



# MONTHLY ENERGY TREND HIGHLIGHTS

## JULY 2017

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### Crude Oil Prices:

In July 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 \$46.70 per barrel in July 2017 which was up \$1.90 (4.2%) per barrel from the same month last year. Compared to June 2017, it was an increase of \$1.51 (3.3%) per barrel.

### Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 2.0 million barrels of foreign crude oil in May 2017. This was a decrease of 2.2 million barrels (52.2%) from the same month last year. Compared to April 2017, it was an increase of 0.3 million barrels (16.5%).

### Gasoline Prices:

In July 2017, the regular gasoline price in Hawaii averaged \$3.051 per gallon, which was 78.3 cents per gallon (34.5%) higher than the national average for the same month.

Hawaii's regular gasoline price in July 2017 was an increase of 24.0 cents per gallon (8.5%) from the same month last year, but a decrease of 0.6 cents per gallon (0.2%) from June 2017.

The national average price for regular gasoline in July 2017 was \$2.268 per gallon, an increase of 6.4 cents per gallon (2.9%) from the same month last year, but a decrease of 4.1 cents per gallon (1.8%) from June 2017.

The average prices of regular gasoline within the State in July 2017 were as follows: Wailuku, \$3.488; Hilo, \$3.027; and Oahu, \$2.896.

### Diesel Fuel Prices:

The national average price for diesel in July 2017 was \$2.450 per gallon which was an increase of 9.7 cents (4.1%) from the same month a year ago, but a decrease of 2.9 cents (1.2%) from June 2017.

Hawaii's average price for diesel in July 2017 was \$4.017 per gallon which decreased 4.2 cents (1.0%) per gallon from the same month last year and decreased 1.2 cents per gallon (0.3%) from June 2017. Hawaii's diesel price was \$1.567 per gallon (64.0%) higher than the national average.

In July 2017, the average prices per gallon for diesel among Hawaii's market were as follows: Hilo, \$4.061; Wailuku, \$4.042; and Oahu, \$3.998.

### **Gasoline Consumption:**

Hawaii's statewide consumption for gasoline in May 2017, as measured by the gasoline tax base, was 39.5 million gallons, which decreased 0.7 million gallons (1.7%) from the same month a year ago. Gasoline in May 2017 was mainly consumed in Honolulu (62.4%), followed by Hawaii County (17.5%), Maui County (13.5%), and Kauai County (6.7%).

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

Hawaii's May 2017 consumption for highway use diesel was 4.4 million gallons, which increased 0.4 million gallons (11.1%) from the same month last year. Highway use diesel in May 2017 was mainly consumed in Honolulu (52.7%), followed by Hawaii County (27.9%), Maui County (13.1%), and Kauai County (6.3%).

### **Aviation Fuel Consumption:**

In May 2017, data from the Department of Taxation showed statewide aviation fuel consumption was 21.4 million gallons, which increased 7.3 million gallons (51.9%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (52.8%), Maui County (26.7%), Hawaii County (12.0%), and Kauai County (8.4%).

### **Registered Taxable Vehicles:**

As of July 2017, there were 1,056,103 registered passenger vehicles in the state, an increase of 21,828 vehicles (2.1%) from the same month last year and an increase of 6,465 vehicles (0.6%) from June 2017. The number of passenger gasoline vehicles was 1,015,364, which was 96.1% of total passenger vehicles. It represents an increase of 16,643 vehicles (1.7%) from the same period last year, and an increase of 6,097 vehicles (0.6%) from June 2017.

In July 2017, the number of passenger electric vehicles in the state was 6,084, an increase of 1,548 vehicles (34.1%) from the same month last year, and an increase of 158 vehicles (2.7%) from June 2017. The number of passenger hybrid vehicles in the state in this month was 24,378, accounting for 2.3% of the total passenger vehicles. It represents an increase of 11.7% from the same month last year and an increase of 0.5% from June 2017.

In July 2017, there were 46,200 registered freight gasoline vehicles, a 3.2% increase from the same period last year, and a 0.4% increase from June 2017. The number of freight diesel vehicles in July 2017 was 23,980, a 3.0% increase from the same period last year, and a 0.3% increase from June 2017.

