

ENERGY

HIGHLIGHTS	Units	Energy Supplies 2014-15
Production of Crude Oil	000 barrels	62,117
Production of Gas	mcf	1,465,760
Production of Coal	000 tons	2,500 *
Import of Coal	000 tons	5,004
Production of Electricity		
Hydel	MW	32,566
Thermal	MW	57,656
Nuclear	MW	4,995
Renewable	MW	1,818
Total Capacity	MW	97,478

* : July-March

TABLE 14.1

COMMERCIAL ENERGY CONSUMPTION

Fiscal Year	1. Oil/Petroleum (tons)						Total
	Households	Industry	Agriculture	Transport	Power	Other Govt.	
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	100,679	1,297,035	46,655	10,299,718	9,006,085	358,512	21,108,684
2014-15 P	89,017	1,300,151	37,197	11,371,283	8,995,231	365,471	22,158,350

P : Provisional

(Contd...)

Note : HSD consumption in agricultural sector is not available separately and is included under transport sector. Agricultural sector represents LDO only.

TABLE 14.1

COMMERCIAL ENERGY CONSUMPTION

Fiscal Year	2. Gas (mm cft)*							Transport CNG**	Total
	Households	Commercial	Cement	Fertilizer	Power	Industry			
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	269,135	38,117	522	216,518	349,535	259,032	87,634	1,220,493	
2014-15 P	270,135	35,040	730	221,190	352,955	234,695	66,430	1,181,505	

P : Provisional

(Contd...)

* : Excluding LPG

** : Compressed Natural Gas

TABLE 14.1

COMMERCIAL ENERGY CONSUMPTION

Fiscal Year	3. Electricity (Gwh)								4. Coal (000 metric ton)					
	Trac-tion	House-hold	Comm-ercial	Indus-trial	Agricul-tural	Street Lights	Other Govt.	Total	House-hold	Power	Brick Kilns	Cement *	Other Govt.	Total
2000-01	13	22,765	2,774	14,349	4,924	213	3,547	48,585	1.0	205.8	2,837.9	1,000.0	-	4044.7
2001-02	11	23,210	2,951	15,141	5,607	212	3,490	50,622	1.1	249.4	2,577.5	1,580.6	-	4408.6
2002-03	10	23,624	3,218	16,181	6,016	244	3,363	52,656	1.1	203.6	2,607.0	2,078.2	-	4,889.9
2003-04	9	25,846	3,689	17,366	6,669	262	3,650	57,491	1.0	184.9	2,589.4	3,289.2	-	6,064.5
2004-05	12	27,601	4,080	18,591	6,988	305	3,750	61,327	-	179.9	3,906.7	3,807.2	-	7,893.8
2005-06	13	30,720	4,730	19,803	7,949	353	4,035	67,603	-	149.3	4,221.8	3,342.8	-	7,714.0
2006-07	12	33,335	5,363	21,066	8,176	387	4,373	72,712	1.0	164.4	3,277.5	4,451.2	-	7,894.1
2007-08	8	33,704	5,572	20,729	8,472	415	4,500	73,400	1.0	162.0	3,760.7	6,186.9	-	10,110.6
2008-09	5	32,282	5,252	19,330	8,795	430	4,277	70,371	0.8	112.5	3,274.8	5,001.8	-	8,389.9
2009-10	2	34,272	5,605	19,823	9,689	458	4,499	74,348	-	125.5	3,005.2	5,007.8	-	8,138.5
2010-11	1	35,885	5,782	21,207	8,971	456	4,797	77,099	-	96.5	3,003.6	4,617.1	-	7,717.1
2011-12	1	35,589	5,754	21,801	8,548	478	4,590	76,761	-	104.6	3,108.2	4,456.9	-	7,669.7
2012-13	-	36,116	6,007	22,313	7,697	457	4,199	76,789	-	63.0	2,696.0	4,129.9	-	6,889.0
2013-14	-	39,549	6,375	24,356	8,290	458	4,381	83,409	-	160.7	2,727.6	3,669.2	-	6,557.5
2014-15 P	-	40,761	6,442	24,928	8,033	441	4,376	84,982	-	110.0	2,688.0	3,000.0	-	5,798.0 E

P : Provisional - : Not available

E : Coal Consumption is available for July-March FY 15

* : Includes use of imported coal by other industries

Source: Ministry of Petroleum & Natural Resources
Hydrocarbon Development Institute of Pakistan (HDIP)
Ministry of Water and Power

TABLE 14.2

COMMERCIAL ENERGY SUPPLIES (ELECTRICITY)

Fiscal Year	Installed Capacity MW	Generation GW/h	Hydroelectric		Thermal		Nuclear		Renewable		Imported (GW/h)
			Installed Capacity (MW)	Generation (GW/h)	Installed Capacity (MW)	Generation (GW/h)	Installed Capacity (MW)	Generation (GW/h)	Installed Capacity (MW)	Generation (GW/h)	
2000-01	17,498	68,117	4,867	17,194	12,169	48,926	462	1,997	-	-	-
2001-02	17,799	72,406	5,051	18,941	12,286	51,174	462	2,291	-	-	-
2002-03	17,798	75,682	5,051	22,351	12,285	51,591	462	1,740	-	-	-
2003-04	19,257	80,826	6,496	26,944	12,299	52,122	462	1,760	-	-	-
2004-05	19,384	85,737	6,499	25,671	12,423	57,162	462	2,795	-	-	109
2005-06	19,450	93,775	6,499	30,862	12,489	60,283	462	2,484	-	-	146
2006-07	19,419	98,384	6,479	31,953	12,478	63,972	462	2,288	-	-	171
2007-08	19,420	95,860	6,480	28,707	12,478	63,877	462	3,077	-	-	199
2008-09	19,785	91,843	6,481	27,784	12,842	62,214	462	1,618	-	-	227
2009-10	20,921	95,607	6,481	28,093	13,978	64,371	462	2,894	-	-	249
2010-11	22,477	94,653	6,481	31,811	15,209	59,153	787	3,420	-	-	269
2011-12	22,728	90,670	6,557	28,542	15,384	56,586	787	5,266	-	-	276
2012-13	22,812	96,496	6,773	29,857	15,289	61,711	750	4,553	-	-	375
2013-14	23,530	104,089	6,893	31,873	15,887	66,707	750	5,090	-	-	419
2014-15	22,745	97,478	7,115	32,566 *	14,432	57,656 #	650	4,995	548	1,818	443

P : Provisional

(a) MW: Mega Watt

(b) GWh: Giga Watt hour

*: Hydel generation from AJKHEB is not available.

