



MONTHLY ENERGY TREND HIGHLIGHTS

JANUARY 2019

Crude Oil Prices:

In January 2019, the crude oil price decreased from the same month last year but increased from the previous month. The crude oil price at the New York Mercantile Exchange averaged \$51.55 per barrel in January 2019 which was down \$12.07 (19.0%) per barrel from the same month last year. Compared to December 2018, it was an increase of \$2.57 (5.2%) per barrel.

Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 1.5 million barrels of foreign crude oil in November 2018. This was a decrease of 0.8 million barrels (33.7%) from the same month last year. Compared to October 2018, it was a decrease of 0.9 million barrels (36.0%).

Gasoline Prices:

In January 2019, the regular gasoline price in Hawaii averaged \$3.280 per gallon, which was \$1.03 per gallon (45.7%) higher than the national average for the same month.

Hawaii's regular gasoline price in January 2019 was a decrease of 6.2 cents per gallon (1.9%) from the same month last year, and a decrease of 23.0 cents per gallon (6.6%) from December 2018.

The national average price for regular gasoline in January 2019 was \$2.252 per gallon, a decrease of 28.6 cents per gallon (11.3%) from the same month last year, and a decrease of 11.8 cents per gallon (5.0%) from December 2018.

The average prices of regular gasoline within the State in January 2019 were as follows: Wailuku, \$3.623; Hilo, \$3.300; and Oahu, \$3.131.

Diesel Fuel Prices:

The national average price for diesel in January 2019 was \$2.937 per gallon which was a decrease of 0.2 cents (0.1%) from the same month a year ago, and a decrease of 13.5 cents (4.4%) from December 2018.

Hawaii's average price for diesel in January 2019 was \$4.203 per gallon which increased 15.6 cents (3.9%) per gallon from the same month last year but decreased 1.8 cents per gallon (0.4%) from December 2018. Hawaii's diesel price was \$1.266 per gallon (43.1%) higher than the national average.

In January 2019, the average prices per gallon for diesel among Hawaii's market were as follows: Hilo, \$4.279; Wailuku, \$4.241; and Oahu, \$4.169;.

Gasoline Consumption:

Hawaii's statewide consumption for gasoline in November 2018, as measured by the gasoline tax base, was 37.2 million gallons, which decreased 0.2 million gallons (0.7%) from the same month a year ago. Gasoline in November 2018 was mainly consumed in Honolulu (62.4%), followed by Hawaii County (17.7%), Maui County (13.3%), and Kauai County (6.6%).

Highway Diesel Fuel Consumption:

Hawaii's November 2018 consumption for highway use diesel was 3.6 million gallons, which decreased 0.3 million gallons (8.1%) from the same month last year. Highway use diesel in November 2018 was mainly consumed in Honolulu (59.2%), followed by Hawaii County (25.2%), Maui County (8.3%), and Kauai County (7.3%).

Aviation Fuel Consumption:

In November 2018, data from the Department of Taxation showed statewide aviation fuel consumption was 20.1 million gallons, which increased 1.09 million gallons (5.8%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (40.1%), Maui County (30.8%), Hawaii County (18.0%), and Kauai County (11.1%).

Registered Taxable Vehicles:

As of January 2019, there were 1,071,488 registered passenger vehicles in the state, an increase of 8,970 vehicles (0.8%) from the same month last year and an increase of 1,356 vehicles (0.1%) from December 2018. The number of passenger gasoline vehicles was 1,028,478, which was 96.0% of total passenger vehicles. It represents an increase of 7,791 vehicles (0.8%) from the same period last year, and an increase of 1,312 vehicles (0.1%) from December 2018.

In January 2019, the number of passenger electric vehicles in the state was 8,431, an increase of 1,683 vehicles (24.9%) from the same month last year, and an increase of 100 vehicles (1.2%) from December 2018. The number of passenger hybrid vehicles in the state in this month was 25,096, accounting for 2.3% of the total passenger vehicles. It represents an increase of 0.4% from the same month last year but a decrease of 0.1% from December 2018.

In January 2019, there were 48,581 registered freight gasoline vehicles, a 2.5% increase from the same period last year, and a 0.4% increase from December 2018. The number of freight diesel vehicles in January 2019 was 24,191, a 0.2% increase from the same period last year, and a 0.1% increase from December 2018.

