



MONTHLY ENERGY TREND HIGHLIGHTS SEPTEMBER 2020

Crude Oil Prices:

In September 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 \$39.63 per barrel in September 2020 which was down \$17.25 (30.3%) per barrel from the same month last year. Compared to August 2020, it was a decrease of \$2.76 (6.5%) per barrel.

Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 1.7 million barrels of foreign crude oil in July 2020. This was an increase of 0.7 million barrels (65.7%) from the same month last year. Compared to June 2020, it was an increase of 1.0 million barrels (135.4%).

Gasoline Prices:

In September 2020, the regular gasoline price in Hawaii averaged \$3.241 per gallon, which was \$1.043 per gallon (47.4%) higher than the national average for the same month.

Hawaii's regular gasoline price in September 2020 was a decrease of 42.2 cents per gallon (11.5%) from the same month last year, but an increase of 0.6 cents per gallon (0.2%) from August 2020.

The national average price for regular gasoline in September 2020 was \$2.199 per gallon, a decrease of 41.0 cents per gallon (15.7%) from the same month last year, but an increase of 0.7 cents per gallon (0.3%) from August 2020.

The average prices of regular gasoline within the State in September 2020 were as follows: Kauai, \$3.594; Wailuku, \$3.486; Hilo, \$3.483; and Oahu, \$3.063.

Diesel Fuel Prices:

The national average price for diesel in September 2020 was \$2.410 per gallon which was a decrease of 55.1 cents (18.6%) from the same month a year ago, and a decrease of 1.7 cents (0.7%) from August 2020.

Hawaii's average price for diesel in September 2020 was \$4.032 per gallon which decreased 22.8 cents (5.3%) per gallon from the same month last year and remained relatively unchanged from August 2020. Hawaii's diesel price was \$1.622 per gallon (67.3%) higher than the national average.

In September 2020, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$4.263; Hilo, \$4.113; Oahu, \$4.017; and Wailuku, \$3.994.

Gasoline Consumption:

Hawaii's statewide consumption for gasoline in July 2020, as measured by the gasoline tax base, was 31.3 million gallons, which decreased 7.2 million gallons (18.8%) from the same month a year ago. Gasoline in July 2020 was mainly consumed in Honolulu (62.4%), followed by Hawaii County (18.2%), Maui County (12.9%), and Kauai County (6.5%).

Highway Diesel Fuel Consumption:

Hawaii's July 2020 consumption for highway use diesel was 3.4 million gallons, which decreased 0.3 million gallons (8.9%) from the same month last year. Highway use diesel in July 2020 was mainly consumed in Honolulu (50.2%), followed by Hawaii County (29.0%), Maui County (12.8%), and Kauai County (8.0%).

Aviation Fuel Consumption:

In July 2020, data from the Department of Taxation showed statewide aviation fuel consumption was 5.8 million gallons, which decreased 19.8 million gallons (77.4%) from the same month a year ago. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (76.8%), and Hawaii County (12.6%), Maui County (8.9%), Kauai County (1.7%).

Registered Taxable Vehicles:

As of September 2020, there were 1,064,036 registered passenger vehicles in the state, a decrease of 19,222 vehicles (1.8%) from the same month last year and a decrease of 2,467 vehicles (0.2%) from August 2020. The number of passenger gasoline vehicles was 1,019,316, which was 95.8% of total passenger vehicles. It represents a decrease of 19,597 vehicles (1.9%) from the same period last year, and a decrease of 2,658 vehicles (0.3%) from August 2020.

In September 2020, the number of passenger electric vehicles in the state was 12,716, an increase of 2,713 vehicles (27.1%) from the same month last year, and an increase of 299 vehicles (2.4%) from August 2020. The number of passenger hybrid vehicles in the state in this month was 23,358, accounting for 2.2% of the total passenger vehicles. It represents a decrease of 6.8% from the same month last year and a decrease of 0.3% from August 2020.

In September 2020, there were 50,019 registered freight gasoline vehicles, a 0.8% increase from the same period last year, but a 0.2% decrease from August 2020. The number of freight diesel vehicles in September 2020 was 24,029, a 0.9% decrease from the same period last year, but a 0.1% increase from August 2020.

