



# MONTHLY ENERGY TREND HIGHLIGHTS

## APRIL 2017

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### Crude Oil Prices:

In April 2017, the crude oil price increased from the same month last year and increased from the previous month. The crude oil price at the New York Mercantile Exchange averaged \$51.12 per barrel in April 2017 which was up \$9.99 (24.3%) per barrel from the same month last year. Compared to March 2017, it was an increase of \$1.44 (2.9%) per barrel.

### Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 1.7 million barrels of foreign crude oil in February 2017. This was a decrease of 0.6 million barrels (27.1%) from the same month last year.

### Gasoline Prices:

In April 2017, the regular gasoline price in Hawaii averaged \$3.058 per gallon, which was 66.4 cents per gallon (27.7%) higher than the national average for the same month.

Hawaii's regular gasoline price in April 2017 was an increase of 45.8 cents per gallon (17.6%) from the same month last year, but a decrease of 1.6 cents per gallon (0.5%) from March 2017.

The national average price for regular gasoline in April 2017 was \$2.394 per gallon, an increase of 29.8 cents per gallon (14.2%) from the same month last year, and an increase of 9.6 cents per gallon (4.2%) from March 2017.

The average prices of regular gasoline within the State in April 2017 were as follows: Wailuku, \$3.508; Hilo, \$3.037; and Oahu, \$2.913.

### Diesel Fuel Prices:

The national average price for diesel in April 2017 was \$2.526 per gallon which was an increase of 40.9 cents (19.3%) from the same month a year ago, and an increase of 1.2 cents (0.5%) from March 2017.

Hawaii's average price for diesel in April 2017 was \$4.053 per gallon which decreased 3.3 cents (0.8%) per gallon from the same month last year and decreased 0.6 cents per gallon (0.1%) from March 2017. Hawaii's diesel price was \$1.527 per gallon (60.4%) higher than the national average.

In April 2017, the average prices per gallon for diesel among Hawaii's market were as follows: Hilo, \$4.110; Wailuku, \$4.063; and Oahu, \$4.033.

### **Gasoline Consumption:**

Hawaii's statewide consumption for gasoline in February 2017, as measured by the gasoline tax base, was 35.7 million gallons, which decreased 22.4 million gallons (38.6%) from the same month a year ago. Gasoline in February 2017 was mainly consumed in Honolulu (61.5%), followed by Hawaii County (18.3%), Maui County (13.7%), and Kauai County (6.5%).

### **Highway Diesel Fuel Consumption:**

Hawaii's February 2017 consumption for highway use diesel was 3.7 million gallons, which decreased 0.8 million gallons (18.5%) from the same month last year. Highway use diesel in February 2017 was mainly consumed in Honolulu (54.9%), followed by Hawaii County (24.3%), Maui County (13.2%), and Kauai County (7.6%).

### **Aviation Fuel Consumption:**

In February 2017, data from the Department of Taxation showed statewide aviation fuel consumption was 17.7 million gallons, which decreased 1.19 million gallons (6.3%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (41.5%), Maui County (31.8%), Hawaii County (17.1%), and Kauai County (9.6%).

### **Registered Taxable Vehicles:**

As of April 2017, there were 1,048,606 registered passenger vehicles in the state, a decrease of 1,369 vehicles (0.1%) from the same month last year but an increase of 1,117 vehicles (0.1%) from March 2017. The number of passenger gasoline vehicles was 1,008,666, which was 96.2% of total passenger vehicles. It represents a decrease of 5,988 vehicles (0.6%) from the same period last year, but an increase of 912 vehicles (0.1%) from March 2017.

In April 2017, the number of passenger electric vehicles in the state was 5,639, an increase of 1,329 vehicles (30.8%) from the same month last year, and an increase of 137 vehicles (2.5%) from March 2017. The number of passenger hybrid vehicles in the state in this month was 24,064, accounting for 2.3% of the total passenger vehicles. It represents an increase of 11.2% from the same month last year and an increase of 0.3% from March 2017.

In April 2017, there were 45,892 registered freight gasoline vehicles, a 2.3% increase from the same period last year, and a 0.4% increase from March 2017. The number of freight diesel vehicles in April 2017 was 23,813, a 2.4% increase from the same period last year, and a 0.2% increase from March 2017.

