



MONTHLY ENERGY TREND HIGHLIGHTS

SEPTEMBER 2017

Crude Oil Prices:

In September 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 \$49.88 per barrel in September 2017 which was up \$4.65 (10.3%) per barrel from the same month last year. Compared to August 2017, it was an increase of \$1.82 (3.8%) per barrel.

Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 2.0 million barrels of foreign crude oil in July 2017. This was a decrease of 0.1 million barrels (3.2%) from the same month last year. Compared to June 2017, it was an increase of 0.2 million barrels (11.2%).

Gasoline Prices:

In September 2017, the regular gasoline price in Hawaii averaged \$3.111 per gallon, which was 49.2 cents per gallon (18.8%) higher than the national average for the same month.

Hawaii's regular gasoline price in September 2017 was an increase of 32.0 cents per gallon (11.5%) from the same month last year, and an increase of 3.3 cents per gallon (1.1%) from August 2017.

The national average price for regular gasoline in September 2017 was \$2.619 per gallon, an increase of 42.1 cents per gallon (19.1%) from the same month last year, and an increase of 25.5 cents per gallon (10.8%) from August 2017.

The average prices of regular gasoline within the State in September 2017 were as follows: Wailuku, \$3.531; Hilo, \$3.130; and Oahu, \$2.939.

Diesel Fuel Prices:

The national average price for diesel in September 2017 was \$2.714 per gallon which was an increase of 35.6 cents (15.1%) from the same month a year ago, and an increase of 18.6 cents (7.4%) from August 2017.

Hawaii's average price for diesel in September 2017 was \$4.011 per gallon which decreased 3.5 cents (0.9%) per gallon from the same month last year and decreased 1.2 cents per gallon (0.3%) from August 2017. Hawaii's diesel price was \$1.298 per gallon (47.8%) higher than the national average.

In September 2017, the average prices per gallon for diesel among Hawaii's market were as follows: Hilo, \$4.096; Wailuku, \$4.081; and Oahu, \$3.969.

Gasoline Consumption:

Hawaii's statewide consumption for gasoline in July 2017, as measured by the gasoline tax base, was 39.6 million gallons, which decreased 0.4 million gallons (0.9%) from the same month a year ago. Gasoline in July 2017 was mainly consumed in Honolulu (61.9%), followed by Hawaii County (17.4%), Maui County (14.0%), and Kauai County (6.8%).

Highway Diesel Fuel Consumption:

Hawaii's July 2017 consumption for highway use diesel was 4.1 million gallons, which increased 0.1 million gallons (2.7%) from the same month last year. Highway use diesel in July 2017 was mainly consumed in Honolulu (57.3%), followed by Hawaii County (24.2%), Maui County (12.1%), and Kauai County (6.5%).

Aviation Fuel Consumption:

In July 2017, data from the Department of Taxation showed statewide aviation fuel consumption was 24.5 million gallons, which increased 8.07 million gallons (49.0%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (46.3%), Maui County (27.5%), Hawaii County (14.8%), and Kauai County (11.4%).

Registered Taxable Vehicles:

As of September 2017, there were 1,058,580 registered passenger vehicles in the state, an increase of 18,146 vehicles (1.7%) from the same month last year and an increase of 822 vehicles (0.1%) from August 2017. The number of passenger gasoline vehicles was 1,017,378, which was 96.1% of total passenger vehicles. It represents an increase of 13,087 vehicles (1.3%) from the same period last year, and an increase of 600 vehicles (0.1%) from August 2017.

In September 2017, the number of passenger electric vehicles in the state was 6,345, an increase of 1,590 vehicles (33.4%) from the same month last year, and an increase of 129 vehicles (2.1%) from August 2017. The number of passenger hybrid vehicles in the state in this month was 24,632, accounting for 2.3% of the total passenger vehicles. It represents an increase of 11.0% from the same month last year and an increase of 0.5% from August 2017.

In September 2017, there were 46,527 registered freight gasoline vehicles, a 3.3% increase from the same period last year, and a 0.4% increase from August 2017. The number of freight diesel vehicles in September 2017 was 24,046, a 2.7% increase from the same period last year, and remained relatively unchanged from August 2017.