Monthly Energy Trend: State						
Month of Jan - 2019						
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	January 19	51.55	-19.0%	51.55	-19.0%
Europe Brent Spot Price	\$ per Barrel	December 18	57.36	-10.9%	71.06	31.0%
Gasoline and Diesel Prices						
Gasoline - Regular, National	\$ per Gallon	January 19	2.252	-11.3%	2.252	-11.3%
Gasoline -Mid Grade, National	\$ per Gallon	January 19	2.581	-8.3%	2.581	-8.3%
Gasoline -Premium, National	\$ per Gallon	January 19	2.838	-7.4%	2.838	-7.4%
Diesel, National	\$ per Gallon	January 19	2.937	-0.1%	2.937	-0.1%
Gasoline - Regular, State	\$ per Gallon	January 19	3.280	-1.9%	3.280	-1.9%
Gasoline -Mid Grade, State	\$ per Gallon	January 19	3.425	-0.5%	3.425	-0.5%
Gasoline -Premium, State	\$ per Gallon	January 19	3.553	-0.8%	3.553	-0.8%
Diesel, State	\$ per Gallon	January 19	4.203	3.9%	4.203	3.9%
Fuel Surcharges						
Matson Navigation Company	Percentage	January 19	35.94%	29.0%	35.94%	29.0%
Foreign Imports						
Crude Oil	1000 Barrels	November 18	1,534	-33.7%	32,089	43.9%
Distillate	1000 Barrels	November 18	88	N/A	238	283.9%
Jet Fuel, Kerosene	1000 Barrels	November 18	1,044	954.5%	7,472	29.1%
Residual Fuel Oil	1000 Barrels	November 18	-	N/A	-	N/A
Propane	1000 Barrels	November 18	57	1.8%	667	0.5%
Fuel Ethanol	1000 Barrels	November 18	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	November 18	-	-100.0%	91	-89.5%
Liquid Fuel Tax Base						
Gasoline	Gallons	November 18	37,173,893	-0.7%	424,762,957	-0.9%
Diesel Oil (non-hwy)	Gallons	November 18	11,635,115	-64.7%	106,869,839	-14.1%
Diesel Oil (hwy use)	Gallons	November 18	3,624,552	-8.1%	43,981,056	-1.2%
LPG (off hwy)	Gallons	November 18	-	N/A	-	N/A
LPG (hwy use)	Gallons	November 18	324	79.2%	24,771	298.3%
Small Boat (gas)	Gallons	November 18	123,714	12.4%	1,450,377	40.2%
Small Boat (diesel)	Gallons	November 18	211,157	-37.6%	2,625,363	-23.3%
Aviation Fuel	Gallons	November 18	20,084,014	5.8%	242,217,274	6.2%
Other Fuel	Gallons	November 18	3,472,708	15.6%	31,527,787	22.6%
Agricultural Refund	Gallons	November 18	-	N/A	407,113	75.7%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	January 19	8,431	24.9%	8,431	24.9%
Passenger, Diesel	Vehicle	January 19	8,212	-6.6%	8,212	-6.6%
Passenger, Gasoline	Vehicle	January 19	1,028,478	0.8%	1,028,478	0.8%
Passenger, Hybrid	Vehicle	January 19	25,096	0.4%	25,096	0.4%
Passenger, Misc Fuel	Vehicle	January 19	1,271	-1.3%	1,271	-1.3%
Freight, Electric	Vehicle	January 19	16	60.0%	16	60.0%
Freight, Diesel	Vehicle	January 19	24,191	0.2%	24,191	0.2%
Freight, Gasoline	Vehicle	January 19	48,581	2.5%	48,581	2.5%
Freight, Hybrid	Vehicle	January 19	84	-7.7%	84	-7.7%
Freight, Misc Fuel	Vehicle	January 19	102	2.0%	102	2.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 18	500,138	0.3%	500,544	0.5%
Residential	Consumers	September 18	435,839	0.7%	435,861	0.8%
Commercial	Consumers	September 18	59,748	-2.5%	60,150	-1.9%
Street Lights	Consumers	September 18	4,551	0.5%	4,533	0.6%
Electric Meters						
All sectors	Meters	September 18	499,225	0.3%	499,315	0.4%
Residential	Meters	September 18	435,848	0.7%	435,879	0.8%
Commercial	Meters	September 18	59,463	-2.5%	59,542	-2.5%
Street Lights	Meters	September 18	3,914	1.0%	3,894	0.9%
Electricity Sale (KWH sold)						
All Sectors	KWH	September 18	792,314,882	-1.5%	6,806,543,325	-0.8%
Residential	KWH	September 18	232,642,922	6.1%	1,927,672,596	3.5%
Commercial	KWH	September 18	556,240,293	-4.4%	4,846,745,750	-2.4%
Street Lights	KWH	September 18	3,431,667	-0.1%	32,124,979	-0.2%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 18	233,579,557	12.5%	1,976,557,280	11.2%
Residential	Dollars	September 18	76,400,463	17.9%	629,819,900	13.5%
Commercial	Dollars	September 18	156,105,243	10.1%	1,337,076,618	10.2%
Street Lights	Dollars	September 18	1,073,851	13.0%	9,660,762	11.6%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 18	29.48	14.3%	29.04	12.2%
Residential	Cents/KWh	September 18	32.84	11.1%	32.67	9.7%
Commercial	Cents/KWh	September 18	28.06	15.1%	27.59	13.0%
Street Lights	Cents/KWh	September 18	31.29	13.2%	30.07	11.8%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 18	839,984,965	-0.2%	7,144,503,884	-0.9%
Electricity Generated at the Electric Utility Stations	KWH	September 18	504,829,523	7.0%	4,165,629,226	1.4%
- Generated by Steam	KWH	September 18	363,412,874	8.4%	2,995,142,396	1.9%
- Generated by Diesel	KWH	September 18	135,709,200	5.4%	1,100,490,053	-0.8%
- Generated by Biodiesel	KWH	September 18	5,072,615	-22.0%	49,798,338	14.0%
- Generated by Hydro and Wind	KWH	September 18	634,834	-52.1%	20,198,439	71.3%
Electricity Purchased from Independent Power Plant	KWH	September 18	363,138,411	-8.0%	3,216,396,895	-3.3%
Electricity Used by Electric Utility Stations	KWH	September 18	27,982,969	11.6%	237,522,237	5.9%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	596,430	7.9%	4,910,833	1.7%
Total Cost of Oil Consumed	Dollars	September 18	53,294,784	55.7%	396,129,252	29.2%
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	89.36	44.4%	80.66	27.0%
Month-end price per barrel	Dollars	September 18	78.52	43.2%	71.80	32.1%
Cost of Oil/KWH Generated	Dollar/KWh	September 18	0.155	44.2%	0.140	26.6%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	222,778	3.7%	1,815,551	-0.1%
Total Cost of Oil Consumed	Dollars	September 18	22,030,464	41.2%	175,091,681	28.8%
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	98.89	36.2%	96.44	28.9%
Month-end price per barrel	Dollars	September 18	105.31	26.7%	102.21	28.9%
Cost of Oil/KWH Generated	Dollar/KWh	September 18	0.171	34.3%	0.168	30.0%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	7,986	-57.3%	108,374	-18.9%
Total Cost of Oil Consumed	Dollars	September 18	-3,982,414	-248.7%	9,208,314	-40.2%
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	-498.67	-448.2%	84.97	-26.2%
Month-end price per barrel	Dollars	September 18	-82.03	-156.5%	145.42	20.5%
Cost of Oil/KWH Generated	Dollar/KWh	September 18	-0.820	-285.8%	0.186	-47.6%

