-1,437	-1,446	-2,124
Consumption by energy sector	-8,680	-9,635	-9,419	-9,814	-10,407	-12,518	-12,593	-13,307	-13,557	-13,271
Losses in transportation and distribution	-16,631	-17,448	-18,222	-18,009	-18,484	-19,069	-19,191	-16,056	-18,365	-16,674
Consumption for non-energy uses	-28,641	-33,216	-32,584	-35,410	-34,096	-39,311	-44,428	-33,148	-39,555	-38,418
Statistical differences	7,744	14,091	5,985	9,991	12,048	11,483	590	-616	-3,349	50,594
FINAL ENERGY CONSUMPTION	318,998	329,504	409,184	415,399	432,121	473,181	494,262	546,600	569,631	556,901
<i>Consumption by industry and construction</i>	<i>111,715</i>	<i>122,635</i>	<i>152,786</i>	<i>152,123</i>	<i>163,438</i>	<i>177,307</i>	<i>190,019</i>	<i>230,355</i>	<i>241,639</i>	<i>221,373</i>
Iron and steel industry	30,080	33,085	31,068	32,283	35,444	45,885	49,935	37,276	39,742	39,963
Chemical industry	2,774	6,124	5,458	5,680	2,017	2,162	8,755	6,522	6,676	5,784
Other industry and construction	78,862	83,426	116,261	114,160	125,977	129,260	131,329	186,557	195,222	175,627
<i>Consumption by transport</i>	<i>51,809</i>	<i>41,832</i>	<i>43,107</i>	<i>45,660</i>	<i>44,626</i>	<i>48,647</i>	<i>51,738</i>	<i>61,959</i>	<i>65,877</i>	<i>64,506</i>
Road	48,009	37,990	38,652	40,932	39,329	43,172	48,114	54,493	58,261	56,440
Rail	2,624	2,745	2,728	2,884	3,174	3,117	1,657	3,450	4,183	3,692
Air	202	173	853	982	972	987	1,020	912	928	967
Inland and coastal waterways	841	719	622	663	895	1,099	898	2,093	1,848	2,287
By other modes of transportation	133	205	251	200	255	272	48	1,010	656	1,119
<i>Cons. by households and other consumers</i>	<i>155,473</i>	<i>165,038</i>	<i>213,291</i>	<i>217,615</i>	<i>224,057</i>	<i>247,226</i>	<i>252,505</i>	<i>254,286</i>	<i>262,115</i>	<i>271,022</i>
Households	137,581	144,400	182,908	186,909	190,362	203,012	198,168	200,432	202,245	207,396
Agriculture	9,190	9,053	11,457	11,759	9,438	17,888	19,563	22,215	24,293	27,087
Other consumers	8,703	11,584	18,926	18,947	24,257	26,327	34,774	31,640	35,576	36,540

Energy Balance Sheet of SAARC Region by-Source for 2001

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquetts es and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	234,150		38,721		
Imports	15,626	1,414	86,393	5,661	14,194
Exports	-1,333	-4	-425	-5,582	-3,036
Marine / aviation bunkers				-3,381	-289
Stock change	2,184		-24	33	65
PRIMARY ENERGY REQUIREMENT	250,627	1,410	124,665	-3,270	10,935
Energy Converted	-201,558	6,564	-113,790	35,205	42,184
Briquetting plants	-1	259			
Coke ovens and coke plants	-13,754	6,623			
Gasworks					
Blast furnaces		-318			
Petroleum refineries			-109,254	35,205	58,725
NGL processing plants			-4,536		
Electric power plants	-187,803				-16,541
Other conversion industries					
Consumption by energy sector		0	-69		-1,817
Losses in transportation and distribution				0	-3
Consumption for non-energy uses				-10,171	
Statistical differences	36	0	10,806	340	-3,886
FINAL ENERGY CONSUMPTION	49,033	7,975	0	21,423	55,184
<i>Consumption by industry and construction</i>	<i>47,792</i>	<i>7,715</i>		<i>84</i>	<i>9,661</i>
Iron and steel industry	20,653	7,715			495
Chemical industry	904	0		14	1,348
Other industry and construction	26,234	1		69	7,818
<i>Consumption by transport</i>	<i>3</i>			<i>9,301</i>	<i>41,686</i>
Road				9,098	38,910
Rail	3				1,910
Air				202	
Inland and coastal waterways					841
By other modes of transportation				1	25
<i>Cons. by households and other consumers</i>	<i>1,238</i>	<i>259</i>		<i>12,039</i>	<i>3,838</i>
Households	2	259		11,956	1,938
Agriculture					1,200
Other consumers	1,236			82	700

Energy Balance Sheet of SAARC Region by-Source for 2001

(Thousand tonnes of oil equivalent)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		48,675		10,345	118,095		449,986
1,347	962			160	68	1	125,825
-1,498				-146		-8	-12,032
0							-3,670
4		0					2,261
-147	962	48,675		10,359	118,163	-7	562,371
14,458	7,716	-20,580	133	46,673	-99	1,417	-181,678
							258
							-7,131
			133				-185
12,302	5,318						2,296
2,157	2,398						19
		-20,580		46,673	-26		-178,277
					-73	1,417	1,343
	-242	-2,413		-4,141			-8,680
		-1,655		-14,973			-16,631
-4,662	0	-13,808					-28,641
3,534	314	-3,581	0	171	12	-2	7,744
6,116	8,122	13,801	133	37,747	118,052	1,412	318,998
6,116	1,137	8,317	133	15,538	15,223		111,715
			133	1,084			30,080
	0	0		507			2,774
6,116	1,137	8,317		13,947	15,223		78,862
	1	107		712			51,809
	1						48,009
				712			2,624
							202
							841
		107					133
	6,984	5,376		21,497	102,829	1,412	155,473
	6,850	4,629		9,262	102,646	38	137,581
	0	149		7,842			9,190
	135	599		4,394	183	1,374	8,703

Energy Balance Sheet of SAARC Region by-Source for 2002

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	243,901		39,952		
Imports	17,399	1,390	90,903	5,677	13,676
Exports	-1,067	-2	-235	-6,168	-3,591
Marine / aviation bunkers				-3,497	-227
Stock change	-870		-103	7	38
PRIMARY ENERGY REQUIREMENT	259,363	1,388	130,517	-3,981	9,896
Energy Converted	-204,588	9,064	-117,334	37,257	44,573
Briquetting plants	-10	354			
Coke ovens and coke plants	-14,578	9,098			
Gasworks					
Blast furnaces		-389			
Petroleum refineries			-112,752	37,257	58,838
NGL processing plants			-4,583		
Electric power plants	-190,001				-14,265
Other conversion industries					
Consumption by energy sector		0	-77		-2,871
Losses in transportation and distribution				0	0
Consumption for non-energy uses				-12,226	
Statistical differences	212	0	13,106	-1,313	4,222
FINAL ENERGY CONSUMPTION	54,562	10,452	0	22,363	47,376
<i>Consumption by industry and construction</i>	<i>53,538</i>	<i>10,098</i>		<i>133</i>	<i>11,124</i>
Iron and steel industry	21,043	10,097			724
Chemical industry	1,440	0		58	3,743
Other industry and construction	31,055	1		75	6,657
<i>Consumption by transport</i>	<i>3</i>			<i>9,886</i>	<i>31,017</i>
Road				9,713	28,275
Rail	3				1,997
Air				173	
Inland and coastal waterways					719
By other modes of transportation				0	26
<i>Cons. by households and other consumers</i>	<i>1,020</i>	<i>354</i>		<i>12,344</i>	<i>5,236</i>
Households	587	354		10,925	2,456
Agriculture					1,281
Other consumers	434			1,419	1,500

Energy Balance Sheet of SAARC Region by-Source for 2002

(Thousand tonnes of oil equivalent)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		51,600		9,786	122,457		467,697
1,515	949			151	68	5	131,732
-889				-150		-5	-12,107
0							-3,724
-2		0					-931
624	949	51,600		9,787	122,524	0	582,667
15,278	8,331	-22,897	162	49,310	-99	2,171	-178,773
							345
							-5,480
			162				-226
13,346	5,660						2,350
1,933	2,670						21
		-22,897		49,310	-26		-177,879
					-73	2,171	2,097
	-244	-2,444		-4,000			-9,635
	0	-1,738		-15,710			-17,448
-6,953		-14,038					-33,216
1,981	60	-4,113	0	-106	39	3	14,091
6,969	8,976	14,596	162	39,492	122,387	2,168	329,504
6,969	149	8,672	162	16,360	15,430		122,635
			162	1,059			33,085
	0	0		883			6,124
6,969	149	8,672		14,417	15,430		83,426
	2	179		745			41,832
	2						37,990
				745			2,745
							173
							719
		179					205
	8,825	5,745		22,388	106,956	2,168	165,038
	8,471	4,980		9,820	106,768	39	144,400
	0	125		7,648			9,053
	355	640		4,921	188	2,128	11,584

Energy Balance Sheet of SAARC Region by-Source for 2003

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	213,778		40,254		
Imports	16,603	1,173	99,124	4,825	8,940
Exports	-951	-122	-236	-7,835	-6,942
Marine / aviation bunkers				-2,957	-192
Stock change	-961		124	35	303
PRIMARY ENERGY REQUIREMENT	228,469	1,051	139,266	-5,931	2,109
Energy Converted	-177,395	8,498	-139,050	40,490	51,099
Briquetting plants	0	311			
Coke ovens and coke plants	-12,407	8,459			
Gasworks					0
Blast furnaces		-271			
Petroleum refineries			-134,670	41,634	62,472
NGL processing plants			-4,380		
Electric power plants	-164,988			-1,144	-11,373
Other conversion industries					
Consumption by energy sector			-82		-231
Losses in transportation and distribution				-1	-4
Consumption for non-energy uses				-9,367	
Statistical differences	2,603	0	135	667	-3,784
FINAL ENERGY CONSUMPTION	48,471	9,549	0	24,524	56,757
<i>Consumption by industry and construction</i>	<i>47,711</i>	<i>9,238</i>		<i>1,987</i>	<i>18,950</i>
Iron and steel industry	16,905	9,238		406	761
Chemical industry	1,181			106	3,392
Other industry and construction	29,626	1		1,476	14,797
<i>Consumption by transport</i>	<i>3</i>			<i>10,769</i>	<i>31,189</i>
Road				9,915	28,370
Rail	3				1,946
Air				853	
Inland and coastal waterways					622
By other modes of transportation				0	251
<i>Cons. by households and other consumers</i>	<i>757</i>	<i>311</i>		<i>11,768</i>	<i>6,617</i>
Households	209	311		10,620	
Agriculture					3,349
Other consumers	548			1,148	3,268

Energy Balance Sheet of SAARC Region by-Source for 2003

(Thousand tonnes of oil equivalent)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		58,074		11,088	195,534		518,728
2,810	2,048			177	93	1	135,795
-332	0			-154		-6	-16,578
0							-3,149
6		6				0	-487
2,483	2,048	58,080		11,111	195,627	-5	634,308
16,720	11,445	-27,367	3,426	51,970	-1,056	2,304	-158,914
							311
							-3,948
			15				15
			3,411				3,140
15,013	8,751						-6,800
1,707	2,694						21
		-27,367		51,970	-1,055		-153,956
					-1	2,304	2,303
	-2,933	-2,476		-3,697			-9,419
	0	-1,197		-17,020			-18,222
-8,978		-14,239					-32,584
3,916	250	-2,910	0	5,056	43	8	5,985
6,308	10,311	15,711	3,426	37,308	194,528	2,292	409,184
6,308	153	9,796	3,426	12,880	42,336		152,786
		332	3,426				31,068
	0	779					5,458
6,308	153	8,685		12,880	42,336		116,261
	2	365		779			43,107
	2	365					38,652
				779			2,728
							853
							622
							251
	10,156	5,550		23,649	152,192	2,292	213,291
	9,997	4,737		10,452	146,480	102	182,908
	0	146		7,961			11,457
	158	667		5,236	5,712	2,190	18,926

Energy Balance Sheet of SAARC Region by-Source for 2004

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	227,054		40,737		
Imports	20,824	1,557	105,694	4,243	10,825
Exports	-797	-96	-40	-9,572	-9,080
Marine / aviation bunkers				-3,435	-221
Stock change	-1,596		-74	-19	240
PRIMARY ENERGY REQUIREMENT	245,485	1,461	146,317	-8,783	1,764
Energy Converted	-191,956	8,163	-146,409	44,400	58,119
Briquetting plants	0	210			
Coke ovens and coke plants	-12,459	8,394			
Gasworks					
Blast furnaces		-441			
Petroleum refineries			-142,227	45,395	70,352
NGL processing plants			-4,182		
Electric power plants	-179,497			-995	-12,234
Other conversion industries					
Consumption by energy sector			-93		-254
Losses in transportation and distribution				0	0
Consumption for non-energy uses				-12,272	
Statistical differences	3,120	1	-186	-1,621	742
FINAL ENERGY CONSUMPTION	50,409	9,624	0	24,966	58,886
<i>Consumption by industry and construction</i>	<i>49,738</i>	<i>9,413</i>		<i>1,428</i>	<i>19,663</i>
Iron and steel industry	18,275	9,413		124	814
Chemical industry	1,261			99	3,536
Other industry and construction	30,201	1		1,204	15,314
<i>Consumption by transport</i>	<i>0</i>			<i>11,716</i>	<i>32,577</i>
Road				10,734	29,633
Rail	0				2,081
Air				982	
Inland and coastal waterways					663
By other modes of transportation				0	200
<i>Cons. by households and other consumers</i>	<i>671</i>	<i>210</i>		<i>11,822</i>	<i>6,646</i>
Households	185	210		10,828	
Agriculture					3,442
Other consumers	487			994	3,204

Energy Balance Sheet of SAARC Region by-Source for 2004

(Thousand tonnes of oil equivalent)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		60,807		11,807	193,561		533,966
3,154	2,679			186	122	1	149,284
-527	-155			-169		-3	-20,439
0							-3,656
-4		7					-1,446
2,623	2,524	60,815		11,824	193,683	-2	657,711
15,102	11,892	-26,809	3,327	54,631	-1,069	1,521	-169,087
							210
							-4,065
			14				14
			3,313				2,872
13,492	9,300						-3,687
1,610	2,592						20
		-26,809		54,631	-1,067		-165,971
					-1	1,521	1,520
	-3,058	-2,529		-3,880			-9,814
	0	-778		-17,232			-18,009
-9,354		-13,784					-35,410
3,473	4	-774	0	5,178	45	8	9,991
4,897	11,355	17,688	3,327	40,166	192,570	1,511	415,399
4,898	78	10,722	3,327	14,161	38,695		152,123
		330	3,327				32,283
	0	784					5,680
4,898	78	9,608		14,161	38,695		114,160
	2	562		804			45,660
	2	562					40,932
				804			2,884
							982
							663
							200
	11,274	6,404		25,201	153,875	1,511	217,615
	10,665	5,462		11,392	148,062	105	186,909
	0	200		8,117			11,759
	609	742		5,692	5,813	1,406	18,947

Energy Balance Sheet of SAARC Region by-Source for 2005

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	241,081		39,533		
Imports	24,617	1,621	109,117	5,332	11,500
Exports	-1,166	-97	0	-11,644	-10,252
Marine / aviation bunkers				-4,024	-284
Stock change	-5,890		286	42	-27
PRIMARY ENERGY REQUIREMENT	258,642	1,524	148,936	-10,294	937
Energy Converted	-198,457	8,583	-148,549	45,148	61,950
Briquetting plants	0	274			
Coke ovens and coke plants	-12,756	8,505			
Gasworks					0
Blast furnaces		-196			
Petroleum refineries			-143,851	46,020	70,638
NGL processing plants			-4,698		
Electric power plants	-185,701			-872	-8,688
Other conversion industries					
Consumption by energy sector			-91		-123
Losses in transportation and distribution				0	-1
Consumption for non-energy uses				-10,753	
Statistical differences	-18	0	296	210	9,005
FINAL ENERGY CONSUMPTION	60,203	10,107	0	23,891	53,759
<i>Consumption by industry and construction</i>	<i>59,590</i>	<i>9,833</i>		<i>1,088</i>	<i>13,798</i>
Iron and steel industry	20,825	9,832		57	948
Chemical industry	703			129	357
Other industry and construction	38,062	1		902	12,493
<i>Consumption by transport</i>	<i>0</i>			<i>11,967</i>	<i>30,920</i>
Road				10,995	27,437
Rail	0				2,333
Air				972	
Inland and coastal waterways					895
By other modes of transportation				0	255
<i>Cons. by households and other consumers</i>	<i>613</i>	<i>274</i>		<i>10,835</i>	<i>9,041</i>
Households	167	274		10,644	
Agriculture					846
Other consumers	446			191	8,194

Energy Balance Sheet of SAARC Region by-Source for 2005

(Thousand tonnes of oil equivalent)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		63,334		13,724	195,178		552,850
3,129	3,192			189	111	1	158,809
-51	-57			-166		-3	-23,437
0							-4,308
-4		2					-5,590
3,075	3,135	63,336		13,746	195,289	-2	678,325
13,782	12,075	-25,790	3,425	56,209	-1,081	1,537	-171,168
							274
							-4,251
			15				15
			3,410				3,214
11,615	9,525						-6,054
2,167	2,551						20
		-25,790		56,209	-1,080		-165,921
					-1	1,537	1,535
	-3,215	-2,564		-4,414			-10,407
	0	-1,021		-17,462			-18,484
-11,028		-12,315					-34,096
2,200	-88	631	0	-268	73	7	12,048
3,628	12,083	21,014	3,425	48,348	194,134	1,528	432,121
3,628	0	12,717	3,425	20,784	38,575		163,438
		356	3,425				35,444
	0	828					2,017
3,628	0	11,533		20,784	38,575		125,977
	3	894		842			44,626
	3	894					39,329
				842			3,174
							972
							895
							255
	12,080	7,404		26,723	155,559	1,527	224,057
	11,091	6,316		12,120	149,640	109	190,362
	0	241		8,350			9,438
	989	846		6,253	5,919	1,419	24,257

Energy Balance Sheet of SAARC Region by-Source for 2006

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	254,510		41,901		
Imports	27,667	2,901	122,321	10,056	17,235
Exports	-930	-47		-17,804	-15,098
Marine / aviation bunkers				-4,659	-274
Stock change	-5,814		-145	-65	-285
PRIMARY ENERGY REQUIREMENT	275,433	2,854	164,078	-12,472	1,577
Energy Converted	-205,331	8,017	-163,800	50,748	68,970
Briquetting plants		213			
Coke ovens and coke plants	-10,851	7,912			
Gasworks					
Blast furnaces		-108			
Petroleum refineries			-158,908	51,431	77,624
NGL processing plants			-4,892		
Electric power plants	-194,480			-683	-8,655
Other conversion industries					
Consumption by energy sector			-88		-3,748
Losses in transportation and distribution				0	0
Consumption for non-energy uses				-11,732	
Statistical differences	69	0	189	614	6,241
FINAL ENERGY CONSUMPTION	70,033	10,870	0	25,931	60,557
<i>Consumption by industry and construction</i>	<i>69,456</i>	<i>10,657</i>		<i>2,604</i>	<i>8,205</i>
Iron and steel industry	29,839	10,657		34	1,065
Chemical industry	479			1,239	435
Other industry and construction	39,138	1		1,330	6,705
<i>Consumption by transport</i>				<i>12,759</i>	<i>33,429</i>
Road				11,772	29,856
Rail					2,203
Air				987	
Inland and coastal waterways					1,099
By other modes of transportation				1	271
<i>Cons. by households and other consumers</i>	<i>577</i>	<i>213</i>		<i>10,568</i>	<i>18,923</i>
Households	149	213		10,339	
Agriculture					8,601
Other consumers	428			228	10,322

Energy Balance Sheet of SAARC Region by-Source for 2006

(Thousand tonnes of oil equivalent)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		67,474		15,262	216,163		595,310
2,497	2,784			343	170	1	185,976
-1,994	-120			-333	0	-5	-36,331
							-4,933
16		-3					-6,296
518	2,665	67,471		15,272	216,333	-3	733,725
16,128	12,041	-26,870	3,892	60,615	-4,129	1,556	-178,163
							213
							-2,939
			15				15
			3,877				3,769
13,848	9,408						-6,596
2,280	2,633						20
		-26,870		60,615	-1,103		-171,176
					-3,026	1,556	-1,470
	-2,409	-2,179		-4,094			-12,518
	0	-1,386		-17,683			-19,069
-14,470		-13,110					-39,311
2,153	105	1,739	0	375	-2	0	11,483
24	12,192	22,188	3,892	53,736	212,206	1,553	473,181
24	33	13,170	3,892	23,665	45,602		177,307
		398	3,892				45,885
	9						2,162
24	25	12,772		23,665	45,602		129,260
	3	1,541		914			48,647
	3	1,541					43,172
				914			3,117
							987
							1,099
	0						272
	12,155	7,477		29,157	166,604	1,553	247,226
	11,771	6,406		13,323	160,694	116	203,012
	0	175		9,112			17,888
	384	895		6,721	5,910	1,437	26,327

Energy Balance Sheet of SAARC Region by-Source for 2007

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	270,486		41,779		
Imports	32,706	2,656	133,116	11,812	16,901
Exports	-979	-60		-20,187	-19,019
Marine / aviation bunkers				-5,263	-180
Stock change	-1,232		-111	220	-318
PRIMARY ENERGY REQUIREMENT	300,982	2,595	174,783	-13,418	-2,615
Energy Converted	-223,252	8,033	-173,711	52,498	73,415
Briquetting plants		231			
Coke ovens and coke plants	-11,500	7,963			
Gasworks					0
Blast furnaces		-162			
Petroleum refineries			-169,202	53,378	82,706
NGL processing plants			-4,510		
Electric power plants	-211,752			-880	-9,292
Other conversion industries					
Consumption by energy sector			-81		-3,528
Losses in transportation and distribution			-8	0	-2
Consumption for non-energy uses				-12,584	
Statistical differences	454	27	983	-4,842	-1,044
FINAL ENERGY CONSUMPTION	77,276	10,602	0	31,338	68,313
<i>Consumption by industry and construction</i>	<i>76,747</i>	<i>10,371</i>		<i>6,988</i>	<i>6,466</i>
Iron and steel industry	34,147	10,371		56	1,058
Chemical industry	475			6,262	2,012
Other industry and construction	42,126			670	3,395
<i>Consumption by transport</i>				<i>14,118</i>	<i>34,623</i>
Road				13,098	32,959
Rail					718
Air				1,020	
Inland and coastal waterways					898
By other modes of transportation				0	47
<i>Cons. by households and other consumers</i>	<i>529</i>	<i>231</i>		<i>10,233</i>	<i>27,225</i>
Households	239	231		10,152	
Agriculture					9,821
Other consumers	289			81	17,404

Energy Balance Sheet of SAARC Region by-Source for 2007

(Thousand tonnes of oil equivalent)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		70,501		15,600	210,757		609,124
3,073	3,336			561	170	22	204,354
-1,944	-106			-488	0	-6	-42,789
							-5,442
11	0	-1					-1,431
1,140	3,230	70,501		15,674	210,927	16	763,816
18,030	12,437	-27,088	3,894	65,520	-4,100	1,574	-192,752
							231
							-3,536
			16				16
			3,878				3,716
16,089	9,847						-7,180
1,940	2,589						20
		-27,088		65,520	-1,104		-184,596
					-2,996	1,574	-1,422
	-2,394	-2,267		-4,322			-12,593
	0	-1,401		-17,781			-19,191
-17,198		-14,646					-44,428
1,969	-21	1,331	0	654	1,075	3	590
3	13,293	23,767	3,894	58,437	205,752	1,587	494,262
3	98	13,974	3,894	25,824	45,655		190,019
		410	3,894				49,935
	6						8,755
3	92	13,564		25,824	45,655		131,329
	3	2,054		939			51,738
	3	2,054					48,114
				939			1,657
							1,020
							898
	0						48
	13,192	7,739		31,673	160,096	1,587	252,505
	12,536	6,605		14,221	154,044	139	198,168
	0	166		9,576			19,563
	656	968		7,876	6,052	1,448	34,774

Energy Balance Sheet of SAARC Region by-Source for 2008

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	290,506		41,094		
Imports	37,033	1,206	142,413	9,895	18,397
Exports	-999	-829		-18,612	-20,825
Marine / aviation bunkers				-4,961	-223
Stock change	-176		-195	88	9,291
PRIMARY ENERGY REQUIREMENT	326,364	378	183,312	-13,590	6,640
Energy Converted	-224,165	8,138	-183,257	51,010	74,787
Briquetting plants		224			
Coke ovens and coke plants	-9,684	8,330			
Gasworks					
Blast furnaces		-416			
Petroleum refineries			-178,618	52,624	88,351
NGL processing plants			-4,639		
Electric power plants	-214,481			-1,614	-13,565
Other conversion industries					
Consumption by energy sector			-78		-4,519
Losses in transportation and distribution			-7	-1	-1
Consumption for non-energy uses				-1,467	
Statistical differences	1,520	41	-30	1,605	-10,611
FINAL ENERGY CONSUMPTION	100,679	8,474	0	34,347	87,518
<i>Consumption by industry and construction</i>	<i>100,197</i>	<i>8,250</i>		<i>3,477</i>	<i>24,843</i>
Iron and steel industry	22,135	8,250		74	2,475
Chemical industry	1,916			1,375	3,224
Other industry and construction	76,145			2,029	19,144
<i>Consumption by transport</i>				<i>15,259</i>	<i>42,945</i>
Road				14,346	37,418
Rail					2,424
Air				912	
Inland and coastal waterways					2,093
By other modes of transportation				0	1,010
<i>Cons. by households and other consumers</i>	<i>483</i>	<i>224</i>		<i>15,611</i>	<i>19,730</i>
Households	216	224		9,973	
Agriculture					11,597
Other consumers	267			5,638	8,133

Energy Balance Sheet of SAARC Region by-Source for 2008

(Thousand tonnes of oil equivalent)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		74,080		14,728	212,015		632,422
3,748	2,876			619	172	42	216,401
-800	-116			-505	0	-24	-42,709
							-5,184
-21	1,589	-3					10,573
2,928	4,349	74,077		14,842	212,186	18	811,502
17,357	10,501	-27,707	4,004	68,879	-4,144	1,590	-203,007
							224
							-1,355
			17				17
			3,987				3,571
15,340	7,859						-14,444
2,017	2,642						20
		-27,707		68,879	-1,117		-189,604
					-3,027	1,590	-1,437
	-2,424	-1,710		-4,577			-13,307
	0	-577		-15,470			-16,056
-18,051		-13,630					-33,148
2,223	-209	3,006	0	553	1,281	7	-616
11	12,635	27,447	4,004	63,121	206,762	1,601	546,600
11	98	16,482	4,004	28,038	44,955		230,355
		339	4,004				37,276
	6						6,522
11	92	16,143		28,038	44,955		186,557
	4	2,725		1,026			61,959
	4	2,725					54,493
				1,026			3,450
							912
							2,093
							1,010
	12,533	8,240		34,057	161,807	1,601	254,286
	11,965	7,053		15,140	155,707	154	200,432
	0	155		10,462			22,215
	568	1,031		8,455	6,100	1,448	31,640

Energy Balance Sheet of SAARC Region by-Source for 2009

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	313,297		41,216		
Imports	45,182	1,428	167,667	6,957	18,908
Exports	-1,414	-53		-26,513	-23,564
Marine / aviation bunkers				-5,312	-267
Stock change	-9,404		78	153	16,680
PRIMARY ENERGY REQUIREMENT	347,660	1,375	208,961	-24,715	11,758
Energy Converted	-240,883	8,055	-208,784	59,620	87,375
Briquetting plants		235			
Coke ovens and coke plants	-12,984	7,970			
Gasworks					0
Blast furnaces		-150			
Petroleum refineries			-204,160	60,817	102,366
NGL processing plants			-4,623		
Electric power plants	-227,899			-1,197	-14,991
Other conversion industries					
Consumption by energy sector			-84		-5,279
Losses in transportation and distribution			-31	-4	-2
Consumption for non-energy uses				-1,082	
Statistical differences	-221	66	61	-3,757	-1,203
FINAL ENERGY CONSUMPTION	106,998	9,364	0	37,577	95,055
<i>Consumption by industry and construction</i>	<i>106,564</i>	<i>9,129</i>		<i>4,554</i>	<i>27,531</i>
Iron and steel industry	23,487	9,129		113	2,787
Chemical industry	1,523			1,548	3,596
Other industry and construction	81,554			2,893	21,147
<i>Consumption by transport</i>				<i>17,725</i>	<i>43,661</i>
Road				16,797	38,263
Rail					3,134
Air				928	
Inland and coastal waterways					1,848
By other modes of transportation				0	415
<i>Cons. by households and other consumers</i>	<i>434</i>	<i>235</i>		<i>15,298</i>	<i>23,863</i>
Households	372	235		9,987	
Agriculture					13,031
Other consumers	62			5,311	10,832

Energy Balance Sheet of SAARC Region by-Source for 2009

(Thousand tonnes of oil equivalent)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		86,364		14,601	207,135		662,613
5,269	3,290			610	173	43	249,526
-2,856	-140			-502	0	-146	-55,188
							-5,578
5	1,586	-4					9,094
2,418	4,736	86,360		14,709	207,309	-103	860,467
18,672	11,668	-34,188	3,909	74,407	-4,161	1,601	-222,709
							235
							-5,015
			18				18
			3,891				3,742
16,750	8,946						-15,281
1,922	2,722						21
		-34,188		74,407	-1,115		-204,983
					-3,047	1,601	-1,446
	-2,436	-1,171		-4,587			-13,557
	0	-1,187		-17,142			-18,365
-19,331		-19,142					-39,555
1,748	-1,014	169		-720	1,514	7	-3,349
11	14,983	30,504	3,909	68,107	201,633	1,491	569,631
11	1,056	18,817	3,909	31,305	38,765		241,639
		316	3,909				39,742
	9						6,676
11	1,047	18,500		31,305	38,765		195,222
	246	3,196		1,049			65,877
	5	3,196					58,261
				1,049			4,183
							928
							1,848
	240						656
	13,681	8,491		35,753	162,868	1,491	262,115
	12,756	7,236		14,928	156,578	153	202,245
	0	168		11,095			24,293
	925	1,088		9,731	6,291	1,338	35,576

Energy Balance Sheet of SAARC Region by-Source for 2010

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquetts and Cokes	Crude Petroleum and NGL	Light Petroleum Products	Heavy Petroleum Products
Production of Primary Energy	314,544		45,429		
Imports	42,474	1,986	176,735	10,144	19,788
Exports	-2,552	-137		-31,277	-26,956
Marine / aviation bunkers				-5,300	-208
Stock change	-4,195		-387	197	8,916
PRIMARY ENERGY REQUIREMENT	350,271	1,849	221,777	-26,237	1,541
Energy Converted	-215,788	6,487	-221,615	64,433	90,431
Briquetting plants		261			
Coke ovens and coke plants	-8,986	6,375			
Gasworks					
Blast furnaces		-149			
Petroleum refineries			-216,836	66,523	105,361
NGL processing plants			-4,779		
Electric power plants	-206,802			-2,089	-14,930
Other conversion industries					
Consumption by energy sector			-78		-4,570
Losses in transportation and distribution			-24	-3	-3
Consumption for non-energy uses				-2,037	
Statistical differences	38,382	127	60	-2,921	-2,741
FINAL ENERGY CONSUMPTION	96,101	8,209	0	39,078	90,140
<i>Consumption by industry and construction</i>	<i>94,865</i>	<i>7,949</i>		<i>4,306</i>	<i>27,086</i>
Iron and steel industry	25,092	7,949		125	2,998
Chemical industry	315			1,335	4,124
Other industry and construction	69,458			2,846	19,964
<i>Consumption by transport</i>				<i>20,155</i>	<i>38,793</i>
Road				19,188	33,496
Rail					2,509
Air				967	
Inland and coastal waterways					2,287
By other modes of transportation				0	501
<i>Cons. by households and other consumers</i>	<i>1,236</i>	<i>261</i>		<i>14,617</i>	<i>24,261</i>
Households	553	261		9,576	
Agriculture					14,863
Other consumers	684			5,041	9,398

Energy Balance Sheet of SAARC Region by-Source for 2010

(Thousand tonnes of oil equivalent)

Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Primary Biomass Energy	Derived Biomass Energy	Total Energy
		96,729		16,442	213,353		686,497
1,408	5,179			715	3	60	258,493
-4,224	-165			-497	0	-144	-65,951
							-5,508
19	2,058	-18					6,591
-2,797	7,073	96,712		16,660	213,357	-84	880,122
25,052	11,013	-42,127	3,509	77,623	-5,637	2,356	-204,263
							261
							-2,611
			18				18
			3,490				3,342
22,839	8,427						-13,687
2,213	2,586						20
		-42,127		77,623	-1,157		-189,483
					-4,480	2,356	-2,124
	-2,430	-1,368		-4,825			-13,271
	0	-2,679		-13,965			-16,674
-16,868		-19,514					-38,418
5,376	-573	6,289	0	5,631	957	9	50,594
12	16,229	24,734	3,509	69,863	206,763	2,262	556,901
12	1,109	11,919	3,509	27,148	43,473		221,373
		290	3,509				39,963
	11						5,784
12	1,098	11,629		27,148	43,473		175,627
	624	3,750		1,183			64,506
	6	3,750					56,440
				1,183			3,692
							967
							2,287
	618						1,119
	14,496	9,066		41,532	163,290	2,262	271,022
	13,445	7,779		18,923	156,690	169	207,396
	0	194		12,030			27,087
	1,051	1,093		10,580	6,600	2,093	36,540

Total Energy Balance Sheet by-Country for 2001

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	483	27,670	1,121	367,691		10,289	37,073	5,659	449,986
Imports	125	4,378	85	99,563	309	1,064	16,790	3,511	125,825
Exports		-43	-142	-10,934	-66	-12	-745	-89	-12,032
Marine / aviation bunkers	-5	-234		-2,390		-37	-786	-218	-3,670
Stock change	-10	-30		2,184			74	44	2,261
PRIMARY ENERGY REQUIREMENT	593	31,742	1,064	456,114	243	11,303	52,406	8,907	562,371
Energy Converted	-46	-3,139		-170,147	-21	22	-7,944	-403	-181,678
Briquetting plants				258					258
Coke ovens and coke plants				-6,875			-256		-7,131
Gasworks									
Blast furnaces							-185		-185
Petroleum refineries		-41		1,918			250	169	2,296
NGL processing plants				17			1		19
Electric power plants	-46	-3,297		-166,597	-21	-2	-7,791	-523	-178,277
Other conversion industries		199		1,131		24	38	-49	1,343
Consumption by energy sector	-3	-153	-1	-7,807	0	-10	-564	-142	-8,680
Losses in transportation and distribution	-11	-772	-3	-13,221	-2	-33	-2,482	-106	-16,631
Consumption for non-energy uses		-2,688		-22,739		-14	-3,076	-124	-28,641
Statistical differences	132	-31	6	6,160	0	33	1,526	-81	7,744
FINAL ENERGY CONSUMPTION	401	25,020	1,054	236,040	221	11,235	36,814	8,213	318,998
<i>Consumption by industry and construction</i>	<i>16</i>	<i>2,469</i>	<i>74</i>	<i>95,517</i>		<i>607</i>	<i>10,950</i>	<i>2,081</i>	<i>111,715</i>
Iron and steel industry				29,865			212	3	30,080
Chemical industry				2,759			0	15	2,774
Other industry and construction	16	2,469	74	62,893		607	10,738	2,063	78,862
<i>Consumption by transport</i>	<i>86</i>	<i>1,195</i>	<i>34</i>	<i>40,707</i>	<i>143</i>	<i>223</i>	<i>7,801</i>	<i>1,620</i>	<i>51,809</i>
Road	35	861	8	37,864	22	223	7,546	1,449	48,009
Rail		141		2,309		1	146	28	2,624
Air	51		1		10		0	140	202
Inland and coastal waterways		193		533	112			3	841
By other modes of transportation			25				108		133
<i>Cons. by households and other consumers</i>	<i>299</i>	<i>21,356</i>	<i>946</i>	<i>99,816</i>	<i>78</i>	<i>10,404</i>	<i>18,063</i>	<i>4,512</i>	<i>155,473</i>
Households	299	20,323	942	85,544	76	10,170	16,057	4,169	137,581
Agriculture		617		7,836		60	668	8	9,190
Other consumers		416	4	6,436	2	174	1,337	334	8,703

Total Energy Balance Sheet by-Country for 2002

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	418	28,413	1,141	383,911		10,591	37,808	5,416	467,697
Imports	97	4,375	84	105,779	369	863	16,323	3,841	131,732
Exports		-46	-144	-11,114	-79	-16	-644	-65	-12,107
Marine / aviation bunkers	-5	-241		-2,325		-43	-869	-241	-3,724
Stock change	0	-21		-870			31	-70	-931
PRIMARY ENERGY REQUIREMENT	509	32,480	1,081	475,380	290	11,396	52,649	8,882	582,667
Energy Converted	-47	-3,396		-166,650	-23	25	-8,236	-445	-178,773
Briquetting plants				345					345
Coke ovens and coke plants				-5,222			-258		-5,480
Gasworks									
Blast furnaces							-226		-226
Petroleum refineries		-37		2,066			153	168	2,350
NGL processing plants				19			1		21
Electric power plants	-47	-3,561		-165,737	-23	-1	-7,945	-564	-177,879
Other conversion industries		201		1,880		25	39	-49	2,097
Consumption by energy sector	-3	-151	-1	-8,747	0	-11	-564	-158	-9,635
Losses in transportation and distribution	-11	-852	-4	-13,758	-1	-35	-2,681	-106	-17,448
Consumption for non-energy uses		-2,355		-27,662		-13	-3,097	-90	-33,216
Statistical differences	50	0	9	12,532		41	1,477	-17	14,091
FINAL ENERGY CONSUMPTION	397	25,726	1,067	246,032	266	11,320	36,595	8,101	329,504
<i>Consumption by industry and construction</i>	<i>19</i>	<i>2,698</i>	<i>72</i>	<i>105,483</i>		<i>464</i>	<i>11,782</i>	<i>2,118</i>	<i>122,635</i>
Iron and steel industry				32,822			259	4	33,085
Chemical industry				6,066			0	58	6,124
Other industry and construction	19	2,698	72	66,594		464	11,523	2,056	83,426
<i>Consumption by transport</i>	<i>69</i>	<i>1,213</i>	<i>35</i>	<i>30,734</i>	<i>185</i>	<i>236</i>	<i>7,715</i>	<i>1,646</i>	<i>41,832</i>
Road	23	869	8	27,940	27	235	7,391	1,497	37,990
Rail		145		2,424		1	145	30	2,745
Air	46		1		11		0	116	173
Inland and coastal waterways		199		370	147			3	719
By other modes of transportation			26				179		205
<i>Cons. by households and other consumers</i>	<i>310</i>	<i>21,814</i>	<i>960</i>	<i>109,816</i>	<i>81</i>	<i>10,621</i>	<i>17,098</i>	<i>4,337</i>	<i>165,038</i>
Households	310	20,742	957	92,922	79	10,365	15,039	3,985	144,400
Agriculture		639		7,648		63	696	8	9,053
Other consumers		433	4	9,246	2	194	1,363	344	11,584

Total Energy Balance Sheet by-Country for 2003

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	382	23,869	1,181	445,232		3,848	42,696	1,520	518,728
Imports	167	4,262	68	113,770	288	929	12,874	3,437	135,795
Exports		-48	-156	-15,209		-17	-1,147	-1	-16,578
Marine / aviation bunkers	-8	-265		-2,457		-40	-155	-224	-3,149
Stock change		131		-961			221	121	-487
PRIMARY ENERGY REQUIREMENT	540	27,948	1,093	540,374	288	4,720	54,491	4,853	634,308
Energy Converted	5	-3,386	0	-146,899	-23	44	-8,237	-417	-158,914
Briquetting plants				311					311
Coke ovens and coke plants				-3,444			-504		-3,948
Gasworks				15				0	15
Blast furnaces				3,298			-158		3,140
Petroleum refineries		-44		-6,835			79	1	-6,800
NGL processing plants				20			1		21
Electric power plants	-56	-3,546	0	-142,216	-23	-1	-7,695	-419	-153,956
Other conversion industries	61	204		1,952		44	41	1	2,303
Consumption by energy sector	-4	-131	-1	-8,232	0	-10	-875	-167	-9,419
Losses in transportation and distribution	-13	-921	-7	-14,700	-1	-37	-2,424	-119	-18,222
Consumption for non-energy uses	-3	-2,843		-26,451		-13	-3,169	-105	-32,584
Statistical differences	-22	-241	6	5,320		44	1,211	-333	5,985
FINAL ENERGY CONSUMPTION	548	20,909	1,079	338,772	264	4,660	38,574	4,377	409,184
<i>Consumption by industry and construction</i>	<i>24</i>	<i>2,825</i>	<i>69</i>	<i>135,548</i>		<i>478</i>	<i>12,488</i>	<i>1,354</i>	<i>152,786</i>
Iron and steel industry				30,550			513	5	31,068
Chemical industry				4,573			779	106	5,458
Other industry and construction	24	2,825	69	100,426		478	11,196	1,243	116,261
<i>Consumption by transport</i>	<i>143</i>	<i>1,237</i>	<i>32</i>	<i>30,877</i>	<i>155</i>	<i>234</i>	<i>8,670</i>	<i>1,759</i>	<i>43,107</i>
Road	102	900	7	27,937	12	233	7,870	1,590	38,652
Rail		142		2,417		1	141	28	2,728
Air	41		1		13		659	140	853
Inland and coastal waterways		195		296	130			1	622
By other modes of transportation			24	228			0		251
<i>Cons. by households and other consumers</i>	<i>381</i>	<i>16,848</i>	<i>978</i>	<i>172,346</i>	<i>109</i>	<i>3,949</i>	<i>17,416</i>	<i>1,265</i>	<i>213,291</i>
Households	370	15,774	974	145,679	106	3,724	15,258	1,022	182,908
Agriculture	1	629		10,002		60	757	8	11,457
Other consumers	10	445	4	16,665	3	164	1,400	235	18,926

Total Energy Balance Sheet by-Country for 2004

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	381	24,733	1,198	456,373		3,883	45,921	1,477	533,966
Imports	203	4,308	81	123,364	367	886	16,058	4,017	149,284
Exports		-51	-170	-19,091		-9	-1,081	-37	-20,439
Marine / aviation bunkers	0	-273		-2,856		-53	-227	-246	-3,656
Stock change		55		-1,505			12	-8	-1,446
PRIMARY ENERGY REQUIREMENT	584	28,773	1,109	556,285	367	4,707	60,683	5,203	657,711
Energy Converted	-1	-4,251	0	-155,291	-26	43	-9,020	-541	-169,087
Briquetting plants				210					210
Coke ovens and coke plants				-3,910			-155		-4,065
Gasworks				14					14
Blast furnaces				3,129			-257		2,872
Petroleum refineries		-42		-3,761			99	17	-3,687
NGL processing plants				19			1		20
Electric power plants	-64	-4,415	0	-152,152	-26	-3	-8,751	-559	-165,971
Other conversion industries	63	206		1,162		45	42	1	1,520
Consumption by energy sector	-4	-132	-2	-8,529	-1	-14	-943	-190	-9,814
Losses in transportation and distribution	-14	-1,058	-9	-14,826	-1	-43	-1,941	-118	-18,009
Consumption for non-energy uses	-7	-2,722		-29,212		-19	-3,339	-112	-35,410
Statistical differences	9	-282	6	9,144		45	1,373	-304	9,991
FINAL ENERGY CONSUMPTION	549	20,892	1,093	339,283	340	4,629	44,068	4,546	415,399
<i>Consumption by industry and construction</i>	<i>23</i>	<i>2,433</i>	<i>66</i>	<i>131,793</i>		<i>462</i>	<i>15,908</i>	<i>1,438</i>	<i>152,123</i>
Iron and steel industry				31,654			624	5	32,283
Chemical industry				4,797			784	99	5,680
Other industry and construction	23	2,433	66	95,342		462	14,500	1,334	114,160
<i>Consumption by transport</i>	<i>133</i>	<i>1,214</i>	<i>34</i>	<i>32,142</i>	<i>197</i>	<i>239</i>	<i>9,817</i>	<i>1,886</i>	<i>45,660</i>
Road	70	875	8	29,237	19	238	8,797	1,688	40,932
Rail		143		2,425		1	290	26	2,884
Air	63		1		16		730	172	982
Inland and coastal waterways		196		304	163			0	663
By other modes of transportation			24	175			0		200
<i>Cons. by households and other consumers</i>	<i>393</i>	<i>17,245</i>	<i>993</i>	<i>175,348</i>	<i>142</i>	<i>3,928</i>	<i>18,343</i>	<i>1,223</i>	<i>217,615</i>
Households	382	16,087	989	148,592	139	3,701	16,076	943	186,909
Agriculture	1	690		10,260		67	731	10	11,759
Other consumers	10	468	4	16,496	3	160	1,536	270	18,947

Total Energy Balance Sheet by-Country for 2005

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	390	25,702	1,236	473,089		3,916	46,988	1,530	552,850
Imports	216	4,537	67	132,311	332	1,013	16,370	3,963	158,809
Exports		-84	-170	-21,871		-11	-1,300	0	-23,437
Marine / aviation bunkers	-10	-309		-3,345		-59	-288	-297	-4,308
Stock change		320		-5,890			17	-37	-5,590
PRIMARY ENERGY REQUIREMENT	596	30,167	1,133	574,295	332	4,859	61,786	5,158	678,325
Energy Converted	3	-3,747	0	-158,107	-31	44	-8,782	-547	-171,168
Briquetting plants				274					274
Coke ovens and coke plants				-4,190			-62		-4,251
Gasworks				15				0	15
Blast furnaces				3,328			-114		3,214
Petroleum refineries		-66		-6,205			231	-13	-6,054
NGL processing plants				18			2		20
Electric power plants	-63	-3,889	0	-152,519	-31	-2	-8,882	-535	-165,921
Other conversion industries	65	209		1,171		46	43	1	1,535
Consumption by energy sector	-4	-131	-1	-9,267	-1	-13	-815	-177	-10,407
Losses in transportation and distribution	-13	-908	-10	-15,212	-1	-45	-2,171	-124	-18,484
Consumption for non-energy uses	-7	-2,733		-27,761		-21	-3,438	-137	-34,096
Statistical differences	-6	-19	31	10,537		51	1,818	-363	12,048
FINAL ENERGY CONSUMPTION	581	22,667	1,092	353,410	299	4,773	44,761	4,537	432,121
<i>Consumption by industry and construction</i>	<i>24</i>	<i>3,003</i>	<i>73</i>	<i>141,706</i>		<i>560</i>	<i>16,518</i>	<i>1,553</i>	<i>163,438</i>
Iron and steel industry				34,953			487	4	35,444
Chemical industry				1,060			828	129	2,017
Other industry and construction	24	3,003	73	105,693		560	15,203	1,420	125,977
<i>Consumption by transport</i>	<i>136</i>	<i>1,418</i>	<i>34</i>	<i>31,640</i>	<i>173</i>	<i>250</i>	<i>9,243</i>	<i>1,732</i>	<i>44,626</i>
Road	80	1,012	8	28,198	20	249	8,248	1,514	39,329
Rail		171		2,711		1	267	25	3,174
Air	56		1		13		729	173	972
Inland and coastal waterways		235		500	140			20	895
By other modes of transportation			25	231			0		255
<i>Cons. by households and other consumers</i>	<i>421</i>	<i>18,246</i>	<i>985</i>	<i>180,065</i>	<i>126</i>	<i>3,964</i>	<i>19,000</i>	<i>1,251</i>	<i>224,057</i>
Households	395	16,868	981	150,892	122	3,728	16,447	930	190,362
Agriculture	3	841		7,765		67	753	9	9,438
Other consumers	24	537	4	21,409	4	168	1,799	312	24,257

Total Energy Balance Sheet by-Country for 2006

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	404	27,672	1,436	497,296		3,944	61,415	3,144	595,310
Imports	443	6,241	74	154,399	454	847	19,346	4,172	185,976
Exports		-190	-353	-34,347		-6	-1,388	-47	-36,331
Marine / aviation bunkers	-10	-310	-1	-4,033		-51	-274	-255	-4,933
Stock change		101		-5,814			-471	-112	-6,296
PRIMARY ENERGY REQUIREMENT	837	33,513	1,156	607,501	454	4,734	78,629	6,902	733,725
Energy Converted	-174	-5,360	-13	-161,714	-36	-48	-10,462	-356	-178,163
Briquetting plants				213					213
Coke ovens and coke plants				-2,905			-34		-2,939
Gasworks				15					15
Blast furnaces				3,832			-63		3,769
Petroleum refineries		-61		-6,572			-119	156	-6,596
NGL processing plants				17			3		20
Electric power plants	-50	-5,110	0	-155,257	-36	-3	-10,209	-511	-171,176
Other conversion industries	-125	-189	-13	-1,058		-45	-40	-1	-1,470
Consumption by energy sector	-4	-147		-11,343	-1	-3	-839	-182	-12,518
Losses in transportation and distribution	-17	-998	-10	-15,461	-1	-69	-2,389	-125	-19,069
Consumption for non-energy uses	-7	-2,772	-1	-32,625			-3,689	-218	-39,311
Statistical differences	-41	1,921	0	7,206		1	2,278	118	11,483
FINAL ENERGY CONSUMPTION	676	22,316	1,132	379,151	416	4,614	58,971	5,904	473,181
<i>Consumption by industry and construction</i>	<i>28</i>	<i>3,441</i>	<i>64</i>	<i>151,180</i>		<i>476</i>	<i>20,614</i>	<i>1,503</i>	<i>177,307</i>
Iron and steel industry				45,404			470	11	45,885
Chemical industry				2,162				0	2,162
Other industry and construction	28	3,441	64	103,614		476	20,144	1,492	129,260
<i>Consumption by transport</i>	<i>342</i>	<i>1,637</i>	<i>54</i>	<i>34,839</i>	<i>225</i>	<i>265</i>	<i>9,568</i>	<i>1,715</i>	<i>48,647</i>
Road	286	1,251	12	31,186	24	265	8,681	1,467	43,172
Rail		164		2,766		1	161	26	3,117
Air	56				17		725	189	987
Inland and coastal waterways		222		659	184			34	1,099
By other modes of transportation			42	229			1		272
<i>Cons. by households and other consumers</i>	<i>305</i>	<i>17,238</i>	<i>1,014</i>	<i>193,131</i>	<i>191</i>	<i>3,872</i>	<i>28,789</i>	<i>2,686</i>	<i>247,226</i>
Households	251	16,118	997	153,417	186	3,653	26,020	2,371	203,012
Agriculture	5	598		16,423		66	788	8	17,888
Other consumers	49	522	17	23,292	5	153	1,982	307	26,327

Total Energy Balance Sheet by-Country for 2007

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	557	28,617	1,626	519,612		3,954	51,772	2,987	609,124
Imports	511	5,713	95	171,325	463	862	21,381	4,003	204,354
Exports		-267	-513	-40,626		-5	-1,376	-1	-42,789
Marine / aviation bunkers	-10	-275	-1	-4,702		-55	-296	-103	-5,442
Stock change		107		-1,232			-311	5	-1,431
PRIMARY ENERGY REQUIREMENT	1,058	33,894	1,207	644,377	463	4,756	71,169	6,890	763,816
Energy Converted	-122	-5,536	-13	-175,509	-42	-48	-10,886	-596	-192,752
Briquetting plants				231					231
Coke ovens and coke plants				-3,484			-52		-3,536
Gasworks				16				0	16
Blast furnaces				3,810			-94		3,716
Petroleum refineries		-35		-6,965			-299	119	-7,180
NGL processing plants				17			3		20
Electric power plants	-59	-5,310	0	-168,068	-42	-2	-10,400	-714	-184,596
Other conversion industries	-62	-191	-13	-1,066		-46	-44	-1	-1,422
Consumption by energy sector	-4	-224		-11,508		-3	-686	-168	-12,593
Losses in transportation and distribution	-17	-801	-13	-15,838		-71	-2,318	-133	-19,191
Consumption for non-energy uses	-7	-2,871	-1	-37,717			-3,703	-129	-44,428
Statistical differences	118	1,138	0	-2,357		-1	1,657	36	590
FINAL ENERGY CONSUMPTION	789	23,325	1,181	406,163	422	4,635	51,919	5,828	494,262
<i>Consumption by industry and construction</i>	<i>28</i>	<i>3,948</i>	<i>78</i>	<i>164,433</i>		<i>517</i>	<i>19,582</i>	<i>1,433</i>	<i>190,019</i>
Iron and steel industry				49,413			518	4	49,935
Chemical industry				8,754				1	8,755
Other industry and construction	28	3,948	78	106,266		517	19,064	1,428	131,329
<i>Consumption by transport</i>	<i>381</i>	<i>1,887</i>	<i>60</i>	<i>35,809</i>	<i>230</i>	<i>272</i>	<i>11,315</i>	<i>1,784</i>	<i>51,738</i>
Road	323	1,458	13	34,090	29	272	10,573	1,356	48,114
Rail		182		1,290		1	158	26	1,657
Air	58				13		583	366	1,020
Inland and coastal waterways		247		428	188			36	898
By other modes of transportation			46	1			0		48
<i>Cons. by households and other consumers</i>	<i>380</i>	<i>17,490</i>	<i>1,043</i>	<i>205,921</i>	<i>192</i>	<i>3,846</i>	<i>21,022</i>	<i>2,611</i>	<i>252,505</i>
Households	304	16,218	1,024	156,427	186	3,635	18,107	2,268	198,168
Agriculture	8	735		17,934		55	824	7	19,563
Other consumers	68	537	20	31,561	6	156	2,091	336	34,774

Total Energy Balance Sheet by-Country for 2008

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	623	29,777	1,685	541,420		3,973	52,012	2,932	632,422
Imports	1,066	4,187	107	184,623	491	974	21,086	3,867	216,401
Exports	0	-294	-535	-40,631		-4	-1,243	-2	-42,709
Marine / aviation bunkers	-10	-244	-1	-4,433		-55	-321	-121	-5,184
Stock change		61		10,985			-465	-8	10,573
PRIMARY ENERGY REQUIREMENT	1,678	33,488	1,256	691,964	491	4,888	71,069	6,667	811,502
Energy Converted	-118	-6,051	-13	-184,961	-48	-49	-11,098	-669	-203,007
Briquetting plants				224					224
Coke ovens and coke plants	0			-1,174			-181		-1,355
Gasworks				17					17
Blast furnaces				3,814			-242		3,571
Petroleum refineries		-27		-14,141			-325	49	-14,444
NGL processing plants				18			3		20
Electric power plants	-54	-5,831	0	-172,645	-48	-2	-10,306	-718	-189,604
Other conversion industries	-64	-193	-12	-1,073		-47	-46	0	-1,437
Consumption by energy sector	-5	-236		-12,351		-3	-549	-164	-13,307
Losses in transportation and distribution	-17	-561	-14	-13,464		-76	-1,797	-127	-16,056
Consumption for non-energy uses	-7	-2,411	-1	-26,861			-3,708	-160	-33,148
Statistical differences	202	-652	0	-3,059		19	3,043	-168	-616
FINAL ENERGY CONSUMPTION	1,330	24,881	1,229	457,386	443	4,742	50,874	5,715	546,600
<i>Consumption by industry and construction</i>	<i>28</i>	<i>4,585</i>	<i>103</i>	<i>205,135</i>		<i>504</i>	<i>18,651</i>	<i>1,349</i>	<i>230,355</i>
Iron and steel industry				36,656			616	4	37,276
Chemical industry				6,522				0	6,522
Other industry and construction	28	4,585	103	161,957		504	18,035	1,345	186,557
<i>Consumption by transport</i>	<i>908</i>	<i>2,289</i>	<i>62</i>	<i>45,249</i>	<i>247</i>	<i>400</i>	<i>11,012</i>	<i>1,794</i>	<i>61,959</i>
Road	845	1,807	14	39,494	28	399	10,545	1,362	54,493
Rail		204		3,213		0	7	25	3,450
Air	63				24		459	366	912
Inland and coastal waterways		277		1,580	195			41	2,093
By other modes of transportation			48	962			0		1,010
<i>Cons. by households and other consumers</i>	<i>394</i>	<i>18,007</i>	<i>1,065</i>	<i>207,002</i>	<i>196</i>	<i>3,839</i>	<i>21,211</i>	<i>2,572</i>	<i>254,286</i>
Households	318	16,499	1,044	158,260	189	3,600	18,274	2,248	200,432
Agriculture	8	926		20,383		80	812	5	22,215
Other consumers	68	582	21	28,360	7	159	2,124	319	31,640

Total Energy Balance Sheet by-Country for 2009

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	755	31,269	1,650	570,438		4,003	51,716	2,783	662,613
Imports	1,808	4,635	115	216,232	508	1,157	21,154	3,916	249,526
Exports	-9	-143	-476	-53,068		-6	-1,482	-3	-55,188
Marine / aviation bunkers	-10	-217	-1	-4,783		-65	-406	-96	-5,578
Stock change		274		8,927			-317	210	9,094
PRIMARY ENERGY REQUIREMENT	2,544	35,817	1,288	737,746	508	5,089	70,665	6,811	860,467
Energy Converted	-91	-6,767	-12	-203,966	-50	-50	-11,049	-723	-222,709
Briquetting plants				235					235
Coke ovens and coke plants	9			-4,957			-67		-5,015
Gasworks				18				0	18
Blast furnaces				3,829			-87		3,742
Petroleum refineries		-13		-15,105			-260	96	-15,281
NGL processing plants				19			2		21
Electric power plants	-34	-6,559	0	-186,924	-50	-3	-10,595	-818	-204,983
Other conversion industries	-66	-195	-12	-1,081		-48	-43	-1	-1,446
Consumption by energy sector	-4	-254		-12,625		-3	-495	-174	-13,557
Losses in transportation and distribution	-17	-347	-14	-15,231		-91	-2,514	-152	-18,365
Consumption for non-energy uses	-7	-2,278	-1	-33,134			-3,968	-167	-39,555
Statistical differences	673	-18	0	-5,405		-2	1,387	15	-3,349
FINAL ENERGY CONSUMPTION	1,751	26,189	1,261	478,195	459	4,946	51,250	5,580	569,631
<i>Consumption by industry and construction</i>	<i>28</i>	<i>5,037</i>	<i>108</i>	<i>216,493</i>		<i>520</i>	<i>18,289</i>	<i>1,164</i>	<i>241,639</i>
Iron and steel industry				39,320			416	6	39,742
Chemical industry				6,676					6,676
Other industry and construction	28	5,037	108	170,497		520	17,873	1,158	195,222
<i>Consumption by transport</i>	<i>1,243</i>	<i>2,634</i>	<i>69</i>	<i>48,073</i>	<i>260</i>	<i>520</i>	<i>11,284</i>	<i>1,793</i>	<i>65,877</i>
Road	1,148	2,092	15	42,396	29	520	10,664	1,396	58,261
Rail		230		3,788		0	133	31	4,183
Air	94				26		486	321	928
Inland and coastal waterways		312		1,287	204			45	1,848
By other modes of transportation			54	602			0		656
<i>Cons. by households and other consumers</i>	<i>480</i>	<i>18,519</i>	<i>1,083</i>	<i>213,629</i>	<i>199</i>	<i>3,905</i>	<i>21,677</i>	<i>2,623</i>	<i>262,115</i>
Households	396	16,744	1,057	159,326	190	3,630	18,599	2,303	202,245
Agriculture	8	1,129		22,172		103	876	4	24,293
Other consumers	76	646	25	32,130	9	172	2,202	316	35,576

Total Energy Balance Sheet by-Country for 2010

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	919	32,632	1,718	592,166	4	4,023	52,187	2,849	686,497
Imports	2,250	5,336	154	223,088	339	1,260	21,839	4,228	258,493
Exports	-22	-152	-495	-63,640		-3	-1,610	-30	-65,951
Marine / aviation bunkers	-10	-195	-1	-4,783		-80	-333	-105	-5,508
Stock change		-96		6,863			-55	-122	6,591
PRIMARY ENERGY REQUIREMENT	3,136	37,525	1,376	753,694	343	5,200	72,028	6,820	880,122
Energy Converted	-80	-7,740	-12	-185,587	-42	-50	-10,205	-547	-204,263
Briquetting plants				261					261
Coke ovens and coke plants	22			-2,568			-65		-2,611
Gasworks				18					18
Blast furnaces				3,428			-86		3,342
Petroleum refineries		-4		-13,471			-290	78	-13,687
NGL processing plants				18			2		20
Electric power plants	-34	-7,539	0	-171,522	-42	-1	-9,721	-624	-189,483
Other conversion industries	-68	-197	-12	-1,752		-49	-44	-2	-2,124
Consumption by energy sector	-2	-275		-12,427		-3	-441	-123	-13,271
Losses in transportation and distribution	-34	-1,130	-16	-12,337		-92	-2,917	-146	-16,674
Consumption for non-energy uses	-7	-1,985	-1	-32,465			-3,800	-160	-38,418
Statistical differences	570	2	27	46,939		0	3,080	-23	50,594
FINAL ENERGY CONSUMPTION	2,443	26,393	1,320	463,938	300	5,055	51,585	5,866	556,901
<i>Consumption by industry and construction</i>	<i>45</i>	<i>4,230</i>	<i>132</i>	<i>197,394</i>		<i>540</i>	<i>17,814</i>	<i>1,218</i>	<i>221,373</i>
Iron and steel industry				39,564			389	10	39,963
Chemical industry				5,784				0	5,784
Other industry and construction	45	4,230	132	152,047		540	17,425	1,208	175,627
<i>Consumption by transport</i>	<i>1,904</i>	<i>2,992</i>	<i>90</i>	<i>44,965</i>	<i>274</i>	<i>569</i>	<i>11,660</i>	<i>2,053</i>	<i>64,506</i>
Road	1,871	2,380	18	38,927	31	568	11,034	1,611	56,440
Rail		260		3,303		0	102	26	3,692
Air	32				21		524	390	967
Inland and coastal waterways		352		1,687	222			26	2,287
By other modes of transportation			72	1,047			0		1,119
<i>Cons. by households and other consumers</i>	<i>495</i>	<i>19,171</i>	<i>1,098</i>	<i>221,580</i>	<i>26</i>	<i>3,947</i>	<i>22,111</i>	<i>2,595</i>	<i>271,022</i>
Households	451	17,093	1,088	163,766	19	3,653	19,048	2,278	207,396
Agriculture	8	1,357		24,810		110	798	3	27,087
Other consumers	35	721	10	33,004	8	184	2,264	314	36,540

Solid Fuels Balance Sheet of SAARC Region

(Thousand tonnes of coal equivalent)

Years Production and utilization	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Production of Primary Energy	340,521	354,702	310,894	330,201	350,601	370,130	393,364	422,478	455,623	457,437
Imports	24,780	27,324	25,851	32,548	38,158	44,454	51,426	55,611	67,785	64,657
Exports	-1,943	-1,555	-1,560	-1,298	-1,837	-1,422	-1,511	-2,657	-2,133	-3,911
Stock change	3,176	-1,266	-1,397	-2,321	-8,565	-8,455	-1,792	-256	-13,676	-6,100
PRIMARY ENERGY REQUIREMENT	366,534	379,206	333,787	359,130	378,356	404,708	441,488	475,175	507,597	512,083
Energy Converted	-283,576	-284,348	-245,623	-267,287	-276,131	-286,951	-312,989	-314,165	-338,598	-304,383
Briquetting plants	376	501	452	306	399	310	336	326	342	379
Coke ovens and coke plants	-10,370	-7,969	-5,742	-5,912	-6,183	-4,275	-5,143	-1,970	-7,293	-3,797
Blast furnaces	-463	-565	-394	-641	-285	-157	-235	-605	-218	-216
Electric power plants	-273,119	-276,315	-239,939	-261,039	-270,062	-282,829	-307,948	-311,916	-331,430	-300,749
Consumption by energy sector	0	0								
Statistical differences	52	308	3,786	4,539	-27	100	699	2,270	-225	56,003
FINAL ENERGY CONSUMPTION	82,906	94,549	84,378	87,305	102,251	117,656	127,799	158,740	169,224	151,697
<i>Consumption by industry and construction</i>	<i>80,723</i>	<i>92,545</i>	<i>82,821</i>	<i>86,023</i>	<i>100,962</i>	<i>116,507</i>	<i>126,694</i>	<i>157,712</i>	<i>168,251</i>	<i>149,520</i>
Iron and steel industry	41,255	45,287	38,019	40,267	44,585	58,893	64,741	44,188	47,433	48,050
Chemical industry	1,315	2,094	1,717	1,834	1,022	696	690	2,787	2,215	458
Other industry and construction	38,153	45,164	43,085	43,922	55,354	56,918	61,263	110,737	118,602	101,012
<i>Consumption by transport</i>	<i>4</i>	<i>5</i>	<i>4</i>	<i>0</i>	<i>0</i>					
Rail	4	5	4	0	0					
<i>Cons. by households and other consumers</i>	<i>2,178</i>	<i>1,999</i>	<i>1,553</i>	<i>1,282</i>	<i>1,290</i>	<i>1,149</i>	<i>1,105</i>	<i>1,028</i>	<i>973</i>	<i>2,177</i>
Households	380	1,368	756	574	642	527	684	640	884	1,183
Other consumers	1,798	631	797	708	648	622	421	388	89	994

