

2.3 Energy Consumption

Period	1. Gas (mm cft) ¹							Total
	Households	Commercial	Cement	Fertilizer	Power	Industry	Transport CNG ²	
1971-72	2,261	1,945	16,399	22,286	40,793	27,830	-	111,514
1972-73	2,983	2,305	20,888	27,685	43,330	30,121	-	127,312
1973-74	3,917	2,988	23,054	20,030	48,549	35,961	-	116,499
1974-75	5,065	3,520	24,668	31,203	51,801	40,489	-	156,746
1975-76	6,206	4,214	23,848	31,625	49,515	41,507	-	156,915
1976-77	7,498	4,684	22,535	31,805	60,837	41,666	-	169,025
1977-78	9,813	5,303	24,236	31,873	60,328	47,914	-	179,467
1978-79	12,110	6,063	24,256	43,749	60,758	49,632	-	196,568
1979-80	14,283	6,543	25,738	46,315	80,431	54,671	-	227,981
1980-81	17,738	7,540	26,085	65,920	84,743	62,748	-	264,774
1981-82	24,037	8,337	26,319	77,273	82,087	67,471	-	285,524
1982-83	28,357	8,905	21,222	97,308	74,205	70,522	-	300,519
1983-84	32,246	9,122	10,305	98,335	77,927	73,159	-	301,094
1984-85	37,372	9,838	8,300	100,083	88,906	74,629	-	319,128
1985-86	42,512	9,923	7,283	99,788	103,252	74,852	-	337,610
1986-87	45,761	9,878	5,496	103,131	118,098	75,305	-	357,669
1987-88	47,443	10,282	5,262	102,853	142,750	78,741	-	387,331
1988-89	51,278	10,829	5,255	104,394	142,064	81,421	-	395,241
1989-90	60,140	11,154	7,988	108,582	169,089	86,368	-	443,321

2.3 Energy Consumption

Period	1. Gas (mm cft)							Total
	Households	Commercial	Cement	Fertilizer	Power	Industry	Transport CNG	
1990-91	66,797	12,317	13,020	107,954	176,409	88,841	-	465,338
1991-92	70,741	13,057	11,761	101,493	193,893	95,661	25	486,606
1992-93	75,783	14,326	11,914	119,628	186,853	102,991	31	511,527
1993-94	82,461	15,239	10,187	144,514	197,694	100,631	43	550,769
1994-95	97,045	16,064	6,730	141,697	181,107	104,098	47	546,788
1995-96	110,103	16,960	7,569	150,374	186,507	111,202	153	582,868
1996-97	115,488	18,403	8,718	150,483	193,984	110,365	358	597,799
1997-98	134,500	18,764	12,092	147,752	179,042	115,250	490	607,890
1998-99	131,656	21,466	7,988	167,474	183,694	121,431	2,182	635,891
1999-00	139,973	21,712	8,558	177,152	227,364	134,916	2,426	712,101
2000-01	140,899	20,618	6,977	175,393	281,255	138,503	4,423	768,068
2001-02	144,186	22,130	7,063	177,589	314,851	151,416	7,369	824,604
2002-03	153,508	22,776	3,445	180,611	335,636	164,968	11,320	872,264
2003-04	155,174	24,192	7,711	185,350	469,738	193,395	15,858	1,051,418
2004-05	172,103	27,191	13,383	190,409	507,398	226,116	24,443	1,161,043
2005-06	171,109	29,269	15,335	198,175	491,766	278,846	38,885	1,223,385
2006-07	185,533	31,375	14,686	193,682	433,672	306,600	56,446	1,221,994
2007-08	204,035	33,905	12,736	200,063	429,892	322,563	72,018	1,275,212
2008-09	214,113	35,536	7,305	201,100	404,140	319,003	88,236	1,269,433
2009-10	219,382	36,955	1,944	220,124	366,906	333,508	99,002	1,277,821
2010-11	232,244	36,466	1,378	228,460	337,401	291,667	113,055	1,240,671
2011-12	261,915	39,627	1,266	211,828	358,381	296,181	119,000	1,288,198
2012-13	291,917	40,689	586	188,020	362,262	284,278	100,228	1,267,980
2013-14 ^P	269,135	38,117	522	216,518	349,535	259,032	87,634	1,220,493
2014-15 [*]	213,950	26,125	825	166,100	248,050	171,050	53,075	879,175