Monthly Energy Trend: State Month of Sep - 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	September 20	39.63	-30.3%	38.38	-32.7%
Europe Brent Spot Price	\$ per Barrel	August 20	44.74	-24.2%	40.92	-37.0%
Gasoline and Diesel Prices						
Gasoline - Regular, National	\$ per Gallon	September 20	2.199	-15.7%	2.184	-16.4%
Gasoline -Mid Grade, National	\$ per Gallon	September 20	2.542	-13.5%	2.533	-13.6%
Gasoline -Premium, National	\$ per Gallon	September 20	2.810	-12.1%	2.797	-12.2%
Diesel, National	\$ per Gallon	September 20	2.410	-18.6%	2.583	-13.9%
Gasoline - Regular, State	\$ per Gallon	September 20	3.241	-11.5%	3.342	-5.2%
Gasoline -Mid Grade, State	\$ per Gallon	September 20	3.432	-10.5%	3.524	-4.4%
Gasoline -Premium, State	\$ per Gallon	September 20	3.649	-9.2%	3.722	-3.4%
Diesel, State	\$ per Gallon	September 20	4.032	-5.3%	4.084	-3.6%
Fuel Surcharges						
Matson Navigation Company	Percentage	September 20	30.00%	-6.3%	32.24%	-2.6%
Foreign Imports						
Crude Oil	1000 Barrels	July 20	1,657	65.7%	11,840	-16.8%
Distillate	1000 Barrels	July 20	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	July 20	921	-62.2%	5,980	-8.0%
Residual Fuel Oil	1000 Barrels	July 20	-	N/A	-	N/A
Propane	1000 Barrels	July 20	56	-13.8%	433	-20.8%
Fuel Ethanol	1000 Barrels	July 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	July 20	319	-48.3%	1,517	-41.5%
Liquid Fuel Tax Base						
Gasoline	Gallons	July 20	31,306,682	-18.8%	216,548,968	-10.7%
Diesel Oil (non-hwy)	Gallons	July 20	11,186,328	-14.3%	82,226,886	10.6%
Diesel Oil (hwy use)	Gallons	July 20	3,412,041	-8.9%	23,865,804	-6.5%
LPG (off hwy)	Gallons	July 20				
LPG (hwy use)	Gallons	July 20	2,192	127.2%	9,057	115.0%
Small Boat (gas)	Gallons	July 20	131,468	47.8%	824,996	6.8%
Small Boat (diesel)	Gallons	July 20	234,630	-31.4%	1,751,015	-3.8%
Aviation Fuel	Gallons	July 20	5,780,176	-77.4%	86,552,141	-37.8%
Other Fuel	Gallons	July 20	1,720,945	-54.6%	14,593,457	-27.6%
Agricultural Refund	Gallons	July 20	108,603	N/A	311,037	-19.8%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	September 20	12,716	27.1%	11,991	29.2%
Passenger, Diesel	Vehicle	September 20	7,544	-5.4%	7,706	-4.9%
Passenger, Gasoline	Vehicle	September 20	1,019,316	-1.9%	1,030,862	-0.3%
Passenger, Hybrid	Vehicle	September 20	23,358	-6.8%	23,728	-5.4%
Passenger, Misc Fuel	Vehicle	September 20	1,102	-16.5%	1,100	-14.7%
Freight, Electric	Vehicle	September 20	20	33.3%	18	17.5%
Freight, Diesel	Vehicle	September 20	24,029	-0.9%	24,129	-0.2%
Freight, Gasoline	Vehicle	September 20	50,019	0.8%	50,236	2.3%
Freight, Hybrid	Vehicle	September 20	68	-12.8%	70	-16.4%
Freight, Misc Fuel	Vehicle	September 20	92	-8.9%	96	-5.6%
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 Sep - 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	September 20	3.063	-13.4%	3.181	-6.4%
Gasoline - Mid Grade	\$ per Gallon	September 20	3.317	-11.4%	3.428	-4.6%
Gasoline - Premium	\$ per Gallon	September 20	3.555	-9.9%	3.647	-3.3%
Diesel	\$ per Gallon	September 20	4.017	-4.5%	4.064	-3.1%
Foreign Imports						
Crude Oil	1000 Barrels	July 20	1,657	65.7%	11,840	-16.8%
Distillate	1000 Barrels	July 20	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	July 20	921	-62.2%	5,980	-8.0%
Residual Fuel Oil	1000 Barrels	July 20	-	N/A	-	N/A
Propane	1000 Barrels	July 20	-	-100.0%	96	-36.8%
Fuel Ethanol	1000 Barrels	July 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	July 20	319	-48.3%	1,517	-41.5%
Liquid Fuel Tax Base						
Gasoline	Gallons	July 20	19,534,545	-22.1%	133,045,119	-9.3%
Diesel Oil (non-hwy)	Gallons	July 20	4,917,380	-13.3%	35,077,396	-34.0%
Diesel Oil (hwy use)	Gallons	July 20	1,714,478	-25.5%	13,084,236	-5.8%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	July 20	1,803	120.2%	7,192	170.4%
Small Boat (gas)	Gallons	July 20	104,116	113.8%	618,421	17.5%
Small Boat (diesel)	Gallons	July 20	234,630	-31.4%	1,751,015	-3.8%
Aviation Fuel	Gallons	July 20	4,437,794	-52.8%	39,768,621	-20.3%
Other Fuel	Gallons	July 20	138,331	5.2%	917,016	2.8%
Agricultural Refund	Gallons	July 20	57,906	N/A	172,408	160.9%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	September 20	9,960	24.7%	9,409	27.9%
Passenger, Diesel	Vehicle	September 20	2,398	-10.3%	2,499	-8.7%
Passenger, Gasoline	Vehicle	September 20	603,920	-2.0%	609,821	-0.8%
Passenger, Hybrid	Vehicle	September 20	15,925	-6.5%	16,226	-5.0%
Passenger, Misc Fuel	Vehicle	September 20	573	2.0%	566	5.8%
Freight, Electric	Vehicle	September 20	20	42.9%	18	23.8%
Freight, Diesel	Vehicle	September 20	11,159	-2.3%	11,286	-1.3%
Freight, Gasoline	Vehicle	September 20	34,243	0.4%	34,442	1.9%
Freight, Hybrid	Vehicle	September 20	60	-13.0%	62	-17.1%
Freight, Misc Fuel	Vehicle	September 20	81	-9.0%	85	-4.4%
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	September 20	0.10220	-22.8%	0.11992	-14.3%