Solid Fuels Balance Sheet by-Country for 2001

(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	26		50	337,340		10	3,095		340,521
Imports		700	50	22,598		482	950	1	24,780
Exports			-35	-1,908					-1,943
Stock change				3,176					3,176
PRIMARY ENERGY REQUIREMENT	26	700	65	361,205		492	4,045	1	366,534
Energy Converted	-26			-282,509			-1,041		-283,576
Briquetting plants				376					376
Coke ovens and coke plants				-9,998			-372		-10,370
Blast furnaces							-463		-463
Electric power plants	-26			-272,887			-206		-273,119
Consumption by energy sector				0					0
Statistical differences		0		52		0	0	0	52
FINAL ENERGY CONSUMPTION	0	700	65	78,643		492	3,004	1	82,906
<i>Consumption by industry and construction</i>		700	65	76,464		490	3,003	1	80,723
Iron and steel industry				41,140			115		41,255
Chemical industry				1,315					1,315
Other industry and construction		700	65	34,009		490	2,888	1	38,153
<i>Consumption by transport</i>				4					4
Rail				4					4
By other modes of transportation									
<i>Cons. by households and other consumers</i>				2,175		2	1		2,178
Households				377		2	1		380
Other consumers				1,798			0		1,798

Solid Fuels Balance Sheet by-Country for 2002

(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	21		52	351,289		12	3,328		354,702
Imports		700	45	25,281		216	1,081	2	27,324
Exports			-35	-1,520					-1,555
Stock change				-1,266					-1,266
PRIMARY ENERGY REQUIREMENT	21	700	62	373,784		228	4,409	2	379,206
Energy Converted	-21			-283,138			-1,189		-284,348
Briquetting plants				501					501
Coke ovens and coke plants				-7,595			-375		-7,969
Blast furnaces							-565		-565
Electric power plants	-21			-276,045			-249		-276,315
Consumption by energy sector				0					0
Statistical differences		0		308		0	0	0	308
FINAL ENERGY CONSUMPTION	0	700	62	90,337		228	3,220	2	94,549
<i>Consumption by industry and construction</i>		700	62	88,335		227	3,219	2	92,545
Iron and steel industry				45,146			141		45,287
Chemical industry				2,094					2,094
Other industry and construction		700	62	41,095		227	3,078	2	45,164
<i>Consumption by transport</i>				5					5
Rail				5					5
By other modes of transportation									
<i>Cons. by households and other consumers</i>				1,997		1	1		1,999
Households				1,366		1	1		1,368
Other consumers				631			0		631

Solid Fuels Balance Sheet by-Country for 2003

(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	35		66	308,544		11	2,238		310,894
Imports		500	25	23,388		280	1,562	97	25,851
Exports			-35	-1,525					-1,560
Stock change				-1,397					-1,397
PRIMARY ENERGY REQUIREMENT	35	500	56	329,009		291	3,799	97	333,787
Energy Converted	-60			-244,277			-1,286		-245,623
Briquetting plants				452					452
Coke ovens and coke plants				-5,009			-734		-5,742
Blast furnaces							-394		-394
Electric power plants	-60			-239,721			-158		-239,939
Consumption by energy sector									
Statistical differences	-25	0		3,811		0	0	0	3,786
FINAL ENERGY CONSUMPTION		500	56	80,922		291	2,513	97	84,378
<i>Consumption by industry and construction</i>		500	56	79,367		290	2,512	97	82,821
Iron and steel industry				37,921			98		38,019
Chemical industry				1,717					1,717
Other industry and construction		500	56	39,728		290	2,414	97	43,085
<i>Consumption by transport</i>				4					4
Rail				4					4
By other modes of transportation									
<i>Cons. by households and other consumers</i>				1,551		1	1		1,553
Households				754		1	1		756
Other consumers				797			0		797

Solid Fuels Balance Sheet by-Country for 2004

(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	34		30	327,029		9	3,099		330,201
Imports		500	40	28,392		248	3,272	96	32,548
Exports			-20	-1,278					-1,298
Stock change				-2,321					-2,321
PRIMARY ENERGY REQUIREMENT	34	500	50	351,822		257	6,371	96	359,130
Energy Converted	-60			-266,215			-1,012		-267,287
Briquetting plants				306					306
Coke ovens and coke plants				-5,687			-226		-5,912
Blast furnaces							-641		-641
Electric power plants	-60			-260,834			-145		-261,039
Consumption by energy sector									
Statistical differences	-26	0		4,565		0	0	0	4,539
FINAL ENERGY CONSUMPTION		500	50	81,042		257	5,360	96	87,305
<i>Consumption by industry and construction</i>		500	50	79,761		256	5,360	96	86,023
Iron and steel industry				40,106			160		40,267
Chemical industry				1,834					1,834
Other industry and construction		500	50	37,821		256	5,200	96	43,922
<i>Consumption by transport</i>				0					0
Rail				0					0
By other modes of transportation									
<i>Cons. by households and other consumers</i>				1,281		1	0		1,282
Households				573		1	0		574
Other consumers				708			0		708

Solid Fuels Balance Sheet by-Country for 2005

(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	33		85	347,183		9	3,291		350,601
Imports		500	20	34,328		401	2,812	96	38,158
Exports			-48	-1,789					-1,837
Stock change				-8,565					-8,565
PRIMARY ENERGY REQUIREMENT	33	500	57	371,157		410	6,103	96	378,356
Energy Converted	-60			-275,578			-493		-276,131
Briquetting plants				399					399
Coke ovens and coke plants				-6,093			-90		-6,183
Blast furnaces							-285		-285
Electric power plants	-60			-269,884			-118		-270,062
Consumption by energy sector									
Statistical differences	-27	0		0		0	0	0	-27
FINAL ENERGY CONSUMPTION	0	500	57	95,578		410	5,610	96	102,251
<i>Consumption by industry and construction</i>		<i>500</i>	<i>57</i>	<i>94,291</i>		<i>408</i>	<i>5,610</i>	<i>96</i>	<i>100,962</i>
Iron and steel industry				44,514			71		44,585
Chemical industry				1,022					1,022
Other industry and construction		500	57	48,754		408	5,539	96	55,354
<i>Consumption by transport</i>				<i>0</i>					<i>0</i>
Rail				0					0
By other modes of transportation									
<i>Cons. by households and other consumers</i>				<i>1,288</i>		<i>2</i>	<i>0</i>		<i>1,290</i>
Households				640		2	0		642
Other consumers				648			0		648

Solid Fuels Balance Sheet by-Country for 2006

(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	35	216	98	367,299		20	2,461		370,130
Imports		0		39,913		239	4,206	96	44,454
Exports			-66	-1,356					-1,422
Stock change				-8,455					-8,455
PRIMARY ENERGY REQUIREMENT	35	216	32	397,401		259	6,668	96	404,708
Energy Converted	-70			-286,545			-336		-286,951
Briquetting plants				310					310
Coke ovens and coke plants				-4,225			-50		-4,275
Blast furnaces							-157		-157
Electric power plants	-70			-282,630			-130		-282,829
Consumption by energy sector									
Statistical differences	-35	-283	0	-17		14	421	0	100
FINAL ENERGY CONSUMPTION		500	32	110,873		245	5,910	96	117,656
<i>Consumption by industry and construction</i>		500	32	109,726		244	5,909	96	116,507
Iron and steel industry				58,853			40		58,893
Chemical industry				696					696
Other industry and construction		500	32	50,177		244	5,870	96	56,918
<i>Consumption by transport</i>									
Rail									
By other modes of transportation									
<i>Cons. by households and other consumers</i>				1,147		1	1		1,149
Households				525		1	1		527
Other consumers				622					622

Solid Fuels Balance Sheet by-Country for 2007

(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	243	277	105	389,938		14	2,786		393,364
Imports	39	0		45,081		314	5,924	68	51,426
Exports			-75	-1,435					-1,511
Stock change				-1,792					-1,792
PRIMARY ENERGY REQUIREMENT	282	277	30	431,792		328	8,710	68	441,488
Energy Converted	-70			-312,481			-438		-312,989
Briquetting plants				336					336
Coke ovens and coke plants				-5,067			-75		-5,143
Blast furnaces							-235		-235
Electric power plants	-70			-307,750			-128		-307,948
Consumption by energy sector									
Statistical differences	212	-222	0	0		0	710	0	699
FINAL ENERGY CONSUMPTION		500	30	119,311		328	7,562	68	127,799
<i>Consumption by industry and construction</i>		<i>500</i>	<i>30</i>	<i>118,208</i>		<i>327</i>	<i>7,561</i>	<i>68</i>	<i>126,694</i>
Iron and steel industry				64,682			58		64,741
Chemical industry				690					690
Other industry and construction		500	30	52,835		327	7,503	68	61,263
<i>Consumption by transport</i>									
Rail									
By other modes of transportation									
<i>Cons. by households and other consumers</i>				<i>1,104</i>		<i>1</i>	<i>1</i>		<i>1,105</i>
Households				683		1	1		684
Other consumers				421					421

Solid Fuels Balance Sheet by-Country for 2008

(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	347	483	124	418,983		15	2,525		422,478
Imports	60	0		50,582		294	4,602	72	55,611
Exports	-1		-81	-2,575					-2,657
Stock change				-256					-256
PRIMARY ENERGY REQUIREMENT	407	484	43	466,734		309	7,128	72	475,175
Energy Converted	-59			-313,142			-964		-314,165
Briquetting plants				326					326
Coke ovens and coke plants	1			-1,707			-264		-1,970
Blast furnaces							-605		-605
Electric power plants	-60			-311,760			-96		-311,916
Consumption by energy sector									
Statistical differences	347	-88	0	2,010		1	-1	0	2,270
FINAL ENERGY CONSUMPTION	0	571	43	151,582		308	6,164	72	158,740
<i>Consumption by industry and construction</i>		<i>571</i>	<i>43</i>	<i>150,556</i>		<i>307</i>	<i>6,163</i>	<i>72</i>	<i>157,712</i>
Iron and steel industry				44,037			151		44,188
Chemical industry				2,787					2,787
Other industry and construction		571	43	103,732		307	6,012	72	110,737
<i>Consumption by transport</i>									
Rail									
By other modes of transportation									
<i>Cons. by households and other consumers</i>				<i>1,026</i>		<i>1</i>	<i>1</i>		<i>1,028</i>
Households				638		1	1		640
Other consumers				388					388

Solid Fuels Balance Sheet by-Country for 2009

(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	500	612	49	452,095		15	2,352		455,623
Imports	96	0		62,681		307	4,625	75	67,785
Exports	-13		-27	-2,093					-2,133
Stock change				-13,676				0	-13,676
PRIMARY ENERGY REQUIREMENT	583	612	21	499,007		322	6,977	75	507,597
Energy Converted	-17			-338,159			-423		-338,598
Briquetting plants				342					342
Coke ovens and coke plants	13			-7,209			-98		-7,293
Blast furnaces							-218		-218
Electric power plants	-30			-331,293			-107		-331,430
Consumption by energy sector									
Statistical differences	566	41	0	-834		0	1		-225
FINAL ENERGY CONSUMPTION		571	21	161,681		322	6,553	75	169,224
<i>Consumption by industry and construction</i>		<i>571</i>	<i>21</i>	<i>160,709</i>		<i>321</i>	<i>6,553</i>	<i>75</i>	<i>168,251</i>
Iron and steel industry				47,379			54		47,433
Chemical industry				2,215					2,215
Other industry and construction		571	21	111,114		321	6,499	75	118,602
<i>Consumption by transport</i>									
Rail									
By other modes of transportation									
<i>Cons. by households and other consumers</i>				<i>972</i>		<i>1</i>			<i>973</i>
Households				883		1			884
Other consumers				89					89

Solid Fuels Balance Sheet by-Country for 2010

(Thousand Tonnes of Coal Equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	725	613	88	453,664		16	2,331		457,437
Imports	184	0		59,807		321	4,237	108	64,657
Exports	-32		-59	-3,820					-3,911
Stock change				-6,087				-13	-6,100
PRIMARY ENERGY REQUIREMENT	877	613	29	503,564		337	6,568	95	512,083
Energy Converted	2			-303,993			-393		-304,383
Briquetting plants				379					379
Coke ovens and coke plants	32			-3,734			-95		-3,797
Blast furnaces							-216		-216
Electric power plants	-30			-300,638			-82		-300,749
Consumption by energy sector									
Statistical differences	879	41	0	55,081		0	0	0	56,003
FINAL ENERGY CONSUMPTION		571	29	144,490		337	6,175	95	151,697
<i>Consumption by industry and construction</i>		571	29	142,314		336	6,175	95	149,520
Iron and steel industry				47,996			54	0	48,050
Chemical industry				458					458
Other industry and construction		571	29	93,860		336	6,121	95	101,012
<i>Consumption by transport</i>									
Rail									
By other modes of transportation									
<i>Cons. by households and other consumers</i>				2,176		1	0		2,177
Households				1,182		1	0		1,183
Other consumers				994					994

Liquid Fuels Balance Sheet of SAARC Region

(Thousand tonnes of oil equivalent)

Years Production and utilization	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Production of Primary Energy	38,721	39,952	40,254	40,737	39,533	41,901	41,779	41,094	41,216	45,429
Imports	108,557	112,720	117,748	126,594	132,270	154,894	168,238	177,329	202,090	213,255
Exports	-10,541	-10,883	-15,345	-19,375	-22,004	-35,017	-41,255	-40,353	-53,073	-62,621
Marine / aviation bunkers	-3,670	-3,724	-3,149	-3,656	-4,308	-4,933	-5,442	-5,184	-5,578	-5,508
Stock change	78	-60	467	143	298	-479	-199	10,752	18,503	10,803
PRIMARY ENERGY REQUIREMENT	133,144	138,005	139,975	144,444	145,789	156,366	163,121	183,638	203,157	201,358
Energy Converted	-14,226	-11,895	-19,296	-16,896	-15,594	-15,913	-17,332	-29,602	-31,448	-30,686
Gasworks			0		0		0		0	
Petroleum refineries	2,296	2,350	-6,800	-3,687	-6,054	-6,596	-7,180	-14,444	-15,281	-13,687
NGL processing plants	19	21	21	20	20	20	20	20	21	20
Electric power plants	-16,541	-14,265	-12,517	-13,229	-9,560	-9,338	-10,172	-15,179	-16,188	-17,019
Consumption by energy sector	-2,127	-3,191	-3,245	-3,405	-3,429	-6,245	-6,004	-7,021	-7,799	-7,078
Losses in transportation and distribution	-3	0	-5	0	-1	0	-10	-9	-37	-30
Consumption for non-energy uses	-14,833	-19,178	-18,345	-21,626	-21,781	-26,202	-29,782	-19,518	-20,413	-18,904
Statistical differences	11,109	18,056	1,185	2,412	11,624	9,302	-2,955	-7,023	-4,165	-800
FINAL ENERGY CONSUMPTION	90,845	85,685	97,900	100,105	93,361	98,703	112,948	134,511	147,625	145,459
<i>Consumption by industry and construction</i>	<i>16,997</i>	<i>18,375</i>	<i>27,398</i>	<i>26,067</i>	<i>18,514</i>	<i>10,865</i>	<i>13,554</i>	<i>28,430</i>	<i>33,151</i>	<i>32,512</i>
Iron and steel industry	495	724	1,167	938	1,005	1,099	1,114	2,549	2,900	3,123
Chemical industry	1,363	3,801	3,498	3,635	486	1,683	8,281	4,605	5,153	5,469
Other industry and construction	15,140	13,850	22,734	21,493	17,023	8,083	4,160	21,275	25,098	23,920
<i>Consumption by transport</i>	<i>50,987</i>	<i>40,905</i>	<i>41,960</i>	<i>44,295</i>	<i>42,891</i>	<i>46,192</i>	<i>48,744</i>	<i>58,208</i>	<i>61,632</i>	<i>59,573</i>
Road	48,009	37,990	38,287	40,370	38,435	41,631	46,060	51,768	55,065	52,691
Rail	1,910	1,997	1,946	2,081	2,333	2,203	718	2,424	3,134	2,509
Air	202	173	853	982	972	987	1,020	912	928	967
Inland and coastal waterways	841	719	622	663	895	1,099	898	2,093	1,848	2,287
By other modes of transportation	26	26	251	200	255	272	48	1,010	656	1,119
<i>Cons. by households and other consumers</i>	<i>22,861</i>	<i>26,406</i>	<i>28,541</i>	<i>29,743</i>	<i>31,956</i>	<i>41,645</i>	<i>50,650</i>	<i>47,874</i>	<i>52,842</i>	<i>53,375</i>
Households	20,744	21,852	20,618	21,493	21,735	22,110	22,688	21,938	22,743	23,021
Agriculture	1,200	1,281	3,349	3,442	847	8,601	9,821	11,597	13,031	14,863
Other consumers	917	3,273	4,574	4,808	9,375	10,935	18,140	14,339	17,068	15,490

Liquid Fuels Balance Sheet by-Country for 2001

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy		99		35,708			2,914		38,721
Imports	117	3,897	50	83,894	241	712	16,137	3,510	108,557
Exports		-43		-9,602	-66		-745	-85	-10,541
Marine / aviation bunkers	-5	-234		-2,390		-37	-786	-218	-3,670
Stock change	-10	-30					74	44	78
PRIMARY ENERGY REQUIREMENT	102	3,689	50	107,611	175	674	17,593	3,251	133,144
Energy Converted	-16	-477		-7,122	-31	-4	-5,926	-651	-14,226
Gasworks									
Petroleum refineries		-41		1,918			250	169	2,296
NGL processing plants				17			1		19
Electric power plants	-16	-436		-9,057	-31	-4	-6,177	-820	-16,541
Consumption by energy sector		-70		-1,608			-311	-137	-2,127
Losses in transportation and distribution								-3	-3
Consumption for non-energy uses		-546		-13,764		-14	-386	-124	-14,833
Statistical differences		0		10,565		2	572	-29	11,109
FINAL ENERGY CONSUMPTION	86	2,595	50	74,552	144	655	10,399	2,364	90,845
<i>Consumption by industry and construction</i>		<i>211</i>		<i>14,886</i>		<i>31</i>	<i>1,529</i>	<i>341</i>	<i>16,997</i>
Iron and steel industry				492				3	495
Chemical industry				1,348			0	15	1,363
Other industry and construction		211		13,046		31	1,529	323	15,140
<i>Consumption by transport</i>	<i>86</i>	<i>1,195</i>	<i>34</i>	<i>39,994</i>	<i>143</i>	<i>223</i>	<i>7,692</i>	<i>1,620</i>	<i>50,987</i>
Road	35	861	8	37,864	22	223	7,546	1,449	48,009
Rail		141		1,596			145	28	1,910
Air	51		1		10		0	140	202
Inland and coastal waterways		193		533	112			3	841
By other modes of transportation			25				1		26
<i>Cons. by households and other consumers</i>	<i>0</i>	<i>1,190</i>	<i>15</i>	<i>19,672</i>	<i>1</i>	<i>401</i>	<i>1,177</i>	<i>404</i>	<i>22,861</i>
Households	0	621	15	18,848	1	286	640	332	20,744
Agriculture		568		314		58	252	8	1,200
Other consumers				511		57	285	64	917

Liquid Fuels Balance Sheet by-Country for 2002

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy		91		36,646			3,215		39,952
Imports	88	3,893	52	88,267	302	702	15,580	3,835	112,720
Exports		-46		-10,052	-79		-644	-62	-10,883
Marine / aviation bunkers	-5	-241		-2,325		-43	-869	-241	-3,724
Stock change	0	-21					31	-70	-60
PRIMARY ENERGY REQUIREMENT	83	3,677	52	112,535	222	660	17,313	3,462	138,005
Energy Converted	-49	-481		-4,873	-34	-1	-5,701	-756	-11,895
Gasworks									
Petroleum refineries		-37		2,066			153	168	2,350
NGL processing plants				19			1		21
Electric power plants	-49	-444		-6,958	-34	-1	-5,855	-923	-14,265
Consumption by energy sector		-63		-2,659			-317	-153	-3,191
Losses in transportation and distribution								0	0
Consumption for non-energy uses		-446		-18,326		-13	-303	-90	-19,178
Statistical differences	-35	0		17,188		3	871	29	18,056
FINAL ENERGY CONSUMPTION	69	2,688	52	69,489	189	643	10,122	2,435	85,685
<i>Consumption by industry and construction</i>		220		16,260		29	1,487	379	18,375
Iron and steel industry				720				4	724
Chemical industry				3,743			0	58	3,801
Other industry and construction		220		11,797		29	1,487	317	13,850
<i>Consumption by transport</i>	69	1,213	35	29,987	185	235	7,535	1,646	40,905
Road	23	869	8	27,940	27	235	7,391	1,497	37,990
Rail		145		1,678			144	30	1,997
Air	46		1		11		0	116	173
Inland and coastal waterways		199		370	147			3	719
By other modes of transportation			26				0		26
<i>Cons. by households and other consumers</i>	0	1,254	16	23,242	4	379	1,100	410	26,406
Households	0	668	16	19,963	4	255	614	331	21,852
Agriculture		586		404		60	222	8	1,281
Other consumers				2,875		64	264	70	3,273

Liquid Fuels Balance Sheet by-Country for 2003

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy		106		36,893			3,256		40,254
Imports	158	3,918	49	97,541	195	723	11,794	3,369	117,748
Exports		-48		-14,151			-1,147	0	-15,345
Marine / aviation bunkers	-8	-265		-2,457		-40	-155	-224	-3,149
Stock change		131		0			215	121	467
PRIMARY ENERGY REQUIREMENT	150	3,842	49	117,825	195	684	13,964	3,267	139,975
Energy Converted	-37	-498	0	-15,322	-35	-1	-2,613	-790	-19,296
Gasworks								0	0
Petroleum refineries		-44		-6,835			79	1	-6,800
NGL processing plants				20			1		21
Electric power plants	-37	-454	0	-8,506	-35	-1	-2,693	-791	-12,517
Consumption by energy sector		-70		-2,671			-340	-163	-3,245
Losses in transportation and distribution								-5	-5
Consumption for non-energy uses	-3	-520		-17,327		-13	-377	-105	-18,345
Statistical differences	-36	0		1,603		0	-48	-333	1,185
FINAL ENERGY CONSUMPTION	146	2,754	48	80,902	160	670	10,681	2,537	97,900
<i>Consumption by industry and construction</i>	3	235		25,357		25	1,394	384	27,398
Iron and steel industry				1,162				5	1,167
Chemical industry				3,392				106	3,498
Other industry and construction	3	235		20,804		25	1,394	274	22,734
<i>Consumption by transport</i>	143	1,237	32	30,097	155	233	8,305	1,759	41,960
Road	102	900	7	27,937	12	233	7,506	1,590	38,287
Rail		142		1,636			141	28	1,946
Air	41		1		13		659	140	853
Inland and coastal waterways		195		296	130			1	622
By other modes of transportation			24	228			0		251
<i>Cons. by households and other consumers</i>	0	1,282	16	25,448	5	412	983	395	28,541
Households	0	709	16	18,695	5	283	587	322	20,618
Agriculture		573		2,518		57	193	8	3,349
Other consumers				4,235		73	202	64	4,574

Liquid Fuels Balance Sheet by-Country for 2004

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy		95		37,286			3,355		40,737
Imports	195	3,965	52	103,694	245	695	13,799	3,951	126,594
Exports		-51		-18,206			-1,081	-37	-19,375
Marine / aviation bunkers	0	-273		-2,856		-53	-227	-246	-3,656
Stock change		55		91			4	-8	143
PRIMARY ENERGY REQUIREMENT	195	3,791	52	120,009	245	642	15,850	3,660	144,444
Energy Converted	-50	-505	-1	-12,055	-40	-4	-3,261	-981	-16,896
Gasworks									
Petroleum refineries		-42		-3,761			99	17	-3,687
NGL processing plants				19			1		20
Electric power plants	-50	-464	-1	-8,312	-40	-4	-3,361	-998	-13,229
Consumption by energy sector		-67		-2,782			-369	-186	-3,405
Losses in transportation and distribution								0	0
Consumption for non-energy uses	-7	-474		-20,563		-19	-452	-112	-21,626
Statistical differences	0	0		2,601		-1	112	-299	2,412
FINAL ENERGY CONSUMPTION	138	2,744	51	82,008	205	620	11,657	2,680	100,105
<i>Consumption by industry and construction</i>	3	237		23,924		16	1,508	379	26,067
Iron and steel industry				933				5	938
Chemical industry				3,536				99	3,635
Other industry and construction	3	237		19,455		16	1,508	275	21,493
<i>Consumption by transport</i>	133	1,214	34	31,340	197	238	9,254	1,886	44,295
Road	70	875	8	29,237	19	238	8,235	1,688	40,370
Rail		143		1,623			289	26	2,081
Air	63		1		16		730	172	982
Inland and coastal waterways		196		304	163			0	663
By other modes of transportation			24	175			0		200
<i>Cons. by households and other consumers</i>	2	1,294	17	26,745	8	366	894	416	29,743
Households	2	715	17	19,665	8	233	530	322	21,493
Agriculture		578		2,650		63	141	10	3,442
Other consumers				4,430		70	224	84	4,808

Liquid Fuels Balance Sheet by-Country for 2005

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy		102		36,003			3,428		39,533
Imports	208	4,194	52	108,556	221	720	14,423	3,897	132,270
Exports		-84		-20,620			-1,300	0	-22,004
Marine / aviation bunkers	-10	-309		-3,345		-59	-288	-297	-4,308
Stock change		320		0			14	-37	298
PRIMARY ENERGY REQUIREMENT	198	4,223	52	120,594	221	662	16,278	3,563	145,789
Energy Converted	-50	-593	0	-10,028	-47	-3	-3,875	-997	-15,594
Gasworks								0	0
Petroleum refineries		-66		-6,205			231	-13	-6,054
NGL processing plants				18			2		20
Electric power plants	-50	-527	0	-3,841	-47	-3	-4,108	-984	-9,560
Consumption by energy sector		-60		-2,958			-239	-172	-3,429
Losses in transportation and distribution								-1	-1
Consumption for non-energy uses	-7	-504		-20,655		-21	-458	-137	-21,781
Statistical differences	0	0		11,256		2	729	-364	11,624
FINAL ENERGY CONSUMPTION	141	3,066	51	75,697	174	636	10,975	2,620	93,361
<i>Consumption by industry and construction</i>	<i>3</i>	<i>228</i>		<i>16,181</i>		<i>16</i>	<i>1,647</i>	<i>440</i>	<i>18,514</i>
Iron and steel industry				1,001				4	1,005
Chemical industry				357				129	486
Other industry and construction	3	228		14,822		16	1,647	307	17,023
<i>Consumption by transport</i>	<i>136</i>	<i>1,418</i>	<i>34</i>	<i>30,800</i>	<i>173</i>	<i>249</i>	<i>8,348</i>	<i>1,732</i>	<i>42,891</i>
Road	80	1,012	8	28,198	20	249	7,354	1,514	38,435
Rail		171		1,871			266	25	2,333
Air	56		1		13		729	173	972
Inland and coastal waterways		235		500	140			20	895
By other modes of transportation			25	231			0		255
<i>Cons. by households and other consumers</i>	<i>2</i>	<i>1,420</i>	<i>17</i>	<i>28,717</i>	<i>1</i>	<i>371</i>	<i>980</i>	<i>448</i>	<i>31,956</i>
Households	2	726	17	19,886	1	234	542	326	21,735
Agriculture		694		0		62	82	9	847
Other consumers				8,831		75	356	113	9,375

Liquid Fuels Balance Sheet by-Country for 2006

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy		99		38,132			3,670		41,901
Imports	393	6,240	73	126,704	283	655	16,439	4,105	154,894
Exports		-190		-33,395			-1,388	-45	-35,017
Marine / aviation bunkers	-10	-310	-1	-4,033		-51	-274	-255	-4,933
Stock change		101					-468	-112	-479
PRIMARY ENERGY REQUIREMENT	383	5,940	72	127,408	283	605	17,981	3,694	156,366
Energy Converted	-20	-625	0	-7,775	-54	-4	-6,679	-756	-15,913
Gasworks									
Petroleum refineries		-61		-6,572			-119	156	-6,596
NGL processing plants				17			3		20
Electric power plants	-20	-564	0	-1,221	-54	-4	-6,563	-912	-9,338
Consumption by energy sector		-65		-5,817			-188	-175	-6,245
Losses in transportation and distribution								0	0
Consumption for non-energy uses	-7	-505	-1	-24,883			-589	-218	-26,202
Statistical differences	-18	1,988	0	7,464		-9	-242	120	9,302
FINAL ENERGY CONSUMPTION	374	2,757	71	81,470	229	610	10,767	2,425	98,703
<i>Consumption by industry and construction</i>	<i>3</i>	<i>236</i>		<i>8,743</i>		<i>36</i>	<i>1,565</i>	<i>283</i>	<i>10,865</i>
Iron and steel industry				1,089				11	1,099
Chemical industry				1,683				0	1,683
Other industry and construction	3	236		5,972		36	1,565	272	8,083
<i>Consumption by transport</i>	<i>342</i>	<i>1,465</i>	<i>54</i>	<i>33,927</i>	<i>225</i>	<i>265</i>	<i>8,198</i>	<i>1,715</i>	<i>46,192</i>
Road	286	1,079	12	31,186	24	265	7,312	1,467	41,631
Rail		164		1,854			160	26	2,203
Air	56				17		725	189	987
Inland and coastal waterways		222		659	184			34	1,099
By other modes of transportation			42	229			1		272
<i>Cons. by households and other consumers</i>	<i>29</i>	<i>1,056</i>	<i>17</i>	<i>38,800</i>	<i>4</i>	<i>309</i>	<i>1,004</i>	<i>426</i>	<i>41,645</i>
Households	29	525	17	20,470	4	192	541	332	22,110
Agriculture		530		7,904		62	97	8	8,601
Other consumers				10,426		56	366	87	10,935

Liquid Fuels Balance Sheet by-Country for 2007

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy		89		37,896			3,794		41,779
Imports	418	5,712	76	139,885	293	610	17,290	3,954	168,238
Exports		-267		-39,612			-1,376	0	-41,255
Marine / aviation bunkers	-10	-275	-1	-4,702		-55	-296	-103	-5,442
Stock change		107		0			-310	5	-199
PRIMARY ENERGY REQUIREMENT	408	5,367	75	133,467	293	556	19,101	3,855	163,121
Energy Converted	-30	-613	-1	-8,336	-63	-3	-7,196	-1,091	-17,332
Gasworks								0	0
Petroleum refineries		-35		-6,965			-299	119	-7,180
NGL processing plants				17			3		20
Electric power plants	-30	-578	-1	-1,388	-63	-3	-6,900	-1,209	-10,172
Consumption by energy sector		-75		-5,767			0	-162	-6,004
Losses in transportation and distribution								-10	-10
Consumption for non-energy uses	-7	-480	-1	-28,725			-441	-129	-29,782
Statistical differences	-26	1,229	0	-4,029		-1	-163	35	-2,955
FINAL ENERGY CONSUMPTION	397	2,969	74	94,668	231	554	11,627	2,429	112,948
<i>Consumption by industry and construction</i>	<i>3</i>	<i>246</i>		<i>11,974</i>		<i>13</i>	<i>1,049</i>	<i>269</i>	<i>13,554</i>
Iron and steel industry				1,110				4	1,114
Chemical industry				8,280				1	8,281
Other industry and construction	3	246		2,584		13	1,049	264	4,160
<i>Consumption by transport</i>	<i>381</i>	<i>1,581</i>	<i>60</i>	<i>34,871</i>	<i>230</i>	<i>272</i>	<i>9,567</i>	<i>1,784</i>	<i>48,744</i>
Road	323	1,151	13	34,090	29	272	8,826	1,356	46,060
Rail		182		352			157	26	718
Air	58				13		583	366	1,020
Inland and coastal waterways		247		428	188			36	898
By other modes of transportation			46	1			0		48
<i>Cons. by households and other consumers</i>	<i>13</i>	<i>1,142</i>	<i>14</i>	<i>47,824</i>	<i>1</i>	<i>269</i>	<i>1,010</i>	<i>376</i>	<i>50,650</i>
Households	13	475	14	21,226	1	163	519	276	22,688
Agriculture		667		8,987		51	109	7	9,821
Other consumers				17,610		55	382	93	18,140

