



# MONTHLY ENERGY TREND HIGHLIGHTS

## AUGUST 2020

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### Crude Oil Prices:

In August 2020, the crude oil price decreased from the same month last year but increased from the previous month. The crude oil price at the New York Mercantile Exchange averaged \$42.39 per barrel in August 2020 which was down \$12.46 (22.7%) per barrel from the same month last year. Compared to July 2020, it was an increase of \$1.59 (3.9%) per barrel.

### Refinery Processing:

According to the most recent data available, Hawaii's refineries imported 0.7 million barrels of foreign crude oil in June 2020. This was a decrease of 2.0 million barrels (73.7%) from the same month last year. Compared to May 2020, it was a decrease of 0.3 million barrels (30.6%).

### Gasoline Prices:

In August 2020, the regular gasoline price in Hawaii averaged \$3.235 per gallon, which was \$1.043 per gallon (47.6%) higher than the national average for the same month.

Hawaii's regular gasoline price in August 2020 was a decrease of 42.1 cents per gallon (11.5%) from the same month last year, but an increase of 0.3 cents per gallon (0.1%) from July 2020.

The national average price for regular gasoline in August 2020 was \$2.192 per gallon, a decrease of 44.3 cents per gallon (16.8%) from the same month last year, but an increase of 0.3 cents per gallon (0.1%) from July 2020.

The average prices of regular gasoline within the State in August 2020 were as follows: Kauai, \$3.595; Wailuku, \$3.486; Hilo, \$3.477; and Oahu, \$3.057.

### Diesel Fuel Prices:

The national average price for diesel in August 2020 was \$2.426 per gallon which was a decrease of 52.9 cents (17.9%) from the same month a year ago, and a decrease of 1.0 cents (0.4%) from July 2020.

Hawaii's average price for diesel in August 2020 was \$4.033 per gallon which decreased 22.6 cents (5.3%) per gallon from the same month last year but increased 0.5 cents per gallon (0.1%) from July 2020. Hawaii's diesel price was \$1.607 per gallon (66.2%) higher than the national average.

In August 2020, the average prices per gallon for diesel among Hawaii's market were as follows: Kauai, \$4.247; Hilo, \$4.078; Oahu, \$4.022; and Wailuku, \$4.005.

*Due to the computer system change started for the July 2019 reporting period by the Hawaii State Department of Taxation (DoTax), the comparison (% change) between June 2019 and June 2020 is not valid. Since tax filing is one month after the activity, the consumptions in June were reported on the July DoTax report.*

### **Gasoline Consumption:**

Hawaii's statewide consumption for gasoline in June 2020, as measured by the gasoline tax base, was 29.3 million gallons. Gasoline in June 2020 was mainly consumed in Honolulu (62.7%), followed by Hawaii County (18.1%), Maui County (12.8%), and Kauai County (6.3%).

### **Highway Diesel Fuel Consumption:**

Hawaii's June 2020 consumption for highway use diesel was 2.9 million gallons. Highway use diesel in June 2020 was mainly consumed in Honolulu (48.2%), followed by Hawaii County (29.8%), Maui County (12.8%), and Kauai County (9.2%).

### **Aviation Fuel Consumption:**

In June 2020, data from the Department of Taxation showed statewide aviation fuel consumption was 4.6 million gallons. The aviation fuel was shipped to the various counties as follows: City and County of Honolulu (68.9%), Hawaii County (21.2%), Maui County (8.2%), and Kauai County (1.8%).

### **Registered Taxable Vehicles:**

As of August 2020, there were 1,066,503 registered passenger vehicles in the state, a decrease of 15,557 vehicles (1.4%) from the same month last year but an increase of 168 vehicles (0.02%) from July 2020. The number of passenger gasoline vehicles was 1,021,974, which was 95.8% of total passenger vehicles. It represents a decrease of 15,813 vehicles (1.5%) from the same period last year, but an increase of 97 vehicles (0.01%) from July 2020.

In August 2020, the number of passenger electric vehicles in the state was 12,417, an increase of 2,512 vehicles (25.4%) from the same month last year, and an increase of 115 vehicles (0.9%) from July 2020. The number of passenger hybrid vehicles in the state in this month was 23,425, accounting for 2.2% of the total passenger vehicles. It represents a decrease of 6.5% from the same month last year and a decrease of 0.2% from July 2020.