Monthly Energy Trend: State						
Month of Sep - 2017						
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	September 17	49.88	10.3%	49.47	19.7%
Europe Brent Spot Price	\$ per Barrel	August 17	51.70	12.8%	51.28	24.9%
Gasoline and Diesel Prices						
Gasoline - Regular, National	\$ per Gallon	September 17	2.619	19.1%	2.357	12.9%
Gasoline - Mid Grade, National	\$ per Gallon	September 17	2.881	17.1%	2.631	12.1%
Gasoline - Premium, National	\$ per Gallon	September 17	3.123	15.7%	2.875	11.5%
Diesel, National	\$ per Gallon	September 17	2.714	15.1%	2.528	14.0%
Gasoline - Regular, State	\$ per Gallon	September 17	3.111	11.5%	3.071	14.5%
Gasoline - Mid Grade, State	\$ per Gallon	September 17	3.241	12.2%	3.185	14.3%
Gasoline - Premium, State	\$ per Gallon	September 17	3.369	12.3%	3.314	15.0%
Diesel, State	\$ per Gallon	September 17	4.011	-0.9%	4.044	-1.8%
Fuel Surcharges						
Matson Navigation Company	Percentage	September 17	24.50%	0.0%	24.50%	0.0%
Foreign Imports						
Crude Oil	1000 Barrels	July 17	1,952	-3.2%	10,883	-41.3%
Distillate	1000 Barrels	July 17	-	-100.0%	-	-100.0%
Jet Fuel, Kerosene	1000 Barrels	July 17	508	-51.5%	4,107	-3.5%
Residual Fuel Oil	1000 Barrels	July 17	-	-100.0%	-	-100.0%
Propane	1000 Barrels	July 17	40	-32.2%	442	3.5%
Fuel Ethanol	1000 Barrels	July 17	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	July 17	74	72.1%	209	4.0%
Liquid Fuel Tax Base						
Gasoline	Gallons	July 17	39,555,907	-0.9%	272,158,331	-0.7%
Diesel Oil (non-hwy)	Gallons	July 17	12,323,025	8.2%	80,437,907	-2.0%
Diesel Oil (hwy use)	Gallons	July 17	4,051,242	2.7%	27,885,820	2.0%
LPG (off hwy)	Gallons	July 17	-	N/A	-	N/A
LPG (hwy use)	Gallons	July 17	419	-49.6%	3,157	-56.3%
Small Boat (gas)	Gallons	July 17	110,147	-11408.5%	599,625	46.4%
Small Boat (diesel)	Gallons	July 17	219,764	-10.0%	2,101,939	19.1%
Aviation Fuel	Gallons	July 17	24,545,297	49.0%	151,729,127	45.4%
Other Fuel	Gallons	July 17	1,897,661	-69.8%	14,544,175	16.7%
Agricultural Refund	Gallons	July 17	21,449	-24.7%	205,953	-33.5%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	September 17	6,345	33.4%	5,784	31.2%
Passenger, Diesel	Vehicle	September 17	8,934	-0.9%	8,955	-1.7%
Passenger, Gasoline	Vehicle	September 17	1,017,378	1.3%	1,010,982	0.4%
Passenger, Hybrid	Vehicle	September 17	24,632	11.0%	24,155	11.2%
Passenger, Misc Fuel	Vehicle	September 17	1,291	613.3%	1,288	589.4%
Freight, Electric	Vehicle	September 17	8	33.3%	7	36.2%
Freight, Diesel	Vehicle	September 17	24,046	2.7%	23,744	2.1%
Freight, Gasoline	Vehicle	September 17	46,527	3.3%	45,977	2.7%
Freight, Hybrid	Vehicle	September 17	94	-7.8%	97	-0.5%
Freight, Misc Fuel	Vehicle	September 17	100	-3.8%	100	-4.9%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 17	498,121	0.5%	497,858	0.5%
Residential	Consumers	June 17	432,199	0.4%	432,042	0.5%
Commercial	Consumers	June 17	61,400	0.6%	61,318	0.3%
Street Lights	Consumers	June 17	4,522	1.4%	4,499	0.6%
Electric Meters						
All sectors	Meters	June 17	497,211	0.5%	496,935	0.5%
Residential	Meters	June 17	432,223	0.4%	432,054	0.5%
Commercial	Meters	June 17	61,111	0.6%	61,027	0.3%
Street Lights	Meters	June 17	3,877	1.8%	3,853	1.3%
Electricity Sale (KWH sold)						
All Sectors	KWH	June 17	761,888,778	0.4%	4,402,498,288	-1.0%
Residential	KWH	June 17	202,159,156	0.0%	1,186,045,207	1.1%
Commercial	KWH	June 17	556,371,681	0.5%	3,195,106,076	-1.8%
Street Lights	KWH	June 17	3,357,941	3.6%	21,347,005	-7.7%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 17	202,148,349	10.8%	1,141,681,782	9.9%
Residential	Dollars	June 17	62,684,000	10.9%	354,793,637	10.2%
Commercial	Dollars	June 17	138,525,236	10.8%	781,180,400	9.8%
Street Lights	Dollars	June 17	939,113	11.2%	5,707,745	0.6%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 17	26.53	10.4%	25.93	11.0%
Residential	Cents/KWh	June 17	31.01	10.9%	29.91	9.0%
Commercial	Cents/KWh	June 17	24.90	10.2%	24.45	11.7%
Street Lights	Cents/KWh	June 17	27.97	7.4%	26.74	9.0%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 17	812,178,652	1.5%	4,632,850,271	-0.9%
Electricity Generated at the Electric Utility Stations	KWH	June 17	432,877,705	-1.1%	2,706,976,821	-0.7%
- Generated by Steam	KWH	June 17	320,737,708	-3.9%	1,938,419,596	-1.9%
- Generated by Diesel	KWH	June 17	105,460,494	7.6%	730,281,192	1.6%
- Generated by Biodiesel	KWH	June 17	5,325,424	73.3%	26,596,994	26.7%
- Generated by Hydro and Wind	KWH	June 17	1,354,079	-54.6%	8,679,039	-18.6%
Electricity Purchased from Independent Power Plant	KWH	June 17	403,313,243	4.0%	2,074,828,716	-1.0%
Electricity Used by Electric Utility Stations	KWH	June 17	24,012,296	-3.8%	148,955,266	0.5%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	528,371	-2.9%	3,179,105	-1.5%
Total Cost of Oil Consumed	Dollars	June 17	34,066,897	38.5%	203,013,452	45.1%
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	64.48	42.6%	63.86	47.4%
Month-end price per barrel	Dollars	June 17	56.31	42.8%	55.24	51.7%
Cost of Oil/KWH Generated	Dollar/KWh	June 17	0.112	43.9%	0.111	49.8%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	176,873	9.2%	1,193,003	3.7%
Total Cost of Oil Consumed	Dollars	June 17	13,322,555	27.3%	91,568,910	25.8%
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	75.32	16.6%	76.75	21.4%
Month-end price per barrel	Dollars	June 17	81.46	16.4%	80.08	21.2%
Cost of Oil/KWH Generated	Dollar/KWh	June 17	0.131	17.6%	0.132	22.6%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	15,261	71.8%	84,608	44.2%
Total Cost of Oil Consumed	Dollars	June 17	2,006,349	86.5%	8,484,412	2.2%
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	131.47	8.6%	100.28	-29.1%
Month-end price per barrel	Dollars	June 17	136.70	14.7%	109.62	-19.9%
Cost of Oil/KWH Generated	Dollar/KWh	June 17	0.406	2.2%	0.315	-23.5%