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: Maui						
Month of Sep - 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	September 20	3.486	-9.3%	3.576	-4.6%
Gasoline - Mid Grade	\$ per Gallon	September 20	3.718	-8.1%	3.793	-3.7%
Gasoline - Premium	\$ per Gallon	September 20	3.853	-8.1%	3.916	-3.6%
Diesel	\$ per Gallon	September 20	3.994	-7.5%	4.042	-5.9%
Foreign Imports						
Crude Oil	1000 Barrels	July 20	-	N/A	-	N/A
Distillate	1000 Barrels	July 20	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	July 20	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	July 20	-	N/A	-	N/A
Propane	1000 Barrels	July 20	21	N/A	105	-7.9%
Fuel Ethanol	1000 Barrels	July 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	July 20	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	July 20	4,034,730	-21.7%	29,395,567	-16.0%
Diesel Oil (non-hwy)	Gallons	July 20	3,838,201	-20.1%	25,805,761	132.7%
Diesel Oil (hwy use)	Gallons	July 20	436,062	-13.6%	2,883,698	-16.7%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	July 20	-	N/A	8	-98.4%
Small Boat (gas)	Gallons	July 20	4,992	-42.6%	37,636	-34.3%
Small Boat (diesel)	Gallons	July 20	-	N/A	-	N/A
Aviation Fuel	Gallons	July 20	515,510	-94.1%	24,081,356	-48.7%
Other Fuel	Gallons	July 20	20,494	-53.0%	158,058	-15.7%
Agricultural Refund	Gallons	July 20	19,901	N/A	45,246	367.9%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	September 20	1,521	33.9%	1,442	31.0%
Passenger, Diesel	Vehicle	September 20	1,371	-2.4%	1,383	-3.6%
Passenger, Gasoline	Vehicle	September 20	159,048	-2.5%	162,011	0.2%
Passenger, Hybrid	Vehicle	September 20	3,443	-7.8%	3,457	-5.8%
Passenger, Misc Fuel	Vehicle	September 20	278	-3.8%	280	-2.2%
Freight, Electric	Vehicle	September 20	-	-100.0%	-	-100.0%
Freight, Diesel	Vehicle	September 20	3,648	-1.6%	3,663	-0.6%
Freight, Gasoline	Vehicle	September 20	6,645	4.5%	6,616	5.9%
Freight, Hybrid	Vehicle	September 20	3	-25.0%	3	-25.0%
Freight, Misc Fuel	Vehicle	September 20	6	0.0%	6	-16.1%
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	September 20	0.13659	-24.4%	0.15898	4301.2%

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

Monthly Energy Trend: Lanai						
Month of Sep - 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	September 20	0.18135	-25.3%	0.19918	-10957.8%

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 Sep - 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	September 20	0.14463	-25.3%	0.16579	2619.3%

