

Electricity : Total Available Energy and Peak Demand

Particulars	1999	2000	2001	2002	2003	2004	2005	2006	2007*
Peak Demand (MW)*	326.4	351.9	391.0	426.0	470.3	515.2	557.5	603.3	648.4
Available Energy (GWH)	1475.0	1701.5	1868.4	2066.5	2261.1	2380.9	2642.8	2780.9	3051.8
1. Hydro	1046.5	1233.2	1113.4	1113.1	1478.0	1345.5	1522.9	1568.5	1747.4
2. Thermal	118.8	66.7	27.1	17.0	4.4	9.9	13.7	16.1	13.3
3. Purchase from	309.7	401.5	727.9	936.3	778.7	1025.5	1106.2	1196.3	1291.1
(a) India	232.4	232.2	226.5	238.3	149.9	186.7	241.4	266.2	328.8
(b) Nepal (Private sector)	77.3	169.3	501.4	698.0	628.8	838.8	864.8	930.0	962.3

Note : Peak demand is for all areas covered by integrated system including supply to India. * Provisional.

Electricity : Growth of Consumers

In number

Category	1999	2000	2001	2002	2003	2004	2005	2006	2007*
Domestic	593468	643314	713307	848540	930554	1010719	1113740	1229750	1335748
Non-Commercial	7654	7815	7643	8629	9722	9865	9950	10010	10385
Commercial	2948	3096	3386	3898	5317	5454	6000	6170	6520
Industrial	14996	16179	17701	18789	19833	21374	22500	23020	23963
Water Supply	215	232	236	251	305	352	370	380	403
Irrigation	876	967	1083	1353	1721	2557	3400	6450	13248
Street Light	842	932	1012	1048	1229	1437	1500	1550	1622
Temporary Supply	207	144	141	172	138	150	155	--	--
Transport	21	47	37	49	48	48	50	54	54
Temple	1131	1248	1441	1800	1738	1959	2150	--	--
Community Sales	--	--	--	1	1	15	35	58	107
Total (Internal Sales)	622358	673974	745987	884530	970606	1053930	1159850	1277442	1392050
Bulk Supply (India)	5	5	5	5	5	5	5	5	5
Grand Total	622363	673979	745992	884535	970611	1053935	1159855	1277447	1392055

Note : * Provisional.

Tariff for Power Exchange between Nepal and India

In kWh

Year	Tariff for System Voltage			
	33 kV	132 kV	11 kV	Koshi Supply
2004	3.10	2.87	3.34	2.22
2005	3.25	3.01	3.49	2.33
2006	3.41	3.15	3.67	2.44
2007	3.59	3.32	3.86	2.57
2008 Jan. - June	3.77	3.49	4.05	2.70
2008 July. - Dec.	3.86	3.57	4.15	2.75
2009 Jan. - June	3.96	3.66	4.26	2.83

Note: Tariff on the basis of decision made on 8th Indo-Nepal Power Exchange Committee (PEC) meeting held on June 7-8, 2007, Kathmandu.

Compiled by Research and Information Division of FNCCI from 'A Year in Review' published by Nepal Electricity Authority.