Monthly Energy Trend: State						
Month of Jul - 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	July 17	46.70	4.2%	49.61	23.1%
Europe Brent Spot Price	\$ per Barrel	June 17	46.37	-3.9%	51.68	30.5%
<b>Gasoline and Diesel Prices</b>						
Gasoline - Regular, National	\$ per Gallon	July 17	2.268	2.9%	2.319	12.5%
Gasoline - Mid Grade, National	\$ per Gallon	July 17	2.558	3.3%	2.595	11.8%
Gasoline - Premium, National	\$ per Gallon	July 17	2.804	3.3%	2.839	11.3%
Diesel, National	\$ per Gallon	July 17	2.450	4.1%	2.502	14.6%
Gasoline - Regular, State	\$ per Gallon	July 17	3.051	8.5%	3.064	15.2%
Gasoline - Mid Grade, State	\$ per Gallon	July 17	3.175	9.3%	3.176	14.8%
Gasoline - Premium, State	\$ per Gallon	July 17	3.296	10.0%	3.305	15.6%
Diesel, State	\$ per Gallon	July 17	4.017	-1.0%	4.051	-2.0%
<b>Fuel Surcharges</b>						
Matson Navigation Company	Percentage	July 17	24.50%	0.0%	24.50%	0.0%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	May 17	2,030	-52.2%	7,176	-45.6%
Distillate	1000 Barrels	May 17	-	-100.0%	-	-100.0%
Jet Fuel, Kerosene	1000 Barrels	May 17	300	-34.1%	3,223	26.1%
Residual Fuel Oil	1000 Barrels	May 17	-	-100.0%	-	-100.0%
Propane	1000 Barrels	May 17	59	-22.4%	330	6.8%
Fuel Ethanol	1000 Barrels	May 17	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	May 17	-	-100.0%	70	-55.7%
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	May 17	39,492,990	-1.7%	193,196,700	-1.1%
Diesel Oil (non-hwy)	Gallons	May 17	8,575,812	-24.2%	58,453,661	-4.2%
Diesel Oil (hwy use)	Gallons	May 17	4,354,965	11.1%	18,922,986	-5.0%
LPG (off hwy)	Gallons	May 17	-	N/A	-	N/A
LPG (hwy use)	Gallons	May 17	390	-42.2%	2,476	-50.0%
Small Boat (gas)	Gallons	May 17	117,793	-11762.9%	381,662	-7.3%
Small Boat (diesel)	Gallons	May 17	282,612	-20.4%	1,440,083	14.9%
Aviation Fuel	Gallons	May 17	21,359,811	51.9%	101,810,021	41.0%
Other Fuel	Gallons	May 17	2,639,956	93.6%	9,771,408	363.0%
Agricultural Refund	Gallons	May 17	19,496	326.0%	93,482	-66.7%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	July 17	6,084	34.1%	5,643	30.4%
Passenger, Diesel	Vehicle	July 17	8,988	-0.3%	8,956	-2.0%
Passenger, Gasoline	Vehicle	July 17	1,015,364	1.7%	1,009,240	0.1%
Passenger, Hybrid	Vehicle	July 17	24,378	11.7%	24,036	11.3%
Passenger, Misc Fuel	Vehicle	July 17	1,289	608.2%	1,287	583.2%
Freight, Electric	Vehicle	July 17	7	16.7%	7	37.1%
Freight, Diesel	Vehicle	July 17	23,980	3.0%	23,658	1.9%
Freight, Gasoline	Vehicle	July 17	46,200	3.2%	45,847	2.6%
Freight, Hybrid	Vehicle	July 17	96	-3.0%	98	1.6%
Freight, Misc Fuel	Vehicle	July 17	100	-2.9%	101	-5.2%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	March 17	497,960	0.5%	497,626	0.5%
Residential	Consumers	March 17	432,123	0.5%	431,853	0.5%
Commercial	Consumers	March 17	61,314	0.4%	61,297	0.5%
Street Lights	Consumers	March 17	4,523	1.0%	4,476	-0.1%
<b>Electric Meters</b>						
All sectors	Meters	March 17	497,030	0.5%	496,696	0.5%
Residential	Meters	March 17	432,128	0.5%	431,861	0.6%
Commercial	Meters	March 17	61,026	0.4%	61,005	0.5%
Street Lights	Meters	March 17	3,876	1.9%	3,830	0.7%
<b>Electricity Sale (KWH sold)</b>						
All Sectors	KWH	March 17	752,913,071	3.2%	2,142,440,713	-1.9%
Residential	KWH	March 17	203,228,177	8.1%	593,064,857	1.3%
Commercial	KWH	March 17	545,795,072	1.7%	1,538,598,370	-3.1%
Street Lights	KWH	March 17	3,889,822	-10.9%	10,777,486	-11.3%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	March 17	193,939,782	13.9%	551,235,361	7.7%
Residential	Dollars	March 17	60,177,732	15.2%	173,680,781	8.6%
Commercial	Dollars	March 17	132,739,791	13.4%	374,721,661	7.4%
Street Lights	Dollars	March 17	1,022,259	-1.3%	2,832,919	-4.4%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	March 17	25.76	10.3%	25.73	9.8%
Residential	Cents/KWh	March 17	29.61	6.6%	29.29	7.2%
Commercial	Cents/KWh	March 17	24.32	11.6%	24.35	10.7%
Street Lights	Cents/KWh	March 17	26.28	10.8%	26.29	7.8%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	March 17	792,760,841	2.2%	2,251,969,054	-2.0%
Electricity Generated at the Electric Utility Stations	KWH	March 17	506,908,166	16.2%	1,416,837,082	1.4%
- Generated by Steam	KWH	March 17	364,756,676	20.1%	1,028,348,634	3.2%
- Generated by Diesel	KWH	March 17	134,421,174	2.7%	368,865,778	-4.5%
- Generated by Biodiesel	KWH	March 17	3,988,224	196.8%	12,031,237	4.6%
- Generated by Hydro and Wind	KWH	March 17	742,092	50.0%	4,591,433	70.8%
Electricity Purchased from Independent Power Plant	KWH	March 17	313,082,416	-13.9%	913,246,374	-6.4%
Electricity Used by Electric Utility Stations	KWH	March 17	27,229,741	12.4%	78,114,402	3.1%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 17	596,055	20.6%	1,673,668	3.3%
Total Cost of Oil Consumed	Dollars	March 17	38,377,544	98.3%	103,601,702	38.0%
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	64.39	64.5%	61.90	33.5%
Month-end price per barrel	Dollars	March 17	57.66	76.9%	56.40	52.7%
Cost of Oil/KWH Generated	Dollar/KWh	March 17	0.112	65.0%	0.107	34.9%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 17	222,485	7.0%	598,488	-3.0%
Total Cost of Oil Consumed	Dollars	March 17	17,376,270	42.0%	46,352,404	14.1%
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	78.10	32.7%	77.45	17.6%
Month-end price per barrel	Dollars	March 17	81.51	32.8%	80.50	22.3%
Cost of Oil/KWH Generated	Dollar/KWh	March 17	0.137	38.1%	0.133	19.7%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 17	20,309	477.3%	43,556	30.9%
Total Cost of Oil Consumed	Dollars	March 17	1,781,153	248.4%	3,532,933	-32.6%
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	87.70	-39.6%	81.11	-48.5%
Month-end price per barrel	Dollars	March 17	104.71	-37.9%	89.55	-41.7%
Cost of Oil/KWH Generated	Dollar/KWh	March 17	0.272	78.2%	0.264	-32.4%