Monthly Energy Trend: State						
Month of Apr - 2017						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Crude Oil Price</b>						
NYMEX WTI Future Price	\$ per Barrel	April 17	51.12	24.3%	51.72	46.0%
Europe Brent Spot Price	\$ per Barrel	March 17	51.59	35.0%	53.68	59.3%
<b>Gasoline and Diesel Prices</b>						
Gasoline - Regular, National	\$ per Gallon	April 17	2.394	14.2%	2.325	21.6%
Gasoline -Mid Grade, National	\$ per Gallon	April 17	2.658	13.6%	2.592	19.2%
Gasoline -Premium, National	\$ per Gallon	April 17	2.900	13.0%	2.835	18.1%
Diesel, National	\$ per Gallon	April 17	2.526	19.3%	2.518	21.3%
Gasoline - Regular, State	\$ per Gallon	April 17	3.058	17.6%	3.071	18.0%
Gasoline -Mid Grade, State	\$ per Gallon	April 17	3.167	17.4%	3.177	17.0%
Gasoline -Premium, State	\$ per Gallon	April 17	3.295	18.0%	3.309	18.0%
Diesel, State	\$ per Gallon	April 17	4.053	-0.8%	4.069	-3.0%
<b>Fuel Surcharges</b>						
Matson Navigation Company	Percentage	April 17	24.50%	0.0%	24.50%	0.0%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	February 17	1,673	-27.1%	1,673	-60.6%
Distillate	1000 Barrels	February 17	-	-100.0%	-	-100.0%
Jet Fuel, Kerosene	1000 Barrels	February 17	630	51.8%	1,477	28.1%
Residual Fuel Oil	1000 Barrels	February 17	-	-100.0%	-	-100.0%
Propane	1000 Barrels	February 17	78	39.3%	157	34.2%
Fuel Ethanol	1000 Barrels	February 17	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	February 17	70	N/A	70	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	February 17	35,721,336	-38.6%	74,653,773	-1.1%
Diesel Oil (non-hwy)	Gallons	February 17	9,368,348	-62.9%	20,089,417	-38.4%
Diesel Oil (hwy use)	Gallons	February 17	3,685,388	-18.5%	7,867,420	0.8%
LPG (off hwy)	Gallons	February 17	-	N/A	-	N/A
LPG (hwy use)	Gallons	February 17	1,579	308.5%	1,730	79.9%
Small Boat (gas)	Gallons	February 17	63	-100.0%	67	-100.0%
Small Boat (diesel)	Gallons	February 17	228,925	36.5%	669,652	27.9%
Aviation Fuel	Gallons	February 17	17,733,050	-6.3%	37,828,334	31.1%
Other Fuel	Gallons	February 17	1,465,867	422.7%	3,510,566	875.2%
Agricultural Refund	Gallons	February 17	10,689	41.9%	72,252	-54.8%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	April 17	5,639	30.8%	5,425	28.7%
Passenger, Diesel	Vehicle	April 17	8,950	-2.5%	8,966	-2.4%
Passenger, Gasoline	Vehicle	April 17	1,008,666	-0.6%	1,007,696	-0.4%
Passenger, Hybrid	Vehicle	April 17	24,064	11.2%	23,865	11.1%
Passenger, Misc Fuel	Vehicle	April 17	1,287	588.2%	1,289	570.6%
Freight, Electric	Vehicle	April 17	7	16.7%	7	50.0%
Freight, Diesel	Vehicle	April 17	23,813	2.4%	23,464	1.2%
Freight, Gasoline	Vehicle	April 17	45,892	2.3%	45,712	2.5%
Freight, Hybrid	Vehicle	April 17	98	0.0%	99	5.0%
Freight, Misc Fuel	Vehicle	April 17	101	-5.6%	101	-6.5%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	December 16	497,292	0.5%	487,715	-1.2%
Residential	Consumers	December 16	431,496	0.6%	422,036	-1.5%
Commercial	Consumers	December 16	61,301	0.4%	61,205	0.5%
Street Lights	Consumers	December 16	4,495	0.3%	4,475	-0.1%
<b>Electric Meters</b>						
All sectors	Meters	December 16	496,368	0.5%	495,100	0.5%
Residential	Meters	December 16	431,513	0.6%	430,372	0.5%
Commercial	Meters	December 16	61,009	0.4%	60,911	0.6%
Street Lights	Meters	December 16	3,846	1.1%	3,816	0.7%
<b>Electricity Sale (KWH sold)</b>						
All Sectors	KWH	December 16	777,622,674	-0.7%	9,284,423,635	-1.1%
Residential	KWH	December 16	225,465,812	2.1%	2,496,694,304	-2.4%
Commercial	KWH	December 16	548,443,387	-1.7%	6,741,753,664	-0.6%
Street Lights	KWH	December 16	3,713,475	-18.2%	45,975,667	-7.2%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	December 16	192,873,980	2.4%	2,225,519,993	-9.8%
Residential	Dollars	December 16	62,641,481	5.0%	694,564,101	-9.3%
Commercial	Dollars	December 16	129,257,961	1.3%	1,519,257,785	-10.0%
Street Lights	Dollars	December 16	974,538	-17.1%	11,698,107	-15.0%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	December 16	24.80	3.1%	23.97	-8.8%
Residential	Cents/KWh	December 16	27.78	2.9%	27.82	-7.0%
Commercial	Cents/KWh	December 16	23.57	3.1%	22.54	-9.5%
Street Lights	Cents/KWh	December 16	26.24	1.4%	25.44	-8.4%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	December 16	812,971,946	-2.2%	9,740,294,568	-1.5%
Electricity Generated at the Electric Utility Stations	KWH	December 16	467,284,735	-0.1%	5,547,578,330	-4.3%
- Generated by Steam	KWH	December 16	341,449,592	-1.4%	4,042,204,317	-4.0%
- Generated by Diesel	KWH	December 16	122,014,716	5.3%	1,439,057,477	-4.2%
- Generated by Biodiesel	KWH	December 16	1,710,304	-38.9%	42,152,140	-26.3%
- Generated by Hydro and Wind	KWH	December 16	2,110,123	-25.6%	24,164,396	-17.1%
Electricity Purchased from Independent Power Plant	KWH	December 16	371,664,376	-4.5%	4,497,701,027	2.2%
Electricity Used by Electric Utility Stations	KWH	December 16	25,977,165	-0.6%	304,925,088	-3.7%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	554,066	-0.8%	6,573,323	-2.9%
Total Cost of Oil Consumed	Dollars	December 16	31,683,237	8.6%	322,513,429	-30.6%
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	57.18	9.4%	49.06	-28.5%
Month-end price per barrel	Dollars	December 16	53.92	17.2%	41.70	-29.8%
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0.098	9.9%	0.084	-28.2%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	195,264	1.5%	2,325,777	-5.5%
Total Cost of Oil Consumed	Dollars	December 16	15,129,659	2.2%	157,614,565	-27.5%
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	77.48	0.6%	67.77	-23.2%
Month-end price per barrel	Dollars	December 16	79.02	2.3%	71.06	-20.1%
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0.130	-0.4%	0.116	-22.9%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	5,032	-39.5%	120,032	-25.8%
Total Cost of Oil Consumed	Dollars	December 16	252,712	-82.2%	8,824,109	-62.7%
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	50.22	-70.6%	73.51	-49.7%
Month-end price per barrel	Dollars	December 16	64.29	-60.2%	85.03	-42.0%
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0.188	-68.0%	0.263	-47.4%

