



MONTHLY ENERGY TREND HIGHLIGHTS

OCTOBER 2020

Crude Oil Prices:

In October 2020, the crude oil price decreased from the same month last year and decreased from the previous month. The crude oil price at the New York Mercantile Exchange averaged \$39.50 per barrel in October 2020 which was down \$14.56 (26.9%) per barrel from the same month last year. Compared to September 2020, it was a decrease of \$0.12 (0.3%) per barrel.

Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 0.7 million barrels of foreign crude oil in August 2020. This was a decrease of 1.0 million barrels (56.5%) from the same month last year. Compared to July 2020, it was a decrease of 0.9 million barrels (54.9%).

Gasoline Prices:

In October 2020, the regular gasoline price in Hawaii averaged \$3.257 per gallon, which was \$1.087 cents per gallon (50.1%) higher than the national average for the same month.

Hawaii's regular gasoline price in October 2020 was a decrease of 41.1 cents per gallon (11.2%) from the same month last year, but an increase of 1.6 cents per gallon (0.5%) from September 2020.

The national average price for regular gasoline in October 2020 was \$2.170 per gallon, a decrease of 46.7 cents per gallon (17.7%) from the same month last year, and a decrease of 2.8 cents per gallon (1.3%) from September 2020.

The average prices of regular gasoline within the State in October 2020 were as follows: Kauai, \$3.605; Wailuku, \$3.512; Hilo, \$3.49; and Oahu, \$3.075.

Diesel Fuel Prices:

The national average price for diesel in October 2020 was \$2.380 per gallon which was a decrease of 62.1 cents (20.7%) from the same month a year ago, and a decrease of 2.9 cents (1.2%) from September 2020.

Hawaii's average price for diesel in October 2020 was \$4.040 per gallon which decreased 21.8 cents (5.1%) per gallon from the same month last year but increased 0.8 cents per gallon (0.2%) from September 2020. Hawaii's diesel price was \$1.660 per gallon (69.7%) higher than the national average.

In October 2020, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$4.268; Hilo, \$4.120; Oahu, \$4.028; and Wailuku, \$3.971.

Gasoline Consumption:

Hawaii's statewide consumption for gasoline in August 2020, as measured by the gasoline tax base, was 29.0 million gallons, which decreased 40.3 million gallons (58.2%) from the same month a year ago. Gasoline in August 2020 was mainly consumed in Honolulu (62.2%), followed by Hawaii County (18.8%), Maui County (12.9%), and Kauai County (6.1%).

Highway Diesel Fuel Consumption:

Hawaii's August 2020 consumption for highway use diesel was 3.3 million gallons, which decreased 3.6 million gallons (52.4%) from the same month last year. Highway use diesel in August 2020 was mainly consumed in Honolulu (50.6%), followed by Hawaii County (29.6%), Maui County (12.6%), and Kauai County (7.1%).

Aviation Fuel Consumption:

In August 2020, data from the Department of Taxation showed statewide aviation fuel consumption was 5.5 million gallons, which decreased 38.42 million gallons (87.4%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (70.7%), Hawaii County (16.0%), Maui County (10.5%), and Kauai County (2.8%).

Registered Taxable Vehicles:

As of October 2020, there were 1,060,011 registered passenger vehicles in the state, a decrease of 22,590 vehicles (2.1%) from the same month last year and a decrease of 4,025 vehicles (0.4%) from September 2020. The number of passenger gasoline vehicles was 1,015,205, which was 95.8% of total passenger vehicles. It represents a decrease of 24,600 vehicles (2.4%) from the same period last year, and a decrease of 4,111 vehicles (0.4%) from September 2020.

In October 2020, the number of passenger electric vehicles in the state was 12,953, an increase of 4,407 vehicles (51.6%) from the same month last year, and an increase of 237 vehicles (1.9%) from September 2020. The number of passenger hybrid vehicles in the state in this month was 23,257, accounting for 2.2% of the total passenger vehicles. It represents a decrease of 6.9% from the same month last year and a decrease of 0.4% from September 2020.

In October 2020, there were 49,836 registered freight gasoline vehicles, a 0.04% increase from the same period last year, but a 0.4% decrease from September 2020. The number of freight diesel vehicles in October 2020 was 24,034, a 1.1% decrease from the same period last year, but a 0.02% increase from September 2020.

