

**Figure 1.--ELECTRIC POWER OUTPUT BY RESOURCE IN 1999**

**Table 13.4-- ELECTRIC UTILITY POWER PRODUCTION BY RESOURCE  
HAWAII COUNTY, 1998 AND 1999**

RESOURCE	1998		1999	
	NET KWH/YR	% OF TOTAL	NET KWH/YR	% OF TOTAL
Helco Power				
Helco Diesel	213,633,140	21.5	240,486,350	23.7
Helco Steam	381,935,280	38.5	398,844,000	39.3
Helco Hydropower (NF) <u>1/</u>	13,728,650	1.4	18,843,470	1.9
Helco Wind (NF) <u>1/</u>	4,677,400	0.5	3,794,550	0.4
Total Helco Resources	613,974,470	61.9	661,968,370	65.3
Purchase Power				
Total Coal <u>2/</u>	108,222,940	10.9	115,806,093	11.4
Total Geothermal	220,453,900	22.2	196,001,249	19.3
Total Purchase Hydro (NF) <u>1/</u>	34,605,021	3.5	28,222,813	2.8
Total Wind (NF) <u>1/</u>	14,455,650	1.5	11,611,591	1.2
Total Purchased Power	377,737,511	38.1	351,641,746	34.7
Total Energy Delivered to System	991,711,981	100.0	1,013,610,116	100.0

1/ 'Non-firm' resources (NF) produces electricity as the resource (i.e. wind, stream flow) is available.

2/ Hilo Coast Power Company.

Source: Hawaii Electric Company, Inc., Customer Services Department.