Source: Ministry of Water and Power

Hydrocarbon Development Institute of Pakistan (HDIP)

Note : Reduction in installed capacity in comparison with previous year is due to detachment of certain generating units in GENCOs and reduction in capacity provided by SPPs

TABLE 14.3

COMMERCIAL ENERGY SUPPLIES (OIL, GAS, PETROLEUM, COAL)

Fiscal Year	Oil		Gas mcf	Petroleum Products		Coal	
	Crude Oil Imports 000 barrels	Local Crude Extraction 000 barrels		Imports 000 tons	Production 000 tons	Imports 000 tons	Production 000 tons
2000-01	52,505	21,084	857,433	10,029	8,337	950	3,095
2001-02	51,982	23,195	923,758	9,023	9,028	1,081	3,328
2002-03	52,512	23,458	992,589	8,437	9,084	1,578	3,312
2003-04	57,699	22,625	1,202,750	5,170	9,740	2,789	3,275
2004-05	61,161	24,119	1,344,953	5,676	10,474	3,307	4,587
2005-06	63,546	23,936	1,400,026	6,009	10,498	2,843	4,871
2006-07	60,694	24,615	1,413,581	8,330	10,314	4,251	3,643
2007-08	64,912	25,603	1,454,194	9,025	10,754	5,987	4,124
2008-09	62,115	24,033	1,460,679	9,974	9,828	4,652	3,738
2009-10	53,081	23,706	1,482,847	11,178	8,996	4,658	3,481
2010-11	51,306	24,041	1,471,591	12,371	8,911	4,267	3,450
2011-12	47,104	24,573	1,558,959	11,507	8,845	4,057	3,613
2012-13	57,037	27,841	1,505,841	10,489	10,380	3,710	3,179
2013-14	61,933	31,585	1,493,508	11,523	11,386	3,119	3,438
2014-15 P	62,117	34,490	1,465,760	9,174 *	11,193 *	5,004	2,500 *
P : Provisional		E : Estimated		Source: Ministry of Petroleum & Natural Resources			
* : Available for July-March FY 15				Hydrocarbon Development Institute of Pakistan (HDIP)			