Monthly Energy Trend: State Month of Oct - 2020						
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	October 20	39.50	-26.9%	38.49	-32.2%
Europe Brent Spot Price	\$ per Barrel	September 20	40.91	-34.9%	40.92	-36.7%
Gasoline and Diesel Prices						
Gasoline - Regular, National	\$ per Gallon	October 20	2.170	-17.7%	2.182	-16.6%
Gasoline -Mid Grade, National	\$ per Gallon	October 20	2.517	-15.6%	2.531	-13.8%
Gasoline -Premium, National	\$ per Gallon	October 20	2.784	-14.1%	2.796	-12.4%
Diesel, National	\$ per Gallon	October 20	2.380	-20.7%	2.563	-14.6%
Gasoline - Regular, State	\$ per Gallon	October 20	3.257	-11.2%	3.334	-5.9%
Gasoline -Mid Grade, State	\$ per Gallon	October 20	3.445	-10.5%	3.516	-5.0%
Gasoline -Premium, State	\$ per Gallon	October 20	3.664	-9.1%	3.716	-4.0%
Diesel, State	\$ per Gallon	October 20	4.040	-5.1%	4.079	-3.8%
Fuel Surcharges						
Matson Navigation Company	Percentage	October 20	30.00%	-6.3%	32.01%	-2.9%
Foreign Imports						
Crude Oil	1000 Barrels	August 20	747	-56.5%	12,587	-21.1%
Distillate	1000 Barrels	August 20	-	-100.0%	-	-100.0%
Jet Fuel, Kerosene	1000 Barrels	August 20	642	-9.6%	6,622	-8.2%
Residual Fuel Oil	1000 Barrels	August 20	-	N/A	-	N/A
Propane	1000 Barrels	August 20	56	24.4%	489	-17.4%
Fuel Ethanol	1000 Barrels	August 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	August 20	633	N/A	2,150	-17.1%
Liquid Fuel Tax Base						
Gasoline	Gallons	August 20	28,964,084	-58.2%	245,513,052	-21.2%
Diesel Oil (non-hwy)	Gallons	August 20	8,433,161	-54.8%	90,660,047	-2.5%
Diesel Oil (hwy use)	Gallons	August 20	3,294,791	-52.4%	27,160,595	-16.3%
LPG (off hwy)	Gallons	August 20	-	-	-	-
LPG (hwy use)	Gallons	August 20	1,619	-47.2%	10,676	46.6%
Small Boat (gas)	Gallons	August 20	60,416	-31.7%	885,412	2.8%
Small Boat (diesel)	Gallons	August 20	382,683	56.1%	2,133,698	3.3%
Aviation Fuel	Gallons	August 20	5,542,645	-87.4%	92,094,786	-49.7%
Other Fuel	Gallons	August 20	2,203,759	-71.1%	16,797,216	-39.5%
Agricultural Refund	Gallons	August 20	2,772	-90.0%	313,809	-24.4%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	October 20	12,953	51.6%	12,087	31.3%
Passenger, Diesel	Vehicle	October 20	7,497	-5.6%	7,685	-5.0%
Passenger, Gasoline	Vehicle	October 20	1,015,205	-2.4%	1,029,297	-0.5%
Passenger, Hybrid	Vehicle	October 20	23,257	-6.9%	23,681	-5.6%
Passenger, Misc Fuel	Vehicle	October 20	1,099	-17.6%	1,100	-15.0%
Freight, Electric	Vehicle	October 20	20	33.3%	18	19.1%
Freight, Diesel	Vehicle	October 20	24,034	-1.1%	24,120	-0.3%
Freight, Gasoline	Vehicle	October 20	49,836	0.0%	50,196	2.1%
Freight, Hybrid	Vehicle	October 20	67	-13.0%	69	-16.1%
Freight, Misc Fuel	Vehicle	October 20	92	-8.9%	95	-5.9%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 20	504,724	0.5%	504,086	0.5%
Residential	Consumers	June 20	440,295	0.6%	439,639	0.5%
Commercial	Consumers	June 20	59,825	-0.1%	59,842	0.1%
Street Lights	Consumers	June 20	4,604	0.3%	4,605	0.5%
Electric Meters						
All sectors	Meters	June 20	503,764	0.5%	503,140	0.5%
Residential	Meters	June 20	440,303	0.6%	439,646	0.5%
Commercial	Meters	June 20	59,526	-0.1%	59,558	0.1%
Street Lights	Meters	June 20	3,935	0.2%	3,936	0.3%
Electricity Sale (KWH sold)						
All Sectors	KWH	June 20	709,328,297	-9.7%	4,083,307,947	-3.9%
Residential	KWH	June 20	234,849,214	5.6%	1,250,133,736	6.6%
Commercial	KWH	June 20	474,461,491	-15.3%	2,820,369,653	-7.7%
Street Lights	KWH	June 20	17,592	-99.5%	12,804,558	-38.4%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 20	185,814,270	-19.2%	1,185,345,436	-6.1%
Residential	Dollars	June 20	69,136,934	-6.2%	402,817,922	1.1%
Commercial	Dollars	June 20	116,623,487	-24.9%	778,372,011	-9.2%
Street Lights	Dollars	June 20	53,849	-94.7%	4,155,503	-34.8%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 20	26.20	-10.5%	29.03	-2.2%
Residential	Cents/KWh	June 20	29.44	-11.1%	32.22	-5.2%
Commercial	Cents/KWh	June 20	24.58	-11.4%	27.60	-1.6%
Street Lights	Cents/KWh	June 20	306.10	901.7%	32.45	5.8%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 20	724,654,296	-11.4%	4,282,408,619	-3.6%
Electricity Generated at the Electric Utility Stations	KWH	June 20	407,043,485	-14.9%	2,458,397,581	-3.5%
- Generated by Steam	KWH	June 20	304,784,063	-11.3%	1,759,461,527	-2.5%
- Generated by Diesel	KWH	June 20	96,568,198	-25.7%	658,459,086	-6.5%
- Generated by Biodiesel	KWH	June 20	2,873,863	-20.6%	15,480,039	-50.5%
- Generated by Solar	KWH	June 20	2,684,496	N/A	18,388,908	N/A
- Generated by Hydro and Wind	KWH	June 20	132,865	-87.7%	6,608,021	-9.6%
Electricity Purchased from Independent Power Plant	KWH	June 20	341,981,990	-6.2%	1,966,046,589	-3.6%
Electricity Used by Electric Utility Stations	KWH	June 20	24,371,179	-1.7%	142,035,552	-0.2%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	508,076	-9.4%	2,927,325	-1.7%
Total Cost of Oil Consumed	Dollars	June 20	26,427,394	-43.6%	201,852,412	-14.6%
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	52.01	-37.7%	68.95	-13.1%
Month-end price per barrel	Dollars	June 20	44.15	-39.3%	58.50	-17.4%
Cost of Oil/KWH Generated	Dollar/KWh	June 20	0.091	-35.6%	0.122	-11.2%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	164,605	-28.0%	1,133,373	-6.2%
Total Cost of Oil Consumed	Dollars	June 20	9,035,787	-60.9%	91,796,719	-17.0%
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	54.89	-45.7%	80.99	-11.5%
Month-end price per barrel	Dollars	June 20	55.15	-47.6%	81.06	-17.9%
Cost of Oil/KWH Generated	Dollar/KWh	June 20	0.101	-44.9%	0.147	-10.7%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	4,461	-19.7%	24,155	-51.9%
Total Cost of Oil Consumed	Dollars	June 20	592,477	-45.5%	3,848,362	-59.6%
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	132.81	-32.1%	159.32	-16.0%
Month-end price per barrel	Dollars	June 20	145.90	-22.7%	150.06	-10.7%
Cost of Oil/KWH Generated	Dollar/KWh	June 20	0.220	-31.3%	0.268	-14.4%