2.3 Energy Consumption

Period	2. Oil/Petroleum (tons)						Total
	Households	Industry	Agriculture ³	Transport ⁴	Power	Other Govt.	
1971-72	380,991	267,942	287,157	1,116,175	99,597	630,586	2,782,448
1972-73	396,319	247,424	323,282	1,182,974	77,088	638,772	2,865,859
1973-74	451,728	220,087	236,959	1,258,694	202,974	588,117	2,958,559
1974-75	538,028	225,834	270,653	1,416,749	308,419	653,931	3,413,614
1975-76	495,871	194,569	249,719	1,536,446	156,851	608,667	3,242,123
1976-77	577,842	238,679	243,258	1,617,039	162,450	547,669	3,386,937
1977-78	629,141	224,027	264,172	1,907,840	34,936	540,389	3,600,505
1978-79	680,974	202,752	234,563	2,223,596	15,521	533,333	3,890,739
1979-80	625,861	227,606	252,712	2,291,922	50,490	702,774	4,151,365
1980-81	516,958	261,028	173,317	2,487,451	182,972	679,172	4,300,898
1981-82	543,720	303,886	124,235	2,745,302	442,063	688,047	4,847,253
1982-83	593,887	391,652	161,324	2,890,159	754,177	723,219	5,514,418
1983-84	678,897	689,038	173,254	3,066,952	766,274	725,780	6,100,195
1984-85	748,426	814,713	218,887	3,240,202	944,468	649,047	6,615,743
1985-86	800,449	945,977	242,599	3,410,276	1,003,928	653,553	7,056,782
1986-87	860,498	1,228,063	240,328	3,922,526	1,180,874	295,902	7,728,191
1987-88	859,415	1,224,939	330,407	4,185,965	1,598,749	329,103	8,528,578
1988-89	971,037	1,290,943	293,703	4,352,677	1,822,002	328,953	9,059,315
1989-90	1,116,896	1,297,018	286,921	4,683,595	2,188,552	399,475	9,972,457

2.3 Energy Consumption

Period	2. Oil/Petroleum (tons)						Total
	Households	Industry	Agriculture	Transport	Power	Other Govt.	
1990-91	944,256	1,147,698	265,229	4,841,362	2,434,136	328,592	9,961,273
1991-92	613,706	1,369,525	281,539	5,619,552	2,775,418	323,228	10,982,968
1992-93	622,075	1,479,935	287,181	6,107,416	3,158,124	357,115	12,011,846
1993-94	589,851	1,653,516	307,795	6,414,582	3,902,308	357,529	13,225,581
1994-95	585,173	1,889,443	268,631	6,646,175	4,215,635	355,110	13,960,167
1995-96	596,031	2,416,278	250,031	7,135,631	4,785,856	417,254	15,601,081
1996-97	509,738	2,141,065	268,866	7,172,269	5,110,233	403,795	15,605,966
1997-98	498,949	2,081,172	244,977	7,364,767	6,053,784	380,756	16,624,405
1998-99	492,768	2,139,889	249,229	7,864,063	5,525,669	376,133	16,647,751
1999-00	477,305	2,115,860	293,034	8,307,977	6,227,595	346,050	17,767,821
2000-01	450,960	1,924,048	254,833	8,157,893	6,487,988	372,176	17,647,898
2001-02	334,501	1,611,995	225,742	8,018,777	6,305,419	463,654	16,960,088
2002-03	282,521	1,604,068	196,747	8,082,273	6,019,958	266,387	16,451,954
2003-04	231,459	1,493,080	183,506	8,464,042	2,739,763	309,263	13,421,113
2004-05	192,750	1,542,398	142,062	9,024,783	3,452,581	316,686	14,671,260
2005-06	128,651	1,681,517	81,896	8,156,831	4,218,982	358,807	14,626,684
2006-07	106,148	1,595,981	97,232	7,981,893	6,740,559	325,318	16,847,131
2007-08	120,961	1,071,191	109,351	9,384,482	7,083,933	310,501	18,080,419
2008-09	97,332	969,193	69,793	8,837,197	7,570,418	367,266	17,911,199
2009-10	90,312	984,690	58,072	8,860,880	8,814,274	323,472	19,131,700
2010-11	85,449	1,355,443	40,597	8,892,268	8,138,956	373,794	18,886,507
2011-12	79,448	1,419,125	23,297	9,265,883	7,594,663	295,847	18,678,263
2012-13	97,847	1,379,096	31,828	9,817,546	7,749,007	317,805	19,393,129
2013-14 ^f	100,679	1,297,035	46,655	10,299,718	9,006,085	358,512	21,108,684
2014-15 ^g	87,233	847,811	33,339	7,813,640	6,790,964	254,523	15,827,510