TABLE 14.4

SCHEDULE OF ELECTRICITY TARIFFS

Tariff Category/Particulars	Fixed Charges Rs./kw/M	Variable Charges - Effective 16-05-2012										Tariff Notified	
		LESCO	GEPCO	FESCO	IESCO	MEPCO	HESCO	SEPCO	QESCO	PESCO	Fixed Charge Rs./kw/M	Variable Charge Rs./kw/H	
Residential A-1													
a) For Sanctioned load less than 5 kW													
Upto 50 Units per month	-	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	-	2.00	
Consumption Exceeding 50 Units													
1-100 Units	-	9.27	9.50	9.60	8.70	10.00	10.00	11.13	10.00	11.15	-	5.79	
101-300 Units	-	10.50	13.55	13.00	10.20	14.50	15.00	15.00	13.20	15.50	-	8.11	
301-700 Units	-	13.50	15.50	15.50	14.00	16.40	17.00	17.00	14.30	17.50	-	12.33	
Above 700 Units	-	15.50	16.50	16.50	16.50	18.00	19.00	19.00	16.50	19.50	-	15.07	
b) For Sanctioned load 5kW & above													
Time of Use TOU - Peak	-	15.00	15.00	15.00	15.50	17.00	19.00	19.00	16.00	19.50	-	13.99	
Time of Use TOU - Off- Peak	-	9.50	9.50	9.50	9.10	10.00	11.00	11.50	9.00	11.50	-	8.22	
Commercial - A2													
(a) For Sanctioned load less than 5 kW	-	15.00	17.50	17.00	16.50	18.50	16.00	16.00	17.00	19.50	-	14.77	
(b) For Sanctioned load exceeding 5 kW													
Regular	400.00	14.50	14.50	14.50	11.00	16.00	15.00	15.00	15.00	17.00	400.00	9.72	
Time of Use (TOU) - Peak	400.00	15.00	15.00	15.00	15.00	17.00	19.00	19.00	16.50	19.50	400.00	13.20	
Time of Use (TOU) - Off-Peak	400.00	9.50	9.50	9.50	9.30	10.00	11.00	11.50	8.00	11.50	400.00	8.00	
INDUSTRIAL													
B-1 (a) upto 25 KW (at 400/230 volts)	-	11.50	12.00	12.00	11.70	13.00	14.00	14.00	11.50	15.50	-	10.51	
B-1 (b) upto 25 KW - TOU (Peak)	-	15.00	15.00	15.00	15.50	17.00	19.00	19.00	16.00	19.50	-	13.99	
B-1 (b) upto 25 KW - TOU (Off-Peak)	-	9.50	9.50	9.50	9.10	10.00	11.00	11.50	9.00	11.50	-	8.22	
B-2 (a) exceeding 25-500 KW (at 400 Volts)	400.00	10.00	10.50	11.00	10.30	11.50	13.00	13.00	10.50	14.50	400.00	9.14	
B-2 (b) exceeding 25-500 KW - TOU (Peak)	400.00	15.00	15.00	15.00	14.30	16.00	19.00	19.00	16.60	19.50	400.00	12.77	
B-2 (b) exceeding 25-500 KW - TOU (Off-Peak)	400.00	9.30	9.30	9.30	9.00	9.70	10.50	11.00	8.60	11.40	400.00	8.01	
B-3 - For all Loads up to 5000 KW (at 11/33kv TOU (Peak)	380.00	14.70	14.70	14.70	14.10	15.70	19.00	19.00	16.50	19.50	380.00	12.68	
B-3 - For all Loads up to 5000 KW (at 11/33kv TOU (Off-Peak)	380.00	9.20	9.20	9.20	8.90	9.60	10.25	10.50	8.40	11.30	380.00	7.75	
B-4 For all loads (at 66.132 KV & above) - TOU (Peak)	360.00	14.50	14.50	14.50	13.90	15.50	19.00	19.00	16.40	19.50	360.00	12.37	
B-4 For all loads (at 66.132 KV & above) - TOU (Off-Peak)	360.00	9.10	9.10	9.10	8.80	9.50	10.00	10.25	8.20	11.20	360.00	7.46	
Single Point Supply for further distribution													
C1 (a) For Supply at 400/230 Volts - Sanctioned Load Less Than 5 KW		12.00	13.00	13.00	12.50	14.00	14.50	14.50	11.50	16.50	-	11.50	
C1 (b) For Supply at 400/230 Volts - Sanctioned Load 5 KW & up to 500 KW	400.00	11.00	11.50	11.50	11.50	12.50	13.50	13.50	10.50	15.50	400.00	10.35	
C1 (c) For Supply at 400/230 Volts - Sanctioned Load 5 KW & up to 500 KW TOU (Peak)	400.00	15.00	15.00	15.00	14.30	16.00	19.00	19.00	16.60	19.50	400.00	13.01	
C1 (c) For Supply at 400/230 Volts - Sanctioned Load 5 KW & up to 500 KW TOU (Off-Peak)	400.00	9.30	9.30	9.30	9.00	9.70	10.50	11.00	8.60	11.40	400.00	8.01	
C2 (a) For Supply at 11,33 kV load upto and including 5000 kW	380.00	11.00	11.40	11.40	11.30	12.40	13.25	13.25	10.40	15.25	380.00	10.25	
C2 (b) For Supply at 11,33 kV upto and including 5000 kW-TOU (Peak)	380.00	14.70	14.70	14.70	14.10	15.70	19.00	19.00	16.50	19.50	380.00	12.60	
C2 (b) For Supply at 11,33 kV upto and including 5000 kW-TOU (Off-Peak)	380.00	9.20	9.20	9.2	8.90	9.60	10.25	10.50	8.40	11.30	380.00	7.75	
C3 (a) For Supply at 66 kV & above and sanctioned load above 5000 kW	360.00	11.00	11.30	11.30	11.10	12.30	13.00	13.00	10.30	15.00	360.00	10.10	
C3 (b) For Supply at 66 kV & above and sanctioned load above 5000 kW-TOU (Peak)	360.00	14.50	14.50	14.50	13.90	15.50	19.00	19.00	16.40	19.50	360.00	12.18	
C3 (b) For Supply at 66 kV & above and sanctioned load above 5000 kW-TOU (Off-Peak)	360.00	9.10	9.10	9.10	8.80	9.50	10.00	10.25	8.20	11.20	360.00	7.35	
D- AGRICULTURAL TUBE-WELLS -TARIFF													
D-1(a) SCARP less than 5 kW	-	10.00	11.00	11.00	11.20	12.00	14.00	14.00	13.00	14.30	-	10.00	
D-2 Agricultural Tube-Wells (Punjab & Sindh)	200.00	8.00	9.50	9.50	8.00	10.00	10.10	10.50	-	-	120.00	6.77	
D-2 Agricultural Tube-Wells (KPK & Baluchistan)	200.00								11.50	13.30	120.00	6.77	
D 1(b) SCRAP & Agriculture 5 KW & above -TOU (Peak)	200.00	14.50	14.50	14.50	13.00	15.50	19.00	19.00	16.50	19.50	200.00	13.00	
D 1(b) SCRAP & Agriculture 5 KW & above -TOU (Off-Peak)	200.00	9.10	9.10	9.10	8.00	9.50	8.00	8.00	8.00	11.00	200.00	8.00	
Public Lightening - Tariff - G													
Housing Colonies attached to Industrial premises -H	-	14.50	15.00	15.00	15.00	15.50	16.50	16.50	14.00	16.40	-	13.73	
	-	13.50	14.25	14.00	14.00	15.00	16.50	16.50	14.00	16.40	-	12.92	
Railway Traction - Tariff - I													
	-	12.50	-	-	-	11.00	-	-	-	-	-	11.00	
AJK Tariff - K	360.00	-	13.00	-	9.60	-	-	-	-	13.50	360.00	5.63	
Time of Use - (TOU) Peak	360.00	-	14.50	-	15.00	-	-	-	-	19.50	360.00	13.30	
Time of Use - (TOU) Off Peak	360.00	-	9.10	-	9.00	-	-	-	-	11.00	360.00	7.92	
Rawat Laboratory	-	-	-	-	11.50	-	-	-	-	-	-	11.50	