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., 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 Jan - 2019						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
Gasoline - Regular	\$ per Gallon	January 19	3.131	-1.3%	3.131	-1.3%
Gasoline - Mid Grade	\$ per Gallon	January 19	3.311	0.0%	3.311	0.0%
Gasoline - Premium	\$ per Gallon	January 19	3.456	-0.1%	3.456	-0.1%
Diesel	\$ per Gallon	January 19	4.169	3.8%	4.169	3.8%
Foreign Imports						
Crude Oil	1000 Barrels	November 18	1,534	-33.7%	32,089	43.9%
Distillate	1000 Barrels	November 18	88	N/A	238	283.9%
Jet Fuel, Kerosene	1000 Barrels	November 18	1,044	954.5%	7,472	29.1%
Residual Fuel Oil	1000 Barrels	November 18	-	N/A	-	N/A
Propane	1000 Barrels	November 18	-	N/A	-	-100.0%
Fuel Ethanol	1000 Barrels	November 18	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	November 18	-	-100.0%	91	-89.5%
Liquid Fuel Tax Base						
Gasoline	Gallons	November 18	23,190,035	-0.2%	262,601,100	-1.1%
Diesel Oil (non-hwy)	Gallons	November 18	8,377,753	-73.1%	70,745,300	-26.4%
Diesel Oil (hwy use)	Gallons	November 18	2,147,498	-4.1%	24,710,401	3.3%
LPG (off hwy)	Gallons	November 18	-	N/A	-	N/A
LPG (hwy use)	Gallons	November 18	61	-59.8%	22,470	310.3%
Small Boat (gas)	Gallons	November 18	85,323	6.3%	1,051,623	52.1%
Small Boat (diesel)	Gallons	November 18	211,157	-37.6%	2,625,363	-23.3%
Aviation Fuel	Gallons	November 18	8,049,978	-0.7%	93,933,939	-10.9%
Other Fuel	Gallons	November 18	117,575	-11.1%	1,405,447	-45.3%
Agricultural Refund	Gallons	November 18	-	N/A	112,494	-1.1%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	January 19	6,630	26.5%	6,630	26.5%
Passenger, Diesel	Vehicle	January 19	2,787	-14.0%	2,787	-14.0%
Passenger, Gasoline	Vehicle	January 19	614,039	0.4%	614,039	0.4%
Passenger, Hybrid	Vehicle	January 19	17,146	0.0%	17,146	0.0%
Passenger, Misc Fuel	Vehicle	January 19	526	-0.2%	526	-0.2%
Freight, Electric	Vehicle	January 19	16	77.8%	16	77.8%
Freight, Diesel	Vehicle	January 19	11,467	-0.7%	11,467	-0.7%
Freight, Gasoline	Vehicle	January 19	33,539	1.7%	33,539	1.7%
Freight, Hybrid	Vehicle	January 19	76	-10.6%	76	-10.6%
Freight, Misc Fuel	Vehicle	January 19	90	4.7%	90	4.7%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 18	305,285	0.2%	305,228	0.2%
Residential	Consumers	September 18	271,562	0.2%	271,477	0.2%
Commercial	Consumers	September 18	33,311	-0.4%	33,342	-0.2%
Street Lights	Consumers	September 18	412	-0.2%	409	-0.6%
Electric Meters						
All Sectors	Meters	September 18	304,966	0.2%	304,911	0.2%
Residential	Meters	September 18	271,567	0.2%	271,484	0.2%
Commercial	Meters	September 18	33,281	-0.3%	33,310	-0.2%
Street Lights	Meters	September 18	118	0.9%	117	0.3%
Electricity Sale (KWH Sold)						
All Sectors	KWH	September 18	572,174,359	-1.9%	4,854,637,084	-1.4%
Residential	KWH	September 18	149,944,113	5.4%	1,194,495,007	1.5%
Commercial	KWH	September 18	419,575,571	-4.3%	3,635,259,094	-2.3%
Street Lights	KWH	September 18	2,654,675	0.5%	24,882,983	0.0%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 18	154,919,954	10.3%	1,314,238,872	11.2%
Residential	Dollars	September 18	45,566,269	14.5%	368,972,880	11.7%
Commercial	Dollars	September 18	108,590,346	8.6%	938,331,191	11.1%
Street Lights	Dollars	September 18	763,339	12.4%	6,934,801	12.0%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 18	27.08	12.5%	27.07	12.8%
Residential	Cents/KWh	September 18	30.39	8.6%	30.89	10.1%
Commercial	Cents/KWh	September 18	25.88	13.5%	25.81	13.7%
Street Lights	Cents/KWh	September 18	28.75	11.8%	27.87	12.0%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 18	604,410,564	-0.6%	5,074,911,379	-1.5%
Electricity Generated at the Electric Utility Stations	KWH	September 18	340,126,840	8.4%	2,793,993,464	1.4%
- Generated by Steam	KWH	September 18	331,921,500	10.0%	2,727,279,100	2.1%
- Generated by Diesel	KWH	September 18	3,132,725	-42.4%	16,916,026	-52.1%
- Generated by Biodiesel	KWH	September 18	5,072,615	-22.0%	49,798,338	14.0%
- Generated by Hydro and Wind	KWH	September 18	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 18	285,450,785	-8.8%	2,459,671,809	-4.2%
Electricity Used by Electric Utility Stations	KWH	September 18	21,167,061	14.5%	178,753,894	7.4%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	530,117	9.8%	4,354,033	1.9%
Total Cost of Oil Consumed	Dollars	September 18	48,401,513	56.4%	359,513,575	28.9%
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	91.30	42.4%	82.57	26.5%
Month-end price per barrel	Dollars	September 18	88.46	38.3%	82.92	28.7%
Cost of Oil/KWH Generated	Dollar/KWh	September 18	0.156	42.7%	0.141	26.2%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	10,960	-35.6%	75,775	-29.4%
Total Cost of Oil Consumed	Dollars	September 18	1,093,008	-8.6%	7,140,569	-4.9%
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	99.73	41.9%	94.23	34.6%
Month-end price per barrel	Dollars	September 18	101.79	31.5%	99.41	38.9%
Cost of Oil/KWH Generated	Dollar/KWh	September 18	0.399	79.5%	0.488	95.2%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	7,986	-57.3%	108,374	-18.9%
Total Cost of Oil Consumed	Dollars	September 18	-3,982,414	-248.7%	9,208,314	-40.2%
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	-498.67	-448.2%	84.97	-26.2%
Month-end price per barrel	Dollars	September 18	-82.03	-156.5%	145.42	20.5%
Cost of Oil/KWH Generated	Dollar/KWh	September 18	-0.820	-285.8%	0.186	-47.6%
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	January 19	0.14095	-1331.0%	0.14095	-1331.0%