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: Oahu						
Month of Sep - 2017						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
Gasoline - Regular	\$ per Gallon	September 17	2.939	10.5%	2.922	17.1%
Gasoline - Mid Grade	\$ per Gallon	September 17	3.077	11.3%	3.051	17.0%
Gasoline - Premium	\$ per Gallon	September 17	3.226	12.1%	3.194	18.1%
Diesel	\$ per Gallon	September 17	3.969	-1.0%	4.026	-0.7%
Foreign Imports						
Crude Oil	1000 Barrels	July 17	1,952	-3.2%	10,883	-41.3%
Distillate	1000 Barrels	July 17	-	-100.0%	-	-100.0%
Jet Fuel, Kerosene	1000 Barrels	July 17	508	-51.5%	4,107	-3.5%
Residual Fuel Oil	1000 Barrels	July 17	-	-100.0%	-	-100.0%
Propane	1000 Barrels	July 17	4	N/A	39	-49.4%
Fuel Ethanol	1000 Barrels	July 17	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	July 17	74	72.1%	209	4.0%
Liquid Fuel Tax Base						
Gasoline	Gallons	July 17	24,471,690	-3.5%	167,749,510	-2.6%
Diesel Oil (non-hwy)	Gallons	July 17	9,577,171	7.4%	61,648,797	-1.1%
Diesel Oil (hwy use)	Gallons	July 17	2,319,468	-6.1%	14,470,297	-8.3%
LPG (off hwy)	Gallons	July 17	-	N/A	-	N/A
LPG (hwy use)	Gallons	July 17	341	-53.5%	2,621	-58.9%
Small Boat (gas)	Gallons	July 17	76,766	-10213.9%	381,418	60.3%
Small Boat (diesel)	Gallons	July 17	219,764	-10.0%	2,101,939	19.1%
Aviation Fuel	Gallons	July 17	11,370,017	151.4%	69,469,086	141.3%
Other Fuel	Gallons	July 17	130,628	-64.6%	906,746	-22.3%
Agricultural Refund	Gallons	July 17	21,449	0.9%	87,964	-9.7%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	September 17	4,960	35.9%	4,508	34.3%
Passenger, Diesel	Vehicle	September 17	3,326	-3.0%	3,367	-3.3%
Passenger, Gasoline	Vehicle	September 17	610,236	1.1%	606,859	0.3%
Passenger, Hybrid	Vehicle	September 17	16,896	7.5%	16,553	7.7%
Passenger, Misc Fuel	Vehicle	September 17	527	397.2%	524	377.9%
Freight, Electric	Vehicle	September 17	7	40.0%	6	27.9%
Freight, Diesel	Vehicle	September 17	11,523	2.4%	11,437	2.3%
Freight, Gasoline	Vehicle	September 17	32,463	3.6%	32,012	2.6%
Freight, Hybrid	Vehicle	September 17	88	-6.4%	91	-0.5%
Freight, Misc Fuel	Vehicle	September 17	87	-4.4%	87	-5.8%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 17	304,662	0.3%	304,557	0.4%
Residential	Consumers	June 17	270,796	0.3%	270,755	0.4%
Commercial	Consumers	June 17	33,455	0.4%	33,392	-0.1%
Street Lights	Consumers	June 17	411	-0.5%	411	-1.4%
Electric Meters						
All Sectors	Meters	June 17	304,339	0.3%	304,221	0.4%
Residential	Meters	June 17	270,819	0.3%	270,765	0.4%
Commercial	Meters	June 17	33,403	0.4%	33,339	-0.1%
Street Lights	Meters	June 17	117	0.0%	117	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 17	547,949,685	0.8%	3,148,793,042	-1.0%
Residential	KWH	June 17	128,324,765	0.9%	742,275,241	1.1%
Commercial	KWH	June 17	417,059,329	0.8%	2,390,009,864	-1.7%
Street Lights	KWH	June 17	2,565,591	2.5%	16,507,937	-2.6%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 17	134,918,311	13.2%	753,603,538	10.8%
Residential	Dollars	June 17	37,505,362	13.5%	208,275,429	10.2%
Commercial	Dollars	June 17	96,753,121	13.1%	541,273,861	11.0%
Street Lights	Dollars	June 17	659,828	14.4%	4,054,248	9.1%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 17	24.62	12.3%	23.93	11.9%
Residential	Cents/KWh	June 17	29.23	12.4%	28.06	9.0%
Commercial	Cents/KWh	June 17	23.20	12.2%	22.65	12.9%
Street Lights	Cents/KWh	June 17	25.72	11.6%	24.56	12.0%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 17	581,164,718	1.9%	3,301,915,492	-0.9%
Electricity Generated at the Electric Utility Stations	KWH	June 17	301,954,594	0.3%	1,819,729,071	0.8%
- Generated by Steam	KWH	June 17	292,229,600	-1.7%	1,766,693,400	-0.8%
- Generated by Diesel	KWH	June 17	4,399,570	473.8%	23,438,677	419.5%
- Generated by Biodiesel	KWH	June 17	5,325,424	73.3%	26,596,994	26.7%
- Generated by Hydro and Wind	KWH	June 17	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 17	297,277,613	3.1%	1,593,067,407	-2.8%
Electricity Used by Electric Utility Stations	KWH	June 17	18,067,489	-4.1%	110,880,986	-0.5%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	468,339	-0.1%	2,818,750	0.1%
Total Cost of Oil Consumed	Dollars	June 17	31,133,213	40.3%	184,571,289	46.2%
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	66.48	40.5%	65.48	46.1%
Month-end price per barrel	Dollars	June 17	65.76	25.5%	65.26	50.9%
Cost of Oil/KWH Generated	Dollar/KWh	June 17	0.113	42.5%	0.112	48.8%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	13,880	182.2%	68,328	150.8%
Total Cost of Oil Consumed	Dollars	June 17	970,375	225.6%	4,759,583	163.3%
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	69.91	15.4%	69.66	5.0%
Month-end price per barrel	Dollars	June 17	74.10	22.9%	70.46	7.7%
Cost of Oil/KWH Generated	Dollar/KWh	June 17	0.224	-46.0%	0.252	-43.6%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	15,261	71.8%	84,608	44.2%
Total Cost of Oil Consumed	Dollars	June 17	2,006,349	86.5%	8,484,412	2.2%
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	131.47	8.6%	100.28	-29.1%
Month-end price per barrel	Dollars	June 17	136.70	14.7%	109.62	-19.9%
Cost of Oil/KWH Generated	Dollar/KWh	June 17	0.406	2.2%	0.315	-23.5%
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	September 17	-0.02288	-31.6%	-0.02036	-54.0%

