



MONTHLY ENERGY TREND HIGHLIGHTS

JUNE 2018

Crude Oil Prices:

In June 2018, the crude oil price increased from the same month last year but decreased from the previous month. The crude oil price at the New York Mercantile Exchange averaged \$67.32 per barrel in June 2018 which was up \$22.13 (49.0%) per barrel from the same month last year. Compared to May 2018, it was a decrease of \$2.66 (3.8%) per barrel.

Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 3.1 million barrels of foreign crude oil in April 2018. This was an increase of 1.4 million barrels (77.6%) from the same month last year. Compared to March 2018, it was a decrease of 0.6 million barrels (17.3%).

Gasoline Prices:

In June 2018, the regular gasoline price in Hawaii averaged \$3.727 per gallon, which was 82.8 cents per gallon (28.6%) higher than the national average for the same month.

Hawaii's regular gasoline price in June 2018 was an increase of 67.0 cents per gallon (21.9%) from the same month last year, and an increase of 5.4 cents per gallon (1.5%) from May 2018.

The national average price for regular gasoline in June 2018 was \$2.899 per gallon, an increase of 59.0 cents per gallon (25.6%) from the same month last year, and an increase of 0.2 cents per gallon (0.1%) from May 2018.

The average prices of regular gasoline within the State in June 2018 were as follows: Wailuku, \$4.042; Hilo, \$3.748; and Oahu, \$3.601.

Diesel Fuel Prices:

The national average price for diesel in June 2018 was \$3.188 per gallon which was an increase of 70.9 cents (28.6%) from the same month a year ago, and an increase of 3.8 cents (1.2%) from May 2018.

Hawaii's average price for diesel in June 2018 was \$4.157 per gallon which increased 12.8 cents (3.2%) per gallon from the same month last year and increased 0.6 cents per gallon (0.1%) from May 2018. Hawaii's diesel price was \$0.968 per gallon (30.4%) higher than the national average.

In June 2018, the average prices per gallon for diesel among Hawaii's market were as follows: Hilo, \$4.269; Wailuku, \$4.235; and Oahu, \$4.111.

Gasoline Consumption:

Hawaii's statewide consumption for gasoline in April 2018, as measured by the gasoline tax base, was 38.8 million gallons, which decreased 0.5 million gallons (1.3%) from the same month a year ago. Gasoline in April 2018 was mainly consumed in Honolulu (62.1%), followed by Hawaii County (17.5%), Maui County (13.9%), and Kauai County (6.5%).

Highway Diesel Fuel Consumption:

Hawaii's April 2018 consumption for highway use diesel was 4.2 million gallons, which increased 0.3 million gallons (8.3%) from the same month last year. Highway use diesel in April 2018 was mainly consumed in Honolulu (62.2%), followed by Hawaii County (18.8%), Maui County (12.5%), and Kauai County (6.4%).

Aviation Fuel Consumption:

In April 2018, data from the Department of Taxation showed statewide aviation fuel consumption was 22.9 million gallons, which decreased 0.14 million gallons (0.6%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (37.7%), Maui County (31.7%), Hawaii County (19.2%), and Kauai County (11.5%).

Registered Taxable Vehicles:

As of June 2018, there were 1,071,264 registered passenger vehicles in the state, an increase of 21,626 vehicles (2.1%) from the same month last year and an increase of 1,318 vehicles (0.1%) from May 2018. The number of passenger gasoline vehicles was 1,028,934, which was 96.0% of total passenger vehicles. It represents an increase of 19,667 vehicles (1.9%) from the same period last year, and an increase of 1,243 vehicles (0.1%) from May 2018.

In June 2018, the number of passenger electric vehicles in the state was 7,349, an increase of 1,423 vehicles (24.0%) from the same month last year, and an increase of 111 vehicles (1.5%) from May 2018. The number of passenger hybrid vehicles in the state in this month was 25,103, accounting for 2.3% of the total passenger vehicles. It represents an increase of 3.5% from the same month last year and an increase of 0.1% from May 2018.

In June 2018, there were 47,786 registered freight gasoline vehicles, a 3.9% increase from the same period last year, and a 0.1% increase from May 2018. The number of freight diesel vehicles in June 2018 was 24,168, a 1.1% increase from the same period last year, and a 0.0% increase from May 2018.