Liquid Fuels Balance Sheet by-Country for 2008

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy		81		37,484			3,529		41,094
Imports	954	4,187	73	149,342	319	742	17,902	3,809	177,329
Exports		-294		-38,816			-1,243	0	-40,353
Marine / aviation bunkers	-10	-244	-1	-4,433		-55	-321	-121	-5,184
Stock change		61		11,161			-461	-8	10,752
PRIMARY ENERGY REQUIREMENT	944	3,791	73	154,738	319	687	19,406	3,680	183,638
Energy Converted	-30	-639	0	-20,005	-71	-3	-7,698	-1,156	-29,602
Gasworks									
Petroleum refineries		-27		-14,141			-325	49	-14,444
NGL processing plants				18			3		20
Electric power plants	-30	-612	0	-5,883	-71	-3	-7,375	-1,205	-15,179
Consumption by energy sector		-70		-6,793			0	-157	-7,021
Losses in transportation and distribution								-9	-9
Consumption for non-energy uses	-7	-398	-1	-18,548			-404	-160	-19,518
Statistical differences	-26	-553	0	-6,839		18	551	-174	-7,023
FINAL ENERGY CONSUMPTION	933	3,237	72	116,230	248	666	10,753	2,372	134,511
<i>Consumption by industry and construction</i>	3	257		26,966		18	947	239	28,430
Iron and steel industry				2,545				4	2,549
Chemical industry				4,605				0	4,605
Other industry and construction	3	257		19,815		18	947	236	21,275
<i>Consumption by transport</i>	908	1,705	62	44,224	247	399	8,870	1,794	58,208
Road	845	1,223	14	39,494	28	399	8,404	1,362	51,768
Rail		204		2,188			6	25	2,424
Air	63				24		459	366	912
Inland and coastal waterways		277		1,580	195			41	2,093
By other modes of transportation			48	962			0		1,010
<i>Cons. by households and other consumers</i>	22	1,275	10	45,041	1	249	936	339	47,874
Households	22	457	10	20,621	1	116	446	263	21,938
Agriculture		818		10,629		76	70	5	11,597
Other consumers				13,790		57	420	70	14,339

Liquid Fuels Balance Sheet by-Country for 2009

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy		73		37,670			3,473		41,216
Imports	1,661	4,635	82	172,676	335	892	17,953	3,856	202,090
Exports		-143		-51,448			-1,482		-53,073
Marine / aviation bunkers	-10	-217	-1	-4,783		-65	-406	-96	-5,578
Stock change		274		18,332			-313	210	18,503
PRIMARY ENERGY REQUIREMENT	1,651	4,621	81	172,447	335	827	19,224	3,970	203,157
Energy Converted	-20	-658	0	-20,620	-75	-4	-8,846	-1,226	-31,448
Gasworks								0	0
Petroleum refineries		-13		-15,105			-260	96	-15,281
NGL processing plants				19			2		21
Electric power plants	-20	-645	0	-5,534	-75	-4	-8,588	-1,323	-16,188
Consumption by energy sector		-74		-7,557			0	-168	-7,799
Losses in transportation and distribution								-37	-37
Consumption for non-energy uses	-7	-363	-1	-19,456			-420	-167	-20,413
Statistical differences	284	2	0	-3,684		-2	-775	9	-4,165
FINAL ENERGY CONSUMPTION	1,340	3,524	80	128,498	261	825	10,734	2,363	147,625
<i>Consumption by industry and construction</i>	3	267		31,681		20	952	229	33,151
Iron and steel industry				2,894				6	2,900
Chemical industry				5,153					5,153
Other industry and construction	3	267		23,634		20	952	223	25,098
<i>Consumption by transport</i>	1,243	1,840	69	47,025	260	520	8,882	1,793	61,632
Road	1,148	1,298	15	42,396	29	520	8,262	1,396	55,065
Rail		230		2,740			133	31	3,134
Air	94				26		486	321	928
Inland and coastal waterways		312		1,287	204			45	1,848
By other modes of transportation			54	602			0		656
<i>Cons. by households and other consumers</i>	94	1,417	11	49,792	1	286	900	341	52,842
Households	94	415	11	21,398	1	121	429	274	22,743
Agriculture		1,002		11,868		99	58	4	13,031
Other consumers				16,526		66	413	63	17,068

Liquid Fuels Balance Sheet by-Country for 2010

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy		67		41,892			3,470		45,429
Imports	1,965	5,336	104	181,488	339	978	18,903	4,143	213,255
Exports		-152		-60,832			-1,610	-28	-62,621
Marine / aviation bunkers	-10	-195	-1	-4,783		-80	-333	-105	-5,508
Stock change		-96		11,049			-37	-113	10,803
PRIMARY ENERGY REQUIREMENT	1,955	4,960	103	168,814	339	898	20,392	3,897	201,358
Energy Converted	-20	-694	0	-20,725	-64	-1	-8,215	-967	-30,686
Gasworks									
Petroleum refineries		-4		-13,471			-290	78	-13,687
NGL processing plants				18			2		20
Electric power plants	-20	-691	0	-7,271	-64	-1	-7,927	-1,045	-17,019
Consumption by energy sector		-74		-6,886			0	-118	-7,078
Losses in transportation and distribution								-30	-30
Consumption for non-energy uses	-7	-329	-1	-18,082			-325	-160	-18,904
Statistical differences	-29	-1	0	-1,523		0	783	-30	-800
FINAL ENERGY CONSUMPTION	1,957	3,863	102	124,645	275	897	11,069	2,651	145,459
<i>Consumption by industry and construction</i>	3	277		30,670		22	1,302	238	32,512
Iron and steel industry				3,113				10	3,123
Chemical industry				5,469				0	5,469
Other industry and construction	3	277		22,088		22	1,302	228	23,920
<i>Consumption by transport</i>	1,904	1,986	90	43,782	274	568	8,916	2,053	59,573
Road	1,871	1,373	18	38,927	31	568	8,290	1,611	52,691
Rail		260		2,120			102	26	2,509
Air	32				21		524	390	967
Inland and coastal waterways		352		1,687	222			26	2,287
By other modes of transportation			72	1,047			0		1,119
<i>Cons. by households and other consumers</i>	51	1,601	12	50,193	0	307	851	361	53,375
Households	51	376	12	21,777	0	128	363	315	23,021
Agriculture		1,224		13,490		106	40	3	14,863
Other consumers				14,926		73	447	43	15,490

Natural Gas Balance Sheet of SAARC Region

(Million cubic metres)

Years Production and utilization	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Production of Primary Energy	57,018	60,405	68,163	71,526	74,564	79,675	83,188	87,297	101,087	112,660
Stock change	0	0	7	9	3	-4	-1	-4	-5	-22
PRIMARY ENERGY REQUIREMENT	57,018	60,405	68,170	71,535	74,567	79,671	83,187	87,293	101,082	112,638
Energy Converted	-23,713	-26,353	-28,058	-27,753	-26,438	-27,222	-27,474	-28,028	-35,319	-44,598
Gasworks			16	15	16	17	18	19	19	20
Blast furnaces	163	199	3,782	3,681	3,777	4,288	4,291	4,425	4,306	3,863
Electric power plants	-23,876	-26,552	-31,857	-31,450	-30,231	-31,526	-31,783	-32,472	-39,644	-48,482
Consumption by energy sector	-2,665	-2,700	-2,769	-2,829	-2,867	-2,447	-2,549	-1,933	-1,329	-1,542
Losses in transportation and distribution	-2,021	-2,122	-1,461	-947	-1,244	-1,689	-1,709	-703	-1,451	-3,272
Consumption for non-energy uses	-15,813	-16,053	-16,321	-15,821	-14,208	-15,104	-16,835	-15,675	-21,782	-22,155
Statistical differences	-3,842	-4,468	-3,085	-705	823	2,188	1,630	3,620	446	7,223
FINAL ENERGY CONSUMPTION	16,649	17,645	22,646	24,889	28,987	31,020	32,990	37,334	40,755	33,848
<i>Consumption by industry and construction</i>	<i>10,010</i>	<i>10,483</i>	<i>15,440</i>	<i>16,424</i>	<i>18,935</i>	<i>20,065</i>	<i>21,038</i>	<i>23,957</i>	<i>26,490</i>	<i>18,209</i>
Iron and steel industry	163	199	4,205	4,101	4,229	4,791	4,811	4,859	4,713	4,239
Chemical industry	0	0	954	960	1,014					
Other industry and construction	9,847	10,285	10,281	11,364	13,692	15,273	16,227	19,098	21,777	13,970
<i>Consumption by transport</i>	<i>131</i>	<i>219</i>	<i>446</i>	<i>688</i>	<i>1,095</i>	<i>1,886</i>	<i>2,513</i>	<i>3,332</i>	<i>3,907</i>	<i>4,583</i>
Road			446	688	1,095	1,886	2,513	3,332	3,907	4,583
By other modes of transportation	131	219								
<i>Cons. by households and other consumers</i>	<i>6,507</i>	<i>6,942</i>	<i>6,760</i>	<i>7,777</i>	<i>8,957</i>	<i>9,070</i>	<i>9,439</i>	<i>10,045</i>	<i>10,358</i>	<i>11,057</i>
Households	5,609	6,019	5,781	6,641	7,645	7,779	8,070	8,610	8,841	9,504
Agriculture	166	140	164	229	278	196	185	174	187	217
Other consumers	732	783	815	908	1,034	1,095	1,184	1,261	1,330	1,336

Natural Gas Balance Sheet by-Country for 2001

(Million cubic metres)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	109	10,959		22,954			22,997		57,018
Imports									
Exports									
Stock change							0		0
PRIMARY ENERGY REQUIREMENT	109	10,959		22,954			22,997		57,018
Energy Converted	-35	-5,161		-11,816			-6,702		-23,713
Gasworks									
Blast furnaces							163		163
Electric power plants	-35	-5,161		-11,816			-6,864		-23,876
Consumption by energy sector				-2,665					-2,665
Losses in transportation and distribution		-691					-1,330		-2,021
Consumption for non-energy uses		-2,604		-9,914			-3,295		-15,813
Statistical differences	74	0		-5,084			1,168		-3,842
FINAL ENERGY CONSUMPTION		2,503		3,643			10,503		16,649
<i>Consumption by industry and construction</i>		1,426		3,013			5,571		10,010
Iron and steel industry							163		163
Chemical industry							0		0
Other industry and construction		1,426		3,013			5,409		9,847
<i>Consumption by transport</i>							131		131
Road									
By other modes of transportation							131		131
<i>Cons. by households and other consumers</i>		1,077		631			4,800		6,507
Households		938		484			4,187		5,609
Agriculture		19		147					166
Other consumers		120					613		732

Natural Gas Balance Sheet by-Country for 2002

(Million cubic metres)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	7	11,529		24,831			24,038		60,405
Imports									
Exports									
Stock change							0		0
PRIMARY ENERGY REQUIREMENT	7	11,529		24,831			24,038		60,405
Energy Converted	-7	-5,596		-13,305			-7,445		-26,353
Gasworks									
Blast furnaces							199		199
Electric power plants	-7	-5,596		-13,305			-7,644		-26,552
Consumption by energy sector				-2,700					-2,700
Losses in transportation and distribution		-793					-1,330		-2,122
Consumption for non-energy uses		-2,320		-10,312			-3,422		-16,053
Statistical differences		0		-5,230			762		-4,468
FINAL ENERGY CONSUMPTION		2,821		3,744			11,080		17,645
<i>Consumption by industry and construction</i>		1,593		2,972			5,918		10,483
Iron and steel industry							199		199
Chemical industry							0		0
Other industry and construction		1,593		2,972			5,720		10,285
<i>Consumption by transport</i>							219		219
Road									
By other modes of transportation							219		219
<i>Cons. by households and other consumers</i>		1,228		772			4,942		6,942
Households		1,082		653			4,285		6,019
Agriculture		21		119					140
Other consumers		125					658		783

Natural Gas Balance Sheet by-Country for 2003

(Million cubic metres)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	6	12,402		26,335			29,420		68,163
Imports									
Exports									
Stock change							7		7
PRIMARY ENERGY REQUIREMENT	6	12,402		26,335			29,428		68,170
Energy Converted	-6	-5,611		-11,197			-11,245		-28,058
Gasworks				16					16
Blast furnaces				3,643			139		3,782
Electric power plants	-6	-5,611		-14,856			-11,383		-31,857
Consumption by energy sector				-2,428			-340		-2,769
Losses in transportation and distribution		-599					-862		-1,461
Consumption for non-energy uses		-2,824		-10,078			-3,419		-16,321
Statistical differences		0		-4,398			1,313		-3,085
FINAL ENERGY CONSUMPTION		3,368		7,029			12,249		22,646
<i>Consumption by industry and construction</i>		1,893		6,793			6,754		15,440
Iron and steel industry				3,659			545		4,205
Chemical industry							954		954
Other industry and construction		1,893		3,134			5,254		10,281
<i>Consumption by transport</i>							446		446
Road							446		446
By other modes of transportation									
<i>Cons. by households and other consumers</i>		1,475		236			5,049		6,760
Households		1,319		94			4,368		5,781
Agriculture		22		142					164
Other consumers		134					681		815

Natural Gas Balance Sheet by-Country for 2004

(Million cubic metres)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	3	13,339		26,122			32,062		71,526
Imports									
Exports									
Stock change							9		9
PRIMARY ENERGY REQUIREMENT	3	13,339		26,122			32,071		71,535
Energy Converted	-3	-6,815		-8,764			-12,171		-27,753
Gasworks				15					15
Blast furnaces				3,456			225		3,681
Electric power plants	-3	-6,815		-12,235			-12,397		-31,450
Consumption by energy sector				-2,468			-361		-2,829
Losses in transportation and distribution		-746					-201		-947
Consumption for non-energy uses		-2,733		-9,553			-3,535		-15,821
Statistical differences		0		-2,234			1,530		-705
FINAL ENERGY CONSUMPTION		3,045		7,571			14,273		24,889
<i>Consumption by industry and construction</i>		<i>1,369</i>		<i>7,081</i>			<i>7,975</i>		<i>16,424</i>
Iron and steel industry				3,471			629		4,101
Chemical industry							960		960
Other industry and construction		1,369		3,609			6,386		11,364
<i>Consumption by transport</i>							<i>688</i>		<i>688</i>
Road							688		688
By other modes of transportation									
<i>Cons. by households and other consumers</i>		<i>1,676</i>		<i>491</i>			<i>5,610</i>		<i>7,777</i>
Households		1,449		347			4,844		6,641
Agriculture		85		144					229
Other consumers		142					765		908

Natural Gas Balance Sheet by-Country for 2005

(Million cubic metres)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	3	14,340		26,573			33,648		74,564
Imports									
Exports									
Stock change							3		3
PRIMARY ENERGY REQUIREMENT	3	14,340		26,573			33,651		74,567
Energy Converted	-3	-6,213		-8,319			-11,903		-26,438
Gasworks				16					16
Blast furnaces				3,676			100		3,777
Electric power plants	-3	-6,213		-12,012			-12,003		-30,231
Consumption by energy sector				-2,520			-347		-2,867
Losses in transportation and distribution		-913					-331		-1,244
Consumption for non-energy uses		-2,709		-7,850			-3,649		-14,208
Statistical differences		0		-467			1,291		823
FINAL ENERGY CONSUMPTION		4,505		8,352			16,130		28,987
<i>Consumption by industry and construction</i>		2,025		7,515			9,395		18,935
Iron and steel industry				3,693			537		4,229
Chemical industry							1,014		1,014
Other industry and construction		2,025		3,823			7,845		13,692
<i>Consumption by transport</i>							1,095		1,095
Road							1,095		1,095
By other modes of transportation									
<i>Cons. by households and other consumers</i>		2,480		837			5,640		8,957
Households		2,144		684			4,816		7,645
Agriculture		125		153					278
Other consumers		210					824		1,034

Natural Gas Balance Sheet by-Country for 2006

(Million cubic metres)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	4	16,382		26,047			37,242		79,675
Imports									
Exports									
Stock change							-4		-4
PRIMARY ENERGY REQUIREMENT	4	16,382		26,047			37,237		79,671
Energy Converted	-4	-8,452		-7,849			-10,917		-27,222
Gasworks				17					17
Blast furnaces				4,232			55		4,288
Electric power plants	-4	-8,452		-12,098			-10,972		-31,526
Consumption by energy sector				-2,039			-408		-2,447
Losses in transportation and distribution		-1,030					-659		-1,689
Consumption for non-energy uses		-2,755		-8,552			-3,797		-15,104
Statistical differences	0	0		-543			2,731		2,188
FINAL ENERGY CONSUMPTION	0	4,145		8,151			18,724		31,020
<i>Consumption by industry and construction</i>		1,973		7,490			10,601		20,065
Iron and steel industry				4,249			542		4,791
Chemical industry									
Other industry and construction		1,973		3,241			10,059		15,273
<i>Consumption by transport</i>		209					1,677		1,886
Road		209					1,677		1,886
By other modes of transportation									
<i>Cons. by households and other consumers</i>		1,963		660			6,446		9,070
Households		1,777		488			5,513		7,779
Agriculture		24		172					196
Other consumers		163					932		1,095

Natural Gas Balance Sheet by-Country for 2007

(Million cubic metres)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	4	17,486		27,761			37,936		83,188
Imports									
Exports									
Stock change							-1		-1
PRIMARY ENERGY REQUIREMENT	4	17,486		27,761			37,936		83,187
Energy Converted	-4	-8,821		-7,946			-10,703		-27,474
Gasworks				18					18
Blast furnaces				4,209			83		4,291
Electric power plants	-4	-8,821		-12,173			-10,785		-31,783
Consumption by energy sector				-2,093			-456		-2,549
Losses in transportation and distribution		-809					-901		-1,709
Consumption for non-energy uses		-2,907		-9,933			-3,995		-16,835
Statistical differences	0	0		0			1,630		1,630
FINAL ENERGY CONSUMPTION	0	4,949		7,789			20,252		32,990
<i>Consumption by industry and construction</i>		2,410		7,588			11,041		21,038
Iron and steel industry				4,226			585		4,811
Chemical industry									
Other industry and construction		2,410		3,361			10,456		16,227
<i>Consumption by transport</i>		373					2,140		2,513
Road		373					2,140		2,513
By other modes of transportation									
<i>Cons. by households and other consumers</i>		2,167		201			7,071		9,439
Households		1,967		39			6,063		8,070
Agriculture		23		162					185
Other consumers		176					1,008		1,184

Natural Gas Balance Sheet by-Country for 2008

(Million cubic metres)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	4	18,688		30,197			38,409		87,297
Imports									
Exports									
Stock change							-4		-4
PRIMARY ENERGY REQUIREMENT	4	18,688		30,197			38,405		87,293
Energy Converted	-4	-9,782		-8,511			-9,731		-28,028
Gasworks				19					19
Blast furnaces				4,212			213		4,425
Electric power plants	-4	-9,782		-12,742			-9,944		-32,472
Consumption by energy sector				-1,476			-457		-1,933
Losses in transportation and distribution		-508					-195		-703
Consumption for non-energy uses		-2,447		-9,182			-4,046		-15,675
Statistical differences	0	0		566			3,053		3,620
FINAL ENERGY CONSUMPTION	0	5,951		10,460			20,923		37,334
<i>Consumption by industry and construction</i>		2,867		10,208			10,882		23,957
Iron and steel industry				4,231			628		4,859
Chemical industry									
Other industry and construction		2,867		5,977			10,254		19,098
<i>Consumption by transport</i>		710					2,622		3,332
Road		710					2,622		3,332
By other modes of transportation									
<i>Cons. by households and other consumers</i>		2,374		253			7,419		10,045
Households		2,147		101			6,363		8,610
Agriculture		22		152					174
Other consumers		205					1,056		1,261

Natural Gas Balance Sheet by-Country for 2009

(Million cubic metres)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	4	20,333		41,621			39,130		101,087
Imports									
Exports									
Stock change							-5		-5
PRIMARY ENERGY REQUIREMENT	4	20,333		41,621			39,125		101,082
Energy Converted	-4	-10,917		-15,450			-8,949		-35,319
Gasworks				19					19
Blast furnaces				4,229			77		4,306
Electric power plants	-4	-10,917		-19,699			-9,025		-39,644
Consumption by energy sector				-961			-369		-1,329
Losses in transportation and distribution		-333					-1,118		-1,451
Consumption for non-energy uses		-2,328		-15,109			-4,345		-21,782
Statistical differences	0	0		-2,201			2,647		446
FINAL ENERGY CONSUMPTION	0	6,756		12,302			21,697		40,755
<i>Consumption by industry and construction</i>		3,244		12,108			11,138		26,490
Iron and steel industry				4,249			464		4,713
Chemical industry									
Other industry and construction		3,244		7,859			10,674		21,777
<i>Consumption by transport</i>		965					2,942		3,907
Road		965					2,942		3,907
By other modes of transportation									
<i>Cons. by households and other consumers</i>		2,547		194			7,617		10,358
Households		2,295		27			6,519		8,841
Agriculture		20		167					187
Other consumers		232					1,098		1,330

Natural Gas Balance Sheet by-Country for 2010

(Million cubic metres)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	4	21,883		51,828			38,944		112,660
Imports									
Exports									
Stock change							-22		-22
PRIMARY ENERGY REQUIREMENT	4	21,883		51,828			38,923		112,638
Energy Converted	-4	-12,502		-23,922			-8,171		-44,598
Gasworks				20					20
Blast furnaces				3,787			76		3,863
Electric power plants	-4	-12,502		-27,729			-8,247		-48,482
Consumption by energy sector				-1,234			-308		-1,542
Losses in transportation and distribution		-1,283					-1,988		-3,272
Consumption for non-energy uses		-2,013		-15,887			-4,255		-22,155
Statistical differences	0	0		4,409			2,814		7,223
FINAL ENERGY CONSUMPTION	0	6,085		6,376			21,387		33,848
<i>Consumption by industry and construction</i>		2,013		6,154			10,042		18,209
Iron and steel industry				3,807			431		4,239
Chemical industry									
Other industry and construction		2,013		2,346			9,611		13,970
<i>Consumption by transport</i>		1,223					3,360		4,583
Road		1,223					3,360		4,583
By other modes of transportation									
<i>Cons. by households and other consumers</i>		2,849		222			7,985		11,057
Households		2,572		30			6,901		9,504
Agriculture		25		192					217
Other consumers		253					1,084		1,336

Electricity Balance Sheet of SAARC Region

(Million kilowatt-hours)

Years Production and utilization	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Production of Primary Energy	122,481	115,865	131,274	139,784	162,482	180,690	184,699	174,369	172,866	194,663
Imports	1,889	1,786	2,095	2,204	2,232	4,062	6,646	7,334	7,223	8,460
Exports	-1,730	-1,781	-1,824	-1,996	-1,966	-3,937	-5,779	-5,983	-5,946	-5,881
PRIMARY ENERGY REQUIREMENT	122,640	115,870	131,545	139,992	162,748	180,815	185,566	175,720	174,143	197,241
Energy Converted	552,573	583,795	615,296	646,799	665,481	717,639	775,713	815,477	880,925	919,004
Electric power plants	552,573	583,795	615,296	646,799	665,481	717,639	775,713	815,477	880,925	919,004
Consumption by energy sector	-49,022	-47,355	-43,776	-45,936	-52,261	-48,465	-51,171	-54,186	-54,304	-57,119
Losses in transportation and distribution	-177,270	-185,997	-201,507	-204,011	-206,736	-209,360	-210,509	-183,157	-202,945	-165,331
Statistical differences	2,021	-1,252	59,858	61,310	-3,177	4,436	7,743	6,542	-8,520	66,662
FINAL ENERGY CONSUMPTION	446,900	467,565	441,700	475,534	572,410	636,193	691,855	747,312	806,338	827,132
<i>Consumption by industry and construction</i>	<i>183,960</i>	<i>193,688</i>	<i>152,488</i>	<i>167,659</i>	<i>246,063</i>	<i>280,179</i>	<i>305,741</i>	<i>331,948</i>	<i>370,630</i>	<i>321,411</i>
Iron and steel industry	12,832	12,536								
Chemical industry	6,002	10,460								
Other industry and construction	165,126	170,692	152,488	167,659	246,063	280,179	305,741	331,948	370,630	321,411
<i>Consumption by transport</i>	<i>8,426</i>	<i>8,815</i>	<i>9,227</i>	<i>9,513</i>	<i>9,963</i>	<i>10,818</i>	<i>11,122</i>	<i>12,148</i>	<i>12,415</i>	<i>14,009</i>
Rail	8,426	8,815	9,227	9,513	9,963	10,818	11,122	12,148	12,415	14,009
<i>Cons. by households and other consumers</i>	<i>254,514</i>	<i>265,062</i>	<i>279,985</i>	<i>298,362</i>	<i>316,382</i>	<i>345,197</i>	<i>374,993</i>	<i>403,217</i>	<i>423,294</i>	<i>491,712</i>
Households	109,658	116,261	123,743	134,870	143,496	157,741	168,365	179,252	176,735	224,032
Agriculture	92,839	90,544	94,257	96,100	98,858	107,879	113,379	123,862	131,356	142,423
Other consumers	52,017	58,256	61,985	67,392	74,029	79,577	93,249	100,103	115,203	125,257

Electricity Balance Sheet by-Country for 2001

(Million kilowatt-hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	310	993	1,940	95,085		1,849	19,191	3,113	122,481
Imports	95		16	1,540		238			1,889
Exports			-1,400	-187		-143			-1,730
PRIMARY ENERGY REQUIREMENT	405	993	556	96,438		1,944	19,191	3,113	122,640
Energy Converted	235	16,399		483,367	116	18	48,926	3,512	552,573
Electric power plants	235	16,399		483,367	116	18	48,926	3,512	552,573
Consumption by energy sector	-41	-977	-6	-44,820	0	-121	-2,995	-61	-49,022
Losses in transportation and distribution	-125	-2,413	-38	-156,531	-18	-392	-16,530	-1,223	-177,270
Statistical differences	80	0	23	1,917	-6	0	7	0	2,021
FINAL ENERGY CONSUMPTION	394	14,002	489	376,537	103	1,449	48,585	5,341	446,900
<i>Consumption by industry and construction</i>	<i>190</i>	<i>6,017</i>	<i>344</i>	<i>160,639</i>		<i>597</i>	<i>14,349</i>	<i>1,824</i>	<i>183,960</i>
Iron and steel industry				12,832					12,832
Chemical industry				6,002					6,002
Other industry and construction	190	6,017	344	141,805		597	14,349	1,824	165,126
<i>Consumption by transport</i>				<i>8,407</i>		<i>6</i>	<i>13</i>		<i>8,426</i>
Rail				8,407		6	13		8,426
By other modes of transportation									
<i>Cons. by households and other consumers</i>	<i>204</i>	<i>7,985</i>	<i>145</i>	<i>207,491</i>	<i>103</i>	<i>846</i>	<i>34,223</i>	<i>3,517</i>	<i>254,514</i>
Households	204	6,186	145	77,884	83	594	22,765	1,798	109,658
Agriculture		392		87,492		31	4,924		92,839
Other consumers		1,407		42,115	21	221	6,534	1,719	52,017

Electricity Balance Sheet by-Country for 2002

(Million kilowatt-hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	571	1,066	2,000	86,181		2,119	21,232	2,696	115,865
Imports	100		16	1,520		150			1,786
Exports			-1,420	-175		-186			-1,781
PRIMARY ENERGY REQUIREMENT	671	1,066	596	87,526		2,083	21,232	2,696	115,870
Energy Converted	275	17,599		510,362	126	4	51,174	4,255	583,795
Electric power plants	275	17,599		510,362	126	4	51,174	4,255	583,795
Consumption by energy sector	-40	-1,049	-6	-43,141	0	-136	-2,929	-54	-47,355
Losses in transportation and distribution	-130	-2,372	-50	-162,882	-14	-417	-18,878	-1,254	-185,997
Statistical differences	316	0	51	-1,596		0	-23	0	-1,252
FINAL ENERGY CONSUMPTION	460	15,244	489	393,461	112	1,534	50,622	5,643	467,565
<i>Consumption by industry and construction</i>	220	6,530	344	168,821		626	15,141	2,006	193,688
Iron and steel industry				12,536					12,536
Chemical industry				10,460					10,460
Other industry and construction	220	6,530	344	145,825		626	15,141	2,006	170,692
<i>Consumption by transport</i>				8,797		7	11		8,815
Rail				8,797		7	11		8,815
By other modes of transportation									
<i>Cons. by households and other consumers</i>	240	8,714	145	215,843	112	901	35,470	3,637	265,062
Households	240	6,774	145	83,355	89	627	23,210	1,821	116,261
Agriculture		416		84,486		35	5,607		90,544
Other consumers		1,524		48,002	22	239	6,653	1,816	58,256

Electricity Balance Sheet by-Country for 2003

(Million kilowatt-hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	647	1,126	2,199	93,022		2,263	28,704	3,313	131,274
Imports	100		24	1,748		150	73		2,095
Exports			-1,560	-58		-206			-1,824
PRIMARY ENERGY REQUIREMENT	747	1,126	663	94,712		2,207	28,777	3,313	131,545
Energy Converted	329	18,044	1	540,253	141	4	52,126	4,398	615,296
Electric power plants	329	18,044	1	540,253	141	4	52,126	4,398	615,296
Consumption by energy sector	-44	-713	-11	-39,801	0	-115	-3,041	-50	-43,776
Losses in transportation and distribution	-150	-5,064	-81	-174,035	-10	-442	-20,371	-1,354	-201,507
Statistical differences	367	-2,940	21	60,192		0	2,220	-2	59,858
FINAL ENERGY CONSUMPTION	515	16,333	551	360,937	131	1,654	55,271	6,309	441,700
<i>Consumption by industry and construction</i>	250	6,996	366	124,573		677	17,366	2,260	152,488
Iron and steel industry									
Chemical industry									
Other industry and construction	250	6,996	366	124,573		677	17,366	2,260	152,488
<i>Consumption by transport</i>				9,210		8	9		9,227
Rail				9,210		8	9		9,227
By other modes of transportation									
<i>Cons. by households and other consumers</i>	265	9,337	185	227,154	131	969	37,896	4,049	279,985
Households	135	7,258	185	89,736	98	677	23,624	2,030	123,743
Agriculture	15	446		87,089		38	6,669		94,257
Other consumers	115	1,633		50,329	33	254	7,603	2,019	61,985

Electricity Balance Sheet by-Country for 2004

(Million kilowatt-hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	579	1,226	2,527	101,621		2,402	28,466	2,963	139,784
Imports	100		19	1,735		241	109		2,204
Exports			-1,845	-40		-111			-1,996
PRIMARY ENERGY REQUIREMENT	679	1,226	701	103,316		2,532	28,575	2,963	139,992
Energy Converted	350	19,594	2	564,252	160	14	57,232	5,195	646,799
Electric power plants	350	19,594	2	564,252	160	14	57,232	5,195	646,799
Consumption by energy sector	-44	-758	-18	-41,590	-8	-169	-3,303	-46	-45,936
Losses in transportation and distribution	-165	-5,257	-105	-175,535	-8	-509	-21,037	-1,395	-204,011
Statistical differences	322	-3,416	19	64,309		0	140	-64	61,310
FINAL ENERGY CONSUMPTION	498	18,221	561	386,134	144	1,868	61,327	6,781	475,534
<i>Consumption by industry and construction</i>	240	7,721	373	137,589		764	18,591	2,381	167,659
Iron and steel industry									
Chemical industry									
Other industry and construction	240	7,721	373	137,589		764	18,591	2,381	167,659
<i>Consumption by transport</i>				9,495		6	12		9,513
Rail				9,495		6	12		9,513
By other modes of transportation									
<i>Cons. by households and other consumers</i>	258	10,500	188	239,050	144	1,098	42,724	4,400	298,362
Households	130	8,206	188	95,660	108	773	27,601	2,204	134,870
Agriculture	15	492		88,555		50	6,988		96,100
Other consumers	113	1,802		54,835	36	275	8,135	2,196	67,392