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)

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Monthly Energy Trend: Maui						
Month of Sep - 2017						
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	September 17	3.531	8.8%	3.498	9.8%
Gasoline - Mid Grade	\$ per Gallon	September 17	3.663	8.9%	3.626	9.6%
Gasoline - Premium	\$ per Gallon	September 17	3.764	9.4%	3.715	9.7%
Diesel	\$ per Gallon	September 17	4.081	-0.2%	4.061	-0.7%
Foreign Imports						
Crude Oil	1000 Barrels	July 17	-	N/A	-	N/A
Distillate	1000 Barrels	July 17	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	July 17	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	July 17	-	N/A	-	N/A
Propane	1000 Barrels	July 17	13	-27.8%	149	38.0%
Fuel Ethanol	1000 Barrels	July 17	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	July 17	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	July 17	5,528,688	8.3%	38,480,155	2.4%
Diesel Oil (non-hwy)	Gallons	July 17	782,936	-10.5%	6,671,055	-25.0%
Diesel Oil (hwy use)	Gallons	July 17	488,466	49.6%	4,348,062	28.3%
LPG (off hwy)	Gallons	July 17	-	N/A	-	N/A
LPG (hwy use)	Gallons	July 17	12	N/A	50	N/A
Small Boat (gas)	Gallons	July 17	10,392	N/A	104,450	51607.7%
Small Boat (diesel)	Gallons	July 17	-	N/A	-	N/A
Aviation Fuel	Gallons	July 17	6,753,595	4.2%	44,940,797	2.9%
Other Fuel	Gallons	July 17	31,979	-1.9%	211,706	13.2%
Agricultural Refund	Gallons	July 17	-	N/A	44,880	-30.4%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	September 17	858	16.9%	813	16.0%
Passenger, Diesel	Vehicle	September 17	1,601	0.3%	1,590	-0.9%
Passenger, Gasoline	Vehicle	September 17	158,592	0.7%	157,743	-0.1%
Passenger, Hybrid	Vehicle	September 17	3,475	29.2%	3,419	30.1%
Passenger, Misc Fuel	Vehicle	September 17	237	930.4%	234	847.3%
Freight, Electric	Vehicle	September 17	-	N/A	-	N/A
Freight, Diesel	Vehicle	September 17	3,601	2.0%	3,470	-0.9%
Freight, Gasoline	Vehicle	September 17	5,868	1.5%	5,828	2.0%
Freight, Hybrid	Vehicle	September 17	3	0.0%	3	0.0%
Freight, Misc Fuel	Vehicle	September 17	5	0.0%	5	12.5%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 17	65,995	0.4%	65,964	0.4%
Residential	Consumers	June 17	56,390	0.3%	56,358	0.3%
Commercial	Consumers	June 17	9,397	0.9%	9,397	0.9%
Street Lights	Consumers	June 17	208	-1.9%	208	-0.2%
Electric Meters						
All Sectors	Meters	June 17	65,783	0.4%	65,752	0.4%
Residential	Meters	June 17	56,391	0.3%	56,360	0.3%
Commercial	Meters	June 17	9,378	0.9%	9,378	0.9%
Street Lights	Meters	June 17	14	0.0%	14	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 17	86,001,776	-1.1%	501,176,521	-2.4%
Residential	KWH	June 17	27,524,720	-2.5%	165,384,238	-0.7%
Commercial	KWH	June 17	58,016,483	-0.5%	333,055,934	-3.2%
Street Lights	KWH	June 17	460,573	-1.0%	2,736,349	-2.4%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 17	26,466,479	7.6%	146,818,659	7.5%
Residential	Dollars	June 17	9,272,247	10.5%	51,207,826	9.7%
Commercial	Dollars	June 17	17,061,940	6.2%	94,869,736	6.5%
Street Lights	Dollars	June 17	132,292	5.3%	741,097	6.1%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 17	30.77	8.9%	29.29	10.2%
Residential	Cents/KWh	June 17	33.69	13.3%	30.96	10.4%
Commercial	Cents/KWh	June 17	29.41	6.7%	28.48	10.0%
Street Lights	Cents/KWh	June 17	28.72	6.4%	27.08	8.7%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 17	91,350,129	-0.6%	529,316,531	-1.0%
Electricity Generated at the Electric Utility Stations	KWH	June 17	66,834,774	8.5%	437,452,194	-0.4%
- Generated by Steam	KWH	June 17	13,157,100	17.1%	76,973,300	45.3%
- Generated by Diesel	KWH	June 17	53,677,674	6.6%	360,478,894	-6.6%
- Generated by Hydro and Wind	KWH	June 17	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 17	27,739,475	-16.5%	110,746,517	-2.5%
Electricity Used by Electric Utility Stations	KWH	June 17	3,224,120	11.7%	18,882,180	6.6%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	29,175	17.0%	170,877	32.6%