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., Maui Electric Company, Ltd., and Kauai Island Utility

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Monthly Energy Trend: Maui						
Month of Jan - 2019						
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	January 19	3.623	-4.6%	3.623	-4.6%
Gasoline - Mid Grade	\$ per Gallon	January 19	3.808	-1.7%	3.808	-1.7%
Gasoline - Premium	\$ per Gallon	January 19	3.901	-1.9%	3.901	-1.9%
Diesel	\$ per Gallon	January 19	4.241	3.5%	4.241	3.5%
Foreign Imports						
Crude Oil	1000 Barrels	November 18	-	N/A	-	N/A
Distillate	1000 Barrels	November 18	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	November 18	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	November 18	-	N/A	-	N/A
Propane	1000 Barrels	November 18	17	0.0%	261	10.6%
Fuel Ethanol	1000 Barrels	November 18	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	November 18	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	November 18	4,927,250	-5.5%	59,643,942	-0.7%
Diesel Oil (non-hwy)	Gallons	November 18	1,445,385	N/A	15,115,669	54.7%
Diesel Oil (hwy use)	Gallons	November 18	300,986	-38.8%	5,539,441	-13.5%
LPG (off hwy)	Gallons	November 18	-	N/A	-	N/A
LPG (hwy use)	Gallons	November 18	54	N/A	219	305.0%
Small Boat (gas)	Gallons	November 18	13,247	27.6%	110,039	-26.1%
Small Boat (diesel)	Gallons	November 18	-	N/A	-	N/A
Aviation Fuel	Gallons	November 18	6,176,319	7.3%	75,590,099	14.1%
Other Fuel	Gallons	November 18	26,903	-14.3%	328,207	-3.3%
Agricultural Refund	Gallons	November 18	-	N/A	24,056	-46.4%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	January 19	1,052	14.7%	1,052	14.7%
Passenger, Diesel	Vehicle	January 19	1,464	-4.9%	1,464	-4.9%
Passenger, Gasoline	Vehicle	January 19	159,810	0.6%	159,810	0.6%
Passenger, Hybrid	Vehicle	January 19	3,601	2.0%	3,601	2.0%
Passenger, Misc Fuel	Vehicle	January 19	273	15.7%	273	15.7%
Freight, Electric	Vehicle	January 19	-	N/A	-	N/A
Freight, Diesel	Vehicle	January 19	3,664	1.1%	3,664	1.1%
Freight, Gasoline	Vehicle	January 19	6,147	3.6%	6,147	3.6%
Freight, Hybrid	Vehicle	January 19	4	33.3%	4	33.3%
Freight, Misc Fuel	Vehicle	January 19	7	16.7%	7	16.7%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September 18	66,765	0.9%	66,945	1.4%
Residential	Consumers	September 18	57,084	1.0%	56,962	1.0%
Commercial	Consumers	September 18	9,465	0.3%	9,769	3.9%
Street Lights	Consumers	September 18	216	3.3%	215	3.2%
Electric Meters						
All Sectors	Meters	September 18	66,546	0.9%	66,393	0.9%
Residential	Meters	September 18	57,086	1.0%	56,963	1.0%
Commercial	Meters	September 18	9,447	0.4%	9,417	0.3%
Street Lights	Meters	September 18	13	-7.1%	13	-7.1%
Electricity Sale (KWH Sold)						
All Sectors	KWH	September 18	87,054,558	-2.5%	774,698,492	-0.4%
Residential	KWH	September 18	31,300,349	6.8%	271,971,700	5.7%
Commercial	KWH	September 18	55,293,953	-7.2%	498,471,222	-3.5%
Street Lights	KWH	September 18	460,256	0.5%	4,255,570	2.7%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 18	30,284,835	24.4%	249,752,307	10.4%
Residential	Dollars	September 18	11,181,772	33.4%	90,813,324	15.1%
Commercial	Dollars	September 18	18,948,469	19.7%	157,644,952	7.8%
Street Lights	Dollars	September 18	154,594	29.4%	1,294,031	14.9%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 18	34.79	27.7%	32.24	10.9%
Residential	Cents/KWh	September 18	35.72	24.8%	33.39	9.0%
Commercial	Cents/KWh	September 18	34.27	28.9%	31.63	11.7%
Street Lights	Cents/KWh	September 18	33.59	28.8%	30.41	11.9%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 18	94,398,242	-0.2%	816,732,779	-0.5%
Electricity Generated at the Electric Utility Stations	KWH	September 18	79,298,448	-2.0%	645,291,372	-2.1%
- Generated by Steam	KWH	September 18	14,919,756	-13.2%	122,326,878	0.0%
- Generated by Diesel	KWH	September 18	64,378,692	1.0%	522,964,494	-2.5%
- Generated by Hydro and Wind	KWH	September 18	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 18	18,408,522	8.1%	199,831,570	4.7%