In August 2020, there were 50,117 registered freight gasoline vehicles, a 1.5% increase from the same period last year, but a 0.1% decrease from July 2020. The number of freight diesel vehicles in August 2020 was 24,007, a 0.9% decrease from the same period last year, but a 0.01% increase from July 2020.

| Monthly Energy Trend: State                                 |               |           |                |                   |               |                   |
|-------------------------------------------------------------|---------------|-----------|----------------|-------------------|---------------|-------------------|
| Month of Aug - 2020                                         |               |           |                |                   |               |                   |
| Series                                                      | Unit          | Month     | Current Period |                   | Year-to-Date  |                   |
|                                                             |               |           | Number         | % Change Year Ago | Number        | % Change Year Ago |
| <b>Crude Oil Price</b>                                      |               |           |                |                   |               |                   |
| NYMEX WTI Future Price                                      | \$ per Barrel | August 20 | 42.39          | -22.7%            | 38.22         | -33.0%            |
| Europe Brent Spot Price                                     | \$ per Barrel | July 20   | 43.24          | -32.4%            | 40.37         | -38.6%            |
| <b>Gasoline and Diesel Prices</b>                           |               |           |                |                   |               |                   |
| Gasoline - Regular, National                                | \$ per Gallon | August 20 | 2.192          | -16.8%            | 2.182         | -16.5%            |
| Gasoline -Mid Grade, National                               | \$ per Gallon | August 20 | 2.536          | -14.5%            | 2.531         | -13.6%            |
| Gasoline -Premium, National                                 | \$ per Gallon | August 20 | 2.802          | -13.1%            | 2.796         | -12.2%            |
| Diesel, National                                            | \$ per Gallon | August 20 | 2.426          | -17.9%            | 2.605         | -13.3%            |
| Gasoline - Regular, State                                   | \$ per Gallon | August 20 | 3.235          | -11.5%            | 3.355         | -4.4%             |
| Gasoline -Mid Grade, State                                  | \$ per Gallon | August 20 | 3.429          | -10.4%            | 3.535         | -3.6%             |
| Gasoline -Premium, State                                    | \$ per Gallon | August 20 | 3.639          | -9.1%             | 3.731         | -2.6%             |
| Diesel, State                                               | \$ per Gallon | August 20 | 4.033          | -5.3%             | 4.090         | -3.4%             |
| <b>Fuel Surcharges</b>                                      |               |           |                |                   |               |                   |
| Matson Navigation Company                                   | Percentage    | August 20 | 30.00%         | -6.3%             | 32.52%        | -2.1%             |
| <b>Foreign Imports</b>                                      |               |           |                |                   |               |                   |
| Crude Oil                                                   | 1000 Barrels  | June 20   | 704            | -73.7%            | 10,183        | -23.0%            |
| Distillate                                                  | 1000 Barrels  | June 20   | -              | N/A               | -             | N/A               |
| Jet Fuel, Kerosene                                          | 1000 Barrels  | June 20   | 150            | -79.8%            | 5,059         | 24.4%             |
| Residual Fuel Oil                                           | 1000 Barrels  | June 20   | -              | N/A               | -             | N/A               |
| Propane                                                     | 1000 Barrels  | June 20   | 47             | -14.5%            | 377           | -21.8%            |
| Fuel Ethanol                                                | 1000 Barrels  | June 20   | -              | N/A               | -             | N/A               |
| Other Refined Petroleum Products                            | 1000 Barrels  | June 20   | -              | -100.0%           | 1,198         | -39.4%            |
| <b>Liquid Fuel Tax Base</b>                                 |               |           |                |                   |               |                   |
| Gasoline                                                    | Gallons       | June 20   | 29,287,720     |                   | 185,242,286   |                   |
| Diesel Oil (non-hwy)                                        | Gallons       | June 20   | 9,859,029      |                   | 71,040,558    |                   |
| Diesel Oil (hwy use)                                        | Gallons       | June 20   | 2,861,288      |                   | 20,453,763    |                   |
| LPG (off hwy)                                               | Gallons       | June 20   | -              |                   | -             |                   |
| LPG (hwy use)                                               | Gallons       | June 20   | 1,112          |                   | 6,865         |                   |
| Small Boat (gas)                                            | Gallons       | June 20   | 115,472        |                   | 693,528       |                   |
| Small Boat (diesel)                                         | Gallons       | June 20   | 329,732        |                   | 1,516,385     |                   |
| Aviation Fuel                                               | Gallons       | June 20   | 4,556,231      |                   | 80,771,965    |                   |
| Other Fuel                                                  | Gallons       | June 20   | 1,472,492      |                   | 12,872,512    |                   |
| Agricultural Refund                                         | Gallons       | June 20   | 21,080         |                   | 202,434       |                   |
| <b>Registered Vehicles, Taxable</b>                         |               |           |                |                   |               |                   |