Source:
 NYMEX WTI Prices, New York Mercantile Exchange
 Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration
 Foreign Imports, US Department of Energy, Energy Information Administration
 Gasoline and Diesel Prices, American Automobile Association
 Fuel Surcharges, Matson Navigation Company
 Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)
 Registered Vehicles, City and County Honolulu
 Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.

Monthly Energy Trend: Oahu Month of Oct - 2020						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
Gasoline - Regular	\$ per Gallon	October 20	3.075	-13.2%	3.170	-7.1%
Gasoline - Mid Grade	\$ per Gallon	October 20	3.332	-11.3%	3.419	-5.3%
Gasoline - Premium	\$ per Gallon	October 20	3.576	-9.7%	3.640	-4.0%
Diesel	\$ per Gallon	October 20	4.028	-4.3%	4.060	-3.2%
Foreign Imports						
Crude Oil	1000 Barrels	August 20	747	-56.5%	12,587	-21.1%
Distillate	1000 Barrels	August 20	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	August 20	642	-9.6%	6,622	-8.2%
Residual Fuel Oil	1000 Barrels	August 20	-	N/A	-	N/A
Propane	1000 Barrels	August 20	-	N/A	96	-36.8%
Fuel Ethanol	1000 Barrels	August 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	August 20	633	N/A	2,150	-17.1%
Liquid Fuel Tax Base						
Gasoline	Gallons	August 20	18,017,379	-57.4%	151,062,498	-20.1%
Diesel Oil (non-hwy)	Gallons	August 20	2,398,986	-62.1%	37,476,382	-37.0%
Diesel Oil (hwy use)	Gallons	August 20	1,668,080	-57.5%	14,752,316	-17.2%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	August 20	1,455	-41.4%	8,647	68.1%
Small Boat (gas)	Gallons	August 20	34,404	-26.0%	652,825	14.0%
Small Boat (diesel)	Gallons	August 20	382,683	56.1%	2,133,698	3.3%
Aviation Fuel	Gallons	August 20	3,918,851	-78.3%	43,687,472	-35.7%
Other Fuel	Gallons	August 20	130,989	-3.8%	1,048,005	1.9%
Agricultural Refund	Gallons	August 20	2,758	-88.5%	175,166	94.7%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	October 20	10,154	51.9%	9,483	30.1%
Passenger, Diesel	Vehicle	October 20	2,361	-10.8%	2,485	-8.9%
Passenger, Gasoline	Vehicle	October 20	602,446	-2.3%	609,083	-0.9%
Passenger, Hybrid	Vehicle	October 20	15,883	-6.7%	16,191	-5.2%
Passenger, Misc Fuel	Vehicle	October 20	571	-0.9%	567	5.1%
Freight, Electric	Vehicle	October 20	20	42.9%	18	25.7%
Freight, Diesel	Vehicle	October 20	11,141	-2.6%	11,272	-1.4%
Freight, Gasoline	Vehicle	October 20	34,166	-0.2%	34,414	1.7%
Freight, Hybrid	Vehicle	October 20	59	-13.2%	62	-16.7%
Freight, Misc Fuel	Vehicle	October 20	81	-9.0%	84	-4.9%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 20	306,502	0.2%	306,316	0.2%
Residential	Consumers	June 20	272,874	0.3%	272,633	0.2%
Commercial	Consumers	June 20	33,181	-0.6%	33,235	-0.2%
Street Lights	Consumers	June 20	447	0.4%	449	1.4%
Electric Meters						
All Sectors	Meters	June 20	306,143	0.2%	305,952	0.2%
Residential	Meters	June 20	272,881	0.3%	272,638	0.2%
Commercial	Meters	June 20	33,142	-0.6%	33,194	-0.2%
Street Lights	Meters	June 20	120	0.8%	121	2.1%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 20	525,921,977	-6.3%	2,939,698,646	-2.5%
Residential	KWH	June 20	159,306,022	13.0%	785,998,619	9.6%
Commercial	KWH	June 20	367,329,160	-12.1%	2,145,280,484	-6.0%
Street Lights	KWH	June 20	-713,205	-127.3%	8,419,543	-48.1%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 20	124,798,386	-18.7%	794,025,547	-6.3%
Residential	Dollars	June 20	43,323,829	-2.2%	239,565,230	2.6%
Commercial	Dollars	June 20	81,690,723	-24.8%	551,972,973	-9.4%
Street Lights	Dollars	June 20	-216,166	-129.4%	2,487,344	-46.2%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 20	23.73	-13.3%	27.01	-3.9%
Residential	Cents/KWh	June 20	27.20	-13.4%	30.48	-6.4%
Commercial	Cents/KWh	June 20	22.24	-14.5%	25.73	-3.6%
Street Lights	Cents/KWh	June 20	30.31	7.6%	29.54	3.7%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 20	531,246,122	-8.8%	3,076,801,371	-2.0%
Electricity Generated at the Electric Utility Stations	KWH	June 20	288,081,842	-13.2%	1,672,454,341	-2.3%
- Generated by Steam	KWH	June 20	274,460,732	-12.7%	1,580,242,544	-2.7%
- Generated by Diesel	KWH	June 20	8,062,751	-40.6%	58,342,850	5.6%
- Generated by Biodiesel	KWH	June 20	2,873,863	-20.6%	15,480,039	-50.5%
- Generated by Solar	KWH	June 20	2,684,496	N/A	18,388,908	N/A
- Generated by Hydro and Wind	KWH	June 20	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 20	262,098,375	-2.8%	1,511,875,617	-1.5%
Electricity Used by Electric Utility Stations	KWH	June 20	18,934,095	1.1%	107,528,588	1.5%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	443,916	-11.1%	2,544,441	-2.0%
Total Cost of Oil Consumed	Dollars	June 20	23,431,049	-44.9%	179,628,123	-14.7%
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	52.78	-38.0%	70.60	-13.0%
Month-end price per barrel	Dollars	June 20	39.74	-50.1%	63.10	-20.0%
Cost of Oil/KWH Generated	Dollar/KWh	June 20	0.090	-35.7%	0.122	-11.0%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	23,532	-40.9%	170,175	6.9%
Total Cost of Oil Consumed	Dollars	June 20	1,543,651	-59.3%	14,348,288	1.3%
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	65.60	-31.2%	84.31	-5.2%
Month-end price per barrel	Dollars	June 20	55.17	-42.5%	73.13	-19.8%
Cost of Oil/KWH Generated	Dollar/KWh	June 20	0.200	-31.0%	0.252	-6.8%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	4,461	-19.7%	24,155	-51.9%
Total Cost of Oil Consumed	Dollars	June 20	592,477	-45.5%	3,848,362	-59.6%
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	132.81	-32.1%	159.32	-16.0%
Month-end price per barrel	Dollars	June 20	145.90	-22.7%	150.06	-10.7%
Cost of Oil/KWH Generated	Dollar/KWh	June 20	0.220	-31.3%	0.268	-14.4%
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	October 20	0.10589	-18.2%	0.11852	-14.7%