Total Cost of Oil Consumed	Dollars	June 17	1,407,632	91.9%	8,437,319	91.0%
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	48.25	64.0%	49.38	44.1%
Month-end price per barrel	Dollars	June 17	48.77	49.2%	48.65	44.9%
Cost of Oil/KWH Generated	Dollar/KWh	June 17	0.107	63.9%	0.109	40.2%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	82,918	8.4%	556,221	-2.1%
Total Cost of Oil Consumed	Dollars	June 17	6,777,407	45.6%	43,030,514	22.6%
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	81.74	34.3%	77.36	25.2%
Month-end price per barrel	Dollars	June 17	77.72	13.9%	77.13	29.2%
Cost of Oil/KWH Generated	Dollar/KWh	June 17	0.126	36.7%	0.120	30.0%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 17	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	-	N/A	-	N/A
Month-end price per barrel	Dollars	June 17	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 17	-	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	September 17	-0.09278	18.0%	-0.07217	-16.7%

Source:

NYMEX WTI Prices, New York Mercantile Exchange

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

Foreign Imports, US Department of Energy, Energy Information Administration

Gasoline and Diesel Prices, American Automobile Association

Fuel Surcharges, Matson Navigation Company

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 Sep - 2017

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	June 17	1,730	-0.5%	1,734	0.4%
Residential	Consumers	June 17	1,480	-0.5%	1,483	0.3%
Commercial	Consumers	June 17	246	0.0%	247	1.2%
Street Lights	Consumers	June 17	4	0.0%	4	0.0%
Electric Meters						
All Sectors	Meters	June 17	1,734	-0.5%	1,738	0.3%
Residential	Meters	June 17	1,480	-0.5%	1,483	0.2%
Commercial	Meters	June 17	253	0.0%	254	1.1%
Street Lights	Meters	June 17	1	0.0%	1	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 17	2,544,874	5.6%	14,697,181	2.8%
Residential	KWH	June 17	617,705	-0.5%	3,647,890	-0.9%
Commercial	KWH	June 17	1,916,799	7.7%	10,987,071	4.2%
Street Lights	KWH	June 17	10,370	0.0%	62,220	0.0%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 17	908,282	10.9%	5,193,694	10.7%
Residential	Dollars	June 17	220,426	5.2%	1,286,030	6.8%
Commercial	Dollars	June 17	684,249	12.9%	3,886,267	12.1%
Street Lights	Dollars	June 17	3,607	4.9%	21,397	8.3%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 17	35.69	5.0%	35.34	7.6%
Residential	Cents/KWh	June 17	35.68	5.7%	35.25	7.8%
Commercial	Cents/KWh	June 17	35.70	4.8%	35.37	7.6%
Street Lights	Cents/KWh	June 17	34.78	4.9%	34.39	8.3%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 17	2,627,991	5.0%	15,342,834	4.9%
Electricity Generated at the Electric Utility Stations	KWH	June 17	2,507,318	5.5%	14,662,388	6.6%
- Generated by Steam	KWH	June 17	-	N/A	-	N/A
- Generated by Diesel	KWH	June 17	2,507,318	5.5%	14,662,388	6.6%
- Generated by Hydro and Wind	KWH	June 17	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 17	201,063	5.7%	1,152,520	-16.6%
Electricity Used by Electric Utility Stations	KWH	June 17	80,390	25.3%	472,074	5.0%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 17	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 17	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 17	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	4,339	0.3%	25,096	0.9%
Total Cost of Oil Consumed	Dollars	June 17	418,123	10.0%	2,380,902	46.0%
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	96.36	9.7%	94.87	44.7%
Month-end price per barrel	Dollars	June 17	95.98	4.2%	95.57	19.5%
Cost of Oil/KWH Generated	Dollar/KWh	June 17	0.167	4.3%	0.162	18.3%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 17	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 17	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 17	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	September 17	-0.10389	-17.8%	-0.11256	-16.5%