| Passenger, Electric                                         | Vehicle       | August 20 | 12,417         | 25.4%             | 11,900        | 29.5%             |
| Passenger, Diesel                                           | Vehicle       | August 20 | 7,590          | -5.2%             | 7,727         | -4.9%             |
| Passenger, Gasoline                                         | Vehicle       | August 20 | 1,021,974      | -1.5%             | 1,032,306     | -0.1%             |
| Passenger, Hybrid                                           | Vehicle       | August 20 | 23,425         | -6.5%             | 23,774        | -5.2%             |
| Passenger, Misc Fuel                                        | Vehicle       | August 20 | 1,097          | -15.7%            | 1,100         | -14.5%            |
| Freight, Electric                                           | Vehicle       | August 20 | 20             | 33.3%             | 18            | 15.6%             |
| Freight, Diesel                                             | Vehicle       | August 20 | 24,007         | -0.9%             | 24,142        | -0.2%             |
| Freight, Gasoline                                           | Vehicle       | August 20 | 50,117         | 1.5%              | 50,263        | 2.5%              |
| Freight, Hybrid                                             | Vehicle       | August 20 | 67             | -17.3%            | 70            | -16.8%            |
| Freight, Misc Fuel                                          | Vehicle       | August 20 | 93             | -7.9%             | 96            | -5.2%             |
| <b>Electricity Production and Sale by Utility Companies</b> |               |           |                |                   |               |                   |
| <b>Electricity Consumers</b>                                |               |           |                |                   |               |                   |
| 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%              |
| <b>Electric Meters</b>                                      |               |           |                |                   |               |                   |
| 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%              |
| <b>Electricity Sale (KWH sold)</b>                          |               |           |                |                   |               |                   |
| 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%            |
| <b>Net Revenue of Utility Companies</b>                     |               |           |                |                   |               |                   |
| 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%            |
| <b>Electricity Retail Prices (Net Revenue per KWH Sold)</b> |               |           |                |                   |               |                   |
| 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%              |
| <b>Electricity Production</b>                               |               |           |                |                   |               |                   |
| 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%             |
| <b>Fuel Oil Used by Utility Companies</b>                   |               |           |                |                   |               |                   |
| 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%            |
| <b>Diesel Oil Used by Utility Companies</b>                 |               |           |                |                   |               |                   |
| 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%            |
| <b>Biodiesel Oil Used by Utility Companies</b>              |               |           |                |                   |               |                   |
| 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., 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 Aug - 2020                                                         |               |           |                |                   |               |                   |
| Series                                                                      | Unit          | Month     | Current Period |                   | Year-to-Date  |                   |
|                                                                             |               |           | Number         | % Change Year Ago | Number        | % Change Year Ago |
| <b>Gasoline and Diesel Prices</b>                                           |               |           |                |                   |               |                   |
| Gasoline - Regular                                                          | \$ per Gallon | August 20 | 3.057          | -13.4%            | 3.195         | -5.4%             |
| Gasoline - Mid Grade                                                        | \$ per Gallon | August 20 | 3.318          | -11.3%            | 3.442         | -3.7%             |
| Gasoline - Premium                                                          | \$ per Gallon | August 20 | 3.553          | -9.7%             | 3.658         | -2.4%             |
| Diesel                                                                      | \$ per Gallon | August 20 | 4.022          | -4.5%             | 4.070         | -2.9%             |
| <b>Foreign Imports</b>                                                      |               |           |                |                   |               |                   |
| Crude Oil                                                                   | 1000 Barrels  | June 20   | 704            | -73.7%            | 10,183        | -23.0%            |
| Distillate                                                                  | 1000 Barrels  | June 20   | -              | N/A               | -             | N/A               |
| Jet Fuel, Kerosene                                                          | 1000 Barrels  | June 20   | 150            | -79.8%            | 5,059         | 24.4%             |
| Residual Fuel Oil                                                           | 1000 Barrels  | June 20   | -              | N/A               | -             | N/A               |
| Propane                                                                     | 1000 Barrels  | June 20   | -              | N/A               | 96            | -15.0%            |
| Fuel Ethanol                                                                | 1000 Barrels  | June 20   | -              | N/A               | -             | N/A               |
