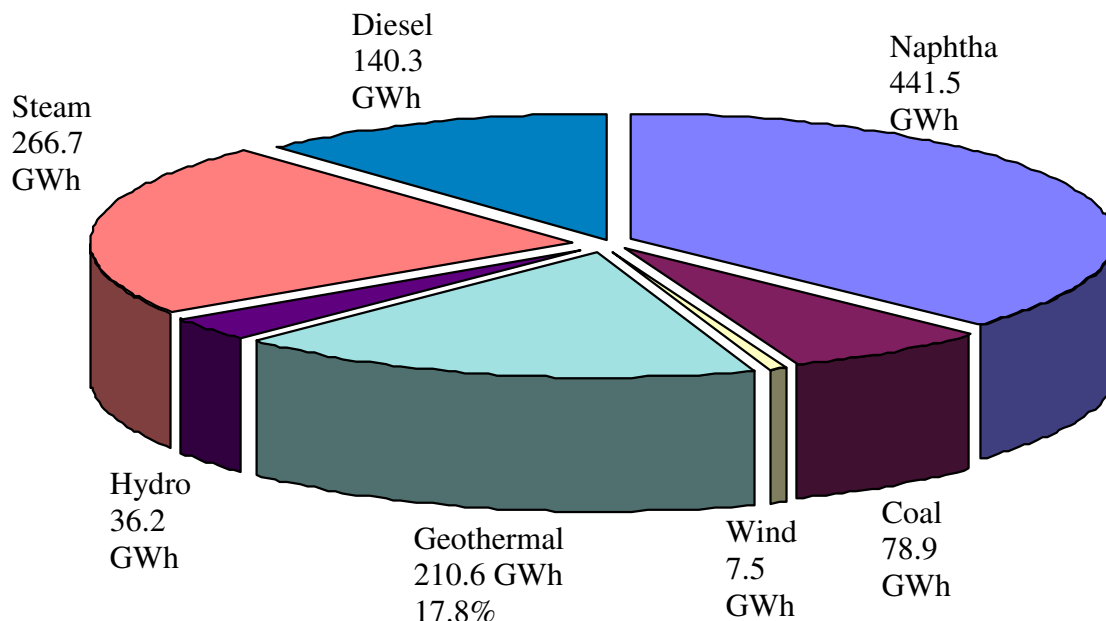


Figure 1.--ELECTRIC POWER OUTPUT BY RESOURCE IN 2004



**Table 13.4-- ELECTRIC UTILITY POWER PRODUCTION BY RESOURCE
HAWAII COUNTY, 2003 AND 2004**

RESOURCE	2003		2004	
	NET KWH/YR	% OF TOTAL	NET KWH/YR	% OF TOTAL
Helco Power				
Helco Diesel	119,254,600	10.5	140,277,995	11.9
Helco Steam	285,860,660	25.1	266,703,990	22.6
Helco Hydropower (NF) <u>1/</u>	2,064,240	0.2	9,724,160	0.8
Helco Wind (NF) <u>1/</u>	1,561,250	0.1	1,484,610	0.1
Total Helco Resources	408,740,750	35.8	418,190,755	35.4
Purchase Power				
Total Coal <u>2/</u>	82,252,131	7.2	78,931,409	6.7
Total Naphtha <u>3/</u>	439,243,225	38.5	441,533,153	37.4
Total Geothermal	175,933,580	15.4	210,614,413	17.8
Total Purchase Hydro (NF) <u>1/</u>	24,535,640	2.2	26,460,838	2.2
Total Wind (NF) <u>1/</u>	10,178,000	0.9	6,182,723	0.5
Total Purchased Power	732,142,576	64.2	763,722,536	64.6
Total Energy Delivered to System	1,140,883,326	100.0	1,181,913,291	100.0

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

2/ Hilo Coast Power Company

3/ Hamakua Energy Partners.

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