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., 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: Oahu						
Month of Jul - 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	July 17	2.896	10.5%	2.922	18.5%
Gasoline - Mid Grade	\$ per Gallon	July 17	3.029	10.7%	3.048	18.2%
Gasoline - Premium	\$ per Gallon	July 17	3.166	11.8%	3.191	19.4%
Diesel	\$ per Gallon	July 17	3.998	-0.4%	4.039	-0.6%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	May 17	2,030	-52.2%	7,176	-45.6%
Distillate	1000 Barrels	May 17	-	-100.0%	-	-100.0%
Jet Fuel, Kerosene	1000 Barrels	May 17	300	-34.1%	3,223	26.1%
Residual Fuel Oil	1000 Barrels	May 17	-	-100.0%	-	-100.0%
Propane	1000 Barrels	May 17	-	-100.0%	14	-75.9%
Fuel Ethanol	1000 Barrels	May 17	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	May 17	-	-100.0%	70	-55.7%
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	May 17	24,642,215	-5.1%	119,262,544	-2.7%
Diesel Oil (non-hwy)	Gallons	May 17	5,576,383	-38.0%	44,821,145	-4.2%
Diesel Oil (hwy use)	Gallons	May 17	2,296,915	-7.7%	9,739,137	-17.5%
LPG (off hwy)	Gallons	May 17	-	N/A	-	N/A
LPG (hwy use)	Gallons	May 17	298	-48.0%	2,098	-50.9%
Small Boat (gas)	Gallons	May 17	84,015	-10843.6%	229,401	-4.2%
Small Boat (diesel)	Gallons	May 17	282,612	-20.4%	1,440,083	14.9%
Aviation Fuel	Gallons	May 17	11,273,993	160.8%	46,268,816	130.9%
Other Fuel	Gallons	May 17	134,935	-65.8%	638,173	45.8%
Agricultural Refund	Gallons	May 17	19,496	326.0%	40,376	-47.0%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	July 17	4,769	38.2%	4,391	33.6%
Passenger, Diesel	Vehicle	July 17	3,373	-1.5%	3,375	-3.5%
Passenger, Gasoline	Vehicle	July 17	608,992	1.5%	605,981	0.1%
Passenger, Hybrid	Vehicle	July 17	16,700	8.1%	16,472	7.8%
Passenger, Misc Fuel	Vehicle	July 17	524	394.3%	523	372.6%
Freight, Electric	Vehicle	July 17	6	20.0%	6	24.2%
Freight, Diesel	Vehicle	July 17	11,501	2.9%	11,412	2.2%
Freight, Gasoline	Vehicle	July 17	32,200	3.3%	31,907	2.4%
Freight, Hybrid	Vehicle	July 17	90	-3.2%	91	1.3%
Freight, Misc Fuel	Vehicle	July 17	87	-3.3%	87	-6.3%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	March 17	304,645	0.4%	304,467	0.4%
Residential	Consumers	March 17	270,849	0.5%	270,671	0.4%
Commercial	Consumers	March 17	33,385	0.1%	33,385	0.2%
Street Lights	Consumers	March 17	411	-1.4%	410	-2.2%
<b>Electric Meters</b>						
All Sectors	Meters	March 17	304,303	0.4%	304,126	0.4%
Residential	Meters	March 17	270,853	0.5%	270,679	0.4%
Commercial	Meters	March 17	33,333	0.1%	33,330	0.2%
Street Lights	Meters	March 17	117	0.0%	117	0.0%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	March 17	537,828,176	3.5%	1,524,751,994	-2.1%
Residential	KWH	March 17	126,690,497	9.2%	367,162,068	0.8%
Commercial	KWH	March 17	408,114,512	1.9%	1,149,222,631	-3.0%
Street Lights	KWH	March 17	3,023,167	-6.2%	8,367,295	-5.3%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	March 17	128,027,153	14.4%	361,310,944	7.7%
Residential	Dollars	March 17	35,316,065	15.2%	100,472,557	7.1%
Commercial	Dollars	March 17	91,979,824	14.2%	258,819,509	7.9%
Street Lights	Dollars	March 17	731,264	6.4%	2,018,878	4.3%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	March 17	23.80	10.6%	23.70	10.0%
Residential	Cents/KWh	March 17	27.88	5.5%	27.36	6.3%
Commercial	Cents/KWh	March 17	22.54	12.1%	22.52	11.2%
Street Lights	Cents/KWh	March 17	24.19	13.3%	24.13	10.1%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	March 17	564,647,362	2.8%	1,599,434,595	-1.9%
Electricity Generated at the Electric Utility Stations	KWH	March 17	341,343,564	24.4%	952,742,608	4.2%
- Generated by Steam	KWH	March 17	329,343,700	20.9%	931,057,500	3.3%
- Generated by Diesel	KWH	March 17	5,011,640	682.8%	6,653,871	246.4%
- Generated by Biodiesel	KWH	March 17	3,988,224	196.8%	12,031,237	4.6%
- Generated by Hydro and Wind	KWH	March 17	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	March 17	243,424,808	-16.9%	705,011,012	-8.7%
Electricity Used by Electric Utility Stations	KWH	March 17	20,121,010	11.6%	58,319,025	2.2%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 17	523,855	21.6%	1,471,626	3.4%
Total Cost of Oil Consumed	Dollars	March 17	34,592,006	99.6%	93,069,194	36.7%
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	66.03	64.1%	63.24	32.2%
Month-end price per barrel	Dollars	March 17	69.70	100.1%	65.95	63.7%
Cost of Oil/KWH Generated	Dollar/KWh	March 17	0.112	64.3%	0.107	33.4%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 17	14,527	300.6%	20,133	90.5%
Total Cost of Oil Consumed	Dollars	March 17	1,010,206	279.9%	1,398,877	81.2%
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	69.54	-5.2%	69.48	-4.9%
Month-end price per barrel	Dollars	March 17	70.98	12.0%	69.81	0.0%
Cost of Oil/KWH Generated	Dollar/KWh	March 17	0.204	-54.6%	0.300	-36.0%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 17	20,309	477.3%	43,556	30.9%
Total Cost of Oil Consumed	Dollars	March 17	1,781,153	248.4%	3,532,933	-32.6%
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	87.70	-39.6%	81.11	-48.5%
Month-end price per barrel	Dollars	March 17	104.71	-37.9%	89.55	-41.7%
Cost of Oil/KWH Generated	Dollar/KWh	March 17	0.272	78.2%	0.264	-32.4%
<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	July 17	-0.02003	-48.0%	-0.01980	-58.4%