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

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Monthly Energy Trend: Molokai
Month of Sep - 2017

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	June 17	3,204	-0.2%	3,201	-0.3%
Residential	Consumers	June 17	2,662	-0.4%	2,664	-0.4%
Commercial	Consumers	June 17	533	1.1%	528	-0.2%
Street Lights	Consumers	June 17	9	0.0%	9	0.0%
Electric Meters						
All Sectors	Meters	June 17	3,189	-0.2%	3,186	-0.3%
Residential	Meters	June 17	2,662	-0.4%	2,664	-0.4%
Commercial	Meters	June 17	527	1.2%	522	-0.1%
Street Lights	Meters	June 17	-	N/A	-	N/A
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 17	2,355,193	2.2%	13,590,879	-0.2%
Residential	KWH	June 17	827,002	2.9%	5,109,121	6.5%
Commercial	KWH	June 17	1,484,988	1.9%	8,205,844	-4.0%
Street Lights	KWH	June 17	43,203	0.1%	275,914	0.2%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 17	811,238	19.5%	4,688,254	11.3%
Residential	Dollars	June 17	300,227	21.7%	1,812,494	17.4%
Commercial	Dollars	June 17	496,765	18.2%	2,785,373	7.6%
Street Lights	Dollars	June 17	14,246	18.0%	90,387	12.7%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 17	34.44	16.9%	34.50	11.5%
Residential	Cents/KWh	June 17	36.30	18.3%	35.48	10.2%
Commercial	Cents/KWh	June 17	33.45	16.0%	33.94	12.1%
Street Lights	Cents/KWh	June 17	32.97	18.0%	32.76	12.4%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 17	2,568,542	0.8%	14,939,530	0.9%
Electricity Generated at the Electric Utility Stations	KWH	June 17	2,676,140	1.0%	15,612,080	1.2%
- Generated by Steam	KWH	June 17	-	N/A	-	N/A
- Generated by Diesel	KWH	June 17	2,676,140	1.0%	15,612,080	1.2%
- Generated by Hydro and Wind	KWH	June 17	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 17	412	0.5%	2,705	-4.6%
Electricity Used by Electric Utility Stations	KWH	June 17	108,010	3.8%	675,255	8.7%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 17	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 17	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 17	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	4,481	-0.6%	26,093	-1.9%
Total Cost of Oil Consumed	Dollars	June 17	374,298	38.6%	2,133,434	22.8%
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	83.53	39.5%	81.76	25.1%
Month-end price per barrel	Dollars	June 17	82.95	31.3%	82.31	30.4%
Cost of Oil/KWH Generated	Dollar/KWh	June 17	0.140	37.3%	0.137	23.1%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 17	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 17	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 17	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	September 17	-0.10692	9.2%	-0.08938	-24.3%

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

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Research & Economic Analysis Division.