Electricity Used by Electric Utility Stations	KWH	September 18	3,308,728	-0.7%	28,390,163	-0.8%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	32,552	-12.9%	266,774	-1.4%
Total Cost of Oil Consumed	Dollars	September 18	2,291,936	42.1%	16,791,322	29.7%
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	70.41	63.1%	62.94	31.6%
Month-end price per barrel	Dollars	September 18	70.54	40.8%	64.40	34.7%
Cost of Oil/KWH Generated	Dollar/KWh	September 18	0.154	63.6%	0.137	29.4%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	98,764	-0.8%	810,837	-2.3%
Total Cost of Oil Consumed	Dollars	September 18	9,860,996	43.5%	79,361,707	26.7%
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	99.84	44.6%	97.88	29.6%
Month-end price per barrel	Dollars	September 18	103.79	30.4%	99.00	31.2%
Cost of Oil/KWH Generated	Dollar/KWh	September 18	0.153	42.1%	0.152	30.0%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 18	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	-	N/A	-	N/A
Month-end price per barrel	Dollars	September 18	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 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	January 19	-0.03405	-44.3%	-0.03405	-44.3%

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., 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 Jan - 2019

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	September 18	1,737	0.6%	1,735	0.2%
Residential	Consumers	September 18	1,488	0.5%	1,488	0.4%
Commercial	Consumers	September 18	245	0.8%	243	-1.1%
Street Lights	Consumers	September 18	4	0.0%	4	0.0%
Electric Meters						
All Sectors	Meters	September 18	1,741	0.6%	1,739	0.2%
Residential	Meters	September 18	1,488	0.5%	1,488	0.4%
Commercial	Meters	September 18	252	0.8%	250	-1.1%
Street Lights	Meters	September 18	1	0.0%	1	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	September 18	2,431,622	-5.0%	22,014,832	-2.3%
Residential	KWH	September 18	717,085	20.9%	5,920,646	7.5%
Commercial	KWH	September 18	1,704,253	-12.9%	16,000,974	-5.4%
Street Lights	KWH	September 18	10,284	-0.6%	93,212	-0.1%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 18	1,020,129	10.7%	8,723,105	9.5%
Residential	Dollars	September 18	296,492	35.4%	2,334,968	19.4%
Commercial	Dollars	September 18	719,455	2.9%	6,352,040	6.2%
Street Lights	Dollars	September 18	4,182	13.8%	36,097	12.0%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 18	41.95	16.6%	39.62	12.0%
Residential	Cents/KWh	September 18	41.35	12.0%	39.44	11.1%
Commercial	Cents/KWh	September 18	42.22	18.2%	39.70	12.3%
Street Lights	Cents/KWh	September 18	40.67	14.5%	38.73	12.2%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 18	2,590,768	-0.6%	23,405,824	-0.3%
Electricity Generated at the Electric Utility Stations	KWH	September 18	2,524,840	-0.1%	23,040,494	2.4%
- Generated by Steam	KWH	September 18	-	N/A	-	N/A
- Generated by Diesel	KWH	September 18	2,524,840	-0.1%	23,040,494	2.4%
- Generated by Hydro and Wind	KWH	September 18	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 18	143,237	-19.4%	988,193	-42.8%
Electricity Used by Electric Utility Stations	KWH	September 18	77,309	-22.3%	622,863	-15.8%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 18	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 18	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 18	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	4,391	-3.1%	40,172	3.3%
Total Cost of Oil Consumed	Dollars	September 18	521,149	18.3%	4,633,191	26.2%
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	118.69	22.1%	115.33	22.2%
Month-end price per barrel	Dollars	September 18	120.75	20.8%	117.05	22.0%
Cost of Oil/KWH Generated	Dollar/KWh	September 18	0.206	18.4%	0.201	23.3%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 18	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 18	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 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	January 19	-0.06950	-16.8%	-0.06950	-16.8%