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)
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 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 Sep - 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	September 20	3.483	-7.7%	3.547	-1.9%
Gasoline - Mid Grade	\$ per Gallon	September 20	3.678	-7.2%	3.739	-1.3%
Gasoline - Premium	\$ per Gallon	September 20	3.952	-5.8%	4.008	0.5%
Diesel	\$ per Gallon	September 20	4.113	-5.3%	4.144	-3.9%
Foreign Imports						
Crude Oil	1000 Barrels	July 20	-	N/A	-	N/A
Distillate	1000 Barrels	July 20	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	July 20	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	July 20	-	N/A	-	N/A
Propane	1000 Barrels	July 20	15	-16.7%	138	-6.8%
Fuel Ethanol	1000 Barrels	July 20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	July 20	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	July 20	5,690,290	1.4%	40,247,473	-7.8%
Diesel Oil (non-hwy)	Gallons	July 20	2,250,688	35.7%	19,543,938	192.1%
Diesel Oil (hwy use)	Gallons	July 20	989,815	48.9%	6,242,210	-3.7%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	July 20	389	508.1%	1,459	434.4%
Small Boat (gas)	Gallons	July 20	22,360	-29.1%	168,939	-10.7%
Small Boat (diesel)	Gallons	July 20	-	N/A	-	N/A
Aviation Fuel	Gallons	July 20	729,683	-83.2%	14,847,263	-43.3%
Other Fuel	Gallons	July 20	644,769	-74.3%	7,516,379	-43.2%
Agricultural Refund	Gallons	July 20	27,832	N/A	70,968	-75.6%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	September 20	862	53.4%	783	51.5%
Passenger, Diesel	Vehicle	September 20	2,833	-2.7%	2,862	-2.0%
Passenger, Gasoline	Vehicle	September 20	180,313	-0.7%	181,776	0.9%
Passenger, Hybrid	Vehicle	September 20	2,957	-6.7%	2,991	-7.0%
Passenger, Misc Fuel	Vehicle	September 20	171	-55.5%	174	-54.8%
Freight, Electric	Vehicle	September 20	-	N/A	-	N/A
Freight, Diesel	Vehicle	September 20	6,918	0.8%	6,896	1.0%
Freight, Gasoline	Vehicle	September 20	7,158	-1.2%	7,239	1.2%
Freight, Hybrid	Vehicle	September 20	4	33.3%	3	33.3%
Freight, Misc Fuel	Vehicle	September 20	4	-20.0%	4	-15.6%
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	September 20	0.14569	-1.9%	0.14388	-3.6%

