

ELECTRIC ENERGY

Table 12.1. Production and Consumption of Electric energy, 2002 - 2006. **(Upolu System)**

Particulars	2002	2003	2004	2005	2006	2007
Installed Generating: (Capacity MW)						
Total	29.82	30.27	31.92	32.47	32.47	32.47
Hydro	11.80	11.80	11.80	11.80	11.80	11.80
Diesel	18.02	18.47	20.12	20.67	20.67	20.67
Number of Generating sets:						
Total	20	20	20	20	20	13
Hydro	8	8	8	8	8	8
Diesel	12	12	12	12	12	5
Energy Generated: (Million KWH)						
Total	112.1	28.36	28	29.54	26.56	26.60
Hydro	63.57	16.93	16	17.13	13.81	13.14
Diesel	48.53	11.43	12	12.41	12.75	13.46
Energy Sold (a) Million KWH	75.1	79.1	80.3	81.4	57.93	54.87
Generating Auxiliaries Consumption (b) Million KWH	0.54	0.42	1.15	0.95	0.27	0.306
Distribution Losses Million KWH	-	-	-	-	-	-
Number of Consumers (c)	22,542	23,237	23,941	24,958	26,400	27,114

Source: Electric Power Corporation. **(E.P.C.)**

Note: All figures relate to Government owned electric power system on Upolu. Village lighting schemes and other private plants are not included.

(a): Includes Energy used by the street lights on an estimated bases Figures for energy sold are based on the meter reading carried out and are not an exact record for that year.

(b): Generation auxiliary consumption was included as system loses prior 1978.

(c): Number of consumers as at the end of the period. Number of Consumers corresponds to meter e.g. if one person has two meters installed these installations would be regarded as belonging to two consumer and not one.

: Manono and Apolima power station generating statistics are included Upolu Statistics.

: Two hired generators for Tanugamanono commenced operation at the end of August 1998 and are included in the number of Generating sets.