| Other Refined Petroleum Products                                            | 1000 Barrels  | June 20   | -              | -100.0%           | 1,198         | -39.4%            |
| <b>Liquid Fuel Tax Base</b>                                                 |               |           |                |                   |               |                   |
| Gasoline                                                                    | Gallons       | June 20   | 18,366,409     |                   | 113,510,574   |                   |
| Diesel Oil (non-hwy)                                                        | Gallons       | June 20   | 4,444,167      |                   | 30,160,016    |                   |
| Diesel Oil (hwy use)                                                        | Gallons       | June 20   | 1,380,411      |                   | 11,369,758    |                   |
| LPG (off hwy)                                                               | Gallons       | June 20   | 876            |                   | 5,389         |                   |
| LPG (hwy use)                                                               | Gallons       | June 20   | 90,096         |                   | 514,305       |                   |
| Small Boat (gas)                                                            | Gallons       | June 20   | 329,732        |                   | 1,516,385     |                   |
| Small Boat (diesel)                                                         | Gallons       | June 20   | 3,139,903      |                   | 35,330,827    |                   |
| Aviation Fuel                                                               | Gallons       | June 20   | 134,080        |                   | 778,685       |                   |
| Other Fuel                                                                  | Gallons       | June 20   | 21,080         |                   | 114,502       |                   |
| <b>Registered Vehicles, Taxable</b>                                         |               |           |                |                   |               |                   |
| Passenger, Electric                                                         | Vehicle       | August 20 | 9,724          | 23.3%             | 9,340         | 28.3%             |
| Passenger, Diesel                                                           | Vehicle       | August 20 | 2,440          | -9.1%             | 2,511         | -8.5%             |
| Passenger, Gasoline                                                         | Vehicle       | August 20 | 604,031        | -1.8%             | 610,558       | -0.6%             |
| Passenger, Hybrid                                                           | Vehicle       | August 20 | 15,946         | -6.4%             | 16,263        | -4.9%             |
| Passenger, Misc Fuel                                                        | Vehicle       | August 20 | 567            | 4.2%              | 565           | 6.3%              |
| Freight, Electric                                                           | Vehicle       | August 20 | 20             | 42.9%             | 18            | 21.6%             |
| Freight, Diesel                                                             | Vehicle       | August 20 | 11,173         | -2.1%             | 11,302        | -1.1%             |
| Freight, Gasoline                                                           | Vehicle       | August 20 | 34,309         | 1.0%              | 34,467        | 2.1%              |
| Freight, Hybrid                                                             | Vehicle       | August 20 | 60             | -16.7%            | 62            | -17.5%            |
| Freight, Misc Fuel                                                          | Vehicle       | August 20 | 82             | -6.8%             | 85            | -3.8%             |
| <b>Electricity Production and Sale by Utility Companies</b>                 |               |           |                |                   |               |                   |
| <b>Electricity Consumers</b>                                                |               |           |                |                   |               |                   |
| 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%              |
| <b>Electric Meters</b>                                                      |               |           |                |                   |               |                   |
| 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%              |
| <b>Electricity Sale (KWH Sold)</b>                                          |               |           |                |                   |               |                   |
| 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%            |
| <b>Net Revenue of Utility Companies</b>                                     |               |           |                |                   |               |                   |
| 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%            |
| <b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>                 |               |           |                |                   |               |                   |
| 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%              |
| <b>Electricity Production</b>                                               |               |           |                |                   |               |                   |
| 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%              |
| <b>Fuel Oil Used by Utility Companies</b>                                   |               |           |                |                   |               |                   |
| 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%            |
| <b>Diesel Oil Used by Utility Companies</b>                                 |               |           |                |                   |               |                   |
| 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%             |
| <b>Biodiesel Oil Used by Utility Companies</b>                              |               |           |                |                   |               |                   |
| 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%            |
| <b>Energy Cost Adjustment Factor</b>                                        |               |           |                |                   |               |                   |
| Schedules R, G, J, DS, P, F, U, TOU-R, TOU-G, TOU-J, SS, TOU-EV, EV-R, EV-C | \$/KWH        | August 20 | 0.09274        | -35.1%            | 0.12214       | -13.3%            |