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 Jan - 2019

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	September 18	3,232	0.3%	3,230	0.8%
Residential	Consumers	September 18	2,689	0.3%	2,687	0.7%
Commercial	Consumers	September 18	535	0.6%	535	1.1%
Street Lights	Consumers	September 18	8	-11.1%	9	-1.2%
Electric Meters						
All Sectors	Meters	September 18	3,219	0.3%	3,217	0.8%
Residential	Meters	September 18	2,689	0.3%	2,687	0.7%
Commercial	Meters	September 18	530	0.8%	530	1.3%
Street Lights	Meters	September 18	-	N/A	-	N/A
Electricity Sale (KWH Sold)						
All Sectors	KWH	September 18	2,523,241	2.1%	21,577,671	2.4%
Residential	KWH	September 18	881,453	4.1%	7,833,552	1.3%
Commercial	KWH	September 18	1,596,123	0.9%	13,328,580	3.1%
Street Lights	KWH	September 18	45,665	5.6%	415,539	-0.2%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 18	1,026,128	30.1%	8,369,913	16.7%
Residential	Dollars	September 18	367,913	30.2%	3,095,755	13.8%
Commercial	Dollars	September 18	640,178	29.8%	5,119,811	18.5%
Street Lights	Dollars	September 18	18,037	35.6%	154,347	14.2%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 18	40.67	27.4%	38.79	13.9%
Residential	Cents/KWh	September 18	41.74	25.0%	39.52	12.3%
Commercial	Cents/KWh	September 18	40.11	28.7%	38.41	15.0%
Street Lights	Cents/KWh	September 18	39.50	28.4%	37.14	14.4%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 18	2,725,731	0.1%	23,748,692	2.3%
Electricity Generated at the Electric Utility Stations	KWH	September 18	2,849,700	0.7%	24,805,960	2.4%
- Generated by Steam	KWH	September 18	-	N/A	-	N/A
- Generated by Diesel	KWH	September 18	2,849,700	0.7%	24,805,960	2.4%
- Generated by Hydro and Wind	KWH	September 18	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	September 18	406	-1.5%	3,652	-8.5%
Electricity Used by Electric Utility Stations	KWH	September 18	124,375	14.0%	1,060,920	4.6%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 18	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 18	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 18	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	4,899	2.7%	41,647	2.6%
Total Cost of Oil Consumed	Dollars	September 18	524,539	51.4%	4,239,521	30.2%
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	107.07	47.3%	101.80	26.8%
Month-end price per barrel	Dollars	September 18	105.07	31.1%	103.12	28.2%
Cost of Oil/KWH Generated	Dollar/KWh	September 18	0.184	50.4%	0.204	51.3%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September 18	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	September 18	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 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	January 19	-0.03771	-40.1%	-0.03771	-40.1%