Monthly Energy Trend: State						
Month of Jun - 2018						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Crude Oil Price						
NYMEX WTI Future Price	\$ per Barrel	June 18	67.32	49.0%	65.41	30.6%
Europe Brent Spot Price	\$ per Barrel	May 18	76.98	53.0%	69.90	32.6%
Gasoline and Diesel Prices						
Gasoline - Regular, National	\$ per Gallon	June 18	2.899	25.6%	2.695	15.8%
Gasoline - Mid Grade, National	\$ per Gallon	June 18	3.196	22.8%	2.979	14.5%
Gasoline - Premium, National	\$ per Gallon	June 18	3.445	21.0%	3.227	13.4%
Diesel, National	\$ per Gallon	June 18	3.188	28.6%	3.034	20.9%
Gasoline - Regular, State	\$ per Gallon	June 18	3.727	21.9%	3.543	15.5%
Gasoline - Mid Grade, State	\$ per Gallon	June 18	3.860	21.6%	3.657	15.1%
Gasoline - Premium, State	\$ per Gallon	June 18	3.988	20.8%	3.788	14.6%
Diesel, State	\$ per Gallon	June 18	4.157	3.2%	4.100	1.1%
Fuel Surcharges						
Matson Navigation Company	Percentage	June 18	30.00%	10.1%	29.25%	21.1%
Foreign Imports						
Crude Oil	1000 Barrels	April 18	3,095	77.6%	12,217	137.4%
Distillate	1000 Barrels	April 18	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	April 18	311	-69.7%	2,332	-20.2%
Residual Fuel Oil	1000 Barrels	April 18	-	N/A	-	N/A
Propane	1000 Barrels	April 18	55	0.0%	278	2.6%
Fuel Ethanol	1000 Barrels	April 18	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	April 18	-	N/A	-	-100.0%
Liquid Fuel Tax Base						
Gasoline	Gallons	April 18	38,786,914	-1.3%	151,415,596	-1.5%
Diesel Oil (non-hwy)	Gallons	April 18	13,546,214	-20.5%	23,764,471	-52.4%
Diesel Oil (hwy use)	Gallons	April 18	4,246,314	8.3%	15,791,780	8.4%
LPG (off hwy)	Gallons	April 18	-	N/A	-	N/A
LPG (hwy use)	Gallons	April 18	122	-43.5%	19,745	846.5%
Small Boat (gas)	Gallons	April 18	130,842	-16.9%	488,763	85.2%
Small Boat (diesel)	Gallons	April 18	-	-100.0%	740,162	-36.1%
Aviation Fuel	Gallons	April 18	22,881,546	-0.6%	92,382,705	14.8%
Other Fuel	Gallons	April 18	1,207,840	-47.2%	7,018,063	-1.6%
Agricultural Refund	Gallons	April 18	154,384	8798.2%	256,280	246.4%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	June 18	7,349	24.0%	7,037	26.4%
Passenger, Diesel	Vehicle	June 18	8,587	-3.6%	8,697	-2.8%
Passenger, Gasoline	Vehicle	June 18	1,028,934	1.9%	1,024,891	1.7%
Passenger, Hybrid	Vehicle	June 18	25,103	3.5%	25,064	4.5%
Passenger, Misc Fuel	Vehicle	June 18	1,291	0.5%	1,287	0.0%
Freight, Electric	Vehicle	June 18	12	71.4%	12	70.7%
Freight, Diesel	Vehicle	June 18	24,168	1.1%	24,168	2.4%
Freight, Gasoline	Vehicle	June 18	47,786	3.9%	47,621	4.0%
Freight, Hybrid	Vehicle	June 18	85	-10.5%	88	-10.4%
Freight, Misc Fuel	Vehicle	June 18	106	7.1%	104	3.3%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	March 18	500,310	0.5%	501,106	0.7%
Residential	Consumers	March 18	435,968	0.9%	435,700	0.9%
Commercial	Consumers	March 18	59,803	-2.5%	60,862	-0.7%
Street Lights	Consumers	March 18	4,539	0.4%	4,543	1.5%
Electric Meters						
All sectors	Meters	March 18	499,398	0.5%	499,193	0.5%
Residential	Meters	March 18	435,970	0.9%	435,709	0.9%
Commercial	Meters	March 18	59,539	-2.4%	59,596	-2.3%
Street Lights	Meters	March 18	3,889	0.3%	3,888	1.5%
Electricity Sale (KWH sold)						
All Sectors	KWH	March 18	718,827,586	-4.5%	2,118,921,401	-1.1%
Residential	KWH	March 18	206,806,986	1.8%	609,633,222	2.8%
Commercial	KWH	March 18	508,162,118	-6.9%	1,498,415,124	-2.6%
Street Lights	KWH	March 18	3,858,482	-0.8%	10,873,055	0.9%
Net Revenue of Utility Companies						
All Sectors	Dollars	March 18	210,370,183	8.5%	605,430,413	9.8%
Residential	Dollars	March 18	67,559,226	12.3%	194,916,805	12.2%
Commercial	Dollars	March 18	141,665,905	6.7%	407,347,974	8.7%
Street Lights	Dollars	March 18	1,145,052	12.0%	3,165,634	11.7%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	March 18	29.27	13.6%	28.57	11.1%
Residential	Cents/KWh	March 18	32.67	10.3%	31.97	9.2%
Commercial	Cents/KWh	March 18	27.88	14.6%	27.19	11.6%
Street Lights	Cents/KWh	March 18	29.68	12.9%	29.11	10.8%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	March 18	753,984,258	-4.9%	2,224,616,982	-1.2%
Electricity Generated at the Electric Utility Stations	KWH	March 18	410,695,331	-19.0%	1,332,889,252	-5.9%
- Generated by Steam	KWH	March 18	287,396,475	-21.2%	953,169,194	-7.3%
- Generated by Diesel	KWH	March 18	116,288,427	-13.5%	357,321,410	-3.1%
- Generated by Biodiesel	KWH	March 18	3,420,979	-14.2%	15,406,514	28.1%
- Generated by Hydro and Wind	KWH	March 18	3,589,450	383.7%	6,992,134	52.3%
Electricity Purchased from Independent Power Plant	KWH	March 18	367,280,644	17.3%	966,697,204	5.9%
Electricity Used by Electric Utility Stations	KWH	March 18	23,991,717	-11.9%	74,969,474	-4.0%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	467,955	-21.5%	1,560,984	-6.7%
Total Cost of Oil Consumed	Dollars	March 18	36,837,931	-4.0%	117,342,226	13.3%
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	78.72	22.3%	75.17	21.4%
Month-end price per barrel	Dollars	March 18	67.08	16.3%	66.37	17.7%
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0.137	22.3%	0.131	22.3%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	191,254	-14.0%	589,022	-1.6%
Total Cost of Oil Consumed	Dollars	March 18	18,439,318	6.1%	53,808,468	16.1%
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	96.41	23.4%	91.35	18.0%
Month-end price per barrel	Dollars	March 18	95.35	17.0%	95.66	18.8%
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0.169	23.7%	0.160	20.0%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	8,654	-57.4%	43,161	-0.9%
Total Cost of Oil Consumed	Dollars	March 18	1,096,224	-38.5%	6,185,258	75.1%