2.3 Energy Consumption

Period	3. Electricity (GWH)							Total
	Traction	Household	Commercial	Industrial	Agricultural	Street Lights	Other Govt.	
1971-72		635	378	2,855	997	31	436	5,332
1972-73		740	416	3,017	1,170	37	624	6,004
1973-74		852	459	3,121	1,131	36	657	6,256
1974-75		943	503	3,094	1,631	40	610	6,721
1975-76		1,128	563	3,113	1,395	51	683	6,933
1976-77		1,296	636	3,091	1,399	63	582	7,067
1977-78		1,706	733	3,402	1,761	83	687	8,372
1978-79		2,091	675	3,573	1,805	102	731	8,977
1979-80		2,357	883	4,108	2,066	108	825	10,347
1980-81	44	2,696	954	4,526	2,135	137	893	11,384
1981-82	42	3,223	1,047	5,002	2,369	105	910	12,698
1982-83	44	3,752	1,049	5,572	2,559	109	1,065	14,150
1983-84	38	4,535	1,287	5,884	2,673	101	1,212	15,730
1984-85	37	5,076	1,413	6,249	2,798	105	1,906	17,584
1985-86	36	5,845	1,526	7,288	2,900	131	1,939	19,665
1986-87	38	6,806	1,713	8,012	3,471	146	1,511	21,697
1987-88	40	7,900	1,868	8,973	4,415	167	1,712	25,075
1988-89	35	8,660	1,921	9,416	4,379	187	2,189	26,787
1989-90	38	9,360	1,963	10,324	5,027	236	1,821	28,769

2.3 Energy Consumption

Period	3. Electricity (GWH)							Total
	Traction	Household	Commercial	Industrial	Agricultural	Street Lights	Other Govt.	
1990-91	33	10,409	2,072	11,229	5,620	-	2,171	31,534
1991-92	29	11,458	2,143	12,289	5,847	310	2,112	33,878
1992-93	27	13,170	2,333	13,043	5,635	297	1,987	36,492
1993-94	27	14,080	1,786	12,637	5,772	298	2,781	37,381
1994-95	22	15,579	1,941	12,528	6,251	324	2,976	39,621
1995-96	20	17,125	2,190	12,183	6,696	378	3,332	41,924
1996-97	18	17,757	2,241	11,982	7,086	390	3,440	42,914
1997-98	16	18,750	2,334	12,297	6,937	387	3,851	44,572
1998-99	15	19,394	2,409	12,061	5,620	224	3,573	43,296
1999-00	15	21,455	2,544	13,202	4,540	239	3,591	45,586
2000-01	13	22,765	2,774	14,349	4,924	213	3,547	48,585
2001-02	11	23,210	2,951	15,141	5,607	212	3,490	50,622
2002-03	10	23,624	3,218	16,181	6,016	244	3,363	52,656
2003-04	9	25,846	3,689	17,366	6,669	262	3,650	57,491
2004-05	12	27,601	4,080	18,591	6,988	305	3,750	61,327
2005-06	13	30,720	4,730	19,803	7,949	353	4,035	67,603
2006-07	12	33,335	5,363	21,066	8,176	387	4,373	72,712
2007-08	8	33,704	5,572	20,729	8,472	415	4,500	73,400
2008-09	5	32,282	5,252	19,330	8,795	430	4,277	70,371
2009-10	2	34,272	5,605	19,823	9,689	458	4,499	74,348
2010-11	1	35,885	5,782	21,207	8,971	456	4,797	77,099
2011-12	1	35,589	5,754	21,801	8,548	478	4,590	76,761
2012-13	-	36,116	6,007	22,313	7,697	457	4,199	76,789
2013-14 ^P	-	39,549	6,375	24,356	8,290	458	4,381	83,409
2014-15 ^S	-	30,040	4,755	18,445	5,985	331	3,290	62,846