Source: WAPDA

TABLE 14.4

SCHEDULE OF ELECTRICITY TARIFFS

Tariff Category / Particulars	Fixed Charges Rs./kW/M	Variable Charges w.e.f 01-10-2013									GOP Applicable Rate
		IESCO	GEPCO	LESCO	FESCO	MEPCO	PESCO	HESCO	SEPCO	QESCO	
Residential											
Up to 50 Units		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00
Load up to 5 kW											
01-100 Units		11.00	12.10	11.09	12.57	13.50	15.00	15.00	15.00	11.00	5.79
101-200 Units											8.11
101-300 Units		15.00	15.00	14.00	15.50	15.65	16.50	17.24	16.00	14.00	12.09
301-700 Units		17.00	17.00	17.00	17.50	17.65	18.50	18.50	17.00	16.00	16.00
Above 700 Units		18.00	19.00	18.00	19.50	19.50	20.50	20.50	20.00	18.00	18.00
Load Exceeding 5 kW											
Time of Use (TOU) - Peak		18.00	19.00	18.00	19.50	19.50	20.50	20.50	20.00	18.00	18.00
Time of Use (TOU) - Off-Peak		12.50	12.50	12.50	12.90	14.00	15.50	15.50	15.50	12.50	12.50
Total Residential		-	-	-	-	-	-	-	-	-	-
Commercial - A2											
Load up to 5 kW		18.00	18.00	18.00	19.50	19.50	20.50	20.50	20.00	18.00	18.00
Load Exceeding 5 kW											
Regular	400.00	16.00	16.00	16.00	16.00	16.00	19.00	19.00	19.00	16.00	16.00
Time of Use (TOU) - Peak		18.00	19.00	18.00	19.50	19.50	20.50	20.50	20.00	18.00	18.00
Time of Use (TOU) - Off-Peak	400.00	12.50	12.50	12.50	12.90	14.00	15.50	15.50	15.50	12.50	12.50
Total Commercial		-	-	-	-	-	-	-	-	-	-
Industrial											
B1		14.50	15.50	14.50	15.50	15.50	17.00	17.00	17.00	14.50	14.50
B1 Peak		18.00	19.00	18.00	19.50	19.50	20.50	20.50	20.00	18.00	18.00
B1 Off Peak		12.50	12.50	12.50	12.90	14.00	15.50	15.50	15.50	12.50	12.50
B2	400.00	14.00	15.00	14.00	15.00	15.00	16.50	16.50	16.50	14.00	14.00
B2 - TOU (Peak)		18.00	19.00	18.00	19.50	19.50	20.50	20.50	20.00	18.00	18.00
B2 - TOU (Off-peak)	400.00	12.30	12.30	12.30	12.70	13.80	15.30	15.30	15.30	12.30	12.30
B3 - TOU (Peak)		18.00	19.00	18.00	19.50	19.50	20.50	20.50	20.00	18.00	18.00
B3 - TOU (Off-peak)	380.00	12.20	12.20	12.20	12.60	13.70	15.20	15.20	15.20	12.20	12.20
B4 - TOU (Peak)		18.00	19.00	18.00	19.50	19.50	20.50	20.50	20.00	18.00	18.00
B4 - TOU (Off-peak)	360.00	12.10	12.10	12.10	12.50	13.60	15.10	15.10	15.10	12.10	12.10
Total Industrial		-	-	-	-	-	-	-	-	-	-
Bulk Supply											
C1(a) Supply at 400 Volts- up to 5 kW		15.00	15.00	15.00	15.00	15.00	17.50	17.50	17.50	15.00	15.00
C1(b) Supply at 400 Volts-exceeding 5	400.00	14.50	14.50	14.50	14.50	14.50	16.50	16.50	16.50	14.50	14.50
Time of Use (TOU) - Peak		18.00	19.00	18.00	19.50	19.50	20.50	20.50	20.00	18.00	18.00
Time of Use (TOU) - Off-Peak	400.00	12.50	12.50	12.50	12.90	14.00	15.50	15.50	15.50	12.50	12.50
C2 Supply at 11 kV	380.00	14.30	14.40	14.30	14.40	14.40	16.30	16.30	16.30	14.30	14.30
Time of Use (TOU) - Peak		18.00	19.00	18.00	19.50	19.50	20.50	20.50	20.00	18.00	18.00
Time of Use (TOU) - Off-Peak	380.00	12.30	12.30	12.30	12.80	13.90	15.40	15.40	15.40	12.30	12.30
C3 Supply above 11 kV	360.00	14.20	14.30	14.20	14.30	14.30	16.20	16.20	16.20	14.20	14.20
Time of Use (TOU) - Peak		18.00	19.00	18.00	19.50	19.50	20.50	20.50	20.00	18.00	18.00
Time of Use (TOU) - Off-Peak	360.00	12.20	12.20	12.20	12.70	13.80	15.30	15.30	15.30	12.20	12.20
Total Bulk Supply		-	-	-	-	-	-	-	-	-	-
Agricultural											
Scarp		14.50	15.50	14.50	15.50	15.50	17.00	17.00	17.00	13.01	13.01
Agricultural Tube-wells	200.00	14.00	15.00	14.00	15.00	15.00	16.50	16.50	16.50	11.51	10.35
Time of Use (TOU) - Peak		18.00	19.00	18.00	19.50	19.50	20.50	20.50	20.00	17.00	10.35
Time of Use (TOU) - Off-Peak	200.00	12.20	12.20	12.20	12.70	13.80	15.30	15.30	15.30	10.00	10.35
Total Agricultural		-	-	-	-	-	-	-	-	-	-
Public Lighting		15.00	15.00	15.00	16.00	16.00	15.85	17.00	15.90	15.00	15.00
Resid. Colon.att. to ind		15.00	15.00	15.00	16.00	16.00	15.00	17.00	15.90	15.00	15.00
Railway Traction				15.00		16.00					15.00
Special Contracts - AJK	360.00	12.22	13.33				16.16				12.22
Time of Use (TOU) - Peak		18.00	19.00				20.50				18.00
Time of Use (TOU) - Off-Peak	360.00	12.20	12.20				15.30				12.20
Special Contracts - Rawat Lab.		15.00									15.00