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	126.67	44.4%	143.31	76.7%
Month-end price per barrel	Dollars	March 18	154.13	47.2%	154.39	72.4%
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0.355	30.2%	0.427	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: Oahu						
Month of Jun - 2018						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
Gasoline - Regular	\$ per Gallon	June 18	3.601	24.1%	3.397	16.1%
Gasoline - Mid Grade	\$ per Gallon	June 18	3.769	24.2%	3.549	16.3%
Gasoline - Premium	\$ per Gallon	June 18	3.909	23.2%	3.690	15.5%
Diesel	\$ per Gallon	June 18	4.111	2.7%	4.066	0.5%
Foreign Imports						
Crude Oil	1000 Barrels	April 18	3,095	77.6%	12,217	137.4%
Distillate	1000 Barrels	April 18	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	April 18	311	-69.7%	2,332	-20.2%
Residual Fuel Oil	1000 Barrels	April 18	-	N/A	-	N/A
Propane	1000 Barrels	April 18	-	N/A	-	-100.0%
Fuel Ethanol	1000 Barrels	April 18	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	April 18	-	N/A	-	-100.0%
Liquid Fuel Tax Base						
Gasoline	Gallons	April 18	24,086,942	-2.4%	92,373,834	-2.4%
Diesel Oil (non-hwy)	Gallons	April 18	9,549,665	-37.1%	10,612,125	-73.0%
Diesel Oil (hwy use)	Gallons	April 18	2,642,986	19.3%	8,991,935	20.8%
LPG (off hwy)	Gallons	April 18	-	N/A	-	N/A
LPG (hwy use)	Gallons	April 18	72	-30.1%	19,072	959.4%
Small Boat (gas)	Gallons	April 18	96,561	32.4%	360,865	148.2%
Small Boat (diesel)	Gallons	April 18	-	-100.0%	740,162	-36.1%
Aviation Fuel	Gallons	April 18	8,618,034	-27.1%	35,017,375	0.1%
Other Fuel	Gallons	April 18	114,587	-5.7%	492,972	-2.0%
Agricultural Refund	Gallons	April 18	10,622	N/A	52,610	152.0%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	June 18	5,717	23.3%	5,476	26.5%
Passenger, Diesel	Vehicle	June 18	3,065	-8.6%	3,157	-6.5%
Passenger, Gasoline	Vehicle	June 18	612,922	1.2%	612,142	1.1%
Passenger, Hybrid	Vehicle	June 18	17,133	3.2%	17,140	4.3%
Passenger, Misc Fuel	Vehicle	June 18	526	1.0%	526	0.5%
Freight, Electric	Vehicle	June 18	11	83.3%	11	82.9%
Freight, Diesel	Vehicle	June 18	11,493	0.3%	11,528	1.2%
Freight, Gasoline	Vehicle	June 18	33,165	3.5%	33,086	3.9%
Freight, Hybrid	Vehicle	June 18	78	-12.4%	82	-11.1%
Freight, Misc Fuel	Vehicle	June 18	91	5.8%	89	2.3%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	March 18	305,155	0.2%	305,097	0.2%
Residential	Consumers	March 18	271,417	0.2%	271,306	0.2%
Commercial	Consumers	March 18	33,329	-0.2%	33,381	0.0%
Street Lights	Consumers	March 18	409	-0.5%	410	-0.2%
Electric Meters						
All Sectors	Meters	March 18	304,837	0.2%	304,779	0.2%
Residential	Meters	March 18	271,422	0.2%	271,314	0.2%
Commercial	Meters	March 18	33,298	-0.1%	33,348	0.1%
Street Lights	Meters	March 18	117	0.0%	117	-0.3%
Electricity Sale (KWH Sold)						
All Sectors	KWH	March 18	509,750,484	-5.2%	1,497,467,189	-1.8%
Residential	KWH	March 18	124,660,930	-1.6%	370,354,471	0.9%
Commercial	KWH	March 18	382,062,014	-6.4%	1,118,676,659	-2.7%
Street Lights	KWH	March 18	3,027,540	0.1%	8,436,059	0.8%
Net Revenue of Utility Companies						
All Sectors	Dollars	March 18	140,060,798	9.4%	399,421,620	10.5%
Residential	Dollars	March 18	38,905,425	10.2%	112,065,863	11.5%
Commercial	Dollars	March 18	100,312,979	9.1%	285,083,553	10.1%
Street Lights	Dollars	March 18	842,394	15.2%	2,272,204	12.5%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	March 18	27.48	15.4%	26.67	12.6%
Residential	Cents/KWh	March 18	31.21	12.0%	30.26	10.6%
Commercial	Cents/KWh	March 18	26.26	16.5%	25.48	13.2%
Street Lights	Cents/KWh	March 18	27.82	15.0%	26.93	11.6%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	March 18	530,465,540	-6.1%	1,567,011,099	-2.0%
Electricity Generated at the Electric Utility Stations	KWH	March 18	265,393,836	-22.3%	884,923,181	-7.1%
- Generated by Steam	KWH	March 18	260,830,600	-20.8%	863,663,400	-7.2%
- Generated by Diesel	KWH	March 18	1,142,257	-77.2%	5,853,267	-12.0%
- Generated by Biodiesel	KWH	March 18	3,420,979	-14.2%	15,406,514	28.1%
- Generated by Hydro and Wind	KWH	March 18	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	March 18	282,995,314	16.3%	738,267,243	4.7%
Electricity Used by Electric Utility Stations	KWH	March 18	17,923,610	-10.9%	56,179,325	-3.7%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	412,135	-21.3%	1,374,175	-6.6%
Total Cost of Oil Consumed	Dollars	March 18	33,227,143	-3.9%	105,835,064	13.7%
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	80.62	22.1%	77.02	21.8%
Month-end price per barrel	Dollars	March 18	75.53	8.4%	76.99	16.8%
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0.137	22.3%	0.131	22.9%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	6,303	-56.6%	27,932	38.7%
Total Cost of Oil Consumed	Dollars	March 18	615,368	-39.1%	2,477,649	77.1%
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	97.63	40.4%	88.70	27.7%
Month-end price per barrel	Dollars	March 18	88.96	25.3%	90.80	30.1%
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0.569	178.1%	0.465	55.1%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	8,654	-57.4%	43,161	-0.9%
Total Cost of Oil Consumed	Dollars	March 18	1,096,224	-38.5%	6,185,258	75.1%
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	126.67	44.4%	143.31	76.7%
Month-end price per barrel	Dollars	March 18	154.13	47.2%	154.39	72.4%
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0.355	30.2%	0.427	62.2%
Energy Cost Adjustment Factor						
Schedules R, G, J, DS, P, F, U, TOU-R, TOU-G, TOU-J, SS, TOU-EV, EV-R, EV-C	\$/KWH	June 18	0.01529	-169.0%	0.00029	-101.5%