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 Jan - 2019						
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	January 19	3.300	-1.1%	3.300	-1.1%
Gasoline - Mid Grade	\$ per Gallon	January 19	3.424	-1.1%	3.424	-1.1%
Gasoline - Premium	\$ per Gallon	January 19	3.610	-0.9%	3.610	-0.9%
Diesel	\$ per Gallon	January 19	4.279	3.8%	4.279	3.8%
Foreign Imports						
Crude Oil	1000 Barrels	November 18	-	N/A	-	N/A
Distillate	1000 Barrels	November 18	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	November 18	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	November 18	-	N/A	-	N/A
Propane	1000 Barrels	November 18	19	11.8%	176	-16.6%
Fuel Ethanol	1000 Barrels	November 18	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	November 18	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	November 18	6,590,113	0.3%	74,277,172	-1.0%
Diesel Oil (non-hwy)	Gallons	November 18	1,148,047	22.0%	11,095,864	21.7%
Diesel Oil (hwy use)	Gallons	November 18	912,635	-3.1%	10,715,224	-5.4%
LPG (off hwy)	Gallons	November 18	-	N/A	-	N/A
LPG (hwy use)	Gallons	November 18	209	1215.9%	1,703	1587.4%
Small Boat (gas)	Gallons	November 18	25,145	29.5%	288,716	48.6%
Small Boat (diesel)	Gallons	November 18	-	N/A	-	N/A
Aviation Fuel	Gallons	November 18	3,623,887	15.4%	44,968,567	34.0%
Other Fuel	Gallons	November 18	2,117,766	25.5%	16,979,253	58.4%
Agricultural Refund	Gallons	November 18	-	N/A	218,323	205.9%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	January 19	464	29.2%	464	29.2%
Passenger, Diesel	Vehicle	January 19	2,932	-1.0%	2,932	-1.0%
Passenger, Gasoline	Vehicle	January 19	177,856	1.5%	177,856	1.5%
Passenger, Hybrid	Vehicle	January 19	3,227	0.5%	3,227	0.5%
Passenger, Misc Fuel	Vehicle	January 19	388	-11.8%	388	-11.8%
Freight, Electric	Vehicle	January 19	-	-100.0%	-	-100.0%
Freight, Diesel	Vehicle	January 19	6,833	0.5%	6,833	0.5%
Freight, Gasoline	Vehicle	January 19	7,042	5.4%	7,042	5.4%
Freight, Hybrid	Vehicle	January 19	2	100.0%	2	100.0%
Freight, Misc Fuel	Vehicle	January 19	5	-37.5%	5	-37.5%
Electricity Production and Sale by Utility Companies						
Electric Consumers						
All Sectors	Consumers	September 18	85,497	0.0%	85,846	0.7%
Residential	Consumers	September 18	74,023	2.1%	74,309	3.0%
Commercial	Consumers	September 18	11,306	-11.6%	11,371	-12.1%
Street Lights	Consumers	September 18	168	-4.5%	166	-4.3%
Electric Meters						
All Sectors	Meters	September 18	85,131	0.0%	85,496	0.7%
Residential	Meters	September 18	74,025	2.1%	74,319	3.0%
Commercial	Meters	September 18	11,067	-12.0%	11,145	-12.4%
Street Lights	Meters	September 18	39	39.3%	32	15.9%
Electricity Sale (KWH Sold)						
All Sectors	KWH	September 18	89,027,406	2.5%	796,173,134	1.9%
Residential	KWH	September 18	34,769,299	10.7%	316,465,958	10.1%
Commercial	KWH	September 18	54,068,350	-2.0%	477,868,370	-2.9%
Street Lights	KWH	September 18	189,757	-11.1%	1,838,806	-7.1%
Net Revenue of Utility Companies						
All Sectors	Dollars	September 18	32,197,962	14.6%	275,492,398	13.1%
Residential	Dollars	September 18	13,345,570	20.8%	116,202,435	19.5%
Commercial	Dollars	September 18	18,778,302	10.7%	158,588,366	8.8%
Street Lights	Dollars	September 18	74,090	-2.1%	701,597	9.2%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September 18	36.17	11.8%	34.60	11.0%
Residential	Cents/KWh	September 18	38.38	9.1%	36.72	8.6%
Commercial	Cents/KWh	September 18	34.73	13.0%	33.19	12.0%
Street Lights	Cents/KWh	September 18	39.04	10.1%	38.16	17.6%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September 18	95,488,252	2.5%	851,386,021	1.6%
Electricity Generated at the Electric Utility Stations	KWH	September 18	51,990,052	14.5%	443,374,898	5.8%
- Generated by Steam	KWH	September 18	16,571,618	0.7%	144,179,158	1.2%
- Generated by Diesel	KWH	September 18	35,018,604	25.1%	282,425,850	4.6%
- Generated by Hydro and Wind	KWH	September 18	399,830	-58.7%	16,769,890	161.3%
Electricity Purchased from Independent Power Plant	KWH	September 18	46,024,207	-8.1%	429,698,914	-2.2%
Electricity Used by Electric Utility Stations	KWH	September 18	2,526,007	7.0%	21,687,791	4.8%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	33,761	2.4%	290,026	0.4%
Total Cost of Oil Consumed	Dollars	September 18	2,601,335	55.6%	19,824,355	33.2%
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	77.05	51.8%	68.35	32.6%
Month-end price per barrel	Dollars	September 18	76.56	51.8%	68.06	33.9%
Cost of Oil/KWH Generated	Dollar/KWh	September 18	0.157	54.4%	0.138	31.8%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September 18	57,198	27.9%	451,445	6.6%
Total Cost of Oil Consumed	Dollars	September 18	5,710,889	55.3%	44,523,395	36.6%
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	99.84	21.5%	98.62	28.2%
Month-end price per barrel	Dollars	September 18	97.37	22.7%	95.50	28.2%
Cost of Oil/KWH Generated	Dollar/KWh	September 18	0.202	18.9%	0.198	28.5%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September-18	-	N/A	-	(1.00)
Total Cost of Oil Consumed	Dollars	September 18	0	N/A	0	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September 18	0.00	N/A	0.00	N/A
Month-end price per barrel	Dollars	September 18	0.00	N/A	0.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	September 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	January 19	0.06867	-1049.8%	0.06867	-1049.8%