Source: WAPDA

TABLE 14.4
SCHEDULE OF ELECTRICITY TARIFFS

DESCRIPTION	Fixed Charge Rs./kW/M.	Variable Charge w.e.f 11-10-2014										GOP Applicable Rate
		IESCO	GEPCO	LESCO	FESCO	MEPCO	PESCO	HESCO	QESCO	SEPCO	TESCO	
Residential												
Up to 50 Units		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00
Load up to 5 kW												
01-100 Units		10.50	13.26	10.00	11.09	13.00	13.00	11.06	10.50	10.50	12.70	5.79
101-200 Units		12.50	16.90	12.33	14.00	16.90	16.24	12.50	12.50	12.50	14.50	8.11
101-300 Units		12.50	16.90	12.33	14.00	16.90	16.24	12.50	12.50	12.50	14.50	12.09
301-700Units		15.00	17.90	15.00	15.00	17.90	17.90	15.50	15.00	15.50	16.50	15.00
Above 700 Units		17.50	19.00	17.50	17.50	19.00	19.00	17.50	17.50	17.50	17.50	17.50
Load Exceeding 5 kW												
Time of Use (TOU) - Peak		17.50	19.00	17.50	17.50	19.00	19.00	17.50	17.50	17.50	17.50	17.50
Time of Use (TOU) - Off-Peak		11.50	13.50	11.50	11.50	13.30	13.30	11.50	11.50	11.50	11.50	11.50
Total Residential												
Commercial - A2												
Load up to 5 kW		17.50	19.00	17.50	17.50	19.00	19.00	17.50	17.50	17.50	17.50	17.50
Load Exceeding 5 kW												
Regular	400.00	15.00	16.00	15.00	15.00	16.00	16.00	15.00	15.00	15.00	15.00	15.00
Time of Use (TOU) - Peak		17.50	19.00	17.50	17.50	19.00	19.00	17.50	17.50	17.50	17.50	17.50
Time of Use (TOU) - Off-Peak	400.00	11.50	13.50	11.50	11.50	13.30	13.30	11.50	11.50	11.50	11.50	11.50
Total Commercial												
Industrial												
B1		14.50	15.50	14.50	14.50	15.50	15.50	14.50	14.50	14.50	14.50	14.50
B1 Peak		17.50	19.00	17.50	17.50	19.00	19.00	17.50	17.50	17.50	17.50	17.50
B1 Off Peak		11.50	13.50	11.50	11.50	13.30	13.30	11.50	11.50	11.50	11.50	11.50
B2	400.00	14.00	15.00	14.00	14.00	15.00	15.00	14.00	14.00	14.00	14.00	14.00
B2 - TOU (Peak)		17.50	19.00	17.50	17.50	19.00	19.00	17.50	17.50	17.50	17.50	17.50
B2 - TOU (Off-peak)	400.00	11.30	13.30	11.30	11.30	13.10	13.10	11.30	11.30	11.30	11.30	11.30
B3 - TOU (Peak)		17.50	19.00	17.50	17.50	19.00	19.00	17.50	17.50	17.50	17.50	17.50
B3 - TOU (Off-peak)	380.00	11.20	13.20	11.20	11.20	13.00	13.00	11.20	11.20	11.20	11.20	11.20
B4 - TOU (Peak)		17.50	19.00	17.50	17.50	19.00	19.00	17.50	17.50	17.50	17.50	17.50
B4 - TOU (Off-peak)	360.00	11.10	13.10	11.10	11.10	12.90	12.90	11.10	11.10	11.10	11.10	11.10
Total Industrial												
Bulk Supply												
C1(a) Supply at 400 Volts- up to 5 kW		15.00	16.00	15.00	15.00	16.00	16.00	15.00	15.00	15.00	15.00	15.00
C1(b) Supply at 400 Volts-exceeding 5 kW												
	400.00	14.50	15.50	14.50	14.50	15.50	15.50	14.50	14.50	14.50	14.50	14.50
Time of Use (TOU) - Peak		17.50	19.00	17.50	17.50	19.00	19.00	17.50	17.50	17.50	17.50	17.50
Time of Use (TOU) - Off-Peak	400.00	11.50	13.50	11.50	11.50	13.30	13.30	11.50	11.50	11.50	11.50	11.50
C2 Supply at 11 kV	380.00	14.30	15.30	14.30	14.30	15.30	15.30	14.30	14.30	14.30	14.30	14.30
Time of Use (TOU) - Peak		17.50	19.00	17.50	17.50	19.00	19.00	17.50	17.50	17.50	17.50	17.50
Time of Use (TOU) - Off-Peak	380.00	11.30	13.30	11.30	11.30	13.10	13.10	11.30	11.30	11.30	11.30	11.30
C3 Supply above 11 kV	360.00	14.20	15.20	14.20	14.20	15.20	15.20	14.20	14.20	14.20	14.20	14.20
Time of Use (TOU) - Peak		17.50	19.00	17.50	17.50	19.00	19.00	17.50	17.50	17.50	17.50	17.50
Time of Use (TOU) - Off-Peak	360.00	11.20	13.20	11.20	11.20	13.00	13.00	11.20	11.20	11.20	11.20	11.20
Total Bulk Supply												
Agricultural												
Scarp		14.50	15.50	14.50	14.50	15.50	15.50	14.50	14.00	13.60	13.50	13.01
Time of Use (TOU) - Peak		17.50	19.00	17.50	17.50	19.00	19.00	17.50	17.50	17.50	17.50	10.35
Time of Use (TOU) - Off-Peak	200.00	11.20	13.20	11.20	11.20	13.00	13.00	11.20	11.20	11.20	11.20	10.35
Agricultural Tube-wells	200.00	14.00	15.00	14.00	14.00	15.00	15.00	14.00	13.61	13.00	12.97	11.51
Time of Use (TOU) - Peak		17.50	19.00	17.50	17.50	19.00	19.00	17.50	17.50	17.50	17.50	
Time of Use (TOU) - Off-Peak	200.00	11.20	13.20	11.20	11.20	13.00	13.00	11.20	11.20	11.20	11.20	
Total Agricultural												
Public Lighting		15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
Resid. Colon.att. to ind		15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
Railway Traction				15.00		15.00						15.00
Special Contracts - AJK	360.00	14.38	15.00				14.38					12.22
Time of Use (TOU) - Peak		17.50	19.00				19.00					17.50
Time of Use (TOU) - Off-Peak	360.00	11.20	13.20				13.00					11.20
Special Contracts - Rawat Lab.		15.00										15.00