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 Jun - 2018						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices (Wailuku Only)						
Gasoline - Regular	\$ per Gallon	June 18	4.042	15.6%	3.937	12.8%
Gasoline - Mid Grade	\$ per Gallon	June 18	4.175	15.0%	4.045	11.7%
Gasoline - Premium	\$ per Gallon	June 18	4.273	15.0%	4.145	11.9%
Diesel	\$ per Gallon	June 18	4.235	5.1%	4.147	2.1%
Foreign Imports						
Crude Oil	1000 Barrels	April 18	-	N/A	-	N/A
Distillate	1000 Barrels	April 18	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	April 18	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	April 18	-	N/A	-	N/A
Propane	1000 Barrels	April 18	25	47.1%	120	37.9%
Fuel Ethanol	1000 Barrels	April 18	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	April 18	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	April 18	5,382,172	2.2%	21,512,509	-0.6%
Diesel Oil (non-hwy)	Gallons	April 18	1,926,491	1668.5%	6,365,252	77.2%
Diesel Oil (hwy use)	Gallons	April 18	531,933	4.7%	2,038,255	-15.0%
LPG (off hwy)	Gallons	April 18	-	N/A	-	N/A
LPG (hwy use)	Gallons	April 18	50	165.6%	62	228.7%
Small Boat (gas)	Gallons	April 18	7,289	-88.4%	34,856	-52.7%
Small Boat (diesel)	Gallons	April 18	-	N/A	-	N/A
Aviation Fuel	Gallons	April 18	7,242,220	10.3%	28,792,070	12.8%
Other Fuel	Gallons	April 18	22,896	-59.0%	109,006	-6.8%
Agricultural Refund	Gallons	April 18	10,874	N/A	18,703	N/A
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	June 18	990	21.3%	950	19.1%
Passenger, Diesel	Vehicle	June 18	1,514	-3.5%	1,526	-3.4%
Passenger, Gasoline	Vehicle	June 18	160,854	2.4%	159,967	1.6%
Passenger, Hybrid	Vehicle	June 18	3,580	4.3%	3,566	4.9%
Passenger, Misc Fuel	Vehicle	June 18	248	6.4%	241	3.7%
Freight, Electric	Vehicle	June 18	-	N/A	-	N/A
Freight, Diesel	Vehicle	June 18	3,645	1.7%	3,642	7.0%
Freight, Gasoline	Vehicle	June 18	5,971	2.6%	5,952	2.4%
Freight, Hybrid	Vehicle	June 18	3	0.0%	3	0.0%
Freight, Misc Fuel	Vehicle	June 18	8	60.0%	7	43.3%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	March 18	66,496	0.8%	67,453	2.3%
Residential	Consumers	March 18	56,858	0.9%	56,826	0.9%
Commercial	Consumers	March 18	9,423	0.3%	10,413	10.8%
Street Lights	Consumers	March 18	215	3.4%	214	2.6%
Electric Meters						
All Sectors	Meters	March 18	66,277	0.8%	66,235	0.8%
Residential	Meters	March 18	56,859	0.9%	56,827	0.9%
Commercial	Meters	March 18	9,405	0.3%	9,394	0.2%
Street Lights	Meters	March 18	13	-7.1%	13	-7.1%
Electricity Sale (KWH Sold)						
All Sectors	KWH	March 18	82,024,370	-4.5%	243,663,037	-0.9%
Residential	KWH	March 18	29,510,775	1.5%	86,818,438	3.3%
Commercial	KWH	March 18	52,034,980	-7.7%	155,433,420	-3.1%
Street Lights	KWH	March 18	478,615	-1.6%	1,411,179	6.0%
Net Revenue of Utility Companies						
All Sectors	Dollars	March 18	25,992,082	6.1%	75,662,090	5.9%
Residential	Dollars	March 18	9,578,426	10.7%	27,732,047	9.2%
Commercial	Dollars	March 18	16,276,811	3.5%	47,521,105	4.0%
Street Lights	Dollars	March 18	136,845	5.5%	408,938	15.5%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	March 18	31.69	11.1%	31.05	6.8%
Residential	Cents/KWh	March 18	32.46	9.1%	31.94	5.7%
Commercial	Cents/KWh	March 18	31.28	12.1%	30.57	7.3%
Street Lights	Cents/KWh	March 18	28.59	7.2%	28.98	8.9%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	March 18	86,991,116	-4.2%	256,804,316	-0.9%
Electricity Generated at the Electric Utility Stations	KWH	March 18	73,018,607	-11.8%	222,121,095	-1.8%
- Generated by Steam	KWH	March 18	13,594,535	-8.2%	43,380,128	1.1%
- Generated by Diesel	KWH	March 18	59,424,072	-12.6%	178,740,967	-2.4%
- Generated by Hydro and Wind	KWH	March 18	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	March 18	17,092,848	50.4%	44,072,013	3.9%
Electricity Used by Electric Utility Stations	KWH	March 18	3,120,339	-8.4%	9,388,792	0.1%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	29,722	-10.1%	94,437	-0.6%
Total Cost of Oil Consumed	Dollars	March 18	1,804,084	7.4%	5,679,037	17.2%
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	60.70	19.4%	60.14	17.9%
Month-end price per barrel	Dollars	March 18	56.94	14.5%	58.76	16.7%
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0.133	17.0%	0.131	15.9%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	92,272	-11.7%	276,792	-2.1%
Total Cost of Oil Consumed	Dollars	March 18	9,078,842	13.5%	25,563,549	16.4%
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	98.39	28.6%	92.36	18.9%
Month-end price per barrel	Dollars	March 18	86.27	9.5%	90.34	16.2%
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0.153	29.9%	0.143	19.4%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	March 18	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	-	N/A	-	N/A
Month-end price per barrel	Dollars	March 18	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 18	-	N/A	-	N/A
Energy Cost Adjustment Factor						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	June 18	-0.02402	-53.7%	-0.04682	-33.4%