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: Maui						
Month of Jul - 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	July 17	3.488	6.3%	3.490	10.2%
Gasoline - Mid Grade	\$ per Gallon	July 17	3.619	6.5%	3.620	10.0%
Gasoline - Premium	\$ per Gallon	July 17	3.710	6.8%	3.706	9.9%
Diesel	\$ per Gallon	July 17	4.042	-2.1%	4.057	-0.7%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	May 17	-	N/A	-	N/A
Distillate	1000 Barrels	May 17	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	May 17	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	May 17	-	N/A	-	N/A
Propane	1000 Barrels	May 17	29	61.1%	116	52.6%
Fuel Ethanol	1000 Barrels	May 17	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	May 17	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	May 17	5,327,313	7.1%	26,971,199	0.3%
Diesel Oil (non-hwy)	Gallons	May 17	1,094,440	17.9%	4,685,894	-29.3%
Diesel Oil (hwy use)	Gallons	May 17	568,815	60.1%	2,966,280	24.9%
LPG (off hwy)	Gallons	May 17	-	N/A	-	N/A
LPG (hwy use)	Gallons	May 17	8	N/A	27	N/A
Small Boat (gas)	Gallons	May 17	10,315	N/A	84,030	41499.2%
Small Boat (diesel)	Gallons	May 17	-	N/A	-	N/A
Aviation Fuel	Gallons	May 17	5,709,848	-0.3%	31,244,887	1.5%
Other Fuel	Gallons	May 17	32,912	21.7%	149,859	19.5%
Agricultural Refund	Gallons	May 17	-	N/A	-	-100.0%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	July 17	830	15.1%	802	15.7%
Passenger, Diesel	Vehicle	July 17	1,615	1.4%	1,584	-1.4%
Passenger, Gasoline	Vehicle	July 17	158,228	0.8%	157,496	-0.4%
Passenger, Hybrid	Vehicle	July 17	3,441	30.3%	3,405	30.3%
Passenger, Misc Fuel	Vehicle	July 17	235	879.2%	233	832.0%
Freight, Electric	Vehicle	July 17	-	N/A	-	N/A
Freight, Diesel	Vehicle	July 17	3,592	2.3%	3,432	-1.8%
Freight, Gasoline	Vehicle	July 17	5,839	1.9%	5,817	2.1%
Freight, Hybrid	Vehicle	July 17	3	0.0%	3	0.0%
Freight, Misc Fuel	Vehicle	July 17	5	25.0%	5	16.7%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	March 17	65,958	0.4%	65,944	0.4%
Residential	Consumers	March 17	56,358	0.4%	56,339	0.4%
Commercial	Consumers	March 17	9,392	0.8%	9,396	0.9%
Street Lights	Consumers	March 17	208	0.5%	209	0.8%
<b>Electric Meters</b>						
All Sectors	Meters	March 17	65,746	0.4%	65,731	0.4%
Residential	Meters	March 17	56,359	0.4%	56,340	0.4%
Commercial	Meters	March 17	9,373	0.8%	9,377	0.9%
Street Lights	Meters	March 17	14	0.0%	14	0.0%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	March 17	85,915,536	1.3%	245,814,695	-4.0%
Residential	KWH	March 17	29,068,307	6.1%	84,032,868	-0.7%
Commercial	KWH	March 17	56,360,824	-1.0%	160,451,112	-5.6%
Street Lights	KWH	March 17	486,405	0.5%	1,330,715	-5.2%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	March 17	24,500,589	13.1%	71,440,321	7.1%
Residential	Dollars	March 17	8,649,563	16.3%	25,387,373	9.5%
Commercial	Dollars	March 17	15,721,291	11.4%	45,698,920	5.8%
Street Lights	Dollars	March 17	129,735	13.9%	354,028	3.7%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	March 17	28.52	11.7%	29.06	11.5%
Residential	Cents/KWh	March 17	29.76	9.7%	30.21	10.3%
Commercial	Cents/KWh	March 17	27.89	12.5%	28.48	12.1%
Street Lights	Cents/KWh	March 17	26.67	13.3%	26.60	9.3%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	March 17	90,776,816	-0.2%	259,142,680	-3.8%
Electricity Generated at the Electric Utility Stations	KWH	March 17	82,816,048	4.0%	226,094,020	-6.6%
- Generated by Steam	KWH	March 17	14,816,000	66.5%	42,926,900	72.7%
- Generated by Diesel	KWH	March 17	68,000,048	-3.9%	183,167,120	-15.7%
- Generated by Hydro and Wind	KWH	March 17	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	March 17	11,366,398	-20.9%	42,429,270	16.4%
Electricity Used by Electric Utility Stations	KWH	March 17	3,405,630	11.3%	9,380,610	2.3%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 17	33,057	70.7%	95,001	70.9%
Total Cost of Oil Consumed	Dollars	March 17	1,680,254	139.9%	4,846,162	123.8%
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	50.83	40.5%	51.01	31.0%
Month-end price per barrel	Dollars	March 17	49.71	50.2%	50.35	38.6%
Cost of Oil/KWH Generated	Dollar/KWh	March 17	0.113	44.1%	0.113	29.0%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 17	104,548	-1.6%	282,640	-13.3%
Total Cost of Oil Consumed	Dollars	March 17	7,996,541	32.3%	21,960,277	3.1%
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	76.49	34.5%	77.70	18.9%
Month-end price per barrel	Dollars	March 17	78.76	47.2%	77.73	35.2%
Cost of Oil/KWH Generated	Dollar/KWh	March 17	0.118	37.5%	0.120	23.2%
<b>Biodiesel 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	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	-	N/A	-	N/A
Month-end price per barrel	Dollars	March 17	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 17	-	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	July 17	-0.05635	-23.2%	-0.06830	-24.2%