Source:

NYMEX WTI Prices, New York Mercantile Exchange

Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration

Foreign Imports, US Department of Energy, Energy Information Administration

Gasoline and Diesel Prices, American Automobile Association

Fuel Surcharges, Matson Navigation Company

Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)

Registered Vehicles, City and County Honolulu

Electric Utility Data, Hawaii Electric Company, Inc., Maui Electric Company, Ltd., and Kauai Island Utility

Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism,

Research & Economic Analysis Division.

Monthly Energy Trend: Oahu						
Month of Apr - 2017						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Gasoline and Diesel Prices</b>						
Gasoline - Regular	\$ per Gallon	April 17	2.913	21.1%	2.936	21.8%
Gasoline - Mid Grade	\$ per Gallon	April 17	3.044	21.1%	3.058	21.1%
Gasoline - Premium	\$ per Gallon	April 17	3.186	22.0%	3.206	22.6%
Diesel	\$ per Gallon	April 17	4.033	1.0%	4.062	-1.1%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	February 17	1,673	-27.1%	1,673	-60.6%
Distillate	1000 Barrels	February 17	-	-100.0%	-	-100.0%
Jet Fuel, Kerosene	1000 Barrels	February 17	630	51.8%	1,477	28.1%
Residual Fuel Oil	1000 Barrels	February 17	-	-100.0%	-	-100.0%
Propane	1000 Barrels	February 17	14	N/A	14	-30.0%
Fuel Ethanol	1000 Barrels	February 17	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	February 17	70	N/A	70	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	February 17	21,984,004	-39.8%	45,699,963	-1.7%
Diesel Oil (non-hwy)	Gallons	February 17	7,220,926	-63.1%	14,944,182	-43.3%
Diesel Oil (hwy use)	Gallons	February 17	2,022,991	-25.3%	4,217,925	-7.2%
LPG (off hwy)	Gallons	February 17	-	N/A	-	N/A
LPG (hwy use)	Gallons	February 17	1,504	503.3%	1,601	148.1%
Small Boat (gas)	Gallons	February 17	63	-100.0%	67	-100.0%
Small Boat (diesel)	Gallons	February 17	228,925	36.5%	669,652	27.9%
Aviation Fuel	Gallons	February 17	7,356,303	75.9%	15,873,208	105.2%
Other Fuel	Gallons	February 17	119,333	542.8%	244,771	1164.0%
Agricultural Refund	Gallons	February 17	10,689	N/A	20,880	-50.2%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	April 17	4,392	34.2%	4,207	31.6%
Passenger, Diesel	Vehicle	April 17	3,380	-4.0%	3,384	-3.9%
Passenger, Gasoline	Vehicle	April 17	605,838	-0.5%	605,334	-0.4%
Passenger, Hybrid	Vehicle	April 17	16,471	7.6%	16,363	7.8%
Passenger, Misc Fuel	Vehicle	April 17	524	376.4%	525	362.1%
Freight, Electric	Vehicle	April 17	6	0.0%	6	27.8%
Freight, Diesel	Vehicle	April 17	11,421	2.0%	11,371	1.9%
Freight, Gasoline	Vehicle	April 17	31,959	2.1%	31,786	2.2%
Freight, Hybrid	Vehicle	April 17	92	0.0%	93	4.5%
Freight, Misc Fuel	Vehicle	April 17	87	-6.5%	87	-7.9%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	December 16	304,261	0.4%	295,398	-2.3%
Residential	Consumers	December 16	270,451	0.5%	261,555	-2.7%
Commercial	Consumers	December 16	33,400	0.2%	33,430	0.6%
Street Lights	Consumers	December 16	410	-3.3%	414	-3.4%
<b>Electric Meters</b>						
All Sectors	Meters	December 16	303,928	0.4%	303,382	0.4%
Residential	Meters	December 16	270,467	0.5%	269,890	0.4%
Commercial	Meters	December 16	33,344	0.2%	33,375	0.7%
Street Lights	Meters	December 16	117	0.0%	117	-0.8%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	December 16	554,587,130	-1.6%	6,660,195,323	-1.4%
Residential	KWH	December 16	140,795,380	0.3%	1,580,401,015	-2.9%
Commercial	KWH	December 16	411,001,951	-2.1%	5,045,842,272	-0.9%
Street Lights	KWH	December 16	2,789,799	-17.6%	33,952,036	-4.7%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	December 16	126,828,540	1.6%	1,466,224,803	-10.4%
Residential	Dollars	December 16	36,708,869	3.4%	411,965,989	-9.6%
Commercial	Dollars	December 16	89,449,539	1.0%	1,046,462,353	-10.7%
Street Lights	Dollars	December 16	670,132	-16.7%	7,796,461	-13.5%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	December 16	22.87	3.2%	22.01	-9.1%
Residential	Cents/KWh	December 16	26.07	3.2%	26.07	-7.0%
Commercial	Cents/KWh	December 16	21.76	3.1%	20.74	-9.9%
Street Lights	Cents/KWh	December 16	24.02	1.1%	22.96	-9.2%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	December 16	577,426,298	-3.0%	6,963,057,825	-1.7%
Electricity Generated at the Electric Utility Stations	KWH	December 16	308,749,158	-3.6%	3,713,939,533	-6.6%
- Generated by Steam	KWH	December 16	306,785,200	-3.1%	3,659,955,205	-6.2%
- Generated by Diesel	KWH	December 16	253,654	-70.3%	11,832,188	-26.9%
- Generated by Biodiesel	KWH	December 16	1,710,304	-38.9%	42,152,140	-26.3%
- Generated by Hydro and Wind	KWH	December 16	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	December 16	288,167,285	-2.3%	3,478,345,989	3.8%
Electricity Used by Electric Utility Stations	KWH	December 16	19,490,145	-3.5%	229,227,996	-5.6%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	479,941	-3.7%	5,768,973	-6.0%
Total Cost of Oil Consumed	Dollars	December 16	28,011,112	5.7%	292,405,274	-31.6%
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	58.36	9.7%	50.69	-27.2%
Month-end price per barrel	Dollars	December 16	58.37	15.9%	49.60	-23.1%
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0.097	9.1%	0.085	-27.3%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	1,604	-67.6%	63,004	-13.9%
Total Cost of Oil Consumed	Dollars	December 16	109,731	-70.6%	4,129,769	-38.7%
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	68.41	-9.1%	65.55	-28.9%
Month-end price per barrel	Dollars	December 16	69.57	-4.5%	66.10	-17.3%
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0.545	17.0%	0.413	-26.6%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	5,032	-39.5%	120,032	-25.7%
Total Cost of Oil Consumed	Dollars	December 16	252,712	-82.2%	8,824,109	-62.7%
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	50.22	-70.6%	73.51	-49.8%
Month-end price per barrel	Dollars	December 16	64.29	-60.2%	85.03	-42.0%
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0.188	-68.0%	0.263	-47.4%
<b>Energy Cost Adjustment Factor</b>						
Schedules R, G, J, DS, P, F, U, TOU-R, TOU-G, TOU-J, SS, TOU-EV, EV-R, EV-C	\$/KWH	April 17	-0.01608	-70.2%	-0.01823	-62.2%