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: Maui Month of Oct - 2020						
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	October 20	3.512	-8.6%	3.570	-5.0%
Gasoline - Mid Grade	\$ per Gallon	October 20	3.703	-8.5%	3.784	-4.2%
Gasoline - Premium	\$ per Gallon	October 20	3.858	-7.6%	3.910	-4.0%
Diesel	\$ per Gallon	October 20	3.971	-7.5%	4.035	-6.0%
Foreign Imports						
Crude Oil	1000 Barrels	August 20	-	N/A	-	N/A
Distillate	1000 Barrels	August 20	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	August 20	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	August 20	-	N/A	-	N/A
Propane	1000 Barrels	August 20	22	37.5%	127	-2.3%
Fuel Ethanol	1000 Barrels	August 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	August 20	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	August 20	3,741,541	-63.6%	33,137,108	-26.8%
Diesel Oil (non-hwy)	Gallons	August 20	2,892,652	-54.4%	28,698,413	64.6%
Diesel Oil (hwy use)	Gallons	August 20	415,398	-41.9%	3,299,096	-21.0%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	August 20	-	-100.0%	8	-98.5%
Small Boat (gas)	Gallons	August 20	3,706	-64.0%	41,342	-38.8%
Small Boat (diesel)	Gallons	August 20	-	N/A	-	N/A
Aviation Fuel	Gallons	August 20	581,493	-95.8%	24,662,849	-59.5%
Other Fuel	Gallons	August 20	21,817	-32.9%	179,875	-18.3%
Agricultural Refund	Gallons	August 20	-	N/A	45,246	367.9%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	October 20	1,543	40.7%	1,453	32.0%
Passenger, Diesel	Vehicle	October 20	1,376	-2.0%	1,382	-3.4%
Passenger, Gasoline	Vehicle	October 20	157,544	-3.7%	161,565	-0.2%
Passenger, Hybrid	Vehicle	October 20	3,402	-8.2%	3,451	-6.0%
Passenger, Misc Fuel	Vehicle	October 20	276	-4.5%	280	-2.4%
Freight, Electric	Vehicle	October 20	-	-100.0%	-	-100.0%
Freight, Diesel	Vehicle	October 20	3,650	-1.6%	3,662	-0.7%
Freight, Gasoline	Vehicle	October 20	6,624	3.0%	6,617	5.6%
Freight, Hybrid	Vehicle	October 20	3	-25.0%	3	-25.0%
Freight, Misc Fuel	Vehicle	October 20	6	0.0%	6	-14.7%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 20	67,943	1.2%	67,797	1.0%
Residential	Consumers	June 20	58,146	1.2%	58,000	1.0%
Commercial	Consumers	June 20	9,584	1.0%	9,585	1.3%
Street Lights	Consumers	June 20	213	0.9%	213	0.2%
Electric Meters						
All Sectors	Meters	June 20	67,724	1.2%	67,579	1.0%
Residential	Meters	June 20	58,147	1.2%	58,002	1.0%
Commercial	Meters	June 20	9,566	1.1%	9,567	1.3%
Street Lights	Meters	June 20	11	0.0%	11	-5.7%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 20	68,071,490	-26.8%	435,102,262	-11.5%
Residential	KWH	June 20	27,632,594	-12.7%	170,531,507	0.4%
Commercial	KWH	June 20	40,030,551	-34.3%	262,100,955	-17.9%
Street Lights	KWH	June 20	408,345	-1.7%	2,469,800	-4.6%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 20	23,384,713	-24.7%	148,249,252	-8.4%
Residential	Dollars	June 20	9,528,325	-14.1%	58,757,013	-1.1%
Commercial	Dollars	June 20	13,728,526	-30.8%	88,719,234	-12.7%
Street Lights	Dollars	June 20	127,862	-5.3%	773,005	-5.7%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 20	34.35	2.8%	34.07	3.5%
Residential	Cents/KWh	June 20	34.48	-1.7%	34.46	-1.5%
Commercial	Cents/KWh	June 20	34.30	5.3%	33.85	6.4%
Street Lights	Cents/KWh	June 20	31.31	-3.7%	31.30	-1.2%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 20	71,842,078	-25.1%	456,222,893	-11.5%
Electricity Generated at the Electric Utility Stations	KWH	June 20	49,087,605	-38.5%	346,741,654	-17.9%
- Generated by Steam	KWH	June 20	10,622,723	-4.2%	69,737,069	-10.0%
- Generated by Diesel	KWH	June 20	38,464,882	-44.0%	277,004,585	-19.7%
- Generated by Hydro and Wind	KWH	June 20	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 20	25,458,911	31.7%	126,841,105	14.0%
Electricity Used by Electric Utility Stations	KWH	June 20	2,704,438	-14.1%	17,359,866	-5.9%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	24,360	-0.9%	160,560	-6.9%
Total Cost of Oil Consumed	Dollars	June 20	1,135,226	-31.0%	9,194,607	-17.7%
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	46.60	-30.4%	57.27	-11.6%
Month-end price per barrel	Dollars	June 20	46.09	-30.3%	53.77	-15.7%
Cost of Oil/KWH Generated	Dollar/KWH	June 20	0.110	-26.7%	0.130	-8.2%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	59,517	-44.0%	432,505	-19.3%
Total Cost of Oil Consumed	Dollars	June 20	3,379,242	-69.3%	36,195,422	-27.7%
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	56.78	-45.1%	83.69	-10.4%
Month-end price per barrel	Dollars	June 20	55.52	-41.1%	77.29	-17.3%
Cost of Oil/KWH Generated	Dollar/KWh	June 20	0.090	-43.8%	0.130	-10.3%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 20	-	N/A	-	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	-	N/A	-	N/A
Month-end price per barrel	Dollars	June 20	-	N/A	-	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 20	-	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	October 20	0.13390	-21.7%	0.15647	668.9%