Source: WAPDA

TABLE 14.4
SCHEDULE OF ELECTRICITY TARIFFS

DESCRIPTION	Fixed Charge Rs./kW/M.	Variable Charge w.e.f 10-06-2015										GOP Applicable Rate
		IESCO	GEPCO	LESCO	FESCO	MEPCO	PESCO	HESCO	QESCO	SEPCO	TESCO	
Residential												
Up to 50 Units		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	2.00
Load up to 5 kW												
01-100 Units		9.00	11.82	9.25	9.00	9.52	12.50	9.79	12.50	11.00	14.30	5.79
101-200 Units		11.00	14.00	11.00	10.20	12.00	16.50	14.00	15.00	13.52	17.30	8.11
201-300 Units		11.00	14.00	11.00	10.20	12.00	16.50	14.00	15.00	13.52	17.30	10.20
301-700 Units		13.00	17.00	13.33	14.00	15.00	17.90	15.00	17.00	16.00	18.00	16.00
Above 700 Units		15.00	19.00	15.00	16.00	16.00	19.00	16.00	19.00	19.00	19.00	18.00
Load Exceeding 5 kW												
Time of Use (TOU) - Peak		15.00	19.00	15.00	16.00	16.00	19.00	16.00	19.00	19.00	19.00	18.00
Time of Use (TOU) - Off-Peak		9.25	13.00	9.50	10.00	10.50	13.30	10.20	13.00	13.00	14.50	12.50
Total Residential												
Commercial - A2												
Load up to 5 kW		15.00	19.00	16.00	15.00	16.00	19.00	15.00	19.00	19.00	19.00	18.00
Load Exceeding 5 kW												
Regular	400.00	12.00	15.00	12.00	14.50	14.00	15.00	13.00	15.00	15.00	17.00	16.00
Time of Use (TOU) - Peak		15.00	19.00	15.00	16.00	16.00	19.00	16.00	19.00	19.00	19.00	18.00
Time of Use (TOU) - Off-Peak	400.00	9.25	13.00	9.50	10.00	10.50	13.30	10.20	13.00	13.00	14.50	12.50
Total Commercial												
Industrial												
B1		12.00	14.50	12.00	13.00	13.50	14.50	12.50	14.50	14.50	15.00	14.50
B1 Peak		15.00	19.00	15.00	16.00	16.00	19.00	16.00	19.00	19.00	19.00	18.00
B1 Off Peak		9.25	13.00	9.50	10.00	10.50	13.30	10.20	13.00	13.00	14.50	12.50
B2	400.00	11.50	14.00	11.50	12.50	13.00	14.00	12.00	14.00	14.00	14.50	14.00
B2 - TOU (Peak)		15.00	19.00	15.00	16.00	16.00	19.00	16.00	19.00	19.00	19.00	18.00
B2 - TOU (Off-peak)	400.00	9.05	12.80	9.30	9.60	10.30	13.10	10.00	12.80	12.80	14.30	12.29
B3 - TOU (Peak)		15.00	19.00	15.00	16.00	16.00	19.00	16.00	19.00	19.00	19.00	18.00
B3 - TOU (Off-peak)	380.00	8.85	12.70	9.10	9.50	10.20	13.00	9.80	12.70	12.70	14.20	12.20
B4 - TOU (Peak)		15.00	19.00	15.00	16.00	16.00	19.00	16.00	19.00	19.00	19.00	18.00
B4 - TOU (Off-peak)	360.00	8.75	12.60	9.00	9.40	10.10	12.90	9.70	12.60	12.60	14.10	12.10
Total Industrial												
Bulk Supply												
C1(a) Supply at 400 Volts- up to 5 kW		12.50	15.00	12.50	13.50	14.00	15.00	13.00	15.00	15.00	15.50	15.00
C1(b) Supply at 400 Volts-exceeding 5 kW	400.00	12.00	14.50	12.00	13.00	13.50	14.50	12.50	14.50	14.50	15.00	14.50
Time of Use (TOU) - Peak		15.00	19.00	15.00	16.00	16.00	19.00	16.00	19.00	19.00	19.00	18.00
Time of Use (TOU) - Off-Peak	400.00	9.25	13.00	9.50	10.00	10.50	13.30	10.20	13.00	13.00	14.50	12.50
C2 Supply at 11 kV	380.00	11.80	14.30	11.80	12.80	13.30	15.30	12.30	14.30	14.30	14.80	14.30
Time of Use (TOU) - Peak		15.00	19.00	15.00	16.00	16.00	19.00	16.00	19.00	19.00	19.00	18.00
Time of Use (TOU) - Off-Peak	380.00	9.05	12.80	9.30	9.60	10.30	13.10	10.00	12.80	12.80	14.30	12.30
C3 Supply above 11 kV	360.00	11.70	14.20	11.70	12.70	13.20	15.20	12.20	14.20	14.20	14.70	14.20
Time of Use (TOU) - Peak		15.00	19.00	15.00	16.00	16.00	19.00	16.00	19.00	19.00	19.00	18.00
Time of Use (TOU) - Off-Peak	360.00	8.85	12.70	9.10	9.50	10.20	13.00	9.80	12.70	12.70	14.20	12.20
Total Bulk Supply												
Agricultural												
Scarp		12.00	14.50	12.00	13.00	13.50	15.50	12.50	15.20	15.50	15.00	12.00
Time of Use (TOU) - Peak		15.00	19.00	15.00	16.00	16.00	19.00	16.00	19.00	19.00	19.00	15.00
Time of Use (TOU) - Off-Peak	200.00	8.85	12.70	9.10	9.50	10.20	13.00	9.80	12.70	12.70	14.20	8.85
Agricultural Tube-wells	200.00	11.50	14.00	11.50	12.50	13.00	15.00	12.00	14.70	15.00	14.50	11.50
Time of Use (TOU) - Peak		15.00	19.00	15.00	16.00	16.00	19.00	16.00	19.00	19.00	19.00	10.35
Time of Use (TOU) - Off-Peak	200.00	8.85	12.70	9.10	9.50	10.20	13.00	9.80	12.70	12.70	14.20	8.85
Total Agricultural												
Public Lighting		14.00	14.00	14.00	14.00	14.00	15.00	14.00	14.00	14.00	15.00	15.00
Resid. Colon.att. to ind		14.00	14.00	14.00	14.00	14.00	15.00	14.00	14.00	14.00	15.00	15.00
Railway Traction				14.00		14.00						15.00
Special Contracts - AJK	360.00	11.24	14.00				14.38					12.22
Time of Use (TOU) - Peak		15.00	19.00				19.00					18.00
Time of Use (TOU) - Off-Peak	360.00	8.85	12.70				13.00					12.20
Special Contracts - Rawat Lab.		14.00										15.00