Monthly Energy Trend: Hawaii						
Month of Sep - 2017						
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	September 17	3.130	16.3%	3.051	13.8%
Gasoline - Mid Grade	\$ per Gallon	September 17	3.270	17.0%	3.168	13.9%
Gasoline - Premium	\$ per Gallon	September 17	3.422	16.8%	3.328	14.7%
Diesel	\$ per Gallon	September 17	4.096	1.8%	4.090	1.0%
Foreign Imports						
Crude Oil	1000 Barrels	July 17	-	N/A	-	N/A
Distillate	1000 Barrels	July 17	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	July 17	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	July 17	-	N/A	-	N/A
Propane	1000 Barrels	July 17	14	-30.0%	140	-0.7%
Fuel Ethanol	1000 Barrels	July 17	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	July 17	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	July 17	6,864,776	1.3%	48,013,294	2.2%
Diesel Oil (non-hwy)	Gallons	July 17	1,094,089	63.9%	6,275,356	44.5%
Diesel Oil (hwy use)	Gallons	July 17	980,716	9.8%	7,301,004	15.9%
LPG (off hwy)	Gallons	July 17	-	N/A	-	N/A
LPG (hwy use)	Gallons	July 17	14	N/A	49	N/A
Small Boat (gas)	Gallons	July 17	22,989	-10792.3%	113,758	4.2%
Small Boat (diesel)	Gallons	July 17	-	N/A	-	N/A
Aviation Fuel	Gallons	July 17	3,631,712	21.8%	22,406,437	21.4%
Other Fuel	Gallons	July 17	540,836	-77.2%	6,136,261	6.3%
Agricultural Refund	Gallons	July 17	-	N/A	71,374	-45.5%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	September 17	316	47.7%	273	36.3%
Passenger, Diesel	Vehicle	September 17	2,949	1.0%	2,935	-0.5%
Passenger, Gasoline	Vehicle	September 17	174,316	2.7%	172,684	1.3%
Passenger, Hybrid	Vehicle	September 17	3,151	14.0%	3,085	13.9%
Passenger, Misc Fuel	Vehicle	September 17	441	1125.0%	443	1102.1%
Freight, Electric	Vehicle	September 17	1	0.0%	1	125.0%
Freight, Diesel	Vehicle	September 17	6,765	2.6%	6,721	2.4%
Freight, Gasoline	Vehicle	September 17	6,403	3.8%	6,352	4.0%
Freight, Hybrid	Vehicle	September 17	1	-66.7%	1	-41.2%
Freight, Misc Fuel	Vehicle	September 17	8	0.0%	8	5.6%
Electricity Production and Sale by Utility Companies						
Electric Consumers						
All Sectors	Consumers	June 17	85,267	0.9%	85,194	0.9%
Residential	Consumers	June 17	72,139	0.9%	72,066	1.0%
Commercial	Consumers	June 17	12,955	0.5%	12,954	0.5%
Street Lights	Consumers	June 17	173	0.6%	174	-7.2%
Electric Meters						
All Sectors	Meters	June 17	84,903	0.9%	84,830	1.0%
Residential	Meters	June 17	72,139	0.9%	72,067	1.0%
Commercial	Meters	June 17	12,736	0.6%	12,735	0.5%
Street Lights	Meters	June 17	28	3.7%	28	7.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 17	84,717,539	-2.1%	509,712,285	-1.6%
Residential	KWH	June 17	30,359,551	-3.1%	187,891,672	1.3%
Commercial	KWH	June 17	54,150,734	-2.0%	320,508,975	-3.2%
Street Lights	KWH	June 17	207,254	-1679.9%	1,311,638	-19.7%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 17	26,496,360	7.3%	159,818,992	9.6%
Residential	Dollars	June 17	10,439,089	6.8%	63,843,438	12.0%
Commercial	Dollars	June 17	15,986,222	7.2%	95,531,777	8.1%
Street Lights	Dollars	June 17	71,049	489.8%	443,777	-9.3%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 17	31.28	9.6%	31.35	11.4%
Residential	Cents/KWh	June 17	34.38	10.3%	33.98	10.5%
Commercial	Cents/KWh	June 17	29.52	9.4%	29.81	11.7%
Street Lights	Cents/KWh	June 17	34.28	-137.3%	33.83	12.9%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 17	93,250,807	-0.6%	548,024,545	-1.6%
Electricity Generated at the Electric Utility Stations	KWH	June 17	34,597,334	-24.4%	271,893,518	-11.3%
- Generated by Steam	KWH	June 17	15,351,008	-38.2%	93,067,186	-34.1%
- Generated by Diesel	KWH	June 17	18,632,126	-0.3%	174,262,512	10.5%
- Generated by Hydro and Wind	KWH	June 17	614,200	-72.2%	4,563,820	-39.7%
Electricity Purchased from Independent Power Plant	KWH	June 17	60,527,262	20.4%	289,515,400	9.9%
Electricity Used by Electric Utility Stations	KWH	June 17	1,873,789	-15.9%	13,384,373	0.6%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	30,857	-38.5%	189,478	-33.0%
Total Cost of Oil Consumed	Dollars	June 17	1,526,052	-9.2%	10,004,844	8.1%
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	49.46	47.6%	52.80	61.5%
Month-end price per barrel	Dollars	June 17	54.39	63.7%	51.81	59.7%
Cost of Oil/KWH Generated	Dollar/KWh	June 17	0.099	47.0%	0.108	65.1%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 17	31,536	1.2%	273,425	5.7%
Total Cost of Oil Consumed	Dollars	June 17	2,053,755	7.7%	21,726,676	28.8%
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	65.12	6.4%	79.46	21.9%
Month-end price per barrel	Dollars	June 17	85.10	45.9%	76.74	22.9%
Cost of Oil/KWH Generated	Dollar/KWh	June 17	0.136	5.9%	0.158	15.6%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June-17	-	-	-	1.25
Total Cost of Oil Consumed	Dollars	June 17	0	N/A	0	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 17	0.00	N/A	0.00	N/A
Month-end price per barrel	Dollars	June 17	0.00	N/A	0.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 17	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	September 17	-0.02447	-19.5%	-0.02687	-34.1%

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

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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: Kauai
Month of Sep - 2017