Source:
 NYMEX WTI Prices, New York Mercantile Exchange
 Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration
 Foreign Imports, US Department of Energy, Energy Information Administration
 Gasoline and Diesel Prices, American Automobile Association
 Fuel Surcharges, Matson Navigation Company
 Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)
 Registered Vehicles, City and County Honolulu
 Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.

Monthly Energy Trend: Lanai Month of Oct - 2020						
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 20	1,747	0.2%	1,744	-0.1%
Residential	Consumers	June 20	1,492	0.2%	1,489	-0.1%
Commercial	Consumers	June 20	251	0.0%	251	0.4%
Street Lights	Consumers	June 20	4	0.0%	4	0.0%
Electric Meters						
All Sectors	Meters	June 20	1,750	0.2%	1,747	-0.1%
Residential	Meters	June 20	1,492	0.2%	1,489	-0.1%
Commercial	Meters	June 20	257	0.0%	257	0.4%
Street Lights	Meters	June 20	1	0.0%	1	0.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 20	2,465,516	-9.2%	15,328,271	1.6%
Residential	KWH	June 20	701,952	13.3%	4,086,239	2.7%
Commercial	KWH	June 20	1,753,091	-15.9%	11,178,792	1.2%
Street Lights	KWH	June 20	10,473	0.2%	63,240	0.9%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 20	820,103	-32.1%	6,044,884	-3.7%
Residential	Dollars	June 20	227,997	-26.0%	1,574,877	-6.4%
Commercial	Dollars	June 20	588,781	-34.2%	4,445,902	-2.6%
Street Lights	Dollars	June 20	3,325	-24.3%	24,105	-4.8%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 20	33.26	-25.3%	39.44	-5.2%
Residential	Cents/KWh	June 20	32.48	-34.7%	38.54	-8.9%
Commercial	Cents/KWh	June 20	33.59	-21.8%	39.77	-3.8%
Street Lights	Cents/KWh	June 20	31.75	-24.5%	38.12	-5.6%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 20	2,560,122	-7.6%	16,074,229	4.4%
Electricity Generated at the Electric Utility Stations	KWH	June 20	2,541,140	-6.4%	15,946,600	6.0%
- Generated by Steam	KWH	June 20	-	N/A	-	N/A
- Generated by Diesel	KWH	June 20	2,541,140	-6.4%	15,946,600	6.0%
- Generated by Hydro and Wind	KWH	June 20	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 20	96,627	-10.3%	595,035	-24.5%
Electricity Used by Electric Utility Stations	KWH	June 20	77,645	45.7%	467,406	10.5%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 20	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 20	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 20	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	4,334	-14.7%	27,189	1.6%
Total Cost of Oil Consumed	Dollars	June 20	319,608	-51.4%	2,832,060	-9.6%
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	73.74	-43.0%	104.16	-11.0%
Month-end price per barrel	Dollars	June 20	79.32	-34.8%	98.83	-16.5%
Cost of Oil/KWH Generated	Dollar/KWh	June 20	0.130	-45.8%	0.177	-15.2%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 20	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 20	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 20	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	October 20	0.18076	-27.6%	0.19734	746.7%