Source:

NYMEX WTI Prices, New York Mercantile Exchange

Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration

Foreign Imports, US Department of Energy, Energy Information Administration

Gasoline and Diesel Prices, American Automobile Association

Fuel Surcharges, Matson Navigation Company

Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)

Registered Vehicles, City and County Honolulu

Electric Utility Data, Hawaii Electric Company, Inc., Maui Electric Company, Ltd., and Kauai Island Utility

Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism,

Research & Economic Analysis Division.

Monthly Energy Trend: Maui						
Month of Apr - 2017						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Gasoline and Diesel Prices (Wailuku Only)</b>						
Gasoline - Regular	\$ per Gallon	April 17	3.508	12.5%	3.495	11.7%
Gasoline - Mid Grade	\$ per Gallon	April 17	3.637	12.9%	3.625	11.2%
Gasoline - Premium	\$ per Gallon	April 17	3.718	12.6%	3.709	10.8%
Diesel	\$ per Gallon	April 17	4.063	1.6%	4.074	-0.3%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	February 17	-	N/A	-	N/A
Distillate	1000 Barrels	February 17	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	February 17	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	February 17	-	N/A	-	N/A
Propane	1000 Barrels	February 17	36	50.0%	53	120.8%
Fuel Ethanol	1000 Barrels	February 17	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	February 17	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	February 17	4,882,073	-43.2%	10,530,078	-3.1%
Diesel Oil (non-hwy)	Gallons	February 17	700,776	-74.9%	2,109,145	-21.9%
Diesel Oil (hwy use)	Gallons	February 17	486,340	-9.7%	1,184,152	19.7%
LPG (off hwy)	Gallons	February 17	-	N/A	-	N/A
LPG (hwy use)	Gallons	February 17	-	N/A	-	N/A
Small Boat (gas)	Gallons	February 17	-	N/A	-	N/A
Small Boat (diesel)	Gallons	February 17	-	N/A	-	N/A
Aviation Fuel	Gallons	February 17	5,641,504	-35.1%	12,200,802	-0.8%
Other Fuel	Gallons	February 17	28,921	18.2%	55,836	12.1%
Agricultural Refund	Gallons	February 17	-	N/A	-	-100.0%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	April 17	797	15.5%	789	15.5%
Passenger, Diesel	Vehicle	April 17	1,579	-1.9%	1,583	-1.9%
Passenger, Gasoline	Vehicle	April 17	157,277	-1.3%	157,466	-0.6%
Passenger, Hybrid	Vehicle	April 17	3,419	30.3%	3,385	30.2%
Passenger, Misc Fuel	Vehicle	April 17	232	828.0%	233	821.8%
Freight, Electric	Vehicle	April 17	-	N/A	-	N/A
Freight, Diesel	Vehicle	April 17	3,577	2.3%	3,316	-4.9%
Freight, Gasoline	Vehicle	April 17	5,806	1.7%	5,818	2.5%
Freight, Hybrid	Vehicle	April 17	3	0.0%	3	0.0%
Freight, Misc Fuel	Vehicle	April 17	5	0.0%	5	11.1%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	December 16	65,922	0.5%	65,781	0.6%
Residential	Consumers	December 16	56,318	0.4%	56,234	0.6%
Commercial	Consumers	December 16	9,393	0.9%	9,337	0.7%
Street Lights	Consumers	December 16	211	2.9%	210	3.4%
<b>Electric Meters</b>						
All Sectors	Meters	December 16	65,707	0.5%	65,566	0.6%
Residential	Meters	December 16	56,319	0.4%	56,234	0.6%
Commercial	Meters	December 16	9,374	0.9%	9,318	0.7%
Street Lights	Meters	December 16	14	0.0%	14	0.0%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	December 16	89,579,897	1.1%	1,059,575,589	-2.2%
Residential	KWH	December 16	31,916,456	4.3%	348,786,983	-4.1%
Commercial	KWH	December 16	57,193,615	-0.6%	705,178,261	-1.2%
Street Lights	KWH	December 16	469,826	-0.6%	5,610,345	0.2%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	December 16	23,929,815	0.2%	287,774,072	-11.0%
Residential	Dollars	December 16	8,657,164	2.3%	99,352,468	-12.1%
Commercial	Dollars	December 16	15,151,694	-1.0%	186,981,039	-10.5%
Street Lights	Dollars	December 16	120,957	0.7%	1,440,565	-10.0%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	December 16	26.71	-0.9%	27.16	-9.0%
Residential	Cents/KWh	December 16	27.12	-2.0%	28.49	-8.3%
Commercial	Cents/KWh	December 16	26.49	-0.3%	26.52	-9.4%
Street Lights	Cents/KWh	December 16	25.75	1.3%	25.68	-10.2%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	December 16	94,346,220	-1.5%	1,111,696,176	-2.9%
Electricity Generated at the Electric Utility Stations	KWH	December 16	80,028,813	11.9%	869,146,359	1.3%
- Generated by Steam	KWH	December 16	17,547,200	149.7%	127,165,900	18.5%
- Generated by Diesel	KWH	December 16	62,481,613	-3.1%	741,980,459	-1.2%
- Generated by Hydro and Wind	KWH	December 16	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	December 16	17,545,477	-35.5%	279,283,787	-13.5%