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., 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 Jul - 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	March 17	1,733	0.6%	1,734	0.9%
Residential	Consumers	March 17	1,482	0.5%	1,483	0.7%
Commercial	Consumers	March 17	247	1.2%	247	2.1%
Street Lights	Consumers	March 17	4	0.0%	4	0.0%
<b>Electric Meters</b>						
All Sectors	Meters	March 17	1,737	0.6%	1,738	0.7%
Residential	Meters	March 17	1,482	0.5%	1,483	0.5%
Commercial	Meters	March 17	254	1.2%	254	2.0%
Street Lights	Meters	March 17	1	0.0%	1	0.0%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	March 17	2,608,918	6.6%	7,204,635	3.9%
Residential	KWH	March 17	659,820	3.2%	1,828,278	-0.6%
Commercial	KWH	March 17	1,937,402	7.7%	5,345,247	5.6%
Street Lights	KWH	March 17	11,696	12.2%	31,110	0.0%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	March 17	927,361	22.1%	2,547,931	12.6%
Residential	Dollars	March 17	232,549	16.9%	640,728	7.2%
Commercial	Dollars	March 17	690,751	23.9%	1,896,513	14.5%
Street Lights	Dollars	March 17	4,061	30.0%	10,690	9.1%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	March 17	35.55	14.6%	35.37	8.3%
Residential	Cents/KWh	March 17	35.24	13.4%	35.05	7.9%
Commercial	Cents/KWh	March 17	35.65	15.0%	35.48	8.4%
Street Lights	Cents/KWh	March 17	34.72	15.9%	34.36	9.1%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	March 17	2,719,984	7.8%	7,538,583	3.8%
Electricity Generated at the Electric Utility Stations	KWH	March 17	2,574,110	9.2%	7,224,960	5.9%
- Generated by Steam	KWH	March 17	-	N/A	-	N/A
- Generated by Diesel	KWH	March 17	2,574,110	9.2%	7,224,960	5.9%
- Generated by Hydro and Wind	KWH	March 17	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	March 17	227,200	-8.3%	548,353	-18.3%
Electricity Used by Electric Utility Stations	KWH	March 17	81,326	0.5%	234,730	1.3%
<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	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	March 17	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 17	0	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 17	4,375	7.6%	12,283	4.8%
Total Cost of Oil Consumed	Dollars	March 17	422,243	49.8%	1,159,368	102.0%
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	96.51	39.3%	94.39	92.8%
Month-end price per barrel	Dollars	March 17	97.41	35.7%	96.33	32.0%
Cost of Oil/KWH Generated	Dollar/KWh	March 17	0.164	37.2%	0.160	23.6%
<b>Biodiesel 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	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	March 17	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 17	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	July 17	-0.11181	-5.5%	-0.11322	-17.9%