Source: WAPDA

TABLE 14.5

OIL SALE PRICES

	Rs/Ltrs					
Date	22-11-2012	22-12-2012	22-01-2013	01-03-2013	04-03-2013	01-07-2013
EX-NRL/PRL KARACHI						
Motor Gasoline	102.65	101.42	103.07	106.60	103.07	69.40
HOBC (Automotive 100 Octane)	-	-	-	-	-	87.68
Super (90 Octane) Blend of Motor Gasoline @ 60% and HOBC 40%)						
Kerosene	99.03	98.81	99.90	103.69	99.90	72.28
HSD	109.77	110.13	109.21	113.56	109.21	78.49
LDO	93.89	94.34	94.33	98.26	94.78	71.47
Aviation gasoline (100LL)						
JP-1:						
i) For sale to PIA Domestic Flight	88.22	88.04	89.24	93.52	93.52	72.54
ii) For sale to PIA foreign flights & foreign airline						
iii) For Cargo & Technical Landing Flights						
JP-4	-	-	-	-	-	-
JP-8	87.90	87.72	88.80	93.21	93.21	72.28

- : Not available

Source: Hydrocarbon Development Institute of Pakistan (HDIP)

TABLE 14.5

OIL SALE PRICES

	Rs/Ltrs					
Date	01-08-2013	01-09-2013	01-10-2013	01-11-2013	01-12-2013	01-01-2014
EX-NRL/PRL KARACHI						
Motor Gasoline	71.74	75.52	80.05	77.82	78.26	80.83
HOBC (Automotive 100 Octane)	92.52	97.47	102.19	99.84	104.30	107.38
Super (90 Octane) Blend of Motor Gasoline @ 60% and HOBC 40%)						
Kerosene	76.54	80.30	82.11	82.05	82.98	85.31
HSD	82.33	85.27	87.54	81.40	82.36	84.43
LDO	74.84	76.99	78.75	79.48	80.13	81.63
Aviation gasoline (100LL)						
JP-1:	76.80	80.57	82.39	82.33	83.26	-
i) For sale to PIA Domestic Flight						
ii) For sale to PIA foreign flights & foreign airline						
iii) For Cargo & Technical Landing Flights						
JP-4						
JP-8	76.54	80.30	82.11	82.05	82.98	-

- : Not available

Source: Hydrocarbon Development Institute of Pakistan (HDIP)

TABLE 14.5

OIL SALE PRICES

	Rs/Ltrs				
Date	01-02-2014	02-03-2014	01-04-2014	01-05-2014	01-06-2014
EX-NRL/PRL KARACHI					
Motor Gasoline	78.31	75.43	74.02	73.68	74.89
HOBC (Automotive 100 Octane)	103.55	100.97	95.87	94.25	96.45
Super (90 Octane) Blend of Motor Gasoline @ 60% and HOBC 40%)					
Kerosene	81.13	81.33	75.97	73.88	74.19
HSD	80.79	80.86	77.53	73.93	75.30
LDO	78.07	78.47	74.07	72.83	73.67
Aviation gasoline (100LL)					
JP-1:	-	-	-	-	-
i) For sale to PIA Domestic Flight					
ii) For sale to PIA foreign flights & foreign airline					
iii) For Cargo & Technical Landing Flights					
JP-4					
JP-8	-	-	-	-	-
- : Not available	Source: Hydrocarbon Development Institute of Pakistan (HDIP)				

TABLE 14.5

OIL SALE PRICES

	Rs/Ltrs				
Date	01-02-2014	02-03-2014	01-04-2014	01-05-2014	01-06-2014
EX-NRL/PRL KARACHI					
Motor Gasoline	78.31	75.43	74.02	73.68	74.89
HOBC (Automotive 100 Octane)	103.55	100.97	95.87	94.25	96.45
Super (90 Octane) Blend of Motor Gasoline @ 60% and HOBC 40%)					
Kerosene	81.13	81.33	75.97	73.88	74.19
HSD	80.79	80.86	77.53	73.93	75.30
LDO	78.07	78.47	74.07	72.83	73.67
Aviation gasoline (100LL)					
JP-1:	-	-	-	-	-
i) For sale to PIA Domestic Flight					
ii) For sale to PIA foreign flights & foreign airline					
iii) For Cargo & Technical Landing Flights					
JP-4					
JP-8	-	-	-	-	-
- : Not available	Source: Hydrocarbon Development Institute of Pakistan (HDIP)				

TABLE 14.5

OIL SALE PRICES

	Rs/Ltrs				
Date	01-07-2014	01-08-2014	01-09-2014	01-10-2014	01-11-2014
EX-NRL/PRL KARACHI					
Motor Gasoline	107.97	107.97	106.56	103.62	94.19
HOBC (Automotive 100 Octane)					
Super (90 Octane) Blend of Motor Gasoline @ 60% and HOBC 40%)					
Kerosene	97.40	97.05	96.99	95.68	87.52
HSD	109.34	109.34	108.34	107.39	101.21
LDO	94.13	93.27	92.08	91.94	83.37
Aviation gasoline (100LL)					
JP-1:	86.71	86.74	84.84	85.00	77.60
i) For sale to PIA Domestic Flight					
ii) For sale to PIA foreign flights & foreign airline					
iii) For Cargo & Technical Landing Flights					
JP-4					
JP-8	87.06	86.42	85.52	84.66	77.01
- : Not available					