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: Lanai
Month of Jun - 2018

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	March 18	1,727	-0.3%	1,729	-0.3%
Residential	Consumers	March 18	1,481	-0.1%	1,483	0.0%
Commercial	Consumers	March 18	242	-2.0%	242	-2.2%
Street Lights	Consumers	March 18	4	0.0%	4	0.0%
Electric Meters						
All Sectors	Meters	March 18	1,731	-0.3%	1,733	-0.3%
Residential	Meters	March 18	1,481	-0.1%	1,483	0.0%
Commercial	Meters	March 18	249	-2.0%	249	-2.1%
Street Lights	Meters	March 18	1	0.0%	1	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	March 18	2,512,777	-3.7%	7,099,915	-1.5%
Residential	KWH	March 18	718,466	8.9%	1,975,038	8.0%
Commercial	KWH	March 18	1,783,910	-7.9%	5,093,827	-4.7%
Street Lights	KWH	March 18	10,401	-11.1%	31,050	-0.2%
Net Revenue of Utility Companies						
All Sectors	Dollars	March 18	973,034	4.9%	2,733,334	7.3%
Residential	Dollars	March 18	275,422	18.4%	753,610	17.6%
Commercial	Dollars	March 18	693,657	0.4%	1,968,027	3.8%
Street Lights	Dollars	March 18	3,955	-2.6%	11,697	9.4%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	March 18	38.72	8.9%	38.50	8.9%
Residential	Cents/KWh	March 18	38.33	8.8%	38.16	8.9%
Commercial	Cents/KWh	March 18	38.88	9.1%	38.64	8.9%
Street Lights	Cents/KWh	March 18	38.03	9.5%	37.67	9.6%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	March 18	2,592,797	-4.7%	7,482,054	-0.7%
Electricity Generated at the Electric Utility Stations	KWH	March 18	2,537,820	-1.4%	7,421,914	2.7%
- Generated by Steam	KWH	March 18	-	N/A	-	N/A
- Generated by Diesel	KWH	March 18	2,537,820	-1.4%	7,421,914	2.7%
- Generated by Hydro and Wind	KWH	March 18	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	March 18	107,966	-52.5%	234,558	-57.2%
Electricity Used by Electric Utility Stations	KWH	March 18	52,989	-34.8%	174,418	-25.7%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	March 18	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	March 18	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	4,572	4.5%	13,347	8.7%
Total Cost of Oil Consumed	Dollars	March 18	517,356	22.5%	1,485,923	28.2%
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	113.16	17.2%	111.33	17.9%
Month-end price per barrel	Dollars	March 18	107.44	10.3%	111.20	15.4%
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0.204	24.3%	0.201	25.2%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	March 18	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	March 18	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0	N/A	N/A	N/A
Energy Cost Adjustment Factor						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	June 18	-0.06144	-44.9%	-0.07937	-30.0%