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 Jan - 2019

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	November-18	-	N/A	-	N/A
Distillate	1000 Barrels	November-18	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	November-18	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	November-18	-	N/A	-	N/A
Propane	1000 Barrels	November-18	21	-4.5%	230	29.2%
Fuel Ethanol	1000 Barrels	November-18	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	November-18	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	November 18	2,466,495	2.6%	28,240,742	0.2%
Diesel Oil (non-hwy)	Gallons	November 18	663,930	-24.2%	9,913,006	5.0%
Diesel Oil (hwy use)	Gallons	November 18	263,433	-3.3%	3,015,990	4.9%
LPG (off hwy)	Gallons	November 18	-	N/A	-	N/A
LPG (hwy use)	Gallons	November 18	-	-100.0%	379	-35.4%
Small Boat (gas)	Gallons	November 18	-	N/A	-	N/A
Small Boat (diesel)	Gallons	November 18	-	N/A	-	N/A
Aviation Fuel	Gallons	November 18	2,233,830	12.5%	27,724,669	21.5%
Other Fuel	Gallons	November 18	1,210,464	5.0%	12,814,879	6.1%
Agricultural Refund	Gallons	November 18	-	N/A	52,240	2911.0%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	January-19	285	23.9%	285	23.9%
Passenger, Diesel	Vehicle	January-19	1,029	-2.3%	1,029	-2.3%
Passenger, Gasoline	Vehicle	January-19	76,773	2.3%	76,773	2.3%
Passenger, Hybrid	Vehicle	January-19	1,122	0.4%	1,122	0.4%
Passenger, Misc Fuel	Vehicle	January-19	84	-1.2%	84	-1.2%
Freight, Electric	Vehicle	January-19	-	N/A	-	N/A
Freight, Diesel	Vehicle	January-19	2,227	2.4%	2,227	2.4%
Freight, Gasoline	Vehicle	January-19	1,853	2.7%	1,853	2.7%
Freight, Hybrid	Vehicle	January-19	2	0.0%	2	0.0%
Freight, Misc Fuel	Vehicle	January-19	-	N/A	-	N/A
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	December-18	37,705	0.7%	37,593	0.8%
Residential	Consumers	December-18	29,040	0.6%	28,961	0.7%
Commercial	Consumers	December-18	4,921	1.3%	4,898	1.6%
Street Lights	Consumers	December-18	3,744	0.7%	3,734	0.8%
Electric Meters						
All Sectors	Meters	December-18	37,705	0.7%	37,593	0.8%
Residential	Meters	December-18	29,040	0.6%	28,961	0.7%
Commercial	Meters	December-18	4,921	1.3%	4,898	1.6%
Street Lights	Meters	December-18	3,744	0.7%	3,734	0.8%
Electricity Sale (KWH Sold)						
All Sectors	KWH	December-18	35,628,992	4.4%	451,114,053	1.4%
Residential	KWH	December-18	13,697,412	-0.9%	174,726,470	3.2%
Commercial	KWH	December-18	21,860,323	8.1%	275,534,943	0.2%
Street Lights	KWH	December-18	71,257	0.4%	852,640	-3.0%
Net Revenue of Utility Companies						
All Sectors	Dollars	December-18	13,187,041	13.6%	162,192,650	10.1%
Residential	Dollars	December-18	5,267,094	8.3%	65,170,080	11.5%
Commercial	Dollars	December-18	7,861,863	17.6%	96,303,192	9.2%
Street Lights	Dollars	December-18	58,084	-0.1%	719,378	1.6%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	December-18	37.01	8.8%	35.95	8.6%
Residential	Cents/KWh	December-18	38.45	9.4%	37.30	8.0%
Commercial	Cents/KWh	December-18	35.96	8.8%	34.95	8.9%
Street Lights	Cents/KWh	December-18	81.51	-0.5%	84.37	4.7%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	December-18	38,487,358	8.2%	474,010,838	2.2%
Electricity Generated at the Electric Utility Stations	KWH	December-18	25,248,801	6.2%	313,057,832	3.1%
- Generated by Steam	KWH	December-18	-	N/A	1,357,260	-33.3%
- Generated by Diesel	KWH	December-18	24,766,736	5.3%	307,151,647	4.1%
- Generated by Hydro and Wind	KWH	December-18	482,065	78.1%	4,548,925	-32.4%
Electricity Purchased from Independent Power Plant	KWH	December-18	14,010,844	12.1%	170,217,371	0.7%
Electricity Used by Electric Utility Stations	KWH	December-18	772,287	7.2%	9,264,365	2.8%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December-18	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	December-18	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	December-18	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	December-18	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	December-18	0.00	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	December-18	41,833	4.1%	525,347	4.4%
Total Cost of Oil Consumed	Dollars	December-18	3,576,858	7.9%	47,401,906	30.7%
Ave Cost/Bbl of Oil Consumed	Dollars	December-18	85.50	3.6%	90.23	25.2%
Month-end price per barrel	Dollars	December-18	100.78	7.8%	101.27	24.8%
Cost of Oil/KWH Generated	Dollar/KWh	December-18	0.144	2.4%	0.154	24.9%
Energy Cost Adjustment Factor						
Schedule D, G, J, L, P, SL	\$/KWH	January-19	-0.02073	173.1%	-0.02073	173.1%

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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