Source: Hydrocarbon Development Institute of Pakistan (HDIP)

TABLE 14.5

OIL SALE PRICES

	Rs/Ltrs			
Date	01-12-2014	01-01-2015	01-02-2015	01-03-2015
EX-NRL/PRL KARACHI				
Motor Gasoline	84.53	78.28	70.29	70.29
HOBC (Automotive 100 Octane)				
Super (90 Octane) Blend of Motor Gasoline @ 60% and HOBC 40%)				
Kerosene	83.18	71.92	61.44	61.44
HSD	94.09	86.23	80.61	80.61
LDO	77.98	67.50	57.94	57.94
Aviation gasoline (100LL)				
JP-1:	73.05	59.10	47.30	53.59
i) For sale to PIA Domestic Flight				
ii) For sale to PIA foreign flights & foreign airline				
iii) For Cargo & Technical Landing Flights				
JP-4				
JP-8	72.72	58.76	46.96	53.25
- : Not available				

Source: Hydrocarbon Development Institute of Pakistan (HDIP)

TABLE 14.6

GAS SALE PRICES

Unit: Rupees/MMbtu.							
Category	30-6-2011	1-1-2012	1-7-2012	1-1-2013	23-8-2013	1-1-2014	1-9-2015
DOMESTIC (Slab)							
i) Upto 1.77 M cu.ft./month	78.38		100.00	100.00	100.00	100.00	
ii) Upto 1.77 to 3.55 M cu.ft./month	107.87	122.95		106.14	106.14	106.14	100.00
iii) Upto 3.55 to 7.10 M cu.ft./month	215.74	245.89					
iv) Upto 7.10 to 10.64 M cu.ft./month	215.74	245.89	200.00	212.28	212.28	212.28	220.00
v) Upto 10.64 to 14.20 M cu.ft./month	908.39	1,035.34	500.00	530.00	530.69	530.69	600.00
vi) Upto 14.20 to 17.75 M cu.ft./month	908.39	1,035.34					
vii) All over 17.75	1,142.80	1,302.46					
BULK METER	435.37	496.21	500.00	530.00	530.69	530.69	600.00
COMMERCIAL	526.59	600.19	600.00	636.83	636.83	636.83	700.00
SPECIAL COMMERCIAL ROTI TANDOOR*							
Upto 50							
Over 50 upto 100	107.87	122.95	100.00	106.14	106.14	106.14	110.00
Over 100 upto 200	215.74	245.89					
Over 200 upto 300	526.59	245.89	200.00	212.28	212.28	212.28	220.00
Over 300	526.59	600.19	500.00	636.83	636.83	636.83	700.00
ICE FACTORIES	526.59	600.19	600.00	636.83	636.83	636.83	700.00
General Industry	434.18	600.19	460.00	488.23	573.28	573.28	700.00
Cement	609.10	694.22	700.00	742.97	742.97	742.97	750.00
CNG Station	571.88	651.80	618.55	656.32	656.32	656.32	700.00
Pakistan Steel							
Captive Power	434.18	494.86	460.00	488.23	573.28	573.28	600.00
Independent Power Projects	377.39	437.86	460.00	488.23	488.23	488.23	600.00
FERTILIZER							
<u>SNGPL'S SYSTEM</u>							
(i) For Feed Stock							
Pak American Fertilizer Ltd.	102.01	116.27	116.27	123.41	123.41	123.41	200.00
F.F.C Jorden							
Engro Fertilizer Ltd.	59.59	60.67	60.67	67.38	69.17	73.17	200.00
Dawood Hercules/ Pak Arab	102.01	116.27	116.27	123.41	123.41	123.41	200.00
Pak China /Hazara	102.01	116.27	116.27	123.41	123.41	123.41	200.00
<u>SSGCL'S SYSTEM</u>							
F.F.Bin Qasim Ltd.	102.01	116.27	116.27	123.41	123.41	123.41	200.00
F.F.Bin Qasim Ltd. (Add. 10mmcf FS)	59.29	60.67	60.67	67.38	69.10	73.17	70.61
(ii) For Fuel Generation all Fertilizer Co.	434.34	494.86	460.00	488.23	488.23	488.23	600.00
Dawood & Pak Arab							
<u>FOR MARI GAS CO. SYSTEM</u>							
(i) For Feed Stock							
(a) Engro Chemical	102.01	116.27	116.27	123.41	123.41	123.41	200.00
FFC (Goth Machi)	102.01	116.27	116.27	123.41	123.41	123.41	200.00
(b) Pak Saudi							
Fatima Fertilizer	59.29	60.67	60.67	67.38	69.10	73.10	
FFC (Mirpur M)	102.01	116.27	116.27	123.41	123.41	-	
Foundation Power Company	377.39		460.00	488.23	488.23	488.23	
(ii) For Power Generation	434.34	494.86	460.00	488.23	488.23	488.23	
POWER Stations							
SNGPL & SSGCL'S SYSTEM	447.14	480.86	460.00	488.23	488.23	488.23	600.00
Liberty Power Limited	1,260.30	1,450.85	1,617.00	1,505.20	1,505.20	1,505.20	718.89
GAS DIRECTLY SOLD TO							
<u>WAPDA'S GUDDU POWER STATION</u>							
SUI FIELD (917 BTU)		480.86	460.00	488.23	488.23	488.23	
KANDKOT FIELD (866 BTU)		480.86	460.00	488.23	488.23	488.23	
MARI FIELD (754 BTU)		480.86	460.00	488.23	488.23	488.23	
SARA /SURI FIELDS							
Foundation Power Company			460.00	488.23	488.23	488.23	

* Flat rate on all offtakes applicable w.e.f 22.09.2012.