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: Molokai
Month of Jun - 2018

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	March 18	3,230	1.1%	3,229	1.0%
Residential	Consumers	March 18	2,688	1.0%	2,688	0.9%
Commercial	Consumers	March 18	533	1.5%	532	1.1%
Street Lights	Consumers	March 18	9	0.0%	9	0.0%
Electric Meters						
All Sectors	Meters	March 18	3,216	1.1%	3,215	1.0%
Residential	Meters	March 18	2,688	1.0%	2,688	0.9%
Commercial	Meters	March 18	528	1.7%	527	1.4%
Street Lights	Meters	March 18	-	N/A	-	N/A
Electricity Sale (KWH Sold)						
All Sectors	KWH	March 18	2,335,121	0.6%	6,787,256	1.5%
Residential	KWH	March 18	902,615	3.4%	2,617,188	2.4%
Commercial	KWH	March 18	1,381,657	-1.2%	4,031,389	0.9%
Street Lights	KWH	March 18	50,849	0.0%	138,679	0.0%
Net Revenue of Utility Companies						
All Sectors	Dollars	March 18	898,642	9.9%	2,531,434	9.5%
Residential	Dollars	March 18	344,491	10.4%	981,025	9.8%
Commercial	Dollars	March 18	535,578	9.6%	1,500,936	9.3%
Street Lights	Dollars	March 18	18,573	9.8%	49,473	8.9%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	March 18	38.48	9.3%	37.30	7.9%
Residential	Cents/KWh	March 18	38.17	6.8%	37.48	7.3%
Commercial	Cents/KWh	March 18	38.76	10.9%	37.23	8.3%
Street Lights	Cents/KWh	March 18	36.53	9.8%	35.67	8.9%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	March 18	2,554,959	0.2%	7,497,823	2.1%
Electricity Generated at the Electric Utility Stations	KWH	March 18	2,668,660	0.1%	7,835,720	2.0%
- Generated by Steam	KWH	March 18	-	N/A	-	N/A
- Generated by Diesel	KWH	March 18	2,668,660	0.1%	7,835,720	2.0%
- Generated by Hydro and Wind	KWH	March 18	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	March 18	374	-18.0%	1,188	-11.3%
Electricity Used by Electric Utility Stations	KWH	March 18	114,075	-2.1%	339,085	-0.7%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	March 18	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	March 18	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	4,398	-0.7%	13,058	1.5%
Total Cost of Oil Consumed	Dollars	March 18	447,078	18.6%	1,254,590	19.9%
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	101.65	19.4%	96.08	18.1%
Month-end price per barrel	Dollars	March 18	95.82	16.4%	96.96	17.8%
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0.468	230.6%	0.260	91.0%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	March 18	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	March 18	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0	N/A	N/A	N/A
Energy Cost Adjustment Factor						
Schedules R, G, J, H, P, F, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	June 18	-0.03490	-59.0%	-0.05335	-38.0%

