

PUBLIC UTILITIES

The use of telephones, gas and electricity have continued to increase with the rapid expansion of population and economic development in Hawaii.

Electric power throughout the state is supplied by six commercial power companies--Hawaiian Electric Co.; Hilo Electric Co.; Kauai Electric Co.; Lahaina Light and Power Co.; Maui Electric Co.; and Molokai Electric Co. In addition, some plantations and military installations generate and distribute their own power.

Hawaii has no natural gas supply, but manufactured gas is used extensively in the state. Metered gas is available in many urban areas and bulk or cylinder propane gas is used elsewhere. Gas is supplied by the Honolulu Gas Company and its Isle Gas Division.

Telephone service throughout the state is furnished by the Hawaiian Telephone Company. Dial service is available on each of the islands. Radio telephone service is used between the islands; undersea cables provide transpacific service to the mainland U. S., Pacific areas and the Far East. Satellite communications systems are available, through the military SATCOM system and the commercial COMSAT system, both of which have ground stations in Hawaii. Hawaiian Telephone is one of the participating companies in COMSAT.

All public utilities in Hawaii operate under the regulations of the Public Utilities Commission, Department of Regulatory Agencies. The Commission and the utility companies are the major sources of information on rates and usage.

Bus and tour service also are under the jurisdiction of the Public Utilities Commission. Information on services, rates and regulations are available through the Commission. Metered taxi services are under the jurisdiction of the county governments.

Table 37. -- ELECTRICITY GENERATED OR PURCHASED FOR SALE
IN HAWAII, BY COMPANY: 1960-1967
(in million KWH)

Year ending Dec. 31	State Total ¹	Hawaiian Electric	Maui Electric ²	Lahaina Light and Power	Molokai Electric	Hilo Electric	Kauai Electric
1960	1,820.0	1,552.4	100.6	6.9	12.2	101.7	46.1
1961	2,006.6	1,719.7	107.1	7.2	12.1	110.1	50.4
1962	2,208.3	1,895.7	112.1	7.9	12.6	125.2	50.8
1963	2,531.2	2,213.8	107.4	10.3	12.9	128.9	57.8
1964	2,587.6	2,226.9	133.8	11.6	14.8	137.1	63.4
1965	2,761.3	2,370.0	138.9	15.1	14.2	156.1	66.9
1966	2,987.2	2,569.7	142.1	17.4	13.9	170.2	73.8
1967	3,212.9	2,798.2	118.9 ³	17.8	14.4	184.7	76.2

1. All companies in Hawaii, except Molokai Electric Co., purchase some of their power from private firms for resale.

2. Includes Hana Electric Co. which merged with Maui Electric, Co. in 1965.

3. Includes Lahaina Light and Power after October 13, 1967 when merger with Maui Electric became effective.

Source: Department of Regulatory Agencies, Public Utilities Commission.

Table 38. -- GAS SALES IN HAWAII, BY COUNTY: 1955 TO 1967
(in thousand therms)

Year ending Dec. 31	State	City-County of Honolulu		Hawaii County	Kauai County	Maui County
		Meter	Other			
1955 . . .	13,517	13,101	--	416	--	--
1956 . . .	15,952	13,468	787	1,125	258	314
1957 . . .	16,432	13,698	1,026	1,032	330	346
1958 . . .	16,815	14,094	995	1,080	283	363
1959 . . .	17,451	14,399	1,125	1,213	318	396
1960 . . .	18,978	15,354	1,184	1,331	361	447
1961 . . .	20,832	16,210	2,111	1,574	431	505
1962 . . .	22,594	17,548	2,355	1,600	514	576
1963 . . .	23,663	18,249	2,463	1,709	563	679
1964 . . .	24,912	19,111	2,655	1,866	650	731
1965 . . .	26,123	19,711	2,830	1,969	743	870
1966 . . .	27,084	20,297	2,874	2,107	838	968
1967 . . .	29,336	21,708	3,228	2,330	950	1,120