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: Molokai Month of Oct - 2020						
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 20	3,249	-0.3%	3,248	0.0%
Residential	Consumers	June 20	2,705	-0.4%	2,705	-0.2%
Commercial	Consumers	June 20	535	0.2%	535	0.8%
Street Lights	Consumers	June 20	9	0.0%	9	0.0%
Electric Meters						
All Sectors	Meters	June 20	3,235	-0.3%	3,235	0.0%
Residential	Meters	June 20	2,705	-0.4%	2,705	-0.2%
Commercial	Meters	June 20	530	0.2%	530	0.8%
Street Lights	Meters	June 20	-	N/A	-	N/A
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 20	2,417,037	-4.3%	13,813,326	-0.4%
Residential	KWH	June 20	886,743	1.5%	5,376,356	8.5%
Commercial	KWH	June 20	1,482,583	-7.8%	8,158,014	-5.6%
Street Lights	KWH	June 20	47,711	6.9%	278,956	-0.5%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 20	764,816	-27.2%	5,302,920	-5.8%
Residential	Dollars	June 20	295,103	-21.4%	2,102,721	1.5%
Commercial	Dollars	June 20	455,444	-30.7%	3,097,639	-10.2%
Street Lights	Dollars	June 20	14,269	-20.7%	102,560	-5.0%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 20	31.64	-23.9%	38.39	-5.4%
Residential	Cents/KWh	June 20	33.28	-22.6%	39.11	-6.4%
Commercial	Cents/KWh	June 20	30.72	-24.9%	37.97	-4.9%
Street Lights	Cents/KWh	June 20	29.91	-25.9%	36.77	-4.5%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 20	2,638,629	-2.7%	15,129,453	-0.5%
Electricity Generated at the Electric Utility Stations	KWH	June 20	2,744,200	-2.9%	15,747,740	-0.6%
- Generated by Steam	KWH	June 20	-	N/A	-	N/A
- Generated by Diesel	KWH	June 20	2,744,200	-2.9%	15,747,740	-0.6%
- Generated by Hydro and Wind	KWH	June 20	-	N/A	-	N/A
Electricity Purchased from Independent Power Plant	KWH	June 20	469	-0.2%	2,748	-5.0%
Electricity Used by Electric Utility Stations	KWH	June 20	106,040	-5.8%	621,035	-4.2%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 20	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 20	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 20	0	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	4,671	-4.6%	26,393	-1.3%
Total Cost of Oil Consumed	Dollars	June 20	277,173	-46.6%	2,320,691	-14.4%
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	59.34	-44.0%	87.93	-13.2%
Month-end price per barrel	Dollars	June 20	48.03	-50.8%	84.30	-15.3%
Cost of Oil/KWH Generated	Dollar/KWh	June 20	0.100	-44.4%	0.148	-12.7%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 20	0	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	0	N/A	N/A	N/A
Month-end price per barrel	Dollars	June 20	0	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 20	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	October 20	0.10877	-43.0%	0.16009	551.9%

Source:
 NYMEX WTI Prices, New York Mercantile Exchange
 Europe Brent Spot Price FOB, US Department of Energy, Energy Information Administration
 Foreign Imports, US Department of Energy, Energy Information Administration
 Gasoline and Diesel Prices, American Automobile Association
 Fuel Surcharges, Matson Navigation Company
 Liquid Fuel Tax Base, Hawaii State Department of Taxation. (Note the Hawaii State Department of Taxation data is lagged one month)
 Registered Vehicles, City and County Honolulu
 Electric Utility Data, Hawaii Electric Company, Inc., Hawaii Electric Light Co., Inc., Maui Electric Company, Ltd., and Kauai Island Utility Cooperative, Monthly Financial Reports and compiled by Hawaii State Department of Business, Economic Development & Tourism, Research & Economic Analysis Division.