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: Hawaii						
Month of Jun - 2018						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices (Hilo only)						
Gasoline - Regular	\$ per Gallon	June 18	3.748	23.9%	3.559	17.3%
Gasoline - Mid Grade	\$ per Gallon	June 18	3.872	23.1%	3.687	17.2%
Gasoline - Premium	\$ per Gallon	June 18	4.038	22.5%	3.851	16.4%
Diesel	\$ per Gallon	June 18	4.269	4.7%	4.213	2.9%
Foreign Imports						
Crude Oil	1000 Barrels	April 18	-	N/A	-	N/A
Distillate	1000 Barrels	April 18	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	April 18	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	April 18	-	N/A	-	N/A
Propane	1000 Barrels	April 18	12	-57.1%	65	-24.4%
Fuel Ethanol	1000 Barrels	April 18	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	April 18	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	April 18	6,783,559	-1.1%	27,513,899	0.1%
Diesel Oil (non-hwy)	Gallons	April 18	658,829	-35.6%	3,194,462	-0.3%
Diesel Oil (hwy use)	Gallons	April 18	799,967	-17.0%	3,709,364	-1.5%
LPG (off hwy)	Gallons	April 18	-	N/A	-	N/A
LPG (hwy use)	Gallons	April 18	-	-100.0%	536	1803.3%
Small Boat (gas)	Gallons	April 18	26,992	25.4%	93,041	107.8%
Small Boat (diesel)	Gallons	April 18	-	N/A	-	N/A
Aviation Fuel	Gallons	April 18	4,395,154	57.5%	17,758,797	43.1%
Other Fuel	Gallons	April 18	390,794	-60.6%	2,156,136	-13.8%
Agricultural Refund	Gallons	April 18	132,888	N/A	184,967	260.1%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	June 18	386	37.9%	368	42.3%
Passenger, Diesel	Vehicle	June 18	2,973	1.6%	2,970	1.3%
Passenger, Gasoline	Vehicle	June 18	178,954	3.5%	177,138	3.0%
Passenger, Hybrid	Vehicle	June 18	3,250	4.6%	3,230	5.6%
Passenger, Misc Fuel	Vehicle	June 18	433	-2.3%	436	-1.8%
Freight, Electric	Vehicle	June 18	1	0.0%	1	0.0%
Freight, Diesel	Vehicle	June 18	6,843	1.8%	6,819	1.7%
Freight, Gasoline	Vehicle	June 18	6,811	7.1%	6,764	6.8%
Freight, Hybrid	Vehicle	June 18	2	100.0%	1	0.0%
Freight, Misc Fuel	Vehicle	June 18	7	-12.5%	8	-9.6%
Electricity Production and Sale by Utility Companies						
Electric Consumers						
All Sectors	Consumers	March 18	86,156	1.1%	86,087	1.1%
Residential	Consumers	March 18	74,598	3.5%	74,497	3.5%
Commercial	Consumers	March 18	11,385	-12.2%	11,413	-11.9%
Street Lights	Consumers	March 18	173	-1.1%	178	2.1%
Electric Meters						
All Sectors	Meters	March 18	85,791	1.1%	85,721	1.1%
Residential	Meters	March 18	74,594	3.5%	74,496	3.5%
Commercial	Meters	March 18	11,168	-12.4%	11,196	-12.1%
Street Lights	Meters	March 18	29	3.6%	29	3.6%
Electricity Sale (KWH Sold)						
All Sectors	KWH	March 18	88,264,739	-0.4%	256,991,371	1.3%
Residential	KWH	March 18	37,227,383	14.7%	105,830,052	9.3%
Commercial	KWH	March 18	50,817,309	-9.1%	150,517,952	-3.5%
Street Lights	KWH	March 18	220,047	-10.7%	643,367	-3.9%
Net Revenue of Utility Companies						
All Sectors	Dollars	March 18	30,377,785	9.8%	87,571,462	11.6%
Residential	Dollars	March 18	13,399,687	22.3%	38,044,969	18.5%
Commercial	Dollars	March 18	16,894,146	1.6%	49,282,945	6.7%
Street Lights	Dollars	March 18	83,952	2.1%	243,548	10.0%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	March 18	34.42	10.2%	34.08	10.1%
Residential	Cents/KWh	March 18	35.99	6.7%	35.95	8.5%
Commercial	Cents/KWh	March 18	33.24	11.7%	32.74	10.7%
Street Lights	Cents/KWh	March 18	38.15	14.4%	37.86	14.5%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	March 18	94,492,167	0.3%	274,983,018	1.1%
Electricity Generated at the Electric Utility Stations	KWH	March 18	41,946,428	-19.5%	135,252,396	-9.2%
- Generated by Steam	KWH	March 18	12,971,340	-32.6%	46,125,666	-12.4%
- Generated by Diesel	KWH	March 18	26,310,838	-19.4%	84,281,920	-9.9%
- Generated by Hydro and Wind	KWH	March 18	2,664,250	1207.2%	4,844,810	73.3%
Electricity Purchased from Independent Power Plant	KWH	March 18	54,537,123	22.0%	146,409,451	12.4%
Electricity Used by Electric Utility Stations	KWH	March 18	1,991,384	-22.3%	6,678,829	-8.8%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	26,098	-33.3%	92,372	-13.7%
Total Cost of Oil Consumed	Dollars	March 18	1,806,704	-14.2%	5,828,125	2.5%
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	69.23	28.7%	63.09	18.8%
Month-end price per barrel	Dollars	March 18	68.78	28.4%	63.37	19.8%
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0.139	27.4%	0.128	18.3%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March 18	42,371	-16.5%	133,924	-8.2%
Total Cost of Oil Consumed	Dollars	March 18	4,355,855	4.7%	12,658,810	9.4%
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	102.80	25.4%	94.52	19.1%
Month-end price per barrel	Dollars	March 18	100.17	26.2%	91.85	19.8%
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0.209	27.3%	0.191	20.8%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	March-18	-	-	-	-
Total Cost of Oil Consumed	Dollars	March 18	0	N/A	0	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	March 18	0.00	N/A	0.00	N/A
Month-end price per barrel	Dollars	March 18	0.00	N/A	0.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	March 18	0.000	N/A	0.000	N/A
Energy Cost Adjustment Factor						
Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C	\$/KWH	June 18	0.02301	-271.3%	0.00075	-103.0%