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: Molokai  
Month of Jul - 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	March 17	3,196	-0.4%	3,198	-0.5%
Residential	Consumers	March 17	2,662	-0.4%	2,663	-0.4%
Commercial	Consumers	March 17	525	-0.8%	526	-0.7%
Street Lights	Consumers	March 17	9	0.0%	9	0.0%
<b>Electric Meters</b>						
All Sectors	Meters	March 17	3,181	-0.4%	3,183	-0.4%
Residential	Meters	March 17	2,662	-0.4%	2,663	-0.4%
Commercial	Meters	March 17	519	-0.6%	520	-0.5%
Street Lights	Meters	March 17	-	N/A	-	N/A
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	March 17	2,322,296	2.1%	6,689,568	-0.5%
Residential	KWH	March 17	873,295	11.0%	2,556,161	4.9%
Commercial	KWH	March 17	1,398,135	-2.6%	3,994,692	-3.7%
Street Lights	KWH	March 17	50,866	-2.9%	138,715	0.0%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	March 17	817,806	16.0%	2,312,252	7.1%
Residential	Dollars	March 17	312,020	22.9%	893,339	11.0%
Commercial	Dollars	March 17	488,870	12.2%	1,373,483	4.6%
Street Lights	Dollars	March 17	16,916	11.9%	45,430	8.7%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	March 17	35.22	13.7%	34.57	7.7%
Residential	Cents/KWh	March 17	35.73	10.7%	34.95	5.9%
Commercial	Cents/KWh	March 17	34.97	15.2%	34.38	8.7%
Street Lights	Cents/KWh	March 17	33.26	15.2%	32.75	8.7%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	March 17	2,550,646	1.4%	7,343,659	-1.1%
Electricity Generated at the Electric Utility Stations	KWH	March 17	2,666,760	1.7%	7,683,780	-0.7%
- Generated by Steam	KWH	March 17	-	N/A	-	N/A
- Generated by Diesel	KWH	March 17	2,666,760	1.7%	7,683,780	-0.7%
- Generated by Hydro and Wind	KWH	March 17	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	March 17	456	-13.1%	1,339	-10.8%
Electricity Used by Electric Utility Stations	KWH	March 17	116,570	8.7%	341,460	10.0%
<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	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	March 17	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 17	0	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 17	4,427	-0.3%	12,861	-1.9%
Total Cost of Oil Consumed	Dollars	March 17	377,041	32.6%	1,046,334	13.3%
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	85.17	33.0%	81.36	15.5%
Month-end price per barrel	Dollars	March 17	82.29	35.8%	82.30	26.5%
Cost of Oil/KWH Generated	Dollar/KWh	March 17	0.141	30.4%	0.136	14.1%
<b>Biodiesel 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	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	March 17	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 17	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	July 17	-0.08482	-33.1%	-0.08583	-30.6%