Source: Department of Regulatory Agencies, Public Utilities Commission

Table 39. -- NUMBER OF TELEPHONES IN SERVICE IN HAWAII, BY ISLAND:
1955 TO 1967

Year ending Dec. 31	State Total	Island					
		Oahu	Hawaii	Maui	Kauai	Molokai	Lanai
1955 . . .	143,063	114,678	13,118	8,161	5,701	895	510
1956 . . .	154,212	123,888	13,830	8,615	6,422	937	520
1957 . . .	166,385	133,766	14,686	9,393	7,068	951	521
1958 . . .	176,750	143,189	15,181	9,683	7,186	1,011	500
1959 . . .	191,373	156,291	16,047	9,994	7,473	1,064	504
1960 . . .	208,411	171,793	16,603	10,502	7,949	1,052	512
1961 . . .	221,599	183,401	17,491	10,793	8,324	1,072	518
1962 . . .	233,680	193,570	18,338	11,348	8,760	1,125	539
1963 . . .	247,629	205,342	19,309	12,161	9,063	1,195	559
1964 . . .	265,793	220,939	20,326	12,927	9,761	1,267	573
1965 . . .	283,689	236,006	21,719	13,822	10,244	1,313	585
1966 . . .	302,506	251,505	23,157	14,824	11,060	1,364	596
1967 . . .	323,849	268,190	25,455	16,213	11,884	1,493	614

Source: Hawaiian Telephone Company. Does not include military telephone systems.

Table 40. -- COMPARATIVE MONTHLY BILLINGS FOR ELECTRIC COMPANIES IN HAWAII BY COUNTY
(effective rates for selected rate schedules, June 1968)

County Served	HONOLULU	HAWAII	KAUAI	MAUI				
Utility Company	Hawaiian Electric	Hilo Elec. & Light	Kauai Electric	Maui Electric	Lanai Division	Hana Division	Lahaina L & P	Molokai Electric
<u>Residential Service</u>								
Minimum Bill	\$ 1.40	\$ 2.50	\$ 1.50	\$ 2.50	\$ 1.22	\$ 2.00	\$ 2.50	\$ 2.50
50 KWH ...	3.02	4.59	3.48	4.21	3.50	4.87	4.21	5.08
100 KWH ...	4.78	6.84	5.96	6.66	5.59	7.99	6.66	8.11
300 KWH ...	9.41	14.32	12.89	13.26	11.37	15.67	13.26	14.46
500 KWH ...	13.24	19.36	18.82	17.66	16.55	21.43	17.66	20.20
750 KWH ...	18.03	24.84	26.23	23.16	23.02	28.63	23.16	27.38
1,000 KWH ...	22.82	30.32	33.65	28.66	29.49	35.84	28.66	34.56
<u>General Lighting</u>								
Minimum Bill	\$ 1.41	\$ 2.50	\$ 3.00	\$ 2.50	\$ 1.22	\$ 2.50	\$ 3.80	\$ 2.50
100 KWH ...	6.38	8.62	7.09	9.98	8.86	10.00	10.20	12.78
500 KWH ...	26.48	35.46	27.05	41.58	37.61	39.96	33.20	49.14
750 KWH ...	38.36	50.98	37.65	58.08	52.08	55.81	45.45	69.37
1,000 KWH ...	50.23	66.50	48.25	74.58	66.56	71.66	56.70	89.60
3,000 KWH ...	117.24	145.68	118.06	176.58	170.32	176.86	133.20	221.42
5,000 KWH ...	176.25	209.85	182.87	248.58	270.09	274.86	199.20	323.25
7,500 KWH ...	245.51	277.57	246.38	338.58	394.80	383.61	276.70	450.53
10,000 KWH ...	311.77	345.29	309.90	428.58	519.51	492.36	354.20	577.81
<u>Comm'l. Cooking, Heating & Refrigeration</u>								
Minimum Bill	\$ 3.00	\$ 2.50	\$ 3.00	\$ 3.75	\$ 3.00			\$ 3.00
100 KWH ...	4.05	6.70	7.09	7.29	5.93			5.09
200 KWH ...	7.60	11.41	12.83	13.19	10.82			10.18
500 KWH ...	14.11	22.54	27.05	26.09	22.48			25.46
750 KWH ...	18.44	30.56	37.65	36.84	32.20			34.43
1,000 KWH ...	22.76	37.18	48.25	47.59	41.92			43.41

Source: Department of Regulatory Agencies, Public Utilities Commission