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 Jun - 2018

Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
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%
Foreign Imports						
Crude Oil	1000 Barrels	April-18	-	N/A	-	N/A
Distillate	1000 Barrels	April-18	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	April-18	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	April-18	-	N/A	-	N/A
Propane	1000 Barrels	April-18	18	80.0%	93	10.7%
Fuel Ethanol	1000 Barrels	April-18	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	April-18	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	April 18	2,534,241	2.7%	10,015,354	0.6%
Diesel Oil (non-hwy)	Gallons	April 18	1,411,229	99.6%	3,592,632	-6.4%
Diesel Oil (hwy use)	Gallons	April 18	271,428	15.1%	1,052,226	9.5%
LPG (off hwy)	Gallons	April 18	-	N/A	-	N/A
LPG (hwy use)	Gallons	April 18	-	-100.0%	75	-68.6%
Small Boat (gas)	Gallons	April 18	-	N/A	-	N/A
Small Boat (diesel)	Gallons	April 18	-	N/A	-	N/A
Aviation Fuel	Gallons	April 18	2,626,138	42.5%	10,814,463	44.0%
Other Fuel	Gallons	April 18	679,563	-39.2%	4,259,950	6.2%
Agricultural Refund	Gallons	April 18	-	-100.0%	-	-100.0%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	June-18	256	31.3%	243	31.4%
Passenger, Diesel	Vehicle	June-18	1,035	-2.6%	1,044	-2.0%
Passenger, Gasoline	Vehicle	June-18	76,204	3.6%	75,644	3.0%
Passenger, Hybrid	Vehicle	June-18	1,140	2.8%	1,129	3.7%
Passenger, Misc Fuel	Vehicle	June-18	84	-3.4%	85	-3.2%
Freight, Electric	Vehicle	June-18	-	N/A	-	N/A
Freight, Diesel	Vehicle	June-18	2,187	2.6%	2,179	3.8%
Freight, Gasoline	Vehicle	June-18	1,839	3.3%	1,820	1.9%
Freight, Hybrid	Vehicle	June-18	2	0.0%	2	0.0%
Freight, Misc Fuel	Vehicle	June-18	-	N/A	-	N/A
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	May-18	37,563	0.8%	37,531	0.9%
Residential	Consumers	May-18	28,932	0.7%	28,914	0.7%
Commercial	Consumers	May-18	4,902	2.0%	4,888	1.9%
Street Lights	Consumers	May-18	3,729	0.3%	3,729	1.1%
Electric Meters						
All Sectors	Meters	May-18	37,563	0.8%	37,531	0.9%
Residential	Meters	May-18	28,932	0.7%	28,914	0.7%
Commercial	Meters	May-18	4,902	2.0%	4,888	1.9%
Street Lights	Meters	May-18	3,729	0.3%	3,729	1.1%
Electricity Sale (KWH Sold)						
All Sectors	KWH	May-18	36,176,550	-0.8%	178,458,331	1.3%
Residential	KWH	May-18	13,487,073	2.2%	70,005,106	4.1%
Commercial	KWH	May-18	22,618,447	-2.5%	108,098,444	-0.5%
Street Lights	KWH	May-18	71,030	0.1%	354,781	-7.1%
Net Revenue of Utility Companies						
All Sectors	Dollars	May-18	12,809,714	6.7%	62,769,600	6.4%
Residential	Dollars	May-18	4,978,551	9.3%	25,569,330	9.2%
Commercial	Dollars	May-18	7,770,365	5.1%	36,900,156	4.6%
Street Lights	Dollars	May-18	60,798	4.5%	300,114	0.5%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	May-18	35.41	7.5%	35.17	5.0%
Residential	Cents/KWh	May-18	36.91	6.9%	36.52	4.8%
Commercial	Cents/KWh	May-18	34.35	7.7%	34.14	5.0%
Street Lights	Cents/KWh	May-18	85.59	4.5%	84.59	8.2%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	May-18	39,130,297	-1.6%	187,851,375	3.2%
Electricity Generated at the Electric Utility Stations	KWH	May-18	24,420,731	-0.7%	124,898,517	1.3%
- Generated by Steam	KWH	May-18	-	N/A	1,340,690	-20.5%
- Generated by Diesel	KWH	May-18	24,011,746	0.9%	120,589,612	2.0%
- Generated by Hydro and Wind	KWH	May-18	408,985	-48.7%	2,968,215	-12.1%
Electricity Purchased from Independent Power Plant	KWH	May-18	15,418,978	-2.8%	66,746,494	6.3%
Electricity Used by Electric Utility Stations	KWH	May-18	709,412	-1.4%	3,793,636	-5.2%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	May-18	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	May-18	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	May-18	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	May-18	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	May-18	0.00	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	May-18	40,321	1.9%	210,044	2.9%
Total Cost of Oil Consumed	Dollars	May-18	3,520,036	26.5%	17,846,434	20.5%
Ave Cost/Bbl of Oil Consumed	Dollars	May-18	87.30	24.2%	84.97	17.1%
Month-end price per barrel	Dollars	May-18	103.46	28.5%	94.97	19.7%
Cost of Oil/KWH Generated	Dollar/KWh	May-18	0.147	25.4%	0.148	18.0%
Energy Cost Adjustment Factor						
Schedule D, G, J, L, P, SL	\$/KWH	June-18	0.02603	-178.8%	0.00031	-101.3%

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.