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

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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 Jul - 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	July 17	3.027	5.4%	3.033	13.4%
Gasoline - Mid Grade	\$ per Gallon	July 17	3.148	5.9%	3.146	13.4%
Gasoline - Premium	\$ per Gallon	July 17	3.308	7.2%	3.308	14.4%
Diesel	\$ per Gallon	July 17	4.061	0.8%	4.089	0.8%
<b>Foreign Imports</b>						
Crude Oil	1000 Barrels	May 17	-	N/A	-	N/A
Distillate	1000 Barrels	May 17	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	May 17	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	May 17	-	N/A	-	N/A
Propane	1000 Barrels	May 17	20	11.1%	106	1.0%
Fuel Ethanol	1000 Barrels	May 17	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	May 17	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	May 17	6,896,981	3.5%	34,378,390	1.9%
Diesel Oil (non-hwy)	Gallons	May 17	1,161,678	113.3%	4,366,173	49.6%
Diesel Oil (hwy use)	Gallons	May 17	1,216,639	55.6%	4,983,916	13.1%
LPG (off hwy)	Gallons	May 17	-	N/A	-	N/A
LPG (hwy use)	Gallons	May 17	7	N/A	35	N/A
Small Boat (gas)	Gallons	May 17	23,464	-10392.1%	68,230	-37.8%
Small Boat (diesel)	Gallons	May 17	-	N/A	-	N/A
Aviation Fuel	Gallons	May 17	2,573,076	14.1%	14,984,694	18.7%
Other Fuel	Gallons	May 17	1,277,762	249.0%	3,778,568	337.5%
Agricultural Refund	Gallons	May 17	-	N/A	51,372	-60.8%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	July 17	288	39.1%	263	33.6%
Passenger, Diesel	Vehicle	July 17	2,943	0.9%	2,933	-1.0%
Passenger, Gasoline	Vehicle	July 17	174,075	3.0%	172,231	0.9%
Passenger, Hybrid	Vehicle	July 17	3,119	14.8%	3,067	13.7%
Passenger, Misc Fuel	Vehicle	July 17	443	1097.3%	444	1099.2%
Freight, Electric	Vehicle	July 17	1	0.0%	1	250.0%
Freight, Diesel	Vehicle	July 17	6,744	2.6%	6,710	2.3%
Freight, Gasoline	Vehicle	July 17	6,379	4.2%	6,337	4.0%
Freight, Hybrid	Vehicle	July 17	1	-50.0%	1	-33.3%
Freight, Misc Fuel	Vehicle	July 17	8	0.0%	9	7.1%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electric Consumers</b>						
All Sectors	Consumers	March 17	85,192	0.8%	85,123	1.0%
Residential	Consumers	March 17	72,049	0.9%	71,997	1.1%
Commercial	Consumers	March 17	12,968	0.5%	12,952	0.6%
Street Lights	Consumers	March 17	175	-10.3%	174	-10.4%
<b>Electric Meters</b>						
All Sectors	Meters	March 17	84,827	0.9%	84,758	1.0%
Residential	Meters	March 17	72,049	0.9%	71,997	1.1%
Commercial	Meters	March 17	12,750	0.5%	12,733	0.7%
Street Lights	Meters	March 17	28	7.7%	28	7.7%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	March 17	88,605,362	0.1%	253,574,948	-1.7%
Residential	KWH	March 17	32,464,784	4.3%	96,852,236	3.2%
Commercial	KWH	March 17	55,894,134	-2.0%	156,053,022	-4.4%
Street Lights	KWH	March 17	246,444	-32.7%	669,690	-35.8%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	March 17	27,669,352	9.7%	78,490,318	7.8%
Residential	Dollars	March 17	10,955,573	12.7%	32,098,135	11.8%
Commercial	Dollars	March 17	16,631,568	8.1%	46,170,695	5.5%
Street Lights	Dollars	March 17	82,211	-23.1%	221,488	-26.4%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	March 17	31.23	9.7%	30.95	9.7%
Residential	Cents/KWh	March 17	33.75	8.0%	33.14	8.3%
Commercial	Cents/KWh	March 17	29.76	10.3%	29.59	10.3%
Street Lights	Cents/KWh	March 17	33.36	14.3%	33.07	14.7%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	March 17	94,242,394	-0.3%	271,986,214	-1.8%
Electricity Generated at the Electric Utility Stations	KWH	March 17	52,101,002	-2.8%	149,002,204	-3.9%
- Generated by Steam	KWH	March 17	19,259,506	-13.6%	52,678,524	-24.8%
- Generated by Diesel	KWH	March 17	32,637,686	4.8%	93,527,980	12.0%
- Generated by Hydro and Wind	KWH	March 17	203,810	19.8%	2,795,700	84.9%
Electricity Purchased from Independent Power Plant	KWH	March 17	44,703,686	3.5%	130,308,192	1.4%
Electricity Used by Electric Utility Stations	KWH	March 17	2,562,294	16.2%	7,324,182	13.2%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 17	39,143	-11.5%	107,041	-23.9%
Total Cost of Oil Consumed	Dollars	March 17	2,105,284	59.1%	5,686,346	17.5%
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	53.78	79.7%	53.12	54.3%
Month-end price per barrel	Dollars	March 17	53.57	79.3%	52.90	54.7%
Cost of Oil/KWH Generated	Dollar/KWh	March 17	0.109	84.0%	0.108	56.9%
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March 17	50,752	2.5%	145,837	8.2%
Total Cost of Oil Consumed	Dollars	March 17	4,161,088	31.4%	11,570,227	21.4%
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	81.99	28.2%	79.34	12.2%
Month-end price per barrel	Dollars	March 17	79.39	30.0%	76.67	12.2%
Cost of Oil/KWH Generated	Dollar/KWh	March 17	0.164	24.1%	0.158	7.8%
<b>Biodiesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	March-17	-	-	-	2.50
Total Cost of Oil Consumed	Dollars	March 17	0	N/A	0	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 17	0.00	N/A	0.00	N/A
Month-end price per barrel	Dollars	March 17	0.00	N/A	0.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 17	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	July 17	-0.03220	-24.2%	-0.02585	-40.8%