Electricity Used by Electric Utility Stations	KWH	December 16	3,228,070	9.4%	36,733,970	1.5%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	39,275	145.1%	294,658	23.4%
Total Cost of Oil Consumed	Dollars	December 16	1,865,992	182.4%	11,100,536	-16.9%
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	47.51	15.2%	37.67	-32.6%
Month-end price per barrel	Dollars	December 16	51.76	23.9%	37.69	-26.5%
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0.106	13.1%	0.083	-31.0%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	96,442	-2.5%	1,112,542	-2.2%
Total Cost of Oil Consumed	Dollars	December 16	7,443,516	-2.4%	74,849,192	-26.1%
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	77.18	0.0%	67.28	-24.5%
Month-end price per barrel	Dollars	December 16	78.23	4.1%	67.08	-20.5%
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0.119	0.7%	0.102	-24.3%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 16	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	-	N/A	-	N/A
Month-end price per barrel	Dollars	December 16	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 16	-	N/A	-	N/A
<b>Energy Cost Adjustment Factor</b>						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	April 17	-0.05770	-34.2%	-0.07248	-21.9%

Source:

NYMEX WTI Prices, New York Mercantile Exchange

Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration

Foreign Imports, US Department of Energy, Energy Information Administration

Gasoline and Diesel Prices, American Automobile Association

Fuel Surcharges, Matson Navigation Company

Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)

Registered Vehicles, City and County Honolulu

Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility

Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.

Monthly Energy Trend: Lanai  
Month of Apr - 2017

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	December 16	1,738	1.2%	1,731	0.7%
Residential	Consumers	December 16	1,486	0.8%	1,481	0.5%
Commercial	Consumers	December 16	248	3.3%	245	2.0%
Street Lights	Consumers	December 16	4	0.0%	4	0.0%
<b>Electric Meters</b>						
All Sectors	Meters	December 16	1,742	1.2%	1,735	0.8%
Residential	Meters	December 16	1,486	0.8%	1,482	0.6%
Commercial	Meters	December 16	255	3.2%	252	2.0%
Street Lights	Meters	December 16	1	0.0%	1	0.0%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	December 16	2,607,734	16.0%	29,997,319	16.2%
Residential	KWH	December 16	704,300	4.0%	7,568,809	1.0%
Commercial	KWH	December 16	1,893,035	21.3%	22,304,070	22.5%
Street Lights	KWH	December 16	10,399	0.0%	124,440	-0.5%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	December 16	910,999	12.4%	10,083,014	2.4%
Residential	Dollars	December 16	243,222	2.5%	2,537,161	-10.0%
Commercial	Dollars	December 16	664,173	16.7%	7,505,221	7.6%
Street Lights	Dollars	December 16	3,604	-0.1%	40,632	-11.8%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	December 16	34.93	-3.0%	33.61	-11.8%
Residential	Cents/KWh	December 16	34.53	-1.4%	33.52	-10.9%
Commercial	Cents/KWh	December 16	35.09	-3.8%	33.65	-12.2%
Street Lights	Cents/KWh	December 16	34.66	-0.1%	32.65	-11.3%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	December 16	2,736,605	16.2%	31,104,380	15.1%
Electricity Generated at the Electric Utility Stations	KWH	December 16	2,698,310	19.1%	29,605,590	14.8%
- Generated by Steam	KWH	December 16	-	N/A	-	N/A
- Generated by Diesel	KWH	December 16	2,698,310	19.1%	29,605,590	14.8%
- Generated by Hydro and Wind	KWH	December 16	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	December 16	120,152	-26.7%	2,479,196	16.2%
Electricity Used by Electric Utility Stations	KWH	December 16	81,857	10.9%	920,406	2.0%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 16	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	December 16	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	4,657	9.8%	52,528	13.6%
Total Cost of Oil Consumed	Dollars	December 16	446,773	10.6%	4,143,981	-14.8%
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	95.94	0.8%	78.89	-25.0%
Month-end price per barrel	Dollars	December 16	91.4	5.9%	85.35	-16.8%
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0.166	-7.1%	0.148	-21.7%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 16	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	December 16	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0	N/A	N/A	N/A
<b>Energy Cost Adjustment Factor</b>						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	April 17	-0.10875	-28.5%	-0.11232	-22.8%