Monthly Energy Trend: Hawaii						
Month of Oct - 2020						
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	October 20	3.490	-7.8%	3.542	-2.6%
Gasoline - Mid Grade	\$ per Gallon	October 20	3.687	-7.1%	3.733	-1.9%
Gasoline - Premium	\$ per Gallon	October 20	3.952	-5.7%	4.003	-0.1%
Diesel	\$ per Gallon	October 20	4.120	-5.1%	4.141	-4.0%
Foreign Imports						
Crude Oil	1000 Barrels	August 20	-	N/A	-	N/A
Distillate	1000 Barrels	August 20	-	-100.0%	-	-100.0%
Jet Fuel, Kerosene	1000 Barrels	August 20	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	August 20	-	N/A	-	N/A
Propane	1000 Barrels	August 20	25	13.6%	163	-4.1%
Fuel Ethanol	1000 Barrels	August 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	August 20	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	August 20	5,431,360	-57.4%	45,678,833	-19.0%
Diesel Oil (non-hwy)	Gallons	August 20	3,019,673	-36.6%	22,563,611	97.0%
Diesel Oil (hwy use)	Gallons	August 20	976,661	-43.6%	7,218,871	-12.1%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	August 20	90	26.7%	1,549	350.3%
Small Boat (gas)	Gallons	August 20	22,306	-29.5%	191,245	-13.4%
Small Boat (diesel)	Gallons	August 20	-	N/A	-	N/A
Aviation Fuel	Gallons	August 20	884,676	-87.7%	15,731,939	-52.9%
Other Fuel	Gallons	August 20	1,206,849	-76.7%	8,723,228	-52.6%
Agricultural Refund	Gallons	August 20	-	N/A	70,968	-75.6%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	October 20	878	85.6%	792	54.6%
Passenger, Diesel	Vehicle	October 20	2,824	-3.0%	2,858	-2.1%
Passenger, Gasoline	Vehicle	October 20	179,766	-1.2%	181,575	0.7%
Passenger, Hybrid	Vehicle	October 20	2,949	-6.3%	2,987	-6.9%
Passenger, Misc Fuel	Vehicle	October 20	173	-54.9%	174	-54.8%
Freight, Electric	Vehicle	October 20	-	N/A	-	N/A
Freight, Diesel	Vehicle	October 20	6,930	0.7%	6,899	0.9%
Freight, Gasoline	Vehicle	October 20	7,071	-2.5%	7,222	0.8%
Freight, Hybrid	Vehicle	October 20	4	33.3%	3	33.3%
Freight, Misc Fuel	Vehicle	October 20	4	-20.0%	4	-16.0%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	June 20	87,007	0.9%	86,847	0.9%
Residential	Consumers	June 20	75,590	1.1%	75,427	1.1%
Commercial	Consumers	June 20	11,251	-0.1%	11,255	-0.3%
Street Lights	Consumers	June 20	166	1.2%	165	1.0%
Electric Meters						
All Sectors	Meters	June 20	86,636	0.9%	86,493	0.9%
Residential	Meters	June 20	75,590	1.1%	75,428	1.1%
Commercial	Meters	June 20	11,008	-0.1%	11,028	-0.2%
Street Lights	Meters	June 20	38	-5.0%	38	-5.0%
Electricity Sale (KWH Sold)						
All Sectors	KWH	June 20	76,267,730	-12.3%	476,215,556	-4.4%
Residential	KWH	June 20	31,470,794	-4.8%	199,145,511	3.1%
Commercial	KWH	June 20	44,596,895	-17.0%	275,882,388	-9.2%
Street Lights	KWH	June 20	200,041	8.0%	1,187,657	-3.9%
Net Revenue of Utility Companies						
All Sectors	Dollars	June 20	25,384,065	-13.9%	165,166,097	-1.5%
Residential	Dollars	June 20	10,948,074	-9.8%	72,010,734	-0.5%
Commercial	Dollars	June 20	14,365,906	-16.9%	92,721,326	-2.2%
Street Lights	Dollars	June 20	70,085	2.7%	434,037	-5.0%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	June 20	33.28	-1.9%	34.68	3.1%
Residential	Cents/KWh	June 20	34.79	-5.2%	36.16	-3.5%
Commercial	Cents/KWh	June 20	32.21	0.1%	33.61	7.7%
Street Lights	Cents/KWh	June 20	35.04	-4.9%	36.55	-1.2%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	June 20	81,535,905	-12.1%	507,123,045	-4.9%
Electricity Generated at the Electric Utility Stations	KWH	June 20	51,757,264	28.4%	318,502,870	16.2%
- Generated by Steam	KWH	June 20	19,700,608	8.9%	109,481,914	7.1%
- Generated by Diesel	KWH	June 20	31,964,256	49.0%	204,280,306	22.6%
- Generated by Hydro and Wind	KWH	June 20	92,400	-88.1%	4,740,650	-9.5%
Electricity Purchased from Independent Power Plant	KWH	June 20	32,212,312	-41.2%	203,407,459	-25.6%
Electricity Used by Electric Utility Stations	KWH	June 20	2,433,671	7.8%	14,787,284	2.8%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	39,800	7.7%	222,324	6.1%
Total Cost of Oil Consumed	Dollars	June 20	1,861,119	-30.9%	13,029,682	-11.0%
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	46.76	-35.8%	58.61	-16.2%
Month-end price per barrel	Dollars	June 20	46.61	-35.6%	58.63	-16.0%
Cost of Oil/KWH Generated	Dollar/KWh	June 20	0.090	-40.0%	0.120	-18.2%
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June 20	51,307	39.4%	323,952	17.6%
Total Cost of Oil Consumed	Dollars	June 20	2,590,123	-35.4%	25,656,682	-1.8%
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	50.48	-53.6%	79.20	-16.5%
Month-end price per barrel	Dollars	June 20	47.63	-55.6%	76.25	-18.5%
Cost of Oil/KWH Generated	Dollar/KWh	June 20	0.100	-56.5%	0.155	-21.2%
Biodiesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	June-20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	June 20	0	N/A	0	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	June 20	0.00	N/A	0.00	N/A
Month-end price per barrel	Dollars	June 20	0.00	N/A	0.00	N/A
Cost of Oil/KWH Generated	Dollar/KWh	June 20	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	October 20	0.14274	-2.8%	0.14376	-3.5%