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	July-17	-	N/A	-	N/A
Distillate	1000 Barrels	July-17	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	July-17	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	July-17	-	N/A	-	N/A
Propane	1000 Barrels	July-17	9	-57.1%	114	12.9%
Fuel Ethanol	1000 Barrels	July-17	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	July-17	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	July 17	2,690,752	1.0%	17,915,372	3.0%
Diesel Oil (non-hwy)	Gallons	July 17	868,829	-6.2%	5,842,699	-10.5%
Diesel Oil (hwy use)	Gallons	July 17	262,592	3.1%	1,766,457	-5.3%
LPG (off hwy)	Gallons	July 17	-	N/A	-	N/A
LPG (hwy use)	Gallons	July 17	52	-46.8%	437	-48.2%
Small Boat (gas)	Gallons	July 17	-	N/A	-	-100.0%
Small Boat (diesel)	Gallons	July 17	-	N/A	-	N/A
Aviation Fuel	Gallons	July 17	2,789,973	12.1%	14,912,807	11.1%
Other Fuel	Gallons	July 17	1,194,218	-66.0%	7,289,462	36.6%
Agricultural Refund	Gallons	July 17	-	-100.0%	1,735	-89.5%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	September-17	211	34.4%	191	27.2%
Passenger, Diesel	Vehicle	September-17	1,058	-1.3%	1,062	-1.1%
Passenger, Gasoline	Vehicle	September-17	74,234	1.3%	73,696	-0.1%
Passenger, Hybrid	Vehicle	September-17	1,110	8.5%	1,097	8.3%
Passenger, Misc Fuel	Vehicle	September-17	86	437.5%	87	456.0%
Freight, Electric	Vehicle	September-17	-	N/A	-	N/A
Freight, Diesel	Vehicle	September-17	2,157	6.0%	2,116	5.5%
Freight, Gasoline	Vehicle	September-17	1,793	1.9%	1,786	1.8%
Freight, Hybrid	Vehicle	September-17	2	0.0%	2	0.0%
Freight, Misc Fuel	Vehicle	September-17	-	N/A	-	-100.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	August-17	37,340	0.8%	37,236	0.8%
Residential	Consumers	August-17	28,792	0.6%	28,731	0.7%
Commercial	Consumers	August-17	4,831	1.4%	4,806	1.3%
Street Lights	Consumers	August-17	3,717	1.8%	3,699	1.4%
Electric Meters						
All Sectors	Meters	August-17	37,340	0.8%	37,236	0.8%
Residential	Meters	August-17	28,792	0.6%	28,731	0.7%
Commercial	Meters	August-17	4,831	1.4%	4,806	1.3%
Street Lights	Meters	August-17	3,717	1.8%	3,699	1.4%
Electricity Sale (KWH Sold)						
All Sectors	KWH	August-17	40,258,438	3.6%	295,475,265	4.3%
Residential	KWH	August-17	15,500,553	6.3%	112,503,707	4.7%
Commercial	KWH	August-17	24,686,938	2.7%	182,376,717	4.9%
Street Lights	KWH	August-17	70,947	-69.5%	594,841	-68.1%
Net Revenue of Utility Companies						
All Sectors	Dollars	August-17	12,824,608	-0.2%	97,330,780	4.8%
Residential	Dollars	August-17	5,150,568	3.1%	38,614,725	6.2%
Commercial	Dollars	August-17	7,616,461	-1.6%	58,244,107	4.7%
Street Lights	Dollars	August-17	57,579	-49.1%	471,948	-47.4%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	August-17	31.86	-3.7%	32.94	0.4%
Residential	Cents/KWh	August-17	33.23	-3.0%	34.32	1.5%
Commercial	Cents/KWh	August-17	30.85	-4.2%	31.94	-0.2%
Street Lights	Cents/KWh	August-17	81.16	67.0%	79.34	64.7%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	August-17	43,578,388	2.6%	308,960,633	2.4%
Electricity Generated at the Electric Utility Stations	KWH	August-17	27,084,527	-7.8%	201,376,562	-0.4%
- Generated by Steam	KWH	August-17	-	N/A	1,685,710	67.4%
- Generated by Diesel	KWH	August-17	26,666,133	-6.9%	194,672,429	-1.0%
- Generated by Hydro and Wind	KWH	August-17	418,394	-42.8%	5,018,423	10.0%
Electricity Purchased from Independent Power Plant	KWH	August-17	17,197,244	23.4%	113,644,161	7.4%
Electricity Used by Electric Utility Stations	KWH	August-17	703,383	-14.0%	6,060,090	-3.3%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	August-17	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	August-17	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	August-17	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	August-17	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	August-17	0.00	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	August-17	44,612	-11.0%	332,243	-2.9%
Total Cost of Oil Consumed	Dollars	August-17	2,874,242	-15.9%	23,191,055	3.7%
Ave Cost/Bbl of Oil Consumed	Dollars	August-17	64.43	-5.5%	69.80	6.8%
Month-end price per barrel	Dollars	August-17	74.93	-0.4%	77.19	11.6%
Cost of Oil/KWH Generated	Dollar/KWh	August-17	0.108	-9.7%	0.120	5.6%
Energy Cost Adjustment Factor						
Schedule D, G, J, L, P, SL	\$/KWH	September-17	-0.02835	6.5%	-0.02653	-29.1%

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

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

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