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: Kauai  
Month of Jul - 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	May-17	-	N/A	-	N/A
Distillate	1000 Barrels	May-17	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	May-17	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	May-17	-	N/A	-	N/A
Propane	1000 Barrels	May-17	10	-16.7%	94	34.3%
Fuel Ethanol	1000 Barrels	May-17	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	May-17	-	N/A	-	N/A
<b>Liquid Fuel Tax Base</b>						
Gasoline	Gallons	May 17	2,626,482	1.5%	12,584,566	3.5%
Diesel Oil (non-hwy)	Gallons	May 17	743,311	-12.1%	4,580,449	-1.7%
Diesel Oil (hwy use)	Gallons	May 17	272,596	-7.1%	1,233,653	-7.6%
LPG (off hwy)	Gallons	May 17	-	N/A	-	N/A
LPG (hwy use)	Gallons	May 17	77	-24.5%	316	-53.1%
Small Boat (gas)	Gallons	May 17	-	N/A	-	-100.0%
Small Boat (diesel)	Gallons	May 17	-	N/A	-	N/A
Aviation Fuel	Gallons	May 17	1,802,894	2.3%	9,311,624	6.7%
Other Fuel	Gallons	May 17	1,194,348	107.4%	5,204,808	661.5%
Agricultural Refund	Gallons	May 17	-	N/A	1,735	-81.4%
<b>Registered Vehicles, Taxable</b>						
Passenger, Electric	Vehicle	July-17	197	25.5%	186	25.4%
Passenger, Diesel	Vehicle	July-17	1,057	-2.0%	1,064	-1.0%
Passenger, Gasoline	Vehicle	July-17	74,069	1.3%	73,532	-0.5%
Passenger, Hybrid	Vehicle	July-17	1,118	10.3%	1,093	8.2%
Passenger, Misc Fuel	Vehicle	July-17	87	480.0%	87	455.5%
Freight, Electric	Vehicle	July-17	-	N/A	-	N/A
Freight, Diesel	Vehicle	July-17	2,143	6.5%	2,105	5.3%
Freight, Gasoline	Vehicle	July-17	1,782	2.5%	1,786	1.9%
Freight, Hybrid	Vehicle	July-17	2	100.0%	2	100.0%
Freight, Misc Fuel	Vehicle	July-17	-	-100.0%	-	-100.0%
<b>Electricity Production and Sale by Utility Companies</b>						
<b>Electricity Consumers</b>						
All Sectors	Consumers	June-17	37,263	0.8%	37,209	0.8%
Residential	Consumers	June-17	28,732	0.6%	28,716	0.7%
Commercial	Consumers	June-17	4,814	1.1%	4,800	1.3%
Street Lights	Consumers	June-17	3,717	1.9%	3,693	1.3%
<b>Electric Meters</b>						
All Sectors	Meters	June-17	37,263	0.8%	37,209	0.8%
Residential	Meters	June-17	28,732	0.6%	28,716	0.7%
Commercial	Meters	June-17	4,814	1.1%	4,800	1.3%
Street Lights	Meters	June-17	3,717	1.9%	3,693	1.3%
<b>Electricity Sale (KWH Sold)</b>						
All Sectors	KWH	June-17	38,319,711	2.7%	214,528,380	3.7%
Residential	KWH	June-17	14,505,413	4.0%	81,737,045	4.2%
Commercial	KWH	June-17	23,743,348	2.6%	132,338,388	4.2%
Street Lights	KWH	June-17	70,950	-69.5%	452,947	-67.6%
<b>Net Revenue of Utility Companies</b>						
All Sectors	Dollars	June-17	12,547,679	0.6%	71,558,645	6.0%
Residential	Dollars	June-17	4,946,649	2.6%	28,368,420	7.5%
Commercial	Dollars	June-17	7,542,939	0.0%	42,833,386	5.8%
Street Lights	Dollars	June-17	58,091	-49.3%	356,839	-46.7%
<b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>						
All Sectors	Cents/KWh	June-17	32.74	-2.1%	33.36	2.2%
Residential	Cents/KWh	June-17	34.10	-1.3%	34.71	3.2%
Commercial	Cents/KWh	June-17	31.77	-2.6%	32.37	1.6%
Street Lights	Cents/KWh	June-17	81.88	66.5%	78.78	64.2%
<b>Electricity Production</b>						
Electricity Sent to System by Electric Utility Companies	KWH	June-17	41,216,465	5.4%	223,311,339	2.2%
Electricity Generated at the Electric Utility Stations	KWH	June-17	24,307,545	0.1%	147,627,570	1.6%
- Generated by Steam	KWH	June-17	-	-100.0%	1,685,710	67.4%
- Generated by Diesel	KWH	June-17	23,567,666	1.9%	141,826,641	0.4%
- Generated by Hydro and Wind	KWH	June-17	739,879	-4.0%	4,115,219	32.6%
Electricity Purchased from Independent Power Plant	KWH	June-17	17,567,418	12.3%	80,344,167	3.1%
Electricity Used by Electric Utility Stations	KWH	June-17	658,498	-21.2%	4,660,398	-1.2%
<b>Fuel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	June-17	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June-17	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June-17	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	June-17	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June-17	0.00	N/A	N/A	N/A
<b>Diesel Oil Used by Utility Companies</b>						
Barrels of Oil Consumed	Barrels	June-17	39,719	-2.1%	243,840	-0.6%
Total Cost of Oil Consumed	Dollars	June-17	2,728,597	-7.7%	17,537,801	12.2%
Ave Cost/Bbl of Oil Consumed	Dollars	June-17	68.70	-5.7%	71.92	12.8%
Month-end price per barrel	Dollars	June-17	72.91	-6.1%	78.29	18.9%
Cost of Oil/KWH Generated	Dollar/KWh	June-17	0.116	-9.4%	0.124	12.0%
<b>Energy Cost Adjustment Factor</b>						
Schedule D, G, J, L, P, SL	\$/KWH	July-17	-0.03522	40.8%	-0.02479	-40.4%

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

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