Source:

NYMEX WTI Prices, New York Mercantile Exchange

Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration

Foreign Imports, US Department of Energy, Energy Information Administration

Gasoline and Diesel Prices, American Automobile Association

Fuel Surcharges, Matson Navigation Company

Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)

Registered Vehicles, City and County Honolulu

Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility

Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism,

Research & Economic Analysis Division.

Monthly Energy Trend: Molokai  
Month of Apr - 2017

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	December 16	3,212	0.0%	3,212	0.6%
Residential	Consumers	December 16	2,671	0.0%	2,674	0.8%
Commercial	Consumers	December 16	532	0.2%	530	-0.2%
Street Lights	Consumers	December 16	9	0.0%	9	0.0%
<b>Electric Meters</b>						
All Sectors	Meters	December 16	3,197	0.0%	3,197	0.6%
Residential	Meters	December 16	2,671	0.0%	2,674	0.7%
Commercial	Meters	December 16	526	0.4%	524	0.0%
Street Lights	Meters	December 16	-	N/A	-	N/A
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	December 16	2,362,724	-0.5%	28,169,263	-1.8%
Residential	KWH	December 16	949,979	8.3%	9,999,766	1.9%
Commercial	KWH	December 16	1,367,987	-5.4%	17,615,200	-3.8%
Street Lights	KWH	December 16	44,758	-14.5%	554,297	-0.6%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	December 16	789,237	-0.7%	8,909,796	-14.8%
Residential	Dollars	December 16	311,442	6.8%	3,270,466	-11.3%
Commercial	Dollars	December 16	463,432	-4.7%	5,473,037	-16.7%
Street Lights	Dollars	December 16	14,363	-13.8%	166,293	-14.8%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	December 16	33.40	-0.2%	31.63	-13.2%
Residential	Cents/KWh	December 16	32.78	-1.4%	32.71	-13.0%
Commercial	Cents/KWh	December 16	33.88	0.7%	31.07	-13.4%
Street Lights	Cents/KWh	December 16	32.09	0.8%	30.00	-14.2%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	December 16	2,620,586	0.4%	30,876,807	-1.9%
Electricity Generated at the Electric Utility Stations	KWH	December 16	2,739,140	1.0%	32,180,040	-1.5%
- Generated by Steam	KWH	December 16	-	N/A	-	N/A
- Generated by Diesel	KWH	December 16	2,739,140	1.0%	32,180,040	-1.5%
- Generated by Hydro and Wind	KWH	December 16	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	December 16	231	-37.4%	5,237	-43.3%
Electricity Used by Electric Utility Stations	KWH	December 16	118,785	14.2%	1,308,470	6.9%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 16	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	December 16	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	4,642	0.0%	55,342	-0.1%
Total Cost of Oil Consumed	Dollars	December 16	370,633	2.4%	3,846,332	-25.2%
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	79.84	2.4%	69.50	-25.1%
Month-end price per barrel	Dollars	December 16	78.96	2.9%	69.30	-22.5%
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0.135	1.3%	0.118	-24.9%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 16	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	December 16	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0	N/A	N/A	N/A
<b>Energy Cost Adjustment Factor</b>						
Schedules R, G, J, H, P, F, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	April 17	-0.08432	-37.0%	-0.08558	-27.6%

Source:

NYMEX WTI Prices, New York Mercantile Exchange

Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration

Foreign Imports, US Department of Energy, Energy Information Administration

Gasoline and Diesel Prices, American Automobile Association

Fuel Surcharges, Matson Navigation Company

Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)

Registered Vehicles, City and County Honolulu

Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility

Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism,

Research & Economic Analysis Division.