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., 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 Sep - 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	September-20	3.594	-6.5%	3.652	-2.0%
Gasoline - Mid Grade	\$ per Gallon	September-20	3.843	-4.8%	3.911	-0.6%
Gasoline - Premium	\$ per Gallon	September-20	3.906	-6.7%	3.958	-1.8%
Diesel	\$ per Gallon	September-20	4.263	-1.2%	4.248	-1.8%
Foreign Imports						
Crude Oil	1000 Barrels	July-20	-	N/A	-	N/A
Distillate	1000 Barrels	July-20	-	N/A	-	N/A
Jet Fuel, Kerosene	1000 Barrels	July-20	-	N/A	-	N/A
Residual Fuel Oil	1000 Barrels	July-20	-	N/A	-	N/A
Propane	1000 Barrels	July-20	20	150.0%	94	-29.3%
Fuel Ethanol	1000 Barrels	July-20	-	N/A	-	N/A
Other Refined Petroleum Products	1000 Barrels	July-20	-	N/A	-	N/A
Liquid Fuel Tax Base						
Gasoline	Gallons	July 20	2,047,117	-24.4%	13,860,809	-18.2%
Diesel Oil (non-hwy)	Gallons	July 20	180,059	-80.4%	1,799,791	-47.0%
Diesel Oil (hwy use)	Gallons	July 20	271,686	-1.2%	1,655,660	-1.5%
LPG (off hwy)	Gallons					
LPG (hwy use)	Gallons	July 20	-	-100.0%	398	-49.1%
Small Boat (gas)	Gallons	July 20	-	N/A	-	N/A
Small Boat (diesel)	Gallons	July 20	-	N/A	-	N/A
Aviation Fuel	Gallons	July 20	97,189	-96.8%	7,854,901	-51.4%
Other Fuel	Gallons	July 20	917,351	-16.8%	6,002,004	2.8%
Agricultural Refund	Gallons	July 20	2,964	N/A	22,415	5.3%
Registered Vehicles, Taxable						
Passenger, Electric	Vehicle	September-20	373	18.0%	357	17.2%
Passenger, Diesel	Vehicle	September-20	942	-4.6%	963	-5.1%
Passenger, Gasoline	Vehicle	September-20	76,035	-2.2%	77,254	-0.5%
Passenger, Hybrid	Vehicle	September-20	1,033	-6.6%	1,054	-5.1%
Passenger, Misc Fuel	Vehicle	September-20	80	-4.8%	80	-4.9%
Freight, Electric	Vehicle	September-20	-	N/A	-	N/A
Freight, Diesel	Vehicle	September-20	2,304	2.6%	2,284	1.8%
Freight, Gasoline	Vehicle	September-20	1,973	3.0%	1,939	2.9%
Freight, Hybrid	Vehicle	September-20	1	-50.0%	2	0.0%
Freight, Misc Fuel	Vehicle	September-20	1	0.0%	1	12.5%
Electricity Production and Sale by Utility Companies						
Electricity Consumers						
All Sectors	Consumers	August-20	38,346	1.0%	38,183	0.8%
Residential	Consumers	August-20	29,611	1.3%	29,429	1.0%
Commercial	Consumers	August-20	4,970	-0.4%	4,990	0.6%
Street Lights	Consumers	August-20	3,765	0.2%	3,765	0.3%
Electric Meters						
All Sectors	Meters	August-20	38,346	1.0%	38,183	0.8%
Residential	Meters	August-20	29,611	1.3%	29,429	1.0%
Commercial	Meters	August-20	4,970	-0.4%	4,990	0.6%
Street Lights	Meters	August-20	3,765	0.2%	3,765	0.3%
Electricity Sale (KWH Sold)						
All Sectors	KWH	August-20	36,843,592	-13.2%	274,883,209	-8.3%
Residential	KWH	August-20	15,873,611	-7.7%	115,200,756	-2.2%
Commercial	KWH	August-20	20,905,792	-17.0%	159,168,664	-12.4%
Street Lights	KWH	August-20	64,189	0.1%	513,789	-3.7%
Net Revenue of Utility Companies						
All Sectors	Dollars	August-20	12,014,501	-14.9%	89,880,108	-11.2%
Residential	Dollars	August-20	5,304,656	-10.5%	38,931,477	-5.8%
Commercial	Dollars	August-20	6,654,850	-18.2%	50,504,294	-15.1%
Street Lights	Dollars	August-20	54,995	-2.2%	444,337	-2.9%
Electricity Retail Prices (Net Revenue per KWH Sold)						
All Sectors	Cents/KWh	August-20	32.61	-2.0%	32.70	-3.1%
Residential	Cents/KWh	August-20	33.42	-3.1%	33.79	-3.7%
Commercial	Cents/KWh	August-20	31.83	-1.5%	31.73	-3.1%
Street Lights	Cents/KWh	August-20	85.68	-2.3%	86.48	0.9%
Electricity Production						
Electricity Sent to System by Electric Utility Companies	KWH	August-20	36,532,231	-20.6%	286,760,856	-9.4%
Electricity Generated at the Electric Utility Stations	KWH	August-20	13,425,006	-49.6%	115,916,540	-26.7%
- Generated by Steam	KWH	August-20	-	N/A	-	#DIV/0!
- Generated by Diesel	KWH	August-20	13,212,598	-49.9%	113,699,799	-26.8%
- Generated by Hydro and Wind	KWH	August-20	212,408	-25.9%	2,216,741	-17.7%
Electricity Purchased from Independent Power Plant	KWH	August-20	23,200,904	15.6%	172,310,447	6.2%
Electricity Used by Electric Utility Stations	KWH	August-20	93,679	-86.1%	1,466,131	-60.4%
Fuel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	August-20	-	N/A	-	N/A
Total Cost of Oil Consumed	Dollars	August-20	0.00	N/A	N/A	N/A
Ave Cost/Bbl of Oil Consumed	Dollars	August-20	0.00	N/A	N/A	N/A
Month-end price per barrel	Dollars	August-20	0.00	N/A	N/A	N/A
Cost of Oil/KWH Generated	Dollar/KWh	August-20	0.00	N/A	N/A	N/A
Diesel Oil Used by Utility Companies						
Barrels of Oil Consumed	Barrels	August-20	23,324	-47.5%	200,588	-25.5%
Total Cost of Oil Consumed	Dollars	August-20	1,284,258	-62.4%	12,982,391	-37.8%
Ave Cost/Bbl of Oil Consumed	Dollars	August-20	55.06	-28.3%	64.72	-16.5%
Month-end price per barrel	Dollars	August-20	69.51	-27.6%	74.63	-21.1%
Cost of Oil/KWH Generated	Dollar/KWh	August-20	0.097	-25.0%	0.111	-16.9%
Energy Cost Adjustment Factor						
Schedule D, G, J, L, P, SL	\$/KWH	September-20	-0.03350	48.9%	-0.03212	52.3%

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
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