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., 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 Oct - 2020						
Series	Unit	Month	Current Period		Year-to-Date	
			Number	% Change Year Ago	Number	% Change Year Ago
Gasoline and Diesel Prices						
Gasoline - Regular	\$ per Gallon	October-20	3.605	-6.9%	3.647	-2.5%
Gasoline - Mid Grade	\$ per Gallon	October-20	3.857	-5.5%	3.905	-1.1%
Gasoline - Premium	\$ per Gallon	October-20	3.942	-6.0%	3.956	-2.3%
Diesel	\$ per Gallon	October-20	4.268	-1.2%	4.250	-1.7%
Foreign Imports						
Crude Oil	1000 Barrels	August-20	-	N/A	-	N/A
Distillate	1000 Barrels	August-20	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	August-20	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	August-20	-	N/A	-	N/A
Propane	1000 Barrels	August-20	9	28.6%	103	-26.4%
Fuel Ethanol	1000 Barrels	August-20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	August-20	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	August 20	1,773,804	-54.1%	15,634,613	-24.9%
Diesel Oil (non-hwy)	Gallons	August 20	121,850	-90.1%	1,921,641	-58.5%
Diesel Oil (hwy use)	Gallons	August 20	234,652	-57.2%	1,890,312	-15.2%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	August 20	74	-84.0%	472	-62.0%
Small Boat (gas)	Gallons	August 20	-	N/A	-	N/A
Small Boat (diesel)	Gallons	August 20	-	N/A	-	N/A
Aviation Fuel	Gallons	August 20	157,625	-96.7%	8,012,526	-61.6%
Other Fuel	Gallons	August 20	844,104	-63.0%	6,846,108	-15.7%
Agricultural Refund	Gallons	August 20	14	-99.6%	22,429	-10.5%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	October-20	378	30.3%	359	18.5%
Passenger, Diesel	Vehicle	October-20	936	-4.4%	960	-5.0%
Passenger, Gasoline	Vehicle	October-20	75,449	-2.9%	77,073	-0.7%
Passenger, Hybrid	Vehicle	October-20	1,023	-6.7%	1,051	-5.2%
Passenger, Misc Fuel	Vehicle	October-20	79	-6.0%	80	-5.0%
Freight, Electric	Vehicle	October-20	-	N/A	-	N/A
Freight, Diesel	Vehicle	October-20	2,313	2.2%	2,287	1.9%
Freight, Gasoline	Vehicle	October-20	1,975	3.2%	1,942	3.0%
Freight, Hybrid	Vehicle	October-20	1	-50.0%	2	0.0%
Freight, Misc Fuel	Vehicle	October-20	1	0.0%	1	11.1%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	September-20	38,367	1.1%	38,204	0.9%
Residential	Consumers	September-20	29,658	1.4%	29,454	1.0%
Commercial	Consumers	September-20	4,944	-0.5%	4,984	0.4%
Street Lights	Consumers	September-20	3,765	0.2%	3,765	0.3%
Electric Meters						
All Sectors	Meters	September-20	38,367	1.1%	38,204	0.9%
Residential	Meters	September-20	29,658	1.4%	29,454	1.0%
Commercial	Meters	September-20	4,944	-0.5%	4,984	0.4%
Street Lights	Meters	September-20	3,765	0.2%	3,765	0.3%
Electricity Sale (KWH Sold)						
All Sectors	KWH	September-20	34,656,772	-21.6%	309,539,981	-10.1%
Residential	KWH	September-20	15,119,802	-10.7%	130,320,558	-3.2%
Commercial	KWH	September-20	19,472,781	-28.5%	178,641,445	-14.5%
Street Lights	KWH	September-20	64,189	0.1%	577,978	-3.3%
Net Revenue of Utility Companies						
All Sectors	Dollars	September-20	11,419,836	-21.0%	101,299,944	-12.5%
Residential	Dollars	September-20	5,087,689	-12.1%	44,019,166	-6.5%
Commercial	Dollars	September-20	6,276,670	-27.2%	56,780,964	-16.6%
Street Lights	Dollars	September-20	55,477	-0.4%	499,814	-2.6%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	September-20	32.95	0.8%	32.73	-2.7%
Residential	Cents/KWh	September-20	33.65	-1.6%	33.78	-3.4%
Commercial	Cents/KWh	September-20	32.23	1.9%	31.78	-2.5%
Street Lights	Cents/KWh	September-20	86.43	-0.5%	86.48	0.7%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	September-20	38,763,914	-9.8%	325,524,770	-9.5%
Electricity Generated at the Electric Utility Stations	KWH	September-20	14,654,915	-45.0%	130,571,455	-29.3%
- Generated by Steam	KWH	September-20	-	N/A	-	#DIV/0!
- Generated by Diesel	KWH	September-20	14,521,407	-45.1%	128,221,206	-29.5%
- Generated by Hydro and Wind	KWH	September-20	133,508	-34.9%	2,350,249	-18.9%
Electricity Purchased from Independent Power Plant	KWH	September-20	24,455,949	44.1%	196,766,396	9.8%
Electricity Used by Electric Utility Stations	KWH	September-20	346,950	-46.5%	1,813,081	-58.3%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September-20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	September-20	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	September-20	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	September-20	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWH	September-20	0.00	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	September-20	24,359	-45.5%	224,947	-28.4%
Total Cost of Oil Consumed	Dollars	September-20	1,691,501	-49.1%	14,673,892	-39.3%
Ave Cost/Bbl of Oil Consumed	Dollars	September-20	69.44	-6.6%	65.23	-15.3%
Month-end price per barrel	Dollars	September-20	71.32	-19.5%	74.26	-21.0%
Cost of Oil/KWH Generated	Dollar/KWH	September-20	0.116	-7.3%	0.112	-15.9%
Energy Cost Adjustment Factor						
Schedule D, G, J, L, P, SL	\$/KWH	October-20	-0.03491	65.1%	-0.03240	53.6%

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
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