Monthly Energy Trend: Hawaii						
Month of Apr - 2017						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Gasoline and Diesel Prices (Hilo only)</b>						
Gasoline - Regular	\$ per Gallon	April 17	3.037	15.4%	3.036	17.7%
Gasoline - Mid Grade	\$ per Gallon	April 17	3.157	16.0%	3.145	17.6%
Gasoline - Premium	\$ per Gallon	April 17	3.299	15.8%	3.312	18.5%
Diesel	\$ per Gallon	April 17	4.110	1.6%	4.097	0.5%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	February 17	-	N/A	-	N/A
Distillate	1000 Barrels	February 17	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	February 17	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	February 17	-	N/A	-	N/A
Propane	1000 Barrels	February 17	18	-10.0%	38	-22.4%
Fuel Ethanol	1000 Barrels	February 17	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	February 17	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	February 17	6,535,799	-25.2%	13,586,026	1.1%
Diesel Oil (non-hwy)	Gallons	February 17	578,400	-9.6%	1,342,554	15.1%
Diesel Oil (hwy use)	Gallons	February 17	896,623	-10.2%	1,970,560	11.5%
LPG (off hwy)	Gallons	February 17	-	N/A	-	N/A
LPG (hwy use)	Gallons	February 17	13	N/A	13	N/A
Small Boat (gas)	Gallons	February 17	-	-100.0%	-	-100.0%
Small Boat (diesel)	Gallons	February 17	-	N/A	-	N/A
Aviation Fuel	Gallons	February 17	3,039,213	-22.0%	6,076,973	15.3%
Other Fuel	Gallons	February 17	323,671	62.8%	966,813	283.3%
Agricultural Refund	Gallons	February 17	-	N/A	51,372	-23.0%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	April 17	261	33.8%	251	30.9%
Passenger, Diesel	Vehicle	April 17	2,930	-1.5%	2,933	-1.5%
Passenger, Gasoline	Vehicle	April 17	172,162	0.1%	171,479	0.1%
Passenger, Hybrid	Vehicle	April 17	3,077	13.5%	3,038	13.3%
Passenger, Misc Fuel	Vehicle	April 17	444	1133.3%	445	1093.3%
Freight, Electric	Vehicle	April 17	1	N/A	1	N/A
Freight, Diesel	Vehicle	April 17	6,716	2.1%	6,692	2.2%
Freight, Gasoline	Vehicle	April 17	6,333	3.7%	6,321	4.2%
Freight, Hybrid	Vehicle	April 17	1	-50.0%	1	-16.7%
Freight, Misc Fuel	Vehicle	April 17	9	12.5%	9	12.5%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electric Consumers</b>						
All Sectors	Consumers	December 16	85,029	0.9%	84,609	0.9%
Residential	Consumers	December 16	71,892	0.9%	71,518	1.0%
Commercial	Consumers	December 16	12,962	0.5%	12,910	0.5%
Street Lights	Consumers	December 16	175	-10.3%	181	-10.8%
<b>Electric Meters</b>						
All Sectors	Meters	December 16	84,664	0.9%	84,235	0.9%
Residential	Meters	December 16	71,892	0.9%	71,519	1.0%
Commercial	Meters	December 16	12,744	0.6%	12,689	0.5%
Street Lights	Meters	December 16	28	7.7%	27	2.2%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	December 16	92,642,559	2.4%	1,067,398,179	0.2%
Residential	KWH	December 16	36,591,061	6.3%	385,979,013	-0.6%
Commercial	KWH	December 16	55,779,214	0.2%	678,249,071	1.0%
Street Lights	KWH	December 16	272,284	-29.5%	3,170,095	-34.6%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	December 16	27,830,127	2.0%	309,521,305	-10.0%
Residential	Dollars	December 16	11,505,397	4.8%	121,650,402	-9.6%
Commercial	Dollars	December 16	16,236,499	0.3%	186,885,641	-10.0%
Street Lights	Dollars	December 16	88,231	-26.3%	985,262	-36.2%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	December 16	30.04	-0.4%	29.00	-10.2%
Residential	Cents/KWh	December 16	31.44	-1.5%	31.52	-9.0%
Commercial	Cents/KWh	December 16	29.11	0.1%	27.55	-10.9%
Street Lights	Cents/KWh	December 16	32.40	4.5%	31.08	-2.4%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	December 16	98,093,358	0.3%	1,145,714,147	0.2%
Electricity Generated at the Electric Utility Stations	KWH	December 16	46,326,096	10.2%	594,719,094	11.0%
- Generated by Steam	KWH	December 16	17,117,192	-23.0%	254,076,242	31.1%
- Generated by Diesel	KWH	December 16	27,915,054	57.0%	323,677,332	1.1%
- Generated by Hydro and Wind	KWH	December 16	1,293,850	-36.2%	16,965,520	-22.4%
Electricity Purchased from Independent Power Plant	KWH	December 16	54,055,813	-6.1%	578,328,742	-8.4%
Electricity Used by Electric Utility Stations	KWH	December 16	2,288,551	28.2%	27,333,689	16.0%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	34,850	-20.7%	509,692	31.5%
Total Cost of Oil Consumed	Dollars	December 16	1,806,133	-10.4%	19,007,619	-19.4%
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	51.83	13.0%	37.29	-38.8%
Month-end price per barrel	Dollars	December 16	51.63	12.6%	37.81	-39.5%
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0.106	16.3%	0.076	-38.3%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December 16	43,893	39.3%	524,602	0.6%
Total Cost of Oil Consumed	Dollars	December 16	3,419,474	38.2%	36,086,228	-25.2%
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	77.90	-0.8%	68.79	-25.6%
Month-end price per barrel	Dollars	December 16	74.62	-1.0%	66.04	-25.8%
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0.156	-5.3%	0.143	-23.2%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	December-16	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December 16	0	N/A	0	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December 16	0.00	N/A	0.00	N/A
Month-end price per barrel	Dollars	December 16	0.00	N/A	0.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December 16	0.000	N/A	0.000	N/A
<b>Energy Cost Adjustment Factor</b>						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	April 17	-0.02425	-48.6%	-0.02624	-31.0%

Source:

NYMEX WTI Prices, New York Mercantile Exchange

Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration

Foreign Imports, US Department of Energy, Energy Information Administration

Gasoline and Diesel Prices, American Automobile Association

Fuel Surcharges, Matson Navigation Company

Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)

Registered Vehicles, City and County Honolulu

Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility

Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.