Electricity Balance Sheet by-Country for 2005

(Million kilowatt-hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	595	1,293	2,353	118,828		2,612	33,346	3,455	162,482
Imports	100		21	1,763		202	146		2,232
Exports			-1,624	-209		-133			-1,966
PRIMARY ENERGY REQUIREMENT	695	1,293	750	120,382		2,681	33,492	3,455	162,748
Energy Converted	365	20,713	2	578,406	185	10	60,486	5,314	665,481
Electric power plants	365	20,713	2	578,406	185	10	60,486	5,314	665,481
Consumption by energy sector	-50	-844	-6	-47,681	-8	-149	-3,463	-60	-52,261
Losses in transportation and distribution	-150	-1,864	-117	-180,099	-8	-538	-22,506	-1,454	-206,736
Statistical differences	150	-305	16	-3,443		0	405	0	-3,177
FINAL ENERGY CONSUMPTION	710	19,603	613	474,451	169	2,004	67,604	7,255	572,410
<i>Consumption by industry and construction</i>	250	8,224	404	214,121		814	19,803	2,447	246,063
Iron and steel industry									
Chemical industry									
Other industry and construction	250	8,224	404	214,121		814	19,803	2,447	246,063
<i>Consumption by transport</i>				9,944		6	13		9,963
Rail				9,944		6	13		9,963
By other modes of transportation									
<i>Cons. by households and other consumers</i>	460	11,379	209	250,386	169	1,184	47,788	4,808	316,382
Households	150	8,936	209	100,090	127	820	30,720	2,444	143,496
Agriculture	30	524		90,292		63	7,949		98,858
Other consumers	280	1,919		60,004	42	301	9,119	2,364	74,029

Electricity Balance Sheet by-Country for 2006

(Million kilowatt-hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	646	1,389	4,519	132,522		2,735	34,241	4,638	180,690
Imports	594		11	2,957		329	171		4,062
Exports			-3,644	-216		-77			-3,937
PRIMARY ENERGY REQUIREMENT	1,240	1,389	886	135,263		2,987	34,412	4,638	180,815
Energy Converted	267	28,490	2	619,932	212	13	63,972	4,751	717,639
Electric power plants	267	28,490	2	619,932	212	13	63,972	4,751	717,639
Consumption by energy sector	-52	-961		-43,577	-8	-33	-3,760	-74	-48,465
Losses in transportation and distribution	-200	-1,778	-121	-183,043	-8	-815	-21,912	-1,483	-209,360
Statistical differences	15	1,513	3	2,904		1	0	0	4,436
FINAL ENERGY CONSUMPTION	1,240	25,627	764	525,671	196	2,151	72,712	7,832	636,193
<i>Consumption by industry and construction</i>	300	13,646	497	241,216		849	21,066	2,605	280,179
Iron and steel industry									
Chemical industry									
Other industry and construction	300	13,646	497	241,216		849	21,066	2,605	280,179
<i>Consumption by transport</i>				10,800		6	12		10,818
Rail				10,800		6	12		10,818
By other modes of transportation									
<i>Cons. by households and other consumers</i>	940	11,981	268	273,655	196	1,296	51,634	5,227	345,197
Households	300	9,313	114	111,001	137	918	33,335	2,622	157,741
Agriculture	60	572		99,023		48	8,176		107,879
Other consumers	580	2,096	153	63,631	59	330	10,123	2,605	79,577

Electricity Balance Sheet by-Country for 2007

(Million kilowatt-hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	684	1,392	6,560	137,546		2,783	31,784	3,950	184,699
Imports	785		7	5,230		425	199		6,646
Exports			-5,429	-290		-60			-5,779
PRIMARY ENERGY REQUIREMENT	1,469	1,392	1,138	142,486		3,148	31,983	3,950	185,566
Energy Converted	266	29,894	2	675,556	245	9	63,877	5,864	775,713
Electric power plants	266	29,894	2	675,556	245	9	63,877	5,864	775,713
Consumption by energy sector	-53	-1,757		-45,531		-31	-3,718	-81	-51,171
Losses in transportation and distribution	-200	-1,602	-151	-187,513		-845	-18,742	-1,457	-210,509
Statistical differences	-18	724	-1	7,039		-1	0	0	7,743
FINAL ENERGY CONSUMPTION	1,500	27,203	990	577,959	245	2,282	73,400	8,276	691,855
<i>Consumption by industry and construction</i>	300	15,097	681	265,406		901	20,729	2,627	305,741
Iron and steel industry									
Chemical industry									
Other industry and construction	300	15,097	681	265,406		901	20,729	2,627	305,741
<i>Consumption by transport</i>				11,108		6	8		11,122
Rail				11,108		6	8		11,122
By other modes of transportation									
<i>Cons. by households and other consumers</i>	1,200	12,106	310	301,445	245	1,375	52,663	5,649	374,993
Households	300	9,410	128	120,918	172	963	33,704	2,771	168,365
Agriculture	100	578		104,182		47	8,472		113,379
Other consumers	800	2,118	182	76,345	74	365	10,487	2,878	93,249

Electricity Balance Sheet by-Country for 2008

(Million kilowatt-hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	541	1,474	6,961	129,050		2,803	29,402	4,138	174,369
Imports	835		17	5,899		356	227		7,334
Exports			-5,609	-327		-46			-5,983
PRIMARY ENERGY REQUIREMENT	1,376	1,474	1,368	134,622		3,113	29,629	4,138	175,720
Energy Converted	247	33,483	0	713,481	280	9	62,214	5,763	815,477
Electric power plants	247	33,483	0	713,481	280	9	62,214	5,763	815,477
Consumption by energy sector	-55	-1,963		-49,977		-31	-2,077	-83	-54,186
Losses in transportation and distribution	-200	-1,689	-166	-159,409		-896	-19,396	-1,401	-183,157
Statistical differences	-132	-468	0	7,143		1	-2	0	6,542
FINAL ENERGY CONSUMPTION	1,500	31,773	1,203	631,574	280	2,194	70,372	8,417	747,312
<i>Consumption by industry and construction</i>	300	17,897	869	290,027		846	19,330	2,678	331,948
Iron and steel industry									
Chemical industry									
Other industry and construction	300	17,897	869	290,027		846	19,330	2,678	331,948
<i>Consumption by transport</i>				12,138		5	5		12,148
Rail				12,138		5	5		12,148
By other modes of transportation									
<i>Cons. by households and other consumers</i>	1,200	13,876	334	329,409	280	1,343	51,037	5,739	403,217
Households	300	10,457	137	132,135	196	946	32,282	2,799	179,252
Agriculture	100	1,072		113,847		48	8,795		123,862
Other consumers	800	2,347	196	83,427	84	349	9,960	2,940	100,103

Electricity Balance Sheet by-Country for 2009

(Million kilowatt-hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	775	1,552	6,998	125,545		3,102	30,987	3,907	172,866
Imports	957		19	5,359		639	249		7,223
Exports			-5,353	-519		-75			-5,946
PRIMARY ENERGY REQUIREMENT	1,732	1,552	1,665	130,385		3,666	31,236	3,907	174,143
Energy Converted	114	36,310	0	773,844	298	13	64,371	5,975	880,925
Electric power plants	114	36,310	0	773,844	298	13	64,371	5,975	880,925
Consumption by energy sector	-53	-2,126		-49,706		-37	-2,303	-79	-54,304
Losses in transportation and distribution	-200	-865	-167	-180,321		-1,073	-18,957	-1,362	-202,945
Statistical differences	-7	-573	0	-7,942		2		0	-8,520
FINAL ENERGY CONSUMPTION	1,600	35,444	1,498	682,144	298	2,567	74,347	8,441	806,338
<i>Consumption by industry and construction</i>	<i>300</i>	<i>19,667</i>	<i>1,110</i>	<i>326,252</i>		<i>960</i>	<i>19,823</i>	<i>2,518</i>	<i>370,630</i>
Iron and steel industry									
Chemical industry									
Other industry and construction	300	19,667	1,110	326,252		960	19,823	2,518	370,630
<i>Consumption by transport</i>				<i>12,408</i>		<i>5</i>	<i>2</i>		<i>12,415</i>
Rail				12,408		5	2		12,415
By other modes of transportation									
<i>Cons. by households and other consumers</i>	<i>1,300</i>	<i>15,777</i>	<i>388</i>	<i>343,484</i>	<i>298</i>	<i>1,602</i>	<i>54,522</i>	<i>5,923</i>	<i>423,294</i>
Households	300	11,664	148	126,080	194	1,151	34,272	2,927	176,735
Agriculture	100	1,302		120,209		56	9,689		131,356
Other consumers	900	2,811	241	97,195	104	395	10,561	2,996	115,203

Electricity Balance Sheet by-Country for 2010

(Million kilowatt-hours)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	767	1,662	7,328	140,752		3,204	35,231	5,719	194,663
Imports	1,867		20	5,610		694	269		8,460
Exports			-5,268	-584		-30			-5,881
PRIMARY ENERGY REQUIREMENT	2,634	1,662	2,081	145,778		3,868	35,500	5,719	197,241
Energy Converted	125	40,685	1	813,787	256	3	59,152	4,995	919,004
Electric power plants	125	40,685	1	813,787	256	3	59,152	4,995	919,004
Consumption by energy sector	-27	-2,378		-52,380		-30	-2,239	-65	-57,119
Losses in transportation and distribution	-404	-881	-193	-146,063		-1,094	-15,315	-1,381	-165,331
Statistical differences	-72	-310	314	66,730		1	-1	0	66,662
FINAL ENERGY CONSUMPTION	2,400	39,398	1,574	694,392	256	2,746	77,099	9,268	827,132
<i>Consumption by industry and construction</i>	<i>500</i>	<i>21,880</i>	<i>1,323</i>	<i>272,589</i>		<i>1,043</i>	<i>21,207</i>	<i>2,870</i>	<i>321,411</i>
Iron and steel industry									
Chemical industry									
Other industry and construction	500	21,880	1,323	272,589		1,043	21,207	2,870	321,411
<i>Consumption by transport</i>				<i>14,003</i>		<i>5</i>	<i>1</i>		<i>14,009</i>
Rail				14,003		5	1		14,009
By other modes of transportation									
<i>Cons. by households and other consumers</i>	<i>1,900</i>	<i>17,518</i>	<i>251</i>	<i>407,800</i>	<i>256</i>	<i>1,698</i>	<i>55,891</i>	<i>6,398</i>	<i>491,712</i>
Households	1,387	12,714	154	169,326	166	1,214	35,885	3,185	224,032
Agriculture	100	1,330		131,967		55	8,971		142,423
Other consumers	413	3,474	97	106,507	90	429	11,035	3,213	125,257

Biomass Energy Balance Sheet of SAARC Region

(Thousand tonnes of oil equivalent)

Years Production and utilization	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Production of Primary Energy	118,095	122,457	195,534	193,561	195,178	216,163	210,757	212,015	207,135	213,353
Imports	68	73	94	123	112	171	192	213	216	63
Exports	-8	-5	-6	-3	-3	-5	-6	-24	-146	-144
PRIMARY ENERGY REQUIREMENT	118,155	122,524	195,622	193,681	195,287	216,330	210,943	212,204	207,206	213,272
Energy Converted	1,317	2,071	1,248	452	456	-2,573	-2,526	-2,553	-2,561	-3,282
Electric power plants	-26	-26	-1,055	-1,067	-1,080	-1,103	-1,104	-1,117	-1,115	-1,157
Other conversion industries	1,343	2,097	2,303	1,520	1,535	-1,470	-1,422	-1,437	-1,446	-2,124
Statistical differences	9	42	51	53	80	-2	1,078	1,288	1,521	966
FINAL ENERGY CONSUMPTION	119,464	124,554	196,819	194,081	195,662	213,759	207,339	208,363	203,124	209,025
<i>Consumption by industry and construction</i>	<i>15,223</i>	<i>15,430</i>	<i>42,336</i>	<i>38,695</i>	<i>38,575</i>	<i>45,602</i>	<i>45,655</i>	<i>44,955</i>	<i>38,765</i>	<i>43,473</i>
Other industry and construction	15,223	15,430	42,336	38,695	38,575	45,602	45,655	44,955	38,765	43,473
<i>Consumption by transport</i>										
<i>Cons. by households and other consumers</i>	<i>104,241</i>	<i>109,124</i>	<i>154,483</i>	<i>155,386</i>	<i>157,087</i>	<i>168,157</i>	<i>161,684</i>	<i>163,408</i>	<i>164,359</i>	<i>165,552</i>
Households	102,684	106,808	146,581	148,167	149,749	160,810	154,183	155,860	156,731	156,859
Other consumers	1,557	2,316	7,902	7,219	7,338	7,347	7,500	7,548	7,629	8,693

Biomass Energy Balance Sheet by-Country for 2001

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	339	18,472	922	71,208		10,126	11,631	5,397	118,095
Imports					68			1	68
Exports				-3				-4	-8
PRIMARY ENERGY REQUIREMENT	339	18,472	922	71,204	68	10,126	11,631	5,393	118,155
Energy Converted		199		1,105		24	38	-49	1,317
Electric power plants				-26					-26
Other conversion industries		199		1,131		24	38	-49	1,343
Consumption for non-energy uses									
Statistical differences	57	-31	4	0		31	0	-52	9
FINAL ENERGY CONSUMPTION	282	18,702	918	72,309	68	10,119	11,669	5,397	119,464
<i>Consumption by industry and construction</i>		96		11,757		189	1,595	1,586	15,223
Other industry and construction		96		11,757		189	1,595	1,586	15,223
<i>Consumption by transport</i>									
<i>Cons. by households and other consumers</i>	282	18,607	918	60,552	68	9,930	10,075	3,811	104,241
Households	282	18,408	915	59,420	68	9,832	10,075	3,686	102,684
Other consumers		199	4	1,131		98		125	1,557

Biomass Energy Balance Sheet by-Country for 2002

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	349	18,747	936	75,951		10,404	10,882	5,188	122,457
Imports					68			5	73
Exports				-2				-3	-5
PRIMARY ENERGY REQUIREMENT	349	18,747	936	75,949	68	10,404	10,882	5,190	122,524
Energy Converted		201		1,854		25	39	-49	2,071
Electric power plants				-26					-26
Other conversion industries		201		1,880		25	39	-49	2,097
Consumption for non-energy uses									
Statistical differences	59	0	4	1		38	-14	-47	42
FINAL ENERGY CONSUMPTION	289	18,948	932	77,803	68	10,391	10,935	5,188	124,554
<i>Consumption by industry and construction</i>		135		11,532		226	1,969	1,568	15,430
Other industry and construction		135		11,532		226	1,969	1,568	15,430
<i>Consumption by transport</i>									
<i>Cons. by households and other consumers</i>	290	18,813	932	66,271	68	10,165	8,966	3,620	109,124
Households	290	18,612	928	64,388	68	10,056	8,966	3,500	106,808
Other consumers		201	4	1,882		109	0	120	2,316

Biomass Energy Balance Sheet by-Country for 2003

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	298	13,465	950	164,479		3,649	11,453	1,240	195,534
Imports				0	93			1	94
Exports				-5				-1	-6
PRIMARY ENERGY REQUIREMENT	298	13,465	950	164,474	93	3,649	11,453	1,240	195,622
Energy Converted	61	204		897		44	41	1	1,248
Electric power plants				-1,055					-1,055
Other conversion industries	61	204		1,952		44	41	1	2,303
Consumption for non-energy uses									
Statistical differences	0	7	4	-5		44	0	1	51
FINAL ENERGY CONSUMPTION	358	13,662	946	165,376	93	3,650	11,494	1,240	196,819
<i>Consumption by industry and construction</i>		98		38,945		196	2,385	712	42,336
Other industry and construction		98		38,945		196	2,385	712	42,336
<i>Consumption by transport</i>									
<i>Cons. by households and other consumers</i>	358	13,564	946	126,431	93	3,454	9,109	528	154,483
Households	358	13,367	942	118,800	93	3,384	9,109	528	146,581
Other consumers		197	4	7,631		71			7,902

Biomass Energy Balance Sheet by-Country for 2004

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	306	13,560	964	161,981		3,674	11,849	1,227	193,561
Imports				1	122			0	123
Exports				-3				0	-3
PRIMARY ENERGY REQUIREMENT	306	13,560	964	161,979	122	3,674	11,849	1,227	193,681
Energy Converted	63	206		95		45	42	1	452
Electric power plants				-1,067					-1,067
Other conversion industries	63	206		1,162		45	42	1	1,520
Consumption for non-energy uses									
Statistical differences	0	7	4	-5		46	0	1	53
FINAL ENERGY CONSUMPTION	369	13,759	960	162,079	122	3,674	11,891	1,227	194,081
<i>Consumption by industry and construction</i>		74		34,992		205	2,632	792	38,695
Other industry and construction		74		34,992		205	2,632	792	38,695
<i>Consumption by transport</i>									
<i>Cons. by households and other consumers</i>	369	13,685	960	127,087	122	3,469	9,259	435	155,386
Households	369	13,486	956	120,139	122	3,402	9,259	435	148,167
Other consumers		199	4	6,948		67			7,219

Biomass Energy Balance Sheet by-Country for 2005

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	314	13,693	979	164,262		3,689	11,004	1,238	195,178
Imports				1	111			0	112
Exports				-3				0	-3
PRIMARY ENERGY REQUIREMENT	314	13,693	979	164,260	111	3,689	11,004	1,238	195,287
Energy Converted	65	209		91		46	43	1	456
Electric power plants				-1,080					-1,080
Other conversion industries	65	209		1,171		46	43	1	1,535
Consumption for non-energy uses									
Statistical differences	0	7	29	-5		49	0	1	80
FINAL ENERGY CONSUMPTION	380	13,895	950	164,356	111	3,686	11,047	1,238	195,662
<i>Consumption by industry and construction</i>		71		35,800		194	1,670	841	38,575
Other industry and construction		71		35,800		194	1,670	841	38,575
<i>Consumption by transport</i>									
<i>Cons. by households and other consumers</i>	380	13,824	950	128,556	111	3,492	9,377	397	157,087
Households	380	13,622	946	121,492	111	3,424	9,377	397	149,749
Other consumers		202	4	7,064		68			7,338

Biomass Energy Balance Sheet by-Country for 2006

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	321	13,830	987	171,826		3,699	22,748	2,752	216,163
Imports		0	0		170	0		1	171
Exports		0	0	-2				-2	-5
PRIMARY ENERGY REQUIREMENT	321	13,830	987	171,824	170	3,699	22,748	2,751	216,330
Energy Converted	-125	-189	-13	-2,161		-45	-40	-1	-2,573
Electric power plants				-1,103					-1,103
Other conversion industries	-125	-189	-13	-1,058		-45	-40	-1	-1,470
Consumption for non-energy uses									
Statistical differences	0	0	0	0		0	0	-2	-2
FINAL ENERGY CONSUMPTION	197	13,641	974	169,663	170	3,654	22,709	2,752	213,759
<i>Consumption by industry and construction</i>		86		39,832		201	4,549	934	45,602
Other industry and construction		86		39,832		201	4,549	934	45,602
<i>Consumption by transport</i>									
<i>Cons. by households and other consumers</i>	197	13,555	974	129,831	170	3,453	18,160	1,818	168,157
Households	197	13,344	970	122,768	170	3,383	18,160	1,818	160,810
Other consumers		211	4	7,063		70			7,347

Biomass Energy Balance Sheet by-Country for 2007

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	328	13,834	999	176,834		3,709	12,399	2,653	210,757
Imports		0	19	0	170	0		3	192
Exports		0	-3	-2				-1	-6
PRIMARY ENERGY REQUIREMENT	328	13,834	1,016	176,832	170	3,709	12,399	2,655	210,943
Energy Converted	-62	-191	-13	-2,170		-46	-44	-1	-2,526
Electric power plants				-1,104					-1,104
Other conversion industries	-62	-191	-13	-1,066		-46	-44	-1	-1,422
Consumption for non-energy uses									
Statistical differences	0	0	0	1,078		0	0	1	1,078
FINAL ENERGY CONSUMPTION	266	13,643	1,003	173,585	170	3,663	12,355	2,653	207,339
<i>Consumption by industry and construction</i>		100		41,891		203	2,566	895	45,655
Other industry and construction		100		41,891		203	2,566	895	45,655
<i>Consumption by transport</i>									
<i>Cons. by households and other consumers</i>	266	13,543	1,003	131,694	170	3,460	9,789	1,758	161,684
Households	266	13,330	999	124,482	170	3,390	9,789	1,758	154,183
Other consumers		213	4	7,212		70			7,500

Biomass Energy Balance Sheet by-Country for 2008

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	335	13,865	1,012	177,596		3,726	12,898	2,582	212,015
Imports		0	32	1	172	0		8	213
Exports		0	-5	-16				-2	-24
PRIMARY ENERGY REQUIREMENT	335	13,865	1,039	177,581	172	3,726	12,898	2,588	212,204
Energy Converted	-64	-193	-12	-2,190		-47	-46	0	-2,553
Electric power plants				-1,117					-1,117
Other conversion industries	-64	-193	-12	-1,073		-47	-46	0	-1,437
Consumption for non-energy uses									
Statistical differences	0	0	0	1,282		0	0	6	1,288
FINAL ENERGY CONSUMPTION	271	13,672	1,026	174,109	172	3,679	12,852	2,582	208,363
<i>Consumption by industry and construction</i>		65		40,905		203	2,948	834	44,955
Other industry and construction		65		40,905		203	2,948	834	44,955
<i>Consumption by transport</i>									
<i>Cons. by households and other consumers</i>	271	13,607	1,026	133,204	172	3,475	9,905	1,748	163,408
Households	271	13,392	1,022	125,948	172	3,403	9,905	1,748	155,860
Other consumers		215	4	7,256		72			7,548

Biomass Energy Balance Sheet by-Country for 2009

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	342	13,916	1,025	173,614		3,730	12,055	2,453	207,135
Imports		0	32	2	173	0		9	216
Exports		0	-5	-138				-3	-146
PRIMARY ENERGY REQUIREMENT	342	13,916	1,052	173,478	173	3,730	12,055	2,459	207,206
Energy Converted	-66	-195	-12	-2,195		-48	-43	-1	-2,561
Electric power plants				-1,115					-1,115
Other conversion industries	-66	-195	-12	-1,081		-48	-43	-1	-1,446
Consumption for non-energy uses									
Statistical differences	0	0	0	1,516		0		5	1,521
FINAL ENERGY CONSUMPTION	276	13,721	1,039	169,767	173	3,683	12,012	2,453	203,124
<i>Consumption by industry and construction</i>		47		35,786		199	2,061	671	38,765
Other industry and construction		47		35,786		199	2,061	671	38,765
<i>Consumption by transport</i>									
<i>Cons. by households and other consumers</i>	276	13,674	1,039	133,981	173	3,484	9,951	1,781	164,359
Households	276	13,456	1,034	126,648	173	3,411	9,951	1,781	156,731
Other consumers		217	5	7,333		73			7,629

Biomass Energy Balance Sheet by-Country for 2010

(Thousand tonnes of oil equivalent)

	Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan	Sri Lanka	Total SAARC Region
Production of Primary Energy	352	14,000	1,038	179,515	4	3,741	12,337	2,366	213,353
Imports		0	49	1	0	3	0	10	63
Exports		0	-9	-133			0	-2	-144
PRIMARY ENERGY REQUIREMENT	352	14,000	1,078	179,383	4	3,744	12,337	2,375	213,272
Energy Converted	-68	-197	-12	-2,909		-49	-44	-2	-3,282
Electric power plants				-1,157					-1,157
Other conversion industries	-68	-197	-12	-1,752		-49	-44	-2	-2,124
Consumption for non-energy uses									
Statistical differences	0	0	0	959		0	0	6	966
FINAL ENERGY CONSUMPTION	283	13,803	1,065	175,515	4	3,695	12,293	2,366	209,025
<i>Consumption by industry and construction</i>		56		40,271		199	2,274	672	43,473
Other industry and construction		56		40,271		199	2,274	672	43,473
<i>Consumption by transport</i>									
<i>Cons. by households and other consumers</i>	283	13,747	1,065	135,244	4	3,496	10,019	1,694	165,552
Households	283	13,527	1,063	126,847	4	3,422	10,019	1,694	156,859
Other consumers		220	2	8,398		74			8,693

Part II:
Energy Production and Supply

Domestic Energy Production in SAARC Region

(Thousand tonnes of oil equivalent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Afghanistan	483	418	382	381	390	404	557	623	755	919
Bangladesh	27,670	28,413	23,869	24,733	25,702	27,672	28,617	29,777	31,269	32,632
Bhutan	1,121	1,141	1,181	1,198	1,236	1,436	1,626	1,685	1,650	1,718
India	367,691	383,911	445,232	456,373	473,089	497,296	519,612	541,420	570,438	592,166
Maldives										4
Nepal	10,289	10,591	3,848	3,883	3,916	3,944	3,954	3,973	4,003	4,023
Pakistan	37,073	37,808	42,696	45,921	46,988	61,415	51,772	52,012	51,716	52,187
Sri Lanka	5,659	5,416	1,520	1,477	1,530	3,144	2,987	2,932	2,783	2,849
Total SAARC Region	449,986	467,697	518,728	533,966	552,850	595,310	609,124	632,422	662,613	686,497

Domestic Energy Production in SAARC Region for 2001

(Thousand tonnes of oil equivalent)

	Hard Coal lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	18		100	26	339	483
Bangladesh		99	9,016	84	18,472	27,670
Bhutan	34			164	922	1,121
India	231,963	35,708	20,781	8,031	71,208	367,691
Maldives						
Nepal	7			156	10,126	10,289
Pakistan	2,128	2,914	18,779	1,621	11,631	37,073
Sri Lanka				263	5,397	5,659
Total SAARC Region	234,150	38,721	48,675	10,345	118,095	449,986

Domestic Energy Production in SAARC Region for 2002

(Thousand tonnes of oil equivalent)

	Hard Coal lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	14		7	48	349	418
Bangladesh		91	9,485	90	18,747	28,413
Bhutan	36			169	936	1,141
India	241,554	36,646	22,480	7,279	75,951	383,911
Maldives						
Nepal	8			179	10,404	10,591
Pakistan	2,288	3,215	19,629	1,793	10,882	37,808
Sri Lanka				228	5,188	5,416
Total SAARC Region	243,901	39,952	51,600	9,786	122,457	467,697

Domestic Energy Production in SAARC Region for 2003

(Thousand tonnes of oil equivalent)

	Hard Coal lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	24		6	55	298	382
Bangladesh		106	10,203	95	13,465	23,869
Bhutan	45			186	950	1,181
India	212,162	36,893	23,841	7,857	164,479	445,232
Maldives						
Nepal	8			191	3,649	3,848
Pakistan	1,539	3,256	24,025	2,424	11,453	42,696
Sri Lanka				280	1,240	1,520
Total SAARC Region	213,778	40,254	58,074	11,088	195,534	518,728

Domestic Energy Production in SAARC Region for 2004

(Thousand tonnes of oil equivalent)

	Hard Coal lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	23		3	49	306	381
Bangladesh		95	10,974	104	13,560	24,733
Bhutan	21			213	964	1,198
India	224,873	37,286	23,649	8,583	161,981	456,373
Maldives						
Nepal	6			203	3,674	3,883
Pakistan	2,131	3,355	26,182	2,404	11,849	45,921
Sri Lanka				250	1,227	1,477
Total SAARC Region	227,054	40,737	60,807	11,807	193,561	533,966

Domestic Energy Production in SAARC Region for 2005

(Thousand tonnes of oil equivalent)

	Hard Coal lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	23		2	50	314	390
Bangladesh		102	11,798	109	13,693	25,702
Bhutan	58			199	979	1,236
India	238,731	36,003	24,057	10,037	164,262	473,089
Maldives						
Nepal	6			221	3,689	3,916
Pakistan	2,263	3,428	27,477	2,817	11,004	46,988
Sri Lanka				292	1,238	1,530
Total SAARC Region	241,081	39,533	63,334	13,724	195,178	552,850

Domestic Energy Production in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Hard Coal lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	24		4	55	321	404
Bangladesh	149	99	13,477	117	13,830	27,672
Bhutan	67			382	987	1,436
India	252,563	38,132	23,581	11,193	171,826	497,296
Maldives						
Nepal	14			231	3,699	3,944
Pakistan	1,692	3,670	30,412	2,892	22,748	61,415
Sri Lanka				392	2,752	3,144
Total SAARC Region	254,510	41,901	67,474	15,262	216,163	595,310

Domestic Energy Production in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Hard Coal lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	167		4	58	328	557
Bangladesh	191	89	14,386	118	13,834	28,617
Bhutan	72			554	999	1,626
India	268,131	37,896	25,133	11,618	176,834	519,612
Maldives						
Nepal	10			235	3,709	3,954
Pakistan	1,916	3,794	30,979	2,685	12,399	51,772
Sri Lanka				334	2,653	2,987
Total SAARC Region	270,486	41,779	70,501	15,600	210,757	609,124

Domestic Energy Production in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Hard Coal lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	239		4	46	335	623
Bangladesh	332	81	15,374	124	13,865	29,777
Bhutan	85			588	1,012	1,685
India	288,103	37,484	27,337	10,900	177,596	541,420
Maldives						
Nepal	10			237	3,726	3,973
Pakistan	1,736	3,529	31,365	2,483	12,898	52,012
Sri Lanka				350	2,582	2,932
Total SAARC Region	290,506	41,094	74,080	14,728	212,015	632,422

Domestic Energy Production in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Hard Coal lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	344		3	65	342	755
Bangladesh	421	73	16,728	131	13,916	31,269
Bhutan	33			591	1,025	1,650
India	310,871	37,670	37,680	10,604	173,614	570,438
Maldives						
Nepal	10			262	3,730	4,003
Pakistan	1,617	3,473	31,954	2,617	12,055	51,716
Sri Lanka				330	2,453	2,783
Total SAARC Region	313,297	41,216	86,364	14,601	207,135	662,613

Domestic Energy Production in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Hard Coal lignite and Peat	Crude Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	499		4	65	352	919
Bangladesh	421	67	18,003	140	14,000	32,632
Bhutan	60			619	1,038	1,718
India	311,950	41,892	46,920	11,889	179,515	592,166
Maldives					4	4
Nepal	11			271	3,741	4,023
Pakistan	1,603	3,470	31,802	2,976	12,337	52,187
Sri Lanka				483	2,366	2,849
Total SAARC Region	314,544	45,429	96,729	16,442	213,353	686,497

Total Energy Supply in SAARC Region

(Thousand tonnes of oil equivalent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Afghanistan	593	509	540	584	596	837	1,058	1,678	2,544	3,136
Bangladesh	31,742	32,480	27,948	28,773	30,167	33,513	33,894	33,488	35,817	37,525
Bhutan	1,064	1,081	1,093	1,109	1,133	1,156	1,207	1,256	1,288	1,376
India	456,114	475,380	540,374	556,285	574,295	607,501	644,377	691,964	737,746	753,694
Maldives	243	290	288	367	332	454	463	491	508	343
Nepal	11,303	11,396	4,720	4,707	4,859	4,734	4,756	4,888	5,089	5,200
Pakistan	52,406	52,649	54,491	60,683	61,786	78,629	71,169	71,069	70,665	72,028
Sri Lanka	8,907	8,882	4,853	5,203	5,158	6,902	6,890	6,667	6,811	6,820
Total SAARC Region	562,371	582,667	634,308	657,711	678,325	733,725	763,816	811,502	860,467	880,122

Total Primary Energy Supply in SAARC Region for 2001

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	18		102	100	34	339	593
Bangladesh	481		3,689	9,016	84	18,472	31,742
Bhutan	45		50		47	922	1,064
India	246,963	1,410	107,611	20,781	8,146	71,204	456,114
Maldives			175			68	243
Nepal	338		674		164	10,126	11,303
Pakistan	2,781		17,593	18,779	1,621	11,631	52,406
Sri Lanka	0	1	3,251		263	5,393	8,907
Total SAARC Region	250,627	1,410	133,144	48,675	10,359	118,155	562,371