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 Aug - 2020                                                           |               |           |                |                   |              |                   |
| Series                                                                        | Unit          | Month     | Current Period |                   | Year-to-Date |                   |
|                                                                               |               |           | Number         | % Change Year Ago | Number       | % Change Year Ago |
| <b>Gasoline and Diesel Prices (Wailuku Only)</b>                              |               |           |                |                   |              |                   |
| Gasoline - Regular                                                            | \$ per Gallon | August 20 | 3.486          | -9.1%             | 3.587        | -4.0%             |
| Gasoline - Mid Grade                                                          | \$ per Gallon | August 20 | 3.707          | -8.3%             | 3.803        | -3.2%             |
| Gasoline - Premium                                                            | \$ per Gallon | August 20 | 3.860          | -7.7%             | 3.923        | -3.0%             |
| Diesel                                                                        | \$ per Gallon | August 20 | 4.005          | -7.7%             | 4.048        | -5.7%             |
| <b>Foreign Imports</b>                                                        |               |           |                |                   |              |                   |
| Crude Oil                                                                     | 1000 Barrels  | June 20   | -              | N/A               | -            | N/A               |
| Distillate                                                                    | 1000 Barrels  | June 20   | -              | N/A               | -            | N/A               |
| Jet Fuel, Kerosene                                                            | 1000 Barrels  | June 20   | -              | N/A               | -            | N/A               |
| Residual Fuel Oil                                                             | 1000 Barrels  | June 20   | -              | N/A               | -            | N/A               |
| Propane                                                                       | 1000 Barrels  | June 20   | 11             | -35.3%            | 84           | -26.3%            |
| Fuel Ethanol                                                                  | 1000 Barrels  | June 20   | -              | N/A               | -            | N/A               |
| Other Refined Petroleum Products                                              | 1000 Barrels  | June 20   | -              | N/A               | -            | N/A               |
| <b>Liquid Fuel Tax Base</b>                                                   |               |           |                |                   |              |                   |
| Gasoline                                                                      | Gallons       | June 20   | 3,761,432      |                   | 25,360,837   |                   |
| Diesel Oil (non-hwy)                                                          | Gallons       | June 20   | 2,264,749      |                   | 21,967,560   |                   |
| Diesel Oil (hwy use)                                                          | Gallons       | June 20   | 366,268        |                   | 2,447,636    |                   |
| LPG (off hwy)                                                                 | Gallons       | June 20   | -              |                   | 8            |                   |
| LPG (hwy use)                                                                 | Gallons       | June 20   | -              |                   | 8            |                   |
| Small Boat (gas)                                                              | Gallons       | June 20   | 4,716          |                   | 32,644       |                   |
| Small Boat (diesel)                                                           | Gallons       | June 20   | -              |                   | -            |                   |
| Aviation Fuel                                                                 | Gallons       | June 20   | 371,983        |                   | 23,565,846   |                   |
| Other Fuel                                                                    | Gallons       | June 20   | 22,676         |                   | 137,564      |                   |
| Agricultural Refund                                                           | Gallons       | June 20   | -              |                   | 25,345       |                   |
| <b>Registered Vehicles, Taxable</b>                                           |               |           |                |                   |              |                   |
| Passenger, Electric                                                           | Vehicle       | August 20 | 1,500          | 31.2%             | 1,433        | 30.6%             |
| Passenger, Diesel                                                             | Vehicle       | August 20 | 1,375          | -2.8%             | 1,384        | -3.8%             |
| Passenger, Gasoline                                                           | Vehicle       | August 20 | 160,334        | -1.8%             | 162,382      | 0.6%              |
| Passenger, Hybrid                                                             | Vehicle       | August 20 | 3,460          | -7.0%             | 3,459        | -5.5%             |
| Passenger, Misc Fuel                                                          | Vehicle       | August 20 | 279            | -3.8%             | 281          | -2.0%             |
| Freight, Electric                                                             | Vehicle       | August 20 | -              | -100.0%           | -            | -100.0%           |
| Freight, Diesel                                                               | Vehicle       | August 20 | 3,643          | -1.8%             | 3,665        | -0.4%             |
| Freight, Gasoline                                                             | Vehicle       | August 20 | 6,666          | 6.3%              | 6,613        | 6.1%              |
| Freight, Hybrid                                                               | Vehicle       | August 20 | 3              | -25.0%            | 3            | -25.0%            |
| Freight, Misc Fuel                                                            | Vehicle       | August 20 | 6              | -14.3%            | 6            | -17.9%            |
| <b>Electricity Production and Sale by Utility Companies</b>                   |               |           |                |                   |              |                   |
| <b>Electricity Consumers</b>                                                  |               |           |                |                   |              |                   |
| 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%              |
| <b>Electric Meters</b>                                                        |               |           |                |                   |              |                   |
| 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%             |
| <b>Electricity Sale (KWH Sold)</b>                                            |               |           |                |                   |              |                   |
| 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%             |
| <b>Net Revenue of Utility Companies</b>                                       |               |           |                |                   |              |                   |
| 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%             |
| <b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>                   |               |           |                |                   |              |                   |
| 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%             |
| <b>Electricity Production</b>                                                 |               |           |                |                   |              |                   |
| 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%             |
| <b>Fuel Oil Used by Utility Companies</b>                                     |               |           |                |                   |              |                   |
| 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%             |
| <b>Diesel Oil Used by Utility Companies</b>                                   |               |           |                |                   |              |                   |
| 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%            |
| <b>Biodiesel Oil Used by Utility Companies</b>                                |               |           |                |                   |              |                   |
| 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               |
| <b>Energy Cost Adjustment Factor</b>                                          |               |           |                |                   |              |                   |
| Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C | \$/KWH        | August 20 | 0.13780        | 369.0%            | 0.16178      | -973.5%           |