Monthly Energy Trend: Kauai  
Month of Apr - 2017

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
<b>Gasoline and Diesel Prices</b>						
Gasoline - Regular	\$ per Gallon	February-16	2.887	-13.3%	2.890	-18.7%
Gasoline - Mid Grade	\$ per Gallon	February-16	3.012	-13.6%	3.011	-18.4%
Gasoline - Premium	\$ per Gallon	February-16	3.102	-14.0%	3.102	-18.6%
Diesel	\$ per Gallon	February-16	4.279	2.9%	4.282	1.3%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	February-17	-	N/A	-	N/A
Distillate	1000 Barrels	February-17	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	February-17	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	February-17	-	N/A	-	N/A
Propane	1000 Barrels	February-17	10	-16.7%	52	116.7%
Fuel Ethanol	1000 Barrels	February-17	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	February-17	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	February 17	2,319,460	-46.0%	4,837,706	3.0%
Diesel Oil (non-hwy)	Gallons	February 17	868,246	-60.8%	1,693,536	-29.7%
Diesel Oil (hwy use)	Gallons	February 17	279,434	0.7%	494,783	-1.4%
LPG (off hwy)	Gallons	February 17	-	N/A	-	N/A
LPG (hwy use)	Gallons	February 17	62	-54.8%	116	-63.3%
Small Boat (gas)	Gallons	February 17	-	-100.0%	-	-100.0%
Small Boat (diesel)	Gallons	February 17	-	N/A	-	N/A
Aviation Fuel	Gallons	February 17	1,696,030	-21.5%	3,677,351	3.4%
Other Fuel	Gallons	February 17	993,942	2474.3%	2,243,147	5709.7%
Agricultural Refund	Gallons	February 17	-	-100.0%	-	-100.0%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	April-17	189	24.3%	179	23.9%
Passenger, Diesel	Vehicle	April-17	1,061	-1.0%	1,066	-0.8%
Passenger, Gasoline	Vehicle	April-17	73,389	-1.2%	73,417	-1.1%
Passenger, Hybrid	Vehicle	April-17	1,097	8.8%	1,080	7.2%
Passenger, Misc Fuel	Vehicle	April-17	87	443.8%	88	438.5%
Freight, Electric	Vehicle	April-17	-	N/A	-	N/A
Freight, Diesel	Vehicle	April-17	2,099	5.4%	2,086	4.7%
Freight, Gasoline	Vehicle	April-17	1,794	2.5%	1,788	1.7%
Freight, Hybrid	Vehicle	April-17	2	100.0%	2	100.0%
Freight, Misc Fuel	Vehicle	April-17	-	-100.0%	-	-100.0%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	March-17	37,236	1.0%	37,160	0.8%
Residential	Consumers	March-17	28,723	0.8%	28,700	0.7%
Commercial	Consumers	March-17	4,797	1.5%	4,791	1.4%
Street Lights	Consumers	March-17	3,716	1.9%	3,670	0.6%
<b>Electric Meters</b>						
All Sectors	Meters	March-17	37,236	1.0%	37,160	0.8%
Residential	Meters	March-17	28,723	0.8%	28,700	0.7%
Commercial	Meters	March-17	4,797	1.5%	4,791	1.4%
Street Lights	Meters	March-17	3,716	1.9%	3,670	0.6%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	March-17	35,632,783	12.7%	104,404,873	4.9%
Residential	KWH	March-17	13,471,474	11.2%	40,633,246	5.9%
Commercial	KWH	March-17	22,090,065	14.7%	63,531,666	5.1%
Street Lights	KWH	March-17	71,244	-69.4%	239,961	-65.6%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	March-17	11,997,521	18.9%	35,133,595	8.4%
Residential	Dollars	March-17	4,711,962	18.5%	14,188,649	10.7%
Commercial	Dollars	March-17	7,227,487	20.3%	20,762,541	7.7%
Street Lights	Dollars	March-17	58,072	-46.8%	182,405	-45.1%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	March-17	33.67	5.5%	33.65	3.3%
Residential	Cents/KWh	March-17	34.98	6.5%	34.92	4.5%
Commercial	Cents/KWh	March-17	32.72	5.0%	32.68	2.5%
Street Lights	Cents/KWh	March-17	81.51	73.9%	76.01	59.6%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	March-17	37,823,639	5.3%	106,523,323	0.4%
Electricity Generated at the Electric Utility Stations	KWH	March-17	25,406,682	7.2%	74,089,510	4.9%
- Generated by Steam	KWH	March-17	1,337,470	N/A	1,685,710	177.0%
- Generated by Diesel	KWH	March-17	23,530,930	0.6%	70,608,067	2.6%
- Generated by Hydro and Wind	KWH	March-17	538,282	65.7%	1,795,733	52.7%
Electricity Purchased from Independent Power Plant	KWH	March-17	13,359,868	3.0%	34,948,208	-8.0%
Electricity Used by Electric Utility Stations	KWH	March-17	942,911	26.6%	2,514,395	0.7%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March-17	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	March-17	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March-17	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	March-17	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March-17	0.00	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March-17	43,856	9.5%	124,734	3.6%
Total Cost of Oil Consumed	Dollars	March-17	3,409,151	55.4%	9,217,321	22.9%
Ave Cost/Bbl of Oil Consumed	Dollars	March-17	77.74	41.9%	73.90	18.7%
Month-end price per barrel	Dollars	March-17	80.22	38.8%	80.15	30.8%
Cost of Oil/KWH Generated	Dollar/KWh	March-17	0.145	54.4%	0.131	20.5%
<b>Energy Cost Adjustment Factor</b>						
Schedule D, G, J, L, P, SL	\$/KWH	April-17	-0.02571	-46.5%	-0.01978	-60.7%

Source:

NYMEX WTI Prices, New York Mercantile Exchange

Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration

Foreign Imports, US Department of Energy, Energy Information Administration

Gasoline and Diesel Prices, American Automobile Association

Fuel Surcharges, Matson Navigation Company

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