Total Primary Energy Supply in SAARC Region for 2002

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	14		83	7	57	349	509
Bangladesh	481		3,677	9,485	90	18,747	32,480
Bhutan	43		52		50	936	1,081
India	255,635	1,387	112,535	22,480	7,393	75,949	475,380
Maldives			222			68	290
Nepal	157		660		176	10,404	11,396
Pakistan	3,032		17,313	19,629	1,793	10,882	52,649
Sri Lanka	1	1	3,462		228	5,190	8,882
Total SAARC Region	259,363	1,388	138,005	51,600	9,787	122,524	582,667

Total Primary Energy Supply in SAARC Region for 2003

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	24		150	6	63	298	540
Bangladesh	344		3,842	10,203	95	13,465	27,948
Bhutan	39		49		56	950	1,093
India	225,184	1,050	117,825	23,841	8,000	164,474	540,374
Maldives			195			93	288
Nepal	200		684		186	3,649	4,720
Pakistan	2,612		13,964	24,031	2,431	11,453	54,491
Sri Lanka	66	1	3,267		280	1,240	4,853
Total SAARC Region	228,469	1,051	139,975	58,080	11,111	195,622	634,308

Total Primary Energy Supply in SAARC Region for 2004

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	23		195	3	57	306	584
Bangladesh	344		3,791	10,974	104	13,560	28,773
Bhutan	34		52		59	964	1,109
India	240,460	1,461	120,009	23,649	8,727	161,979	556,285
Maldives			245			122	367
Nepal	177		642		214	3,674	4,707
Pakistan	4,381		15,850	26,189	2,414	11,849	60,683
Sri Lanka	65	1	3,660		250	1,227	5,203
Total SAARC Region	245,485	1,461	144,444	60,815	11,824	193,681	657,711

Total Primary Energy Supply in SAARC Region for 2005

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	23		198	2	59	314	596
Bangladesh	344		4,223	11,798	109	13,693	30,167
Bhutan	39		52		63	979	1,133
India	253,692	1,524	120,594	24,057	10,168	164,260	574,295
Maldives			221			111	332
Nepal	282		662		226	3,689	4,859
Pakistan	4,197		16,278	27,479	2,829	11,004	61,786
Sri Lanka	65	1	3,563		292	1,238	5,158
Total SAARC Region	258,642	1,524	145,789	63,336	13,746	195,287	678,325

Total Primary Energy Supply in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	24		383	4	105	321	837
Bangladesh	149		5,940	13,477	117	13,830	33,513
Bhutan	22		72		75	987	1,156
India	270,410	2,853	127,408	23,581	11,425	171,824	607,501
Maldives			283			170	454
Nepal	178		605		252	3,699	4,734
Pakistan	4,585		17,981	30,408	2,907	22,748	78,629
Sri Lanka	65	1	3,694		392	2,751	6,902
Total SAARC Region	275,433	2,854	156,366	67,471	15,272	216,330	733,725

Total Primary Energy Supply in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	167	27	408	4	124	328	1,058
Bangladesh	191		5,367	14,386	118	13,834	33,894
Bhutan	21		75		96	1,016	1,207
India	294,342	2,569	133,467	25,133	12,035	176,832	644,377
Maldives			293			170	463
Nepal	226		556		266	3,709	4,756
Pakistan	5,989		19,101	30,978	2,701	12,399	71,169
Sri Lanka	47	0	3,855		334	2,655	6,890
Total SAARC Region	300,982	2,595	163,121	70,501	15,674	210,943	763,816

Total Primary Energy Supply in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	239	41	944	4	116	335	1,678
Bangladesh	332		3,791	15,374	124	13,865	33,488
Bhutan	29		73		116	1,039	1,256
India	320,600	337	154,738	27,337	11,371	177,581	691,964
Maldives			319			172	491
Nepal	212		687		263	3,726	4,888
Pakistan	4,901		19,406	31,361	2,503	12,898	71,069
Sri Lanka	50	0	3,680		350	2,588	6,667
Total SAARC Region	326,364	378	183,638	74,077	14,842	212,204	811,502

Total Primary Energy Supply in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	344	57	1,651	3	146	342	2,544
Bangladesh	421		4,621	16,728	131	13,916	35,817
Bhutan	15		81		141	1,052	1,288
India	341,810	1,318	172,447	37,680	11,013	173,478	737,746
Maldives			335			173	508
Nepal	221		827		310	3,730	5,089
Pakistan	4,797		19,224	31,949	2,638	12,055	70,665
Sri Lanka	52	0	3,970		330	2,459	6,811
Total SAARC Region	347,660	1,375	203,157	86,360	14,709	207,206	860,467

Total Primary Energy Supply in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Petroleum and NGL	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan	499	105	1,955	4	222	352	3,136
Bangladesh	421		4,960	18,003	140	14,000	37,525
Bhutan	20		103		176	1,078	1,376
India	344,518	1,745	168,814	46,920	12,313	179,383	753,694
Maldives			339			4	343
Nepal	232		898		327	3,744	5,200
Pakistan	4,516		20,392	31,784	2,998	12,337	72,028
Sri Lanka	65	0	3,897		483	2,375	6,820
Total SAARC Region	350,271	1,849	201,358	96,712	16,660	213,272	880,122

Part III:

Energy Consumption

Final Energy Consumption in SAARC Region

(Thousand tonnes of oil equivalent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Afghanistan	401	397	548	549	581	676	789	1,330	1,751	2,443
Bangladesh	25,020	25,726	20,909	20,892	22,667	22,316	23,325	24,881	26,189	26,393
Bhutan	1,054	1,067	1,079	1,093	1,092	1,132	1,181	1,229	1,261	1,320
India	229,924	239,063	332,463	334,385	349,782	379,151	406,163	457,386	478,195	463,938
Maldives	221	266	264	340	299	416	422	443	459	300
Nepal	11,235	11,320	4,660	4,629	4,773	4,614	4,635	4,742	4,946	5,055
Pakistan	36,814	36,595	38,574	44,068	44,761	58,971	51,919	50,874	51,250	51,585
Sri Lanka	8,213	8,101	4,377	4,546	4,537	5,904	5,828	5,715	5,580	5,866
Total SAARC Region	312,882	322,535	402,876	410,501	428,492	473,181	494,262	546,600	569,631	556,901

Final Energy Consumption in SAARC Region for 2001

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Total
Afghanistan	0		70	16				33	282	401
Bangladesh	481		928	1,646	21	2,059		1,183	18,702	25,020
Bhutan	45		21	25	3			41	918	1,054
India	46,182	7,895	17,777	43,039	7,620	3,299		31,804	72,309	229,924
Maldives			33	112				9	68	221
Nepal	338		353	250	52			122	10,119	11,235
Pakistan	1,987	79	1,602	8,523	275	8,444	133	4,104	11,669	36,814
Sri Lanka		1	638	1,575	151			451	5,397	8,213
Total SAARC Region	49,033	7,975	21,423	55,184	8,122	13,801	133	37,747	119,464	312,882

Final Energy Consumption in SAARC Region for 2002

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Total
Afghanistan	0		58	11				39	289	397
Bangladesh	481		973	1,692	22	2,321		1,288	18,948	25,726
Bhutan	43		22	26	3			41	932	1,067
India	51,764	10,354	18,777	35,355	8,387	3,389		33,233	77,803	239,063
Maldives			42	147				9	68	266
Nepal	157		324	259	60			130	10,391	11,320
Pakistan	2,117	97	1,484	8,302	336	8,885	162	4,276	10,935	36,595
Sri Lanka	1	1	682	1,584	168			477	5,188	8,101
Total SAARC Region	54,562	10,452	22,363	47,376	8,976	14,596	162	39,492	124,554	322,535

Final Energy Consumption in SAARC Region for 2003

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Total
Afghanistan			121	25				43	358	548
Bangladesh	344		1,065	1,667	21	2,771		1,380	13,662	20,909
Bhutan	39		20	24	4			47	946	1,079
India	46,162	9,481	20,030	44,896	9,668	3,051	3,313	30,486	165,376	332,463
Maldives			31	130				11	93	264
Nepal	200		356	246	68			140	3,650	4,660
Pakistan	1,660	67	2,102	8,203	376	9,889	113	4,668	11,494	38,574
Sri Lanka	66	1	799	1,567	172			533	1,240	4,377
Total SAARC Region	48,471	9,549	24,524	56,757	10,311	15,711	3,426	37,308	196,819	402,876

Final Energy Consumption in SAARC Region for 2004

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Total
Afghanistan			105	33				42	369	549
Bangladesh	344		1,044	1,683	17	2,505		1,539	13,759	20,892
Bhutan	34		22	24	4			47	960	1,093
India	46,214	9,513	20,199	46,283	10,629	3,712	3,143	32,615	162,079	334,385
Maldives			43	163				12	122	340
Nepal	177		289	248	83			158	3,674	4,629
Pakistan	3,575	110	2,326	8,886	445	11,471	184	5,180	11,891	44,068
Sri Lanka	65	1	938	1,567	176			573	1,227	4,546
Total SAARC Region	50,409	9,624	24,966	58,886	11,355	17,688	3,327	40,166	194,081	410,501

Final Energy Consumption in SAARC Region for 2005

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Total
Afghanistan	0		100	41				60	380	581
Bangladesh	344		1,051	2,002	13	3,706		1,656	13,895	22,667
Bhutan	39		22	25	4			52	950	1,092
India	55,664	10,058	19,235	41,661	11,173	4,218	3,343	40,074	164,356	349,782
Maldives			34	140				14	111	299
Nepal	282		286	255	95			169	3,686	4,773
Pakistan	3,809	49	2,182	8,175	619	13,090	82	5,710	11,047	44,761
Sri Lanka	65	1	981	1,460	180			613	1,238	4,537
Total SAARC Region	60,203	10,107	23,891	53,759	12,083	21,014	3,425	48,348	195,662	428,492

Final Energy Consumption in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Total
Afghanistan			176	198		0		105	197	676
Bangladesh	344		875	1,873	9	3,410		2,165	13,641	22,316
Bhutan	22		24	42	5			65	974	1,132
India	65,397	10,842	21,591	48,633	11,246	3,532	3,847	44,400	169,663	379,151
Maldives			45	184				17	170	416
Nepal	168		231	278	100			182	3,654	4,614
Pakistan	4,037	27	2,124	7,993	650	15,245	45	6,142	22,709	58,971
Sri Lanka	65	1	865	1,378	182			662	2,752	5,904
Total SAARC Region	70,033	10,870	25,931	60,581	12,192	22,188	3,892	53,736	213,759	473,181

Final Energy Consumption in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Total
Afghanistan			288	110		0		127	266	789
Bangladesh	344		839	2,117	13	4,072		2,298	13,643	23,325
Bhutan	21		22	46	6			84	1,003	1,181
India	71,479	10,562	26,712	55,581	12,375	3,225	3,826	48,817	173,585	406,163
Maldives			43	188				21	170	422
Nepal	226		197	254	103			193	3,663	4,635
Pakistan	5,160	40	2,320	8,694	612	16,470	67	6,200	12,355	51,919
Sri Lanka	47	0	918	1,326	185			699	2,653	5,828
Total SAARC Region	77,276	10,602	31,338	68,316	13,293	23,767	3,894	58,437	207,339	494,262

Final Energy Consumption in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Total
Afghanistan	0		664	269		0		127	271	1,330
Bangladesh	393		810	2,384	43	4,896		2,684	13,672	24,881
Bhutan	29		18	48	6			102	1,026	1,229
India	95,861	8,370	29,521	74,996	11,714	5,640	3,830	53,345	174,109	457,386
Maldives			53	195				24	172	443
Nepal	212		146	396	124			185	3,679	4,742
Pakistan	4,135	104	2,217	7,973	563	16,912	174	5,944	12,852	50,874
Sri Lanka	50	0	918	1,268	186			711	2,582	5,715
Total SAARC Region	100,679	8,474	34,347	87,529	12,635	27,447	4,004	63,121	208,363	546,600

Final Energy Consumption in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Total
Afghanistan			843	497		0		135	276	1,751
Bangladesh	393		785	2,696	43	5,558		2,994	13,721	26,189
Bhutan	15		20	54	7			127	1,039	1,261
India	101,849	9,327	32,170	82,307	14,021	7,291	3,846	57,617	169,767	478,195
Maldives			56	204				25	173	459
Nepal	221		162	512	151			217	3,683	4,946
Pakistan	4,469	37	2,637	7,528	570	17,655	63	6,280	12,012	51,250
Sri Lanka	52		904	1,267	192			713	2,453	5,580
Total SAARC Region	106,998	9,364	37,577	95,066	14,983	30,504	3,909	68,107	203,124	569,631

Final Energy Consumption in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Derived Gases	Electricity	Biomass Energy	Total
Afghanistan			1,211	746		0		203	283	2,443
Bangladesh	393		767	3,054	43	5,006		3,328	13,803	26,393
Bhutan	20		23	72	7			133	1,065	1,320
India	91,183	8,172	32,786	76,547	15,313	2,325	3,447	58,651	175,515	463,938
Maldives			53	222				22	4	300
Nepal	232		177	550	170			232	3,695	5,055
Pakistan	4,209	37	3,004	7,569	497	17,403	62	6,512	12,293	51,585
Sri Lanka	65		1,058	1,393	200			783	2,366	5,866
Total SAARC Region	96,101	8,209	39,078	90,152	16,229	24,734	3,509	69,863	209,025	556,901

Energy Consumption in Iron and Steel Industry in SAARC Region

(Thousand tonnes of oil equivalent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Afghanistan										
Bangladesh										
Bhutan										
India	29,865	32,822	30,550	31,654	34,953	45,404	49,413	36,656	39,320	39,564
Maldives										
Nepal										
Pakistan	212	259	513	624	487	470	518	616	416	389
Sri Lanka	3	4	5	5	4	11	4	4	6	10
Total SAARC Region	30,080	33,085	31,068	32,283	35,444	45,885	49,935	37,276	39,742	39,963

Energy Consumption in Iron and Steel Industry in SAARC Region for 2001

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	20,653	7,635		492			1,084	29,865
Maldives								
Nepal								
Pakistan		79				133		212
Sri Lanka				3				3
Total SAARC Region	20,653	7,715		495		133	1,084	30,080

Energy Consumption in Iron and Steel Industry in SAARC Region for 2002

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	21,043	10,000		720			1,059	32,822
Maldives								
Nepal								
Pakistan		97				162		259
Sri Lanka				4				4
Total SAARC Region	21,043	10,097		724		162	1,059	33,085

Energy Consumption in Iron and Steel Industry in SAARC Region for 2003

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	16,905	9,170	406	756		3,313		30,550
Maldives								
Nepal								
Pakistan		67			332	113		513
Sri Lanka				5				5
Total SAARC Region	16,905	9,238	406	761	332	3,426		31,068

Energy Consumption in Iron and Steel Industry in SAARC Region for 2004

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	18,275	9,303	124	809		3,143		31,654
Maldives								
Nepal								
Pakistan		110			330	184		624
Sri Lanka				5				5
Total SAARC Region	18,275	9,413	124	814	330	3,327		32,283

Energy Consumption in Iron and Steel Industry in SAARC Region for 2005

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	20,825	9,784	57	944		3,343		34,953
Maldives								
Nepal								
Pakistan		49			356	82		487
Sri Lanka				4				4
Total SAARC Region	20,825	9,832	57	948	356	3,425		35,444

Energy Consumption in Iron and Steel Industry in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	29,839	10,630	34	1,054		3,847		45,404
Maldives								
Nepal								
Pakistan		27			398	45		470
Sri Lanka				11				11
Total SAARC Region	29,839	10,657	34	1,065	398	3,892		45,885

Energy Consumption in Iron and Steel Industry in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	34,147	10,331	56	1,054		3,826		49,413
Maldives								
Nepal								
Pakistan		40			410	67		518
Sri Lanka				4				4
Total SAARC Region	34,147	10,371	56	1,058	410	3,894		49,935

Energy Consumption in Iron and Steel Industry in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	22,135	8,146	74	2,471		3,830		36,656
Maldives								
Nepal								
Pakistan		104			339	174		616
Sri Lanka				4				4
Total SAARC Region	22,135	8,250	74	2,475	339	4,004		37,276

Energy Consumption in Iron and Steel Industry in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	23,487	9,092	113	2,782		3,847		39,320
Maldives								
Nepal								
Pakistan		37			316	63		416
Sri Lanka				6				6
Total SAARC Region	23,487	9,129	113	2,787	316	3,909		39,742

Energy Consumption in Iron and Steel Industry in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	Natural Gas	Derived Gases	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	25,092	7,912	125	2,988		3,447		39,564
Maldives								
Nepal								
Pakistan		37			290	62		389
Sri Lanka		0		10				10
Total SAARC Region	25,092	7,949	125	2,998	290	3,509		39,963

Energy Consumption in Chemical Industry in SAARC Region

(Thousand tonnes of oil equivalent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Afghanistan										
Bangladesh										
Bhutan										
India	2,759	6,066	4,573	4,797	1,060	2,162	8,754	6,522	6,676	5,784
Maldives										
Nepal										
Pakistan	0	0	779	784	828					
Sri Lanka	15	58	106	99	129	0	1	0		0
Total SAARC Region	2,774	6,124	5,458	5,680	2,017	2,162	8,755	6,522	6,676	5,784

Energy Consumption in Chemical Industry in SAARC Region for 2001

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	904	0		1,348			507	2,759
Maldives								
Nepal								
Pakistan				0		0		0
Sri Lanka			14	0	0			15
Total SAARC Region	904	0	14	1,348	0	0	507	2,774

Energy Consumption in Chemical Industry in SAARC Region for 2002

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	1,440	0		3,743			883	6,066
Maldives								
Nepal								
Pakistan				0		0		0
Sri Lanka			58	0	0			58
Total SAARC Region	1,440	0	58	3,743	0	0	883	6,124

Energy Consumption in Chemical Industry in SAARC Region for 2003

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	1,181			3,392				4,573
Maldives								
Nepal								
Pakistan						779		779
Sri Lanka			106	0	0			106
Total SAARC Region	1,181		106	3,392	0	779		5,458

Energy Consumption in Chemical Industry in SAARC Region for 2004

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	1,261			3,536				4,797
Maldives								
Nepal								
Pakistan						784		784
Sri Lanka			99	0	0			99
Total SAARC Region	1,261		99	3,536	0	784		5,680

Energy Consumption in Chemical Industry in SAARC Region for 2005

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	703			357				1,060
Maldives								
Nepal								
Pakistan						828		828
Sri Lanka			129	0	0			129
Total SAARC Region	703		129	357	0	828		2,017

Energy Consumption in Chemical Industry in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	479		1,239	435	9			2,162
Maldives								
Nepal								
Pakistan								
Sri Lanka			0	0	0			0
Total SAARC Region	479		1,239	435	9			2,162

Energy Consumption in Chemical Industry in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	475		6,262	2,011	6			8,754
Maldives								
Nepal								
Pakistan								
Sri Lanka			0	1	0			1
Total SAARC Region	475		6,262	2,012	6			8,755

Energy Consumption in Chemical Industry in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	1,916		1,375	3,224	6			6,522
Maldives								
Nepal								
Pakistan								
Sri Lanka			0	0	0			0
Total SAARC Region	1,916		1,375	3,224	6			6,522

Energy Consumption in Chemical Industry in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	1,523		1,548	3,596	9			6,676
Maldives								
Nepal								
Pakistan								
Sri Lanka								
Total SAARC Region	1,523		1,548	3,596	9			6,676

Energy Consumption in Chemical Industry in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Total
Afghanistan								
Bangladesh								
Bhutan								
India	315		1,335	4,124	11			5,784
Maldives								
Nepal								
Pakistan								
Sri Lanka			0	0	0			0
Total SAARC Region	315		1,335	4,124	11			5,784

Energy Consumption in Other Industry and Construction in SAARC Region

(Thousand tonnes of oil equivalent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Afghanistan	16	19	24	23	24	28	28	28	28	45
Bangladesh	2,469	2,698	2,825	2,433	3,003	3,441	3,948	4,585	5,037	4,230
Bhutan	74	72	69	66	73	64	78	103	108	132
India	62,893	66,594	100,426	95,342	105,693	103,614	106,266	161,957	170,497	152,047
Maldives										
Nepal	607	464	478	462	560	476	517	504	520	540
Pakistan	10,738	11,523	11,196	14,500	15,203	20,144	19,064	18,035	17,873	17,425
Sri Lanka	2,063	2,056	1,243	1,334	1,420	1,492	1,428	1,345	1,158	1,208
Total SAARC Region	78,862	83,426	116,261	114,160	125,977	129,260	131,329	186,557	195,222	175,627

Energy Consumption in Other Industry and Construction in SAARC Region for 2001

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan							16		16
Bangladesh	481	55	156			1,173	508	96	2,469
Bhutan	45						29		74
India	23,385		5,793	6,116	1,137	2,727	11,977	11,757	62,893
Maldives									
Nepal	337	14	17				50	189	607
Pakistan	1,986	0	1,529			4,417	1,212	1,595	10,738
Sri Lanka	1	0	323				154	1,586	2,063
Total SAARC Region	26,235	69	7,818	6,116	1,137	8,317	13,947	15,223	78,862

Energy Consumption in Other Industry and Construction in SAARC Region for 2002

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan							19		19
Bangladesh	481	62	158			1,310	552	135	2,698
Bhutan	43						29		72
India	28,258		4,679	6,969	149	2,691	12,317	11,532	66,594
Maldives									
Nepal	156	13	16				53	226	464
Pakistan	2,117	0	1,487			4,671	1,279	1,969	11,523
Sri Lanka	1	0	317				169	1,568	2,056
Total SAARC Region	31,056	75	6,657	6,969	149	8,672	14,417	15,430	83,426

Energy Consumption in Other Industry and Construction in SAARC Region for 2003

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan		3					21		24
Bangladesh	344	69	166			1,557	591	98	2,825
Bhutan	39						31		69
India	27,318	1,373	12,969	6,308	153	2,837	10,522	38,945	100,426
Maldives									
Nepal	199	14	11				57	196	478
Pakistan	1,660	13	1,380			4,290	1,467	2,385	11,196
Sri Lanka	67	3	271				191	712	1,243
Total SAARC Region	29,626	1,476	14,797	6,308	153	8,685	12,880	42,336	116,261

Energy Consumption in Other Industry and Construction in SAARC Region for 2004

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan		3					20		23
Bangladesh	344	66	171			1,126	652	74	2,433
Bhutan	34						32		66
India	26,007	1,100	13,380	4,898	78	3,267	11,621	34,992	95,342
Maldives									
Nepal	176	11	5				65	205	462
Pakistan	3,575	20	1,488			5,215	1,570	2,632	14,500
Sri Lanka	66	4	270				201	792	1,334
Total SAARC Region	30,202	1,204	15,314	4,898	78	9,608	14,161	38,695	114,160

Energy Consumption in Other Industry and Construction in SAARC Region for 2005

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan		3					21		24
Bangladesh	344	39	188			1,666	695	71	3,003
Bhutan	39						34		73
India	33,525	758	10,436	3,628	0	3,461	18,086	35,800	105,693
Maldives									
Nepal	281	11	5				69	194	560
Pakistan	3,809	85	1,562			6,406	1,673	1,670	15,203
Sri Lanka	66	5	302				207	841	1,420
Total SAARC Region	38,063	902	12,493	3,628	0	11,533	20,784	38,575	125,977

Energy Consumption in Other Industry and Construction in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan		3					25		28
Bangladesh	344	40	195			1,623	1,153	86	3,441
Bhutan	22						42		64
India	34,503	1,190	4,757		25	2,934	20,374	39,832	103,614
Maldives									
Nepal	168	7	5	24			72	201	476
Pakistan	4,036	85	1,480			8,214	1,779	4,549	20,144
Sri Lanka	66	5	267				220	934	1,492
Total SAARC Region	39,138	1,330	6,705	24	25	12,772	23,665	45,602	129,260

Energy Consumption in Other Industry and Construction in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan		3					25		28
Bangladesh	344	38	208			1,982	1,275	100	3,948
Bhutan	21						57		78
India	36,331	531	1,961		92	3,043	22,417	41,891	106,266
Maldives									
Nepal	225	5	5	3			76	203	517
Pakistan	5,159	88	961			8,538	1,751	2,566	19,064
Sri Lanka	47	4	260				222	895	1,428
Total SAARC Region	42,126	670	3,395	3	92	13,564	25,824	45,655	131,329

Energy Consumption in Other Industry and Construction in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan		3					25		28
Bangladesh	393	36	221			2,359	1,512	65	4,585
Bhutan	29						73		103
India	71,329	1,910	17,813		92	5,411	24,497	40,905	161,957
Maldives									
Nepal	211	2	5	11			71	203	504
Pakistan	4,134	53	894			8,374	1,633	2,948	18,035
Sri Lanka	50	24	211				226	834	1,345
Total SAARC Region	76,145	2,029	19,144	11	92	16,143	28,038	44,955	186,557

Energy Consumption in Other Industry and Construction in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan		3					25		28
Bangladesh	393	33	234			2,669	1,661	47	5,037
Bhutan	15						94		108
India	76,405	2,788	19,798		1,047	7,115	27,557	35,786	170,497
Maldives									
Nepal	221	2	7	11			81	199	520
Pakistan	4,469	47	905			8,716	1,674	2,061	17,873
Sri Lanka	52	19	204				213	671	1,158
Total SAARC Region	81,554	2,893	21,147	11	1,047	18,500	31,305	38,765	195,222

Energy Consumption in Other Industry and Construction in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	Other Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan		3					42		45
Bangladesh	393	31	246			1,656	1,848	56	4,230
Bhutan	20						112		132
India	64,541	2,739	18,250		1,098	2,124	23,024	40,271	152,047
Maldives									
Nepal	231	2	8	12			88	199	540
Pakistan	4,209	47	1,255			7,849	1,791	2,274	17,425
Sri Lanka	65	23	205				242	672	1,208
Total SAARC Region	69,458	2,846	19,964	12	1,098	11,629	27,148	43,473	175,627

Energy Consumption in Road Transport in SAARC Region

(Thousand tonnes of oil equivalent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Afghanistan	35	23	102	70	80	286	323	845	1,148	1,871
Bangladesh	861	869	900	875	1,012	1,251	1,458	1,807	2,092	2,380
Bhutan	8	8	7	8	8	12	13	14	15	18
India	37,864	27,940	27,937	29,237	28,198	31,186	34,090	39,494	42,396	38,927
Maldives	22	27	12	19	20	24	29	28	29	31
Nepal	223	235	233	238	249	265	272	399	520	568
Pakistan	7,546	7,391	7,870	8,797	8,248	8,681	10,573	10,545	10,664	11,034
Sri Lanka	1,449	1,497	1,590	1,688	1,514	1,467	1,356	1,362	1,396	1,611
Total SAARC Region	48,009	37,990	38,652	40,932	39,329	43,172	48,114	54,493	58,261	56,440

Energy Consumption in Road Transport in SAARC Region for 2001

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Total
Afghanistan	19	16			35
Bangladesh	273	587			861
Bhutan	8				8
India	7,351	30,513			37,864
Maldives	22				22
Nepal	46	175	1		223
Pakistan	1,120	6,426			7,546
Sri Lanka	258	1,191			1,449
Total SAARC Region	9,098	38,910	1		48,009

Energy Consumption in Road Transport in SAARC Region for 2002

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Total
Afghanistan	12	11			23
Bangladesh	265	604			869
Bhutan	8				8
India	7,967	19,973			27,940
Maldives	27				27
Nepal	50	183	2		235
Pakistan	1,089	6,301			7,391
Sri Lanka	295	1,202			1,497
Total SAARC Region	9,713	28,275	2		37,990

Energy Consumption in Road Transport in SAARC Region for 2003

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Total
Afghanistan	77	25			102
Bangladesh	308	591			900
Bhutan	7				7
India	8,002	19,935			27,937
Maldives	12				12
Nepal	53	178	2		233
Pakistan	1,107	6,399		365	7,870
Sri Lanka	349	1,241			1,590
Total SAARC Region	9,915	28,370	2	365	38,652

Energy Consumption in Road Transport in SAARC Region for 2004

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Total
Afghanistan	37	33			70
Bangladesh	280	595			875
Bhutan	8				8
India	8,510	20,727			29,237
Maldives	19				19
Nepal	56	180	2		238
Pakistan	1,361	6,874		562	8,797
Sri Lanka	463	1,224			1,688
Total SAARC Region	10,734	29,633	2	562	40,932

Energy Consumption in Road Transport in SAARC Region for 2005

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Total
Afghanistan	39	41			80
Bangladesh	298	714			1,012
Bhutan	8				8
India	8,920	19,278			28,198
Maldives	20				20
Nepal	58	188	3		249
Pakistan	1,185	6,169		894	8,248
Sri Lanka	467	1,047			1,514
Total SAARC Region	10,995	27,437	3	894	39,329

Energy Consumption in Road Transport in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Total
Afghanistan	88	198			286
Bangladesh	318	762		172	1,251
Bhutan	12				12
India	9,639	21,547			31,186
Maldives	24				24
Nepal	74	187	3		265
Pakistan	1,155	6,157		1,370	8,681
Sri Lanka	463	1,004			1,467
Total SAARC Region	11,772	29,856	3	1,541	43,172

Energy Consumption in Road Transport in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Total
Afghanistan	214	110			323
Bangladesh	338	813		307	1,458
Bhutan	13				13
India	10,559	23,531			34,090
Maldives	29				29
Nepal	73	195	3		272
Pakistan	1,478	7,348		1,748	10,573
Sri Lanka	394	962			1,356
Total SAARC Region	13,098	32,959	3	2,054	48,114

Energy Consumption in Road Transport in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Total
Afghanistan	576	269			845
Bangladesh	359	864		584	1,807
Bhutan	14				14
India	11,335	28,158			39,494
Maldives	28				28
Nepal	91	304	4		399
Pakistan	1,548	6,856		2,141	10,545
Sri Lanka	396	966			1,362
Total SAARC Region	14,346	37,418	4	2,725	54,493

Energy Consumption in Road Transport in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Total
Afghanistan	652	497			1,148
Bangladesh	380	918		794	2,092
Bhutan	15				15
India	13,221	29,176			42,396
Maldives	29				29
Nepal	119	396	5		520
Pakistan	1,952	6,310		2,402	10,664
Sri Lanka	429	967			1,396
Total SAARC Region	16,797	38,263	5	3,196	58,261

Energy Consumption in Road Transport in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Total
Afghanistan	1,125	746			1,871
Bangladesh	402	971		1,006	2,380
Bhutan	18				18
India	14,704	24,223			38,927
Maldives	31				31
Nepal	137	425	6		568
Pakistan	2,270	6,020		2,743	11,034
Sri Lanka	499	1,112			1,611
Total SAARC Region	19,188	33,496	6	3,750	56,440

Energy Consumption in Rail Transport in SAARC Region

(Thousand tonnes of oil equivalent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Afghanistan										
Bangladesh	141	145	142	143	171	164	182	204	230	260
Bhutan										
India	2,306	2,421	2,414	2,425	2,711	2,766	1,290	3,213	3,788	3,303
Maldives										
Nepal	1	1	1	1	1	1	1	0	0	0
Pakistan	146	145	141	290	267	161	158	7	133	102
Sri Lanka	28	30	28	26	25	26	26	25	31	26
Total SAARC Region	2,621	2,741	2,725	2,884	3,174	3,117	1,657	3,450	4,183	3,692

Energy Consumption in Rail Transport in SAARC Region for 2001

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Total
Afghanistan			
Bangladesh	141		141
Bhutan			
India	1,596	710	2,306
Maldives			
Nepal		1	1
Pakistan	145	1	146
Sri Lanka	28		28
Total SAARC Region	1,910	712	2,621

Energy Consumption in Rail Transport in SAARC Region for 2002

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Total
Afghanistan			
Bangladesh	145		145
Bhutan			
India	1,678	743	2,421
Maldives			
Nepal		1	1
Pakistan	144	1	145
Sri Lanka	30		30
Total SAARC Region	1,997	745	2,741

Energy Consumption in Rail Transport in SAARC Region for 2003

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Total
Afghanistan			
Bangladesh	142		142
Bhutan			
India	1,636	778	2,414
Maldives			
Nepal		1	1
Pakistan	141	1	141
Sri Lanka	28		28
Total SAARC Region	1,946	779	2,725

Energy Consumption in Rail Transport in SAARC Region for 2004

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Total
Afghanistan			
Bangladesh	143		143
Bhutan			
India	1,623	802	2,425
Maldives			
Nepal		1	1
Pakistan	289	1	290
Sri Lanka	26		26
Total SAARC Region	2,081	804	2,884