2.3 Energy Consumption

Period	4. Coal (000 metric ton)					Total
	Household	Power	Brick Kilns	Cement ⁵	Other Govt.	
1971-72	33	57	1,171	-	50	1,310
1972-73	33	57	1,171	-	41	1,302
1973-74	33	57	1,064	-	36	1,190
1974-75	56	46	1,120	-	26	1,248
1975-76	41	40	974	-	10	1,065
1976-77	41	52	1,108	-	23	1,223
1977-78	39	25	1,186	-	15	1,265
1978-79	29	28	1,317	-	12	1,387
1979-80	26	19	1,512	-	12	1,569
1980-81	8	31	1,517	-	21	1,577
1981-82	23	2	1,715	-	10	1,750
1982-83	22	33	1,546	-	8	1,609
1983-84	22	24	1,811	-	13	1,914
1984-85	16	32	2,174	-	15	2,238
1985-86	14	26	2,148	-	14	2,202
1986-87	6	19	2,221	-	15	2,261
1987-88	20	21	2,705	-	4	2,750
1988-89	15	41	2,586	-	2	2,643
1989-90	7	40	3,096	-	-	3,143

2.3 Energy Consumption

Period	4. Coal (000 metric ton)					Total
	Household	Power	Brick Kilns	Cement	Other Govt.	
1990-91	4	25	3,026	-	-	3,054
1991-92	7	40	3,052	-	-	3,099
1992-93	3	47	3,217	-	-	3,267
1993-94	3	44	3,487	-	-	3,534
1994-95	3	41	2,999	-	-	3,043
1995-96	3	399	3,236	-	-	3,638
1996-97	10	352	3,191	-	-	3,553
1997-98	2	347	2,810	-	-	3,159
1998-99	1	415	3,045	-	-	3,461
1999-00	1	348	2,819	-	-	3,168
2000-01	1	206	2,838	1,000	-	4,045
2001-02	1	249	2,578	1,581	-	4,409
2002-03	1	204	2,607	2,078	-	4,890
2003-04	1	185	2,589	3,289	-	6,065
2004-05	-	180	3,907	3,807	-	7,894
2005-06	-	149	4,222	3,343	-	7,714
2006-07	1	164	3,278	4,451	-	7,894
2007-08	1	162	3,761	6,187	-	10,111
2008-09	1	113	3,275	5,002	-	8,390
2009-10	-	126	3,005	5,008	-	8,139
2010-11	-	97	3,004	4,617	-	7,717
2011-12	-	105	3,108	4,457	-	7,670
2012-13	-	63	2,696	4,130	-	6,889
2013-14 ^P	-	161	2,728	3,669	-	6,558
2014-15 ⁵	-	110	2,688	3,000	-	5,798

P: Provision * July-March

Source: Economic Survey of Pakistan

Note:

1. Excluding LPG
2. Compressed Natural Gas
3. Agricultural sector represents LDO only.
4. HSD consumption in agricultural sector is not available separately and is included under transport sector.
5. Includes use of imported coal by other industries