Energy Consumption in Rail Transport in SAARC Region for 2005

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Total
Afghanistan			
Bangladesh	171		171
Bhutan			
India	1,871	840	2,711
Maldives			
Nepal		1	1
Pakistan	266	1	267
Sri Lanka	25		25
Total SAARC Region	2,333	842	3,174

Energy Consumption in Rail Transport in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Total
Afghanistan			
Bangladesh	164		164
Bhutan			
India	1,854	912	2,766
Maldives			
Nepal		1	1
Pakistan	160	1	161
Sri Lanka	26		26
Total SAARC Region	2,203	914	3,117

Energy Consumption in Rail Transport in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Total
Afghanistan			
Bangladesh	182		182
Bhutan			
India	352	938	1,290
Maldives			
Nepal		1	1
Pakistan	157	1	158
Sri Lanka	26		26
Total SAARC Region	718	939	1,657

Energy Consumption in Rail Transport in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Total
Afghanistan			
Bangladesh	204		204
Bhutan			
India	2,188	1,025	3,213
Maldives			
Nepal		0	0
Pakistan	6	0	7
Sri Lanka	25		25
Total SAARC Region	2,424	1,026	3,450

Energy Consumption in Rail Transport in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Total
Afghanistan			
Bangladesh	230		230
Bhutan			
India	2,740	1,048	3,788
Maldives			
Nepal		0	0
Pakistan	133	0	133
Sri Lanka	31		31
Total SAARC Region	3,134	1,049	4,183

Energy Consumption in Rail Transport in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Electricity	Total
Afghanistan			
Bangladesh	260		260
Bhutan			
India	2,120	1,183	3,303
Maldives			
Nepal		0	0
Pakistan	102	0	102
Sri Lanka	26		26
Total SAARC Region	2,509	1,183	3,692

Energy Consumption in Other Modes of Transportation in SAARC Region

(Thousand tonnes of oil equivalent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Afghanistan	51	46	41	63	56	56	58	63	94	32
Bangladesh	193	199	195	196	235	222	247	277	312	352
Bhutan	26	27	25	25	26	42	46	48	54	72
India	533	370	524	479	731	888	429	2,543	1,889	2,734
Maldives	30	33	40	49	40	52	40	73	79	64
Nepal										
Pakistan	1	0	659	730	729	726	584	460	487	524
Sri Lanka	143	119	141	172	193	222	402	407	366	416
Total SAARC Region	978	794	1,624	1,715	2,009	2,208	1,805	3,870	3,281	4,194

Energy Consumption in Other Modes of Transportation in SAARC Region for 2001

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Total
Afghanistan	51			51
Bangladesh		193		193
Bhutan	1	25		26
India		533		533
Maldives	30			30
Nepal				
Pakistan	1			1
Sri Lanka	140	3		143
Total SAARC Region	223	755		978

Energy Consumption in Other Modes of Transportation in SAARC Region for 2002

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Total
Afghanistan	46			46
Bangladesh		199		199
Bhutan	1	26		27
India		370		370
Maldives	33			33
Nepal				
Pakistan	0			0
Sri Lanka	116	3		119
Total SAARC Region	196	598		794

Energy Consumption in Other Modes of Transportation in SAARC Region for 2003

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Total
Afghanistan	41			41
Bangladesh		195		195
Bhutan	1	24		25
India		524		524
Maldives	40			40
Nepal				
Pakistan	659			659
Sri Lanka	140	1		141
Total SAARC Region	880	744		1,624

Energy Consumption in Other Modes of Transportation in SAARC Region for 2004

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Total
Afghanistan	63			63
Bangladesh		196		196
Bhutan	1	24		25
India		479		479
Maldives	49			49
Nepal				
Pakistan	730			730
Sri Lanka	172	0		172
Total SAARC Region	1,015	700		1,715

Energy Consumption in Other Modes of Transportation in SAARC Region for 2005

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Total
Afghanistan	56			56
Bangladesh		235		235
Bhutan	1	25		26
India		731		731
Maldives	40			40
Nepal				
Pakistan	729			729
Sri Lanka	173	20		193
Total SAARC Region	998	1,010		2,009

Energy Consumption in Other Modes of Transportation in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Total
Afghanistan	56			56
Bangladesh		222		222
Bhutan		42		42
India		888	0	888
Maldives	52			52
Nepal				
Pakistan	726			726
Sri Lanka	189	34		222
Total SAARC Region	1,022	1,186	0	2,208

Energy Consumption in Other Modes of Transportation in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Total
Afghanistan	58			58
Bangladesh		247		247
Bhutan		46		46
India		429	0	429
Maldives	40			40
Nepal				
Pakistan	584			584
Sri Lanka	366	36		402
Total SAARC Region	1,047	758	0	1,805

Energy Consumption in Other Modes of Transportation in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Total
Afghanistan	63			63
Bangladesh		277		277
Bhutan		48		48
India		2,543		2,543
Maldives	73			73
Nepal				
Pakistan	460			460
Sri Lanka	366	41		407
Total SAARC Region	962	2,909		3,870

Energy Consumption in Other Modes of Transportation in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Total
Afghanistan	94			94
Bangladesh		312		312
Bhutan		54		54
India		1,648	240	1,889
Maldives	79			79
Nepal				
Pakistan	487			487
Sri Lanka	321	45		366
Total SAARC Region	981	2,059	240	3,281

Energy Consumption in Other Modes of Transportation in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Total
Afghanistan	32			32
Bangladesh		352		352
Bhutan		72		72
India		2,117	618	2,734
Maldives	64			64
Nepal				
Pakistan	524			524
Sri Lanka	390	26		416
Total SAARC Region	1,010	2,566	618	4,194

Energy Consumption in Household Sector in SAARC Region

(Thousand tonnes of oil equivalent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Afghanistan	299	310	370	382	395	251	304	318	396	451
Bangladesh	20,323	20,742	15,774	16,087	16,868	16,118	16,218	16,499	16,744	17,093
Bhutan	942	957	974	989	981	997	1,024	1,044	1,057	1,088
India	83,606	90,467	145,679	148,592	150,892	153,417	156,427	158,260	159,326	163,766
Maldives	76	79	106	139	122	186	186	189	190	19
Nepal	10,170	10,365	3,724	3,701	3,728	3,653	3,635	3,600	3,630	3,653
Pakistan	16,057	15,039	15,258	16,076	16,447	26,020	18,107	18,274	18,599	19,048
Sri Lanka	4,169	3,985	1,022	943	930	2,371	2,268	2,248	2,303	2,278
Total SAARC Region	135,642	141,944	182,908	186,909	190,362	203,012	198,168	200,432	202,245	207,396

Energy Consumption in Household Sector in SAARC Region for 2001

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan			0			17	282	299
Bangladesh			600	21	772	523	18,408	20,323
Bhutan			12	3		12	915	942
India		259	10,426	6,483	438	6,578	59,420	83,606
Maldives			1			7	68	76
Nepal	1		256	30		50	9,832	10,170
Pakistan	1		434	206	3,419	1,923	10,075	16,057
Sri Lanka			226	106		152	3,686	4,169
Total SAARC Region	2	259	11,956	6,850	4,629	9,262	102,684	135,642

Energy Consumption in Household Sector in SAARC Region for 2002

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan			0			20	290	310
Bangladesh			646	22	890	572	18,612	20,742
Bhutan			13	3		12	928	957
India	585	354	9,493	8,014	591	7,041	64,388	90,467
Maldives			4			8	68	79
Nepal	1		224	31		53	10,056	10,365
Pakistan	1		331	282	3,499	1,960	8,966	15,039
Sri Lanka			214	118		154	3,500	3,985
Total SAARC Region	587	354	10,925	8,471	4,980	9,820	106,808	141,944

Energy Consumption in Household Sector in SAARC Region for 2003

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan			0			11	358	370
Bangladesh			687	21	1,085	613	13,367	15,774
Bhutan			12	4		16	942	974
India	207	311	9,180	9,516	85	7,579	118,800	145,679
Maldives			5			8	93	106
Nepal	1		247	35		57	3,384	3,724
Pakistan	1		287	300	3,567	1,995	9,109	15,258
Sri Lanka			202	121		171	528	1,022
Total SAARC Region	209	311	10,620	9,997	4,737	10,452	146,581	182,908

Energy Consumption in Household Sector in SAARC Region for 2004

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan			2			11	369	382
Bangladesh			698	17	1,192	693	13,486	16,087
Bhutan			13	4		16	956	989
India	184	210	9,522	10,143	314	8,080	120,139	148,592
Maldives			8			9	122	139
Nepal	1		190	44		65	3,402	3,701
Pakistan	0		196	334	3,956	2,331	9,259	16,076
Sri Lanka			199	123		186	435	943
Total SAARC Region	185	210	10,828	10,665	5,462	11,392	148,167	186,909

Energy Consumption in Household Sector in SAARC Region for 2005

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan			2			13	380	395
Bangladesh			714	13	1,764	755	13,622	16,868
Bhutan			13	4		18	946	981
India	166	274	9,393	10,493	619	8,454	121,492	150,892
Maldives			1			11	111	122
Nepal	1		185	48		69	3,424	3,728
Pakistan	0		131	411	3,933	2,595	9,377	16,447
Sri Lanka			206	121		206	397	930
Total SAARC Region	167	274	10,644	11,091	6,316	12,120	149,749	190,362

Energy Consumption in Household Sector in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan			29			25	197	251
Bangladesh			517	9	1,462	787	13,344	16,118
Bhutan			12	5		10	970	997
India	148	213	9,328	11,142	442	9,376	122,768	153,417
Maldives			4			12	170	186
Nepal	1		133	59		78	3,383	3,653
Pakistan	1		108	433	4,502	2,816	18,160	26,020
Sri Lanka			209	123		221	1,818	2,371
Total SAARC Region	149	213	10,339	11,771	6,406	13,323	160,810	203,012

Energy Consumption in Household Sector in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan			13			25	266	304
Bangladesh			462	13	1,618	795	13,330	16,218
Bhutan			8	6		11	999	1,024
India	238	231	9,287	11,939	36	10,213	124,482	156,427
Maldives			1			14	170	186
Nepal	1		104	59		81	3,390	3,635
Pakistan	1		123	397	4,951	2,847	9,789	18,107
Sri Lanka			153	123		234	1,758	2,268
Total SAARC Region	239	231	10,152	12,536	6,605	14,221	154,183	198,168

Energy Consumption in Household Sector in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan			22			25	271	318
Bangladesh			415	43	1,766	883	13,392	16,499
Bhutan			4	6		12	1,022	1,044
India	215	224	9,255	11,366	92	11,161	125,948	158,260
Maldives			1			17	172	189
Nepal	1		47	69		80	3,403	3,600
Pakistan	1		99	348	5,196	2,727	9,905	18,274
Sri Lanka			131	132		236	1,748	2,248
Total SAARC Region	216	224	9,973	11,965	7,053	15,140	155,860	200,432

Energy Consumption in Household Sector in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan			94			25	276	396
Bangladesh			372	43	1,888	985	13,456	16,744
Bhutan			4	7		12	1,034	1,057
India	371	235	9,255	12,143	24	10,649	126,648	159,326
Maldives			1			16	173	190
Nepal	1		36	84		97	3,411	3,630
Pakistan			91	338	5,324	2,895	9,951	18,599
Sri Lanka			133	141		247	1,781	2,303
Total SAARC Region	372	235	9,987	12,756	7,236	14,928	156,731	202,245

Energy Consumption in Household Sector in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Briquettes and Cokes	Light Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan			51			117	283	451
Bangladesh			333	43	2,116	1,074	13,527	17,093
Bhutan			5	7		13	1,063	1,088
India	552	261	8,923	12,854	27	14,302	126,847	163,766
Maldives			0			14	4	19
Nepal	1		32	95		103	3,422	3,653
Pakistan	0		87	276	5,636	3,031	10,019	19,048
Sri Lanka			145	170		269	1,694	2,278
Total SAARC Region	553	261	9,576	13,445	7,779	18,923	156,859	207,396

Energy Consumption in Agriculture Sector in SAARC Region

(Thousand tonnes of oil equivalent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Afghanistan			1	1	3	5	8	8	8	8
Bangladesh	617	639	629	690	841	598	735	926	1,129	1,357
Bhutan										
India	7,836	7,648	10,002	10,260	7,765	16,423	17,934	20,383	22,172	24,810
Maldives										
Nepal	60	63	60	67	67	66	55	80	103	110
Pakistan	668	696	757	731	753	788	824	812	876	798
Sri Lanka	8	8	8	10	9	8	7	5	4	3
Total SAARC Region	9,190	9,053	11,457	11,759	9,438	17,888	19,563	22,215	24,293	27,087

Energy Consumption in Agriculture Sector in SAARC Region for 2001

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Total
Afghanistan				
Bangladesh	568	16	33	617
Bhutan				
India	314	133	7,390	7,836
Maldives				
Nepal	58		3	60
Pakistan	252		416	668
Sri Lanka	8			8
Total SAARC Region	1,200	149	7,842	9,190

Energy Consumption in Agriculture Sector in SAARC Region for 2002

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Total
Afghanistan				
Bangladesh	586	18	35	639
Bhutan				
India	404	108	7,136	7,648
Maldives				
Nepal	60		3	63
Pakistan	222		474	696
Sri Lanka	8			8
Total SAARC Region	1,281	125	7,648	9,053

Energy Consumption in Agriculture Sector in SAARC Region for 2003

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Total
Afghanistan			1	1
Bangladesh	573	18	38	629
Bhutan				
India	2,518	128	7,356	10,002
Maldives				
Nepal	57		3	60
Pakistan	193		563	757
Sri Lanka	8			8
Total SAARC Region	3,349	146	7,961	11,457

Energy Consumption in Agriculture Sector in SAARC Region for 2004

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Total
Afghanistan			1	1
Bangladesh	578	70	42	690
Bhutan				
India	2,650	130	7,480	10,260
Maldives				
Nepal	63		4	67
Pakistan	141		590	731
Sri Lanka	10			10
Total SAARC Region	3,442	200	8,117	11,759

Energy Consumption in Agriculture Sector in SAARC Region for 2005

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Total
Afghanistan			3	3
Bangladesh	694	103	44	841
Bhutan				
India	0	138	7,626	7,765
Maldives				
Nepal	62		5	67
Pakistan	82		671	753
Sri Lanka	9			9
Total SAARC Region	846	241	8,350	9,438

Energy Consumption in Agriculture Sector in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Total
Afghanistan			5	5
Bangladesh	530	19	48	598
Bhutan				
India	7,904	156	8,364	16,423
Maldives				
Nepal	62		4	66
Pakistan	97		691	788
Sri Lanka	8			8
Total SAARC Region	8,601	175	9,112	17,888

Energy Consumption in Agriculture Sector in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Total
Afghanistan			8	8
Bangladesh	667	19	49	735
Bhutan				
India	8,987	146	8,800	17,934
Maldives				
Nepal	51		4	55
Pakistan	109		716	824
Sri Lanka	7			7
Total SAARC Region	9,821	166	9,576	19,563

Energy Consumption in Agriculture Sector in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Total
Afghanistan			8	8
Bangladesh	818	18	91	926
Bhutan				
India	10,629	137	9,616	20,383
Maldives				
Nepal	76		4	80
Pakistan	70		743	812
Sri Lanka	5			5
Total SAARC Region	11,597	155	10,462	22,215

Energy Consumption in Agriculture Sector in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Total
Afghanistan			8	8
Bangladesh	1,002	17	110	1,129
Bhutan				
India	11,868	151	10,153	22,172
Maldives				
Nepal	99		5	103
Pakistan	58		818	876
Sri Lanka	4			4
Total SAARC Region	13,031	168	11,095	24,293

Energy Consumption in Agriculture Sector in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Heavy Petroleum Products	Natural Gas	Electricity	Total
Afghanistan			8	8
Bangladesh	1,224	20	112	1,357
Bhutan				
India	13,490	174	11,146	24,810
Maldives				
Nepal	106		5	110
Pakistan	40		758	798
Sri Lanka	3			3
Total SAARC Region	14,863	194	12,030	27,087

Energy Consumption by Other Consumers in SAARC Region

(Thousand tonnes of oil equivalent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Afghanistan			10	10	24	49	68	68	76	35
Bangladesh	416	433	445	468	537	522	537	582	646	721
Bhutan	4	4	4	4	4	17	20	21	25	10
India	6,436	9,246	16,665	16,496	21,409	23,292	31,561	28,360	32,130	33,004
Maldives	2	2	3	3	4	5	6	7	9	8
Nepal	174	194	164	160	168	153	156	159	172	184
Pakistan	1,337	1,363	1,400	1,536	1,799	1,982	2,091	2,124	2,202	2,264
Sri Lanka	334	344	235	270	312	307	336	319	316	314
Total SAARC Region	8,703	11,584	18,926	18,947	24,257	26,327	34,774	31,640	35,576	36,540

Energy Consumption by Other Consumers in SAARC Region for 2001

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan								
Bangladesh					98	119	199	416
Bhutan							4	4
India	1,236	0	511	0		3,557	1,131	6,436
Maldives						2		2
Nepal		35		21		19	98	174
Pakistan	0	47	170	68	500	552		1,337
Sri Lanka			19	45		145	125	334
Total SAARC Region	1,236	82	700	135	599	4,394	1,557	8,703

Energy Consumption by Other Consumers in SAARC Region for 2002

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan								
Bangladesh					103	129	201	433
Bhutan							4	4
India	434	1,318	1,333	224		4,054	1,882	9,246
Maldives						2		2
Nepal		37		27		20	109	194
Pakistan	0	63	147	53	537	562	0	1,363
Sri Lanka			20	50		153	120	344
Total SAARC Region	434	1,419	1,500	355	640	4,921	2,316	11,584

Energy Consumption by Other Consumers in SAARC Region for 2003

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan						10		10
Bangladesh					110	138	197	445
Bhutan							4	4
India	548	1,069	3,166	0		4,251	7,631	16,665
Maldives						3		3
Nepal		42		31		21	71	164
Pakistan	0	37	89	76	556	642		1,400
Sri Lanka			13	51		171		235
Total SAARC Region	548	1,148	3,268	158	667	5,236	7,902	18,926

Energy Consumption by Other Consumers in SAARC Region for 2004

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan						10		10
Bangladesh					117	152	199	468
Bhutan							4	4
India	487	943	3,079	408		4,632	6,948	16,496
Maldives						3		3
Nepal		32		37		23	67	160
Pakistan	0	19	95	110	625	687		1,536
Sri Lanka			31	53		185		270
Total SAARC Region	487	994	3,204	609	742	5,692	7,219	18,947

Energy Consumption by Other Consumers in SAARC Region for 2005

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan						24		24
Bangladesh					173	162	202	537
Bhutan							4	4
India	446	107	8,044	680		5,068	7,064	21,409
Maldives						4		4
Nepal		31		44		25	68	168
Pakistan	0	52	97	207	673	770		1,799
Sri Lanka			54	59		200		312
Total SAARC Region	446	191	8,194	989	846	6,253	7,338	24,257

Energy Consumption by Other Consumers in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan						49		49
Bangladesh					134	177	211	522
Bhutan						13	4	17
India	428	161	10,195	71		5,375	7,063	23,292
Maldives						5		5
Nepal		17		38		28	70	153
Pakistan		50	99	217	761	855		1,982
Sri Lanka			28	59		220		307
Total SAARC Region	428	228	10,322	384	895	6,721	7,347	26,327

Energy Consumption by Other Consumers in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan						68		68
Bangladesh					145	179	213	537
Bhutan						15	4	20
India	289	17	17,255	338		6,448	7,212	31,561
Maldives						6		6
Nepal		14		41		31	70	156
Pakistan		48	119	215	823	886		2,091
Sri Lanka		1	30	62		243		336
Total SAARC Region	289	81	17,404	656	968	7,876	7,500	34,774

Energy Consumption by Other Consumers in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan						68		68
Bangladesh					169	198	215	582
Bhutan						17	4	21
India	267	5,572	7,970	249		7,047	7,256	28,360
Maldives						7		7
Nepal		7		50		29	72	159
Pakistan		58	147	215	862	841		2,124
Sri Lanka		1	16	53		248		319
Total SAARC Region	267	5,638	8,133	568	1,031	8,455	7,548	31,640

Energy Consumption by Other Consumers in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan						76		76
Bangladesh					191	237	217	646
Bhutan						20	5	25
India	62	5,245	10,699	581		8,209	7,333	32,130
Maldives						9		9
Nepal		5		61		33	73	172
Pakistan		59	122	232	897	892		2,202
Sri Lanka		1	11	51		253		316
Total SAARC Region	62	5,311	10,832	925	1,088	9,731	7,629	35,576

Energy Consumption by Other Consumers in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Light Petroleum Products	Heavy Petroleum Products	LPG and Refinery Gas	Natural Gas	Electricity	Biomass Energy	Total
Afghanistan						35		35
Bangladesh					208	293	220	721
Bhutan						8	2	10
India	684	4,959	9,235	732		8,996	8,398	33,004
Maldives						8		8
Nepal		5		68		36	74	184
Pakistan		76	151	221	885	932		2,264
Sri Lanka		1	12	30		271		314
Total SAARC Region	684	5,041	9,398	1,051	1,093	10,580	8,693	36,540

Energy Consumption for Thermal Power Generation in SAARC Region

(Thousand tonnes of oil equivalent)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Afghanistan	65	70	84	94	93	72	82	75	44	44
Bangladesh	4,682	5,048	5,070	6,070	5,639	7,517	7,835	8,659	9,626	10,976
Bhutan			0	1	0	0	1	0	0	0
India	207,424	208,845	187,848	199,811	201,374	207,619	225,129	232,909	252,286	240,257
Maldives	31	34	35	40	47	54	63	71	75	64
Nepal	4	1	1	4	3	4	3	3	4	1
Pakistan	11,924	12,268	12,098	13,585	13,991	15,613	15,796	15,561	16,032	14,717
Sri Lanka	820	923	791	998	984	912	1,209	1,205	1,323	1,045
Total SAARC Region	224,950	227,188	205,926	220,602	222,130	231,790	250,116	258,483	279,390	267,106

Energy Consumed for Thermal Power Generation in SAARC Region for 2001

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	Biomass Energy	Total
Afghanistan	18	16	32		65
Bangladesh		436	4,246		4,682
Bhutan					
India	187,644	9,057	10,697	26	207,424
Maldives		31			31
Nepal		4			4
Pakistan	142	6,177	5,605		11,924
Sri Lanka		820			820
Total SAARC Region	187,803	16,541	20,580	26	224,950

Energy Consumed for Thermal Power Generation in SAARC Region for 2002

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	Biomass Energy	Total
Afghanistan	14	49	7		70
Bangladesh		444	4,603		5,048
Bhutan					
India	189,815	6,958	12,045	26	208,845
Maldives		34			34
Nepal		1			1
Pakistan	171	5,855	6,242		12,268
Sri Lanka		923			923
Total SAARC Region	190,001	14,265	22,897	26	227,188

Energy Consumed for Thermal Power Generation in SAARC Region for 2003

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	Biomass Energy	Total
Afghanistan	41	37	6		84
Bangladesh		454	4,616		5,070
Bhutan		0			0
India	164,837	8,506	13,450	1,055	187,848
Maldives		35			35
Nepal		1			1
Pakistan	109	2,693	9,296		12,098
Sri Lanka		791			791
Total SAARC Region	164,988	12,517	27,367	1,055	205,926

Energy Consumed for Thermal Power Generation in SAARC Region for 2004

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	Biomass Energy	Total
Afghanistan	41	50	3		94
Bangladesh		464	5,606		6,070
Bhutan		1			1
India	179,355	8,312	11,077	1,067	199,811
Maldives		40			40
Nepal		4			4
Pakistan	100	3,361	10,123		13,585
Sri Lanka		998			998
Total SAARC Region	179,497	13,229	26,809	1,067	220,602

Energy Consumed for Thermal Power Generation in SAARC Region for 2005

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	Biomass Energy	Total
Afghanistan	41	50	2		93
Bangladesh		527	5,111		5,639
Bhutan		0			0
India	185,578	3,841	10,875	1,080	201,374
Maldives		47			47
Nepal		3			3
Pakistan	81	4,108	9,802		13,991
Sri Lanka		984			984
Total SAARC Region	185,701	9,560	25,790	1,080	222,130

Energy Consumed for Thermal Power Generation in SAARC Region for 2006

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	Biomass Energy	Total
Afghanistan	48	20	4		72
Bangladesh		564	6,953		7,517
Bhutan		0			0
India	194,343	1,221	10,952	1,103	207,619
Maldives		54			54
Nepal		4			4
Pakistan	89	6,563	8,960		15,613
Sri Lanka		912			912
Total SAARC Region	194,480	9,338	26,870	1,103	231,790

Energy Consumed for Thermal Power Generation in SAARC Region for 2007

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	Biomass Energy	Total
Afghanistan	48	30	4		82
Bangladesh		578	7,257		7,835
Bhutan		1			1
India	211,616	1,388	11,020	1,104	225,129
Maldives		63			63
Nepal		3			3
Pakistan	88	6,900	8,807		15,796
Sri Lanka		1,209			1,209
Total SAARC Region	211,752	10,172	27,088	1,104	250,116

Energy Consumed for Thermal Power Generation in SAARC Region for 2008

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	Biomass Energy	Total
Afghanistan	41	30	4		75
Bangladesh		612	8,047		8,659
Bhutan		0			0
India	214,374	5,883	11,536	1,117	232,909
Maldives		71			71
Nepal		3			3
Pakistan	66	7,375	8,120		15,561
Sri Lanka		1,205			1,205
Total SAARC Region	214,481	15,179	27,707	1,117	258,483

Energy Consumed for Thermal Power Generation in SAARC Region for 2009

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	Biomass Energy	Total
Afghanistan	21	20	3		44
Bangladesh		645	8,981		9,626
Bhutan		0			0
India	227,804	5,534	17,834	1,115	252,286
Maldives		75			75
Nepal		4			4
Pakistan	74	8,588	7,370		16,032
Sri Lanka		1,323			1,323
Total SAARC Region	227,899	16,188	34,188	1,115	279,390

Energy Consumed for Thermal Power Generation in SAARC Region for 2010

(Thousand tonnes of oil equivalent)

	Hard Coal Lignite and Peat	Petroleum Products	Natural Gas	Biomass Energy	Total
Afghanistan	21	20	4		44
Bangladesh		691	10,285		10,976
Bhutan		0			0
India	206,725	7,271	25,104	1,157	240,257
Maldives		64			64
Nepal		1			1
Pakistan	56	7,927	6,734		14,717
Sri Lanka		1,045			1,045
Total SAARC Region	206,802	17,019	42,127	1,157	267,106

Part IV:
Energy Resources and Reserves

Solid Fuels Resources and Reserves in SAARC Region in 2004

(Million tonnes)

	Bituminous coal / Anthracite			Sub-bituminous coal / Lignite			Peat		
	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place
Afghanistan	112	66	400						
Bangladesh	1,054						138		138
Bhutan									
India	196,892	74,733	86,088	26,000	2,000	3,932			
Maldives									
Nepal									
Pakistan				145	2,928	1			
Sri Lanka							5	5	46
Total SAARC Region	198,058	74,799	86,488	26,145	4,928	3,933	5	5	46

Solid Fuels Resources and Reserves in SAARC Region in 2006

(Million tonnes)

	Bituminous coal / Anthracite			Sub-bituminous coal / Lignite			Peat		
	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place
Afghanistan	112	66	400						
Bangladesh	1,054						138		138
Bhutan									
India	95,866	52,240	157,435	4,258	4,258	32,893			
Maldives									
Nepal				1	1	7			
Pakistan	1	1	5	3,303	1,981	68,068			
Sri Lanka							5	5	46
Total SAARC Region	97,033	52,307	157,840	7,562	6,240	100,968	143	5	184

Solid Fuels Resources and Reserves in SAARC Region in 2009

(Million tonnes)

	Bituminous coal / Anthracite			Sub-bituminous coal / Lignite			Peat		
	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place
Afghanistan	112	66	400						
Bangladesh	1,054	293					138		138
Bhutan									
India	105,820	56,100	157,435	4,258	4,500	32,893			
Maldives									
Nepal				1	1	7			
Pakistan	1	1	5	3,451	2,070	68,068			
Sri Lanka							5	5	46
Total SAARC Region	106,987	56,460	157,840	7,710	6,571	100,968	143	5	184

Solid Fuels Resources and Reserves in SAARC Region in 2010

(Million tonnes)

	Bituminous coal / Anthracite			Sub-bituminous coal / Lignite			Peat		
	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place	Proved amount in place	Proved recoverable reserves	Estimated additional amount in place
Afghanistan	112	66	400						
Bangladesh	1,054	293					138		138
Bhutan									
India	105,820	56,100	157,435	4,500	4,500	32,893			
Maldives									
Nepal				1	1	7			
Pakistan	1	1	5	3,451	2,070	68,068			
Sri Lanka							5	5	46
Total SAARC Region	106,987	56,460	157,840	7,952	6,571	100,968	143	5	184

Oil and Gas Reserves in SAARC Region in 2004

	Proved recoverable reserves	
	Natural gas (billion cubic metres)	Crude oil and NGL (Million tonnes)
Afghanistan	100	
Bangladesh	288	8
Bhutan		
India	688	740
Maldives		
Nepal		
Pakistan	595	39
Sri Lanka		
Total SAARC Region	1,671	787

Oil and Gas Reserves in SAARC Region in 2006

	Proved recoverable reserves	
	Natural gas (billion cubic metres)	Crude oil and NGL (Million tonnes)
Afghanistan	50	
Bangladesh	436	3
Bhutan		
India	1,101	786
Maldives		
Nepal		
Pakistan	807	40
Sri Lanka		
Total SAARC Region	2,394	829

Oil and Gas Reserves in SAARC Region in 2009

	Proved recoverable reserves	
	Natural gas (billion cubic metres)	Crude oil and NGL (Million tonnes)
Afghanistan	50	
Bangladesh	344	3
Bhutan		
India	1,074	740
Maldives		
Nepal	0	
Pakistan	840	42
Sri Lanka		
Total SAARC Region	2,308	785

Oil and Gas Reserves in SAARC Region in 2010

	Proved recoverable reserves	
	Natural gas (billion cubic metres)	Crude oil and NGL (Million tonnes)
Afghanistan	50	
Bangladesh	344	3
Bhutan		
India	1,074	740
Maldives		
Nepal	0	
Pakistan	840	42
Sri Lanka		
Total SAARC Region	2,308	785

Uranium and Hydropower Resources in SAARC Region in 2004

	Uranium (Tonnes)		Hydropower (Gross theoretical capability as GWh/year)
	Reasonably assured resources	Inferred resources	

Afghanistan			0
Bangladesh			1,000
Bhutan			
India	40,980	18,935	2,638,000
Maldives			
Nepal			727,000
Pakistan			262,000
Sri Lanka			7,000
Total SAARC Region	40,980	18,935	3,634,000

Uranium and Hydropower Resources in SAARC Region in 2006

	Uranium (Tonnes)		Hydropower (Gross theoretical capability as GWh/year)
	Reasonably assured resources	Inferred resources	

Afghanistan			0
Bangladesh			4,000
Bhutan			263,000
India	42,600	22,300	2,638,000
Maldives			
Nepal			733,000
Pakistan			480,000
Sri Lanka			18,000
Total SAARC Region	42,600	22,300	4,136,000

Uranium and Hydropower Resources in SAARC Region in 2009

	Uranium (Tonnes)		Hydropower (Gross theoretical capability as GWh/year)
	Reasonably assured resources	Inferred resources	
Afghanistan			394,000
Bangladesh			4,000
Bhutan			263,000
India	55,200	24,900	2,638,000
Maldives			
Nepal			733,000
Pakistan			475,000
Sri Lanka			21,000
Total SAARC Region	55,200	24,900	4,528,000

Uranium and Hydropower Resources in SAARC Region in 2010

	Uranium (Tonnes)		Hydropower (Gross theoretical capability as GWh/year)
	Reasonably assured resources	Inferred resources	
Afghanistan			394,000
Bangladesh			4,000
Bhutan			263,000
India	55,200	24,900	2,638,000
Maldives			
Nepal			733,000
Pakistan			475,000
Sri Lanka			21,000
Total SAARC Region	55,200	24,900	4,528,000

Part IV:

Electricity

**Installed Capacity, Production,
Trade & Supply**

Electricity net installed generating capacities for 2001

(Thousand kilowatts)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	436	60	376								436	60	376		
Bangladesh	3,091	2,861	230								3,091	2,861	230		
Bhutan	350		350								350		350		
India	121,890	91,447	26,308	2,720	1,415	16,972	16,850	47		75	104,918	74,597	26,261	2,720	1,340
Maldives	37	37									37	37			
Nepal	404	10	394			10		10			394	10	384		
Pakistan	17,457	12,169	4,826	462		0	0				17,457	12,169	4,826	462	
Sri Lanka	2,226	1,062	1,161		3	227	227				1,999	835	1,161		3
Total SAARC Region	145,891	107,646	33,645	3,182	1,418	17,209	17,077	57		75	128,682	90,569	33,588	3,182	1,343

Electricity net installed generating capacities for 2002

(Thousand kilowatts)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	429	60	369								429	60	369		
Bangladesh	3,091	2,861	230								3,091	2,861	230		
Bhutan	350		350								350		350		
India	125,740	94,979	26,318	2,720	1,723	18,363	18,217	51		95	107,377	76,762	26,267	2,720	1,628
Maldives	44	44									44	44			
Nepal	396	2	394			10		10			386	2	384		
Pakistan	17,794	12,286	5,046	462		0	0				17,794	12,286	5,046	462	
Sri Lanka	2,768	1,593	1,172		3	537	537				2,231	1,056	1,172		3
Total SAARC Region	150,612	111,825	33,879	3,182	1,726	18,910	18,754	61		95	131,702	93,071	33,818	3,182	1,631

Electricity net installed generating capacities for 2003

(Thousand kilowatts)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	489	115	374			62	55	7			427	60	367		
Bangladesh	4,058	3,828	230			1,258	1,258				2,800	2,570	230		
Bhutan	438	9	429								438	9	429		
India	131,384	96,495	29,569	2,720	2,600	18,740	18,526	62		152	112,644	77,969	29,507	2,720	2,448
Maldives	49	49									49	49			
Nepal	606	55	551			148		148			458	55	403		
Pakistan	17,798	12,290	5,046	462		5	5				17,793	12,285	5,046	462	
Sri Lanka	2,710	1,460	1,247		3	227	227				2,483	1,233	1,247		3
Total SAARC Region	157,532	114,301	37,446	3,182	2,603	20,440	20,071	217		152	137,092	94,230	37,229	3,182	2,451

Electricity net installed generating capacities for 2004

(Thousand kilowatts)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	489	115	374			62	55	7			427	60	367		
Bangladesh	4,263	4,033	230			1,258	1,258				3,005	2,775	230		
Bhutan	438	9	429								438	9	429		
India	137,528	99,799	31,001	2,770	3,958	19,102	18,896	59		147	118,426	80,903	30,942	2,770	3,811
Maldives	49	49									49	49			
Nepal	610	57	553			149		149			461	57	404		
Pakistan	19,399	12,438	6,499	462		15	15				19,384	12,423	6,499	462	
Sri Lanka	2,726	1,442	1,281		3	227	227				2,499	1,215	1,281		3
Total SAARC Region	165,502	117,942	40,367	3,232	3,961	20,813	20,451	215		147	144,689	97,491	40,152	3,232	3,814

Electricity net installed generating capacities for 2005

(Thousand kilowatts)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	489	115	374			62	55	7			427	60	367		
Bangladesh	4,263	4,033	230			1,258	1,258				3,005	2,775	230		
Bhutan	478	9	469								478	9	469		
India	145,695	110,009	32,326	3,360		21,408	21,408				124,287	88,601	32,326	3,360	
Maldives	49	49									49	49			
Nepal	611	57	554			150		150			461	57	404		
Pakistan	19,480	12,519	6,499	462		30	30				19,450	12,489	6,499	462	
Sri Lanka	2,638	1,342	1,293		3	227	227				2,411	1,115	1,293		3
Total SAARC Region	173,703	128,133	41,745	3,822	3	23,135	22,978	157			150,568	105,155	41,588	3,822	3

Electricity net installed generating capacities for 2006

(Thousand kilowatts)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	489	115	374			62	55	7			427	60	367		
Bangladesh	5,245	5,015	230			1,258	1,258				3,987	3,757	230		
Bhutan	1,505	17	1,488		0						1,505	17	1,488		0
India	154,725	116,050	34,775	3,900		22,336	22,275	61			132,389	93,775	34,714	3,900	
Maldives	58	58									58	58			
Nepal	617	57	560			151		151			466	57	409		
Pakistan	19,419	12,478	6,479	462		5,822	5,822				13,597	6,656	6,479	462	
Sri Lanka	2,434	1,115	1,316		3						2,434	1,115	1,316		3
Total SAARC Region	184,492	134,905	45,222	4,362	3	29,629	29,410	219			154,863	105,495	45,003	4,362	3

Electricity net installed generating capacities for 2007

(Thousand kilowatts)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	489	115	374			182	55	127			307	60	247		
Bangladesh	5,245	5,015	230			1,258	1,258				3,987	3,757	230		
Bhutan	1,505	17	1,488		0						1,505	17	1,488		0
India	168,048	127,958	35,970	4,120		24,987	24,926	61			143,061	103,032	35,909	4,120	
Maldives	61	61									61	61			
Nepal	622	57	565			152		152			470	57	413		
Pakistan	19,420	12,478	6,480	462		5,822	5,822				13,598	6,656	6,480	462	
Sri Lanka	2,444	1,115	1,326		3						2,444	1,115	1,326		3
Total SAARC Region	197,834	146,816	46,433	4,582	3	32,401	32,061	340			165,433	114,755	46,093	4,582	3

Electricity net installed generating capacities for 2008

(Thousand kilowatts)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	489	115	374			182	55	127			307	60	247		
Bangladesh	5,453	5,223	230			1,258	1,258				4,195	3,965	230		
Bhutan	1,505	17	1,488		0						1,505	17	1,488		0
India	174,947	133,888	36,939	4,120		26,981	26,920	61			147,966	106,968	36,878	4,120	
Maldives	75	75									75	75	-		
Nepal	625	57	568			153		153			472	57	415		
Pakistan	19,785	12,842	6,481	462		5,987	5,987				13,798	6,855	6,481	462	
Sri Lanka	2,645	1,285	1,357		3						2,645	1,285	1,357		3
Total SAARC Region	205,524	153,502	47,437	4,582	3	34,561	34,220	341			170,963	119,282	47,096	4,582	3

Electricity net installed generating capacities for 2009

(Thousand kilowatts)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	489	115	374			182	55	127			307	60	247		
Bangladesh	5,719	5,489	230			1,907	1,907				3,812	3,582	230		
Bhutan	1,505	17	1,488		0						1,505	17	1,488		0
India	187,872	146,388	36,924	4,560		28,474	28,413	61			159,398	117,975	36,863	4,560	
Maldives	75	75									75	75			
Nepal	630	57	573			155		155			475	57	418		
Pakistan	20,921	13,978	6,481	462		7,123	7,123				13,798	6,855	6,481	462	
Sri Lanka	2,684	1,290	1,391		3						2,684	1,290	1,391		3
Total SAARC Region	219,895	167,409	47,461	5,022	3	37,841	37,498	343			182,054	129,911	47,118	5,022	3

Electricity net installed generating capacities for 2010

(Thousand kilowatts)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	489	115	374			182	55	127			307	60	247		
Bangladesh	5,823	5,593	230			1,907	1,907				3,916	3,686	230		
Bhutan	1,505	17	1,488		0						1,505	17	1,488		0
India	206,526	164,118	37,628	4,780		32,900	32,839	61			173,626	131,279	37,567	4,780	
Maldives	77	77									77	77			
Nepal	630	57	573			155		155			475	57	418		
Pakistan	22,477	15,209	6,481	787		8,363	8,363				14,114	6,846	6,481	787	
Sri Lanka	2,818	1,390	1,395		33						2,818	1,390	1,395		33
Total SAARC Region	240,345	186,576	48,169	5,567	33	43,507	43,164	343			196,838	143,412	47,826	5,567	33

Production of electricity by-type for 2001

(Million kilowatt-hours)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	545	235	310			150	135	15			395	100	295		
Bangladesh	17,392	16,399	993								17,392	16,399	993		
Bhutan	1,940		1,940								1,940		1,940		
India	578,452	483,367	74,040	19,320	1,725	63,205	63,000	100		105	515,247	420,367	73,940	19,320	1,620
Maldives	116	116									116	116			
Nepal	1,867	18	1,849			17		17			1,850	18	1,832		
Pakistan	68,117	48,926	17,194	1,997							68,117	48,926	17,194	1,997	
Sri Lanka	6,625	3,512	3,110		3	105	105				6,520	3,407	3,110		3
Total SAARC Region	675,054	552,573	99,436	21,317	1,728	63,477	63,240	132	-	105	611,577	489,333	99,304	21,317	1,623

Production of electricity by-type for 2002

(Million kilowatt-hours)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	846	275	571			150	135	15			696	140	556		
Bangladesh	18,665	17,599	1,066								18,665	17,599	1,066		
Bhutan	2,000		2,000								2,000		2,000		
India	596,543	510,362	64,104	19,390	2,687	63,850	63,584	90		176	532,693	446,778	64,014	19,390	2,511
Maldives	126	126									126	126			
Nepal	2,123	4	2,119			12		12			2,111	4	2,107		
Pakistan	72,406	51,174	18,941	2,291							72,406	51,174	18,941	2,291	
Sri Lanka	6,951	4,255	2,692		4	141	141				6,810	4,114	2,692		4
Total SAARC Region	699,660	583,795	91,493	21,681	2,691	64,153	63,860	117		176	635,507	519,935	91,376	21,681	2,515

Production of electricity by-type for 2003

(Million kilowatt-hours)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	976	329	647			150	135	15			826	194	632		
Bangladesh	19,170	18,044	1,126			6,298	6,298				12,872	11,746	1,126		
Bhutan	2,200	1	2,199								2,200	1	2,199		
India	633,275	536,565	75,340	17,780	3,590	68,173	67,887	98		188	565,102	468,678	75,242	17,780	3,402
Maldives	141	141									141	141			
Nepal	2,267	4	2,263			13		13			2,254	4	2,250		
Pakistan	80,830	52,126	26,944	1,760		4	4				80,826	52,122	26,944	1,760	
Sri Lanka	7,711	4,398	3,310		3	100	100				7,611	4,298	3,310		3
Total SAARC Region	746,570	611,608	111,829	19,540	3,593	74,738	74,424	126		188	671,832	537,184	111,703	19,540	3,405

Production of electricity by-type for 2004

(Million kilowatt-hours)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	929	350	579			150	135	15			779	215	564		
Bangladesh	20,820	19,594	1,226			7,478	7,478				13,342	12,116	1,226		
Bhutan	2,529	2	2,527								2,529	2	2,527		
India	665,873	559,438	84,723	17,011	4,701	71,417	71,109	113		195	594,456	488,329	84,610	17,011	4,506
Maldives	160	160									160	160			
Nepal	2,416	14	2,402			14		14			2,402	14	2,388		
Pakistan	85,698	57,232	25,671	2,795		70	70				85,628	57,162	25,671	2,795	
Sri Lanka	8,158	5,195	2,960		3	115	115				8,043	5,080	2,960		3
Total SAARC Region	786,583	641,985	120,088	19,806	4,704	79,244	78,907	142		195	707,339	563,078	119,946	19,806	4,509

Production of electricity by-type for 2005

(Million kilowatt-hours)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	960	365	595			150	135	15			810	230	580		
Bangladesh	22,006	20,713	1,293			7,939	7,939				14,067	12,774	1,293		
Bhutan	2,355	2	2,353								2,355	2	2,353		
India	697,234	578,406	101,494	17,334		73,404	73,404				623,830	505,002	101,494	17,334	
Maldives	185	185									185	185			
Nepal	2,622	10	2,612			15		15			2,607	10	2,597		
Pakistan	93,832	60,486	30,862	2,484		203	203				93,629	60,283	30,862	2,484	
Sri Lanka	8,769	5,314	3,453		2	120	120				8,649	5,194	3,453		2
Total SAARC Region	827,963	665,481	142,662	19,818	2	81,831	81,801	30			746,132	583,680	142,632	19,818	2

Production of electricity by-type for 2006

(Million kilowatt-hours)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	913	267	646			232	67	165			681	200	481		
Bangladesh	29,879	28,490	1,389			5,545	5,545				24,334	22,945	1,389		
Bhutan	4,521	2	4,519								4,521	2	4,519		
India	752,454	619,932	113,720	18,802		81,799	81,581	218			670,655	538,351	113,502	18,802	
Maldives	212	212									212	212			
Nepal	2,748	13	2,735			25		25			2,723	13	2,710		
Pakistan	98,213	63,972	31,953	2,288		34,206	34,206				64,007	29,766	31,953	2,288	
Sri Lanka	9,389	4,751	4,636		2	0	0				9,389	4,751	4,636		2
Total SAARC Region	898,329	717,639	159,598	21,090	2	121,807	121,399	408			776,522	596,240	159,190	21,090	2

Production of electricity by-type for 2007

(Million kilowatt-hours)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	950	266	684			271	31	240			679	235	444		
Bangladesh	31,286	29,894	1,392			6,908	6,908				24,378	22,986	1,392		
Bhutan	6,562	2	6,560								6,562	2	6,560		
India	813,102	675,556	120,589	16,957		90,476	90,274	202			722,626	585,282	120,387	16,957	
Maldives	245	245									245	245			
Nepal	2,792	9	2,783			31		31			2,761	9	2,752		
Pakistan	95,661	63,877	28,707	3,077		35,231	35,231				60,430	28,646	28,707	3,077	
Sri Lanka	9,814	5,864	3,948		2	0	0				9,814	5,864	3,948		2
Total SAARC Region	960,412	775,713	164,663	20,034	2	132,917	132,444	473			827,495	643,269	164,190	20,034	2

Production of electricity by-type for 2008

(Million kilowatt-hours)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	788	247	541			229	47	182			559	200	359		
Bangladesh	34,957	33,483	1,474			9,151	9,151				25,806	24,332	1,474		
Bhutan	6,961	0	6,961								6,961	0	6,961		
India	842,531	713,481	114,337	14,713		95,905	95,649	256			746,626	617,832	114,081	14,713	
Maldives	280	280									280	280			
Nepal	2,812	9	2,803			38		38			2,774	9	2,765		
Pakistan	91,616	62,214	27,784	1,618		34,431	34,431				57,185	27,783	27,784	1,618	
Sri Lanka	9,901	5,763	4,135		3	0	0				9,901	5,763	4,135		3
Total SAARC Region	989,847	815,478	158,035	16,331	3	139,754	139,278	476			850,092	676,199	157,559	16,331	3

Production of electricity by-type for 2009

(Million kilowatt-hours)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	889	114	775			270	5	265			619	109	510		
Bangladesh	37,862	36,310	1,552			10,687	10,687				27,175	25,623	1,552		
Bhutan	6,998	0	6,998								6,998	0	6,998		
India	899,389	773,844	106,909	18,636		103,108	102,879	229			796,281	670,965	106,680	18,636	
Maldives	298	298									298	298	-		
Nepal	3,115	13	3,102			42		42			3,073	13	3,060		
Pakistan	95,358	64,371	28,093	2,894		36,814	36,814				58,544	27,557	28,093	2,894	
Sri Lanka	9,882	5,975	3,904		3	0	0				9,882	5,975	3,904		3
Total SAARC Region	1,053,791	880,925	151,333	21,530	3	150,921	150,385	536			902,870	730,540	150,797	21,530	3

Production of electricity by-type for 2010

(Million kilowatt-hours)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	892	125	767			270	5	265			622	120	502		
Bangladesh	42,347	40,685	1,662			13,245	13,245				29,102	27,440	1,662		
Bhutan	7,329	1	7,328								7,329	1	7,328		
India	954,539	813,787	114,486	26,266		109,693	109,464	229			844,846	704,323	114,257	26,266	
Maldives	256	256									256	256			
Nepal	3,207	3	3,204			43		43			3,164	3	3,161		
Pakistan	94,383	59,152	31,811	3,420		37,214	37,214				57,169	21,938	31,811	3,420	
Sri Lanka	10,714	4,995	5,666		53	0	0				10,714	4,995	5,666		53
Total SAARC Region	1,113,667	919,004	164,924	29,686	53	160,465	159,928	537			953,202	759,076	164,387	29,686	53

Utilization of installed electric generating capacity by-type for 2001

(Kilowatt-hours per kilowatt)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	1,250	3,917	824								906	1,667	785		
Bangladesh	5,627	5,732	4,317								5,627	5,732	4,317		
Bhutan	5,543	-	5,543								5,543		5,543		
India	4,746	5,286	2,814	7,103	1,219	3,724	3,739	2,128		1,400	4,911	5,635	2,816	7,103	1,209
Maldives	3,135	3,135									3,135	3,135			
Nepal	4,621	1,800	4,693			1,700		1,700			4,695	1,800	4,771		
Pakistan	3,902	4,021	3,563	4,323							3,902	4,021	3,563	4,323	
Sri Lanka	2,976	3,307	2,679		1,000	463	463				3,262	4,080	2,679		1,000
Total SAARC Region	4,627	5,133	2,955	6,699	1,219	3,689	3,703	2,316		1,400	4,753	5,403	2,957	6,699	1,208

Utilization of installed electric generating capacity by-type for 2002

(Kilowatt-hours per kilowatt)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	1,972	4,583	1,547								1,622	2,333	1,507		
Bangladesh	6,038	6,151	4,635								6,038	6,151	4,635		
Bhutan	5,714		5,714								5,714		5,714		
India	4,744	5,373	2,436	7,129	1,559	3,477	3,490	1,765		1,853	4,961	5,820	2,437	7,129	1,542
Maldives	2,864	2,864									2,864	2,864			
Nepal	5,361	2,000	5,378			1,200		1,200			5,469	2,000	5,487		
Pakistan	4,069	4,165	3,754	4,959							4,069	4,165	3,754	4,959	
Sri Lanka	2,511	2,671	2,297		1,333	263	263				3,052	3,896	2,297		1,333
Total SAARC Region	4,645	5,221	2,701	6,814	1,559	3,393	3,405	1,918		1,853	4,825	5,586	2,702	6,814	1,542

Utilization of installed electric generating capacity by-type for 2003

(Kilowatt-hours per kilowatt)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	1,996	2,861	1,730								1,934	3,233	1,722		
Bangladesh	4,724	4,714	4,896								4,597	4,570	4,896		
Bhutan	5,023		5,126								5,023		5,126		
India	4,820	5,561	2,548	6,537	1,381	3,638	3,664	1,581		1,237	5,017	6,011	2,550	6,537	1,390
Maldives	2,878	2,878	-								2,878	2,878			
Nepal	3,741	73	4,107			88		88			4,921	73	5,583		
Pakistan	4,542	4,241	5,340	3,810		800	800				4,543	4,243	5,340	3,810	
Sri Lanka	2,845	3,012	2,654		1,000	441	441				3,065	3,486	2,654		1,000
Total SAARC Region	4,739	5,351	2,986	6,141	1,380	3,656	3,708	581		1,237	4,901	5,701	3,000	6,141	1,389

Utilization of installed electric generating capacity by-type for 2004

(Kilowatt-hours per kilowatt)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	1,900	3,043	1,548								1,824	3,583	1,537		
Bangladesh	4,884	4,858	5,330								4,440	4,366	5,330		
Bhutan	5,774		5,890								5,774		5,890		
India	4,842	5,606	2,733	6,141	1,188	3,739	3,763	1,915		1,327	5,020	6,036	2,734	6,141	1,182
Maldives	3,265	3,265									3,265	3,265			
Nepal	3,961	246	4,344			94		94			5,210	246	5,911		
Pakistan	4,418	4,601	3,950	6,050		4,667	4,667				4,417	4,601	3,950	6,050	
Sri Lanka	2,993	3,603	2,311		1,000	507	507				3,218	4,181	2,311		1,000
Total SAARC Region	4,753	5,443	2,975	6,128	1,188	3,807	3,858	660		1,327	4,889	5,776	2,987	6,128	1,182

Utilization of installed electric generating capacity by-type for 2005

(Kilowatt-hours per kilowatt)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	1,963	3,174	1,591			2,419	2,455	2,143			1,897	3,833	1,580		
Bangladesh	5,162	5,136	5,622			6,311	6,311				4,681	4,603	5,622		
Bhutan	4,927	222	5,017								4,927	222	5,017		
India	4,786	5,258	3,140	5,159		3,429	3,429				5,019	5,700	3,140	5,159	
Maldives	3,776	3,776									3,776	3,776			
Nepal	4,291	175	4,715			100		100			5,655	175	6,428		
Pakistan	4,817	4,832	4,749	5,377		6,767	6,767				4,814	4,827	4,749	5,377	
Sri Lanka	3,324	3,960	2,671		667						3,587	4,658	2,671		1,000
Total SAARC Region	4,767	5,194	3,417	5,185	667	3,537	3,560	191			4,955	5,551	3,430	5,185	667

Utilization of installed electric generating capacity by-type for 2006

(Kilowatt-hours per kilowatt)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	1,867	2,322	1,727			3,742	1,218	23,571			1,595	3,333	1,311		
Bangladesh	5,697	5,681	6,039			4,408	4,408				6,103	6,107	6,039		
Bhutan	3,004	115	3,037								3,004	115	3,037		
India	4,863	5,342	3,270	4,821		3,662	3,662	3,574			5,066	5,741	3,270	4,821	
Maldives	3,655	3,655									3,655	3,655			
Nepal	4,454	228	4,884			166		166			5,843	228	6,626		
Pakistan	5,058	5,127	4,932	4,952		5,875	5,875				4,707	4,472	4,932	4,952	
Sri Lanka	3,858	4,261	3,523		667						3,857	4,261	3,523		1,000
Total SAARC Region	4,869	5,320	3,529	4,835	645	4,111	4,128	1,863			5,014	5,652	3,537	4,835	645

Utilization of installed electric generating capacity by-type for 2007

(Kilowatt-hours per kilowatt)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	1,943	2,313	1,829			1,489	564	1,890			2,212	3,917	1,798		
Bangladesh	5,965	5,961	6,052			5,491	5,491				6,114	6,118	6,052		
Bhutan	4,360	115	4,409								4,360	115	4,409		
India	4,839	5,280	3,352	4,116		3,621	3,622	3,311			5,051	5,681	3,353	4,116	
Maldives	4,016	4,016									4,016	4,016			
Nepal	4,489	158	4,926			204		204			5,874	158	6,663		
Pakistan	4,926	5,119	4,430	6,660		6,051	6,051				4,444	4,304	4,430	6,660	
Sri Lanka	4,016	5,259	2,977		667						4,016	5,259	2,977		1,000
Total SAARC Region	4,855	5,284	3,546	4,372	645	4,102	4,131	1,391			5,002	5,606	3,562	4,372	645

Utilization of installed electric generating capacity by-type for 2008

(Kilowatt-hours per kilowatt)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	1,611	2,148	1,447			1,258	855	1,433			1,821	3,333	1,453		
Bangladesh	6,411	6,411	6,409			7,274	7,274				6,152	6,137	6,409		
Bhutan	4,625	23	4,678								4,625	23	4,678		
India	4,816	5,329	3,095	3,571		3,555	3,553	4,197			5,046	5,776	3,093	3,571	
Maldives	3,733	3,733									3,733	3,733			
Nepal	4,499	158	4,935			248		248			5,877	158	6,663		
Pakistan	4,631	4,845	4,287	3,502		5,751	5,751				4,144	4,053	4,287	3,502	
Sri Lanka	3,743	4,485	3,047		1,000						3,743	4,485	3,047		1,000
Total SAARC Region	4,816	5,312	3,331	3,564	968	4,044	4,070	1,396			4,972	5,669	3,345	3,564	968

Utilization of installed electric generating capacity by-type for 2009

(Kilowatt-hours per kilowatt)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	1,818	991	2,072			1,484	91	2,087			2,016	1,817	2,065		
Bangladesh	6,620	6,615	6,748			5,604	5,604				7,129	7,153	6,748		
Bhutan	4,650	17	4,703								4,650	17	4,703		
India	4,787	5,286	2,895	4,087		3,621	3,621	3,754			4,996	5,687	2,894	4,087	
Maldives	3,973	3,973									3,973	3,973			
Nepal	4,944	228	5,414			271		271			6,469	228	7,321		
Pakistan	4,558	4,605	4,335	6,264		5,168	5,168				4,243	4,020	4,335	6,264	
Sri Lanka	3,682	4,632	2,807		1,000						3,682	4,632	2,807		1,000
Total SAARC Region	4,792	5,262	3,189	4,287	968	3,988	4,010	1,563			4,959	5,623	3,200	4,287	968

Utilization of installed electric generating capacity by-type for 2010

(Kilowatt-hours per kilowatt)

	Self-producers and public utilities					Self-producers					Public utilities				
	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal	Total	Thermal	Hydro	Nuclear	Geo-thermal
Afghanistan	1,824	1,087	2,051			1,484	91	2,087			2,026	2,000	2,032		
Bangladesh	7,272	7,274	7,226			6,945	6,945				7,432	7,444	7,226		
Bhutan	4,869	59	4,925								4,869	59	4,925		
India	4,622	4,959	3,043	5,495		3,334	3,333	3,754			4,866	5,365	3,041	5,495	
Maldives	3,325	3,325									3,325	3,325			
Nepal	5,090	53	5,592			277		277			6,661	53	7,562		
Pakistan	4,199	3,889	4,908	4,346		4,450	4,450				4,051	3,204	4,908	4,346	
Sri Lanka	3,802	3,594	4,062		1,606						3,802	3,594	4,062		1,000
Total SAARC Region	4,634	4,926	3,424	5,332	1,601	3,688	3,705	1,566			4,843	5,293	3,437	5,332	1,601

Electricity production, trade and supply for 2001

(Million kilowatt-hours)

	Production	Imports *	Exports *	Supply	
				Total	kWh / Capita
Afghanistan	545	95	..	640	22
Bangladesh	17,392	..	..	17,392	123
Bhutan	1,940	16	1,400	556	250
India	578,452	1,540	187	579,805	561
Maldives	116	..	..	116	420
Nepal	1,867	238	143	1,962	83
Pakistan	68,117	..	..	68,117	482
Sri Lanka	6,625	..	..	6,625	354
Total SAARC Region	675,054	1,889	1,730	675,213	2,295

* Due to non-availability of data on intra-region trade, Regional Totals may exceed actual numbers.

Electricity production, trade and supply for 2002

(Million kilowatt-hours)

	Production	Imports *	Exports *	Supply	
				Total	kWh / Capita
Afghanistan	846	100	..	946	39
Bangladesh	18,665	..	..	18,665	130
Bhutan	2,000	16	1,420	596	236
India	596,543	1,520	175	597,888	569
Maldives	126	..	..	126	448
Nepal	2,123	150	186	2,087	86
Pakistan	72,406	..	..	72,406	500
Sri Lanka	6,951	..	..	6,951	366
Total SAARC Region	699,660	1,770	361	699,069	2,138

* Due to non-availability of data on intra-region trade, Regional Totals may exceed actual numbers.

Electricity production, trade and supply for 2003

(Million kilowatt-hours)

	Production	Imports *	Exports *	Supply	
				Total	kWh / Capita
Afghanistan	976	100	..	1,076	48
Bangladesh	19,170	..	..	19,170	142
Bhutan	2,200	24	1,560	664	1,084
India	633,275	1,748	58	634,965	594
Maldives	141	..	..	141	495
Nepal	2,267	150	206	2,211	91
Pakistan	80,830	73	..	80,903	554
Sri Lanka	7,711	..	..	7,711	401
Total SAARC Region	746,570	2,095	1,824	746,841	3,409

* Due to non-availability of data on intra-region trade, Regional Totals may exceed actual numbers.

Electricity production, trade and supply for 2004

(Million kilowatt-hours)

	Production	Imports *	Exports *	Supply	
				Total	kWh / Capita
Afghanistan	929	100	..	1,029	48
Bangladesh	20,820	..	..	20,820	152
Bhutan	2,529	19	1,845	703	1,127
India	665,873	1,735	40	667,568	618
Maldives	160	..	..	160	553
Nepal	2,416	241	111	2,546	103
Pakistan	85,698	109	..	85,807	577
Sri Lanka	8,158	..	..	8,158	419
Total SAARC Region	786,583	2,204	1,996	786,791	3,597

* Due to non-availability of data on intra-region trade, Regional Totals may exceed actual numbers.

Electricity production, trade and supply for 2005

(Million kilowatt-hours)

	Production	Imports *	Exports *	Supply	
				Total	kWh / Capita
Afghanistan	960	100		1,060	47
Bangladesh	22,006			22,006	159
Bhutan	2,355	21	1,624	752	1,184
India	697,234	1,763	209	698,788	638
Maldives	185			185	630
Nepal	2,622	202	133	2,691	106
Pakistan	93,832	146		93,978	612
Sri Lanka	8,769			8,769	446
Total SAARC Region	827,963	2,232	1,966	828,229	3,822

* Due to non-availability of data on intra-region trade, Regional Totals may exceed actual numbers.

Electricity production, trade and supply for 2006

(Million kilowatt-hours)

	Production	Imports *	Exports *	Supply	
				Total	kWh / Capita
Afghanistan	913	594	-	1,507	53
Bangladesh	29,879	-	-	29,879	210
Bhutan	4,521	11	3,644	888	1,316
India	752,454	2,957	216	755,195	653
Maldives	212	-	-	212	708
Nepal	2,748	329	77	3,000	108
Pakistan	98,213	171	-	98,384	609
Sri Lanka	9,389	-	-	9,389	468
Total SAARC Region	898,329	4,062	3,937	898,454	4,125

* Due to non-availability of data on intra-region trade, Regional Totals may exceed actual numbers.

Electricity production, trade and supply for 2007

(Million kilowatt-hours)

	Production	Imports *	Exports *	Supply	
				Total	kWh / Capita
Afghanistan	950	785	-	1,735	60
Bangladesh	31,286	-	-	31,286	217
Bhutan	6,562	7	5,429	1,140	1,656
India	813,102	5,230	290	818,042	697
Maldives	245	-	-	245	807
Nepal	2,792	425	60	3,157	111
Pakistan	95,661	199	-	95,860	583
Sri Lanka	9,814	-	-	9,814	484
Total SAARC Region	960,412	6,646	5,779	961,279	4,615

* Due to non-availability of data on intra-region trade, Regional Totals may exceed actual numbers.

Electricity production, trade and supply for 2008

(Million kilowatt-hours)

	Production	Imports *	Exports *	Supply	
				Total	kWh / Capita
Afghanistan	788	835	-	1,623	54
Bangladesh	34,957	-	-	34,957	240
Bhutan	6,961	17	5,609	1,369	1,951
India	842,531	5,899	327	848,103	712
Maldives	280	-	-	280	910
Nepal	2,812	356	46	3,122	108
Pakistan	91,616	227	-	91,843	549
Sri Lanka	9,901	-	-	9,901	484
Total SAARC Region	989,847	7,334	5,982	991,199	5,008

* Due to non-availability of data on intra-region trade, Regional Totals may exceed actual numbers.

Electricity production, trade and supply for 2009

(Million kilowatt-hours)

	Production	Imports *	Exports *	Supply	
				Total	kWh / Capita
Afghanistan	889	957	-	1,846	60
Bangladesh	37,862	-	-	37,862	258
Bhutan	6,998	20	5,352	1,666	2,334
India	899,389	5,359	519	904,229	753
Maldives	298	-	-	298	957
Nepal	3,115	639	75	3,679	125
Pakistan	95,358	249	-	95,607	561
Sri Lanka	9,882	-	-	9,882	478
Total SAARC Region	1,053,791	7,224	5,946	1,055,069	660

* Due to non-availability of data on intra-region trade, Regional Totals may exceed actual numbers.

Electricity production, trade and supply for 2010

(Million kilowatt-hours)

	Production	Imports *	Exports *	Supply	
				Total	kWh / Capita
Afghanistan	892	1,867	-	2,759	88
Bangladesh	42,347	-	-	42,347	285
Bhutan	7,329	20	5,268	2,081	2,866
India	954,539	5,610	584	959,565	753
Maldives	256	-	-	256	810
Nepal	3,207	694	30	3,871	129
Pakistan	94,383	269	-	94,652	545
Sri Lanka	10,714	-	-	10,714	514
Total SAARC Region	1,113,667	8,460	5,882	1,116,245	660

* Due to non-availability of data on intra-region trade, Regional Totals may exceed actual numbers.