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: Lanai  
Month of Aug - 2020

| Series                                                                        | Unit       | Month     | Current Period |                   | Year-to-Date |                   |
|-------------------------------------------------------------------------------|------------|-----------|----------------|-------------------|--------------|-------------------|
|                                                                               |            |           | Number         | % Change Year Ago | Number       | % Change Year Ago |
| <b>Electricity Production and Sale by Utility Companies</b>                   |            |           |                |                   |              |                   |
| <b>Electricity Consumers</b>                                                  |            |           |                |                   |              |                   |
| 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%              |
| <b>Electric Meters</b>                                                        |            |           |                |                   |              |                   |
| 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%              |
| <b>Electricity Sale (KWH Sold)</b>                                            |            |           |                |                   |              |                   |
| 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%              |
| <b>Net Revenue of Utility Companies</b>                                       |            |           |                |                   |              |                   |
| 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%             |
| <b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>                   |            |           |                |                   |              |                   |
| 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%             |
| <b>Electricity Production</b>                                                 |            |           |                |                   |              |                   |
| 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%             |
| <b>Fuel Oil Used by Utility Companies</b>                                     |            |           |                |                   |              |                   |
| 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               |
| <b>Diesel Oil Used by Utility Companies</b>                                   |            |           |                |                   |              |                   |
| 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%            |
| <b>Biodiesel Oil Used by Utility Companies</b>                                |            |           |                |                   |              |                   |
| 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               |
| <b>Energy Cost Adjustment Factor</b>                                          |            |           |                |                   |              |                   |
| Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU EV, EV-R, EV-C | \$/KWH     | August 20 | 0.17755        | 449.4%            | 0.20141      | -721.4%           |

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: Molokai                                              |            |           |                |                   |              |                   |
|----------------------------------------------------------------------------|------------|-----------|----------------|-------------------|--------------|-------------------|
| Month of Aug - 2020                                                        |            |           |                |                   |              |                   |
| Series                                                                     | Unit       | Month     | Current Period |                   | Year-to-Date |                   |
|                                                                            |            |           | Number         | % Change Year Ago | Number       | % Change Year Ago |
| <b>Electricity Production and Sale by Utility Companies</b>                |            |           |                |                   |              |                   |
| <b>Electricity Consumers</b>                                               |            |           |                |                   |              |                   |
| 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%              |
| <b>Electric Meters</b>                                                     |            |           |                |                   |              |                   |
| 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               |
| <b>Electricity Sale (KWH Sold)</b>                                         |            |           |                |                   |              |                   |
| 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%             |
| <b>Net Revenue of Utility Companies</b>                                    |            |           |                |                   |              |                   |
| 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%             |
| <b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>                |            |           |                |                   |              |                   |
| 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%             |
| <b>Electricity Production</b>                                              |            |           |                |                   |              |                   |
| 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%             |
| <b>Fuel Oil Used by Utility Companies</b>                                  |            |           |                |                   |              |                   |
| 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               |
| <b>Diesel Oil Used by Utility Companies</b>                                |            |           |                |                   |              |                   |
| 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%            |
| <b>Biodiesel Oil Used by Utility Companies</b>                             |            |           |                |                   |              |                   |
| 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               |
| <b>Energy Cost Adjustment Factor</b>                                       |            |           |                |                   |              |                   |
| Schedules R, G, J, H, P, F, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C | \$/KWH     | August 20 | 0.12013        | 431.8%            | 0.16843      | -1072.0%          |

Source:

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

| Monthly Energy Trend: Hawaii                                                  |               |           |                |                   |              |                   |
|-------------------------------------------------------------------------------|---------------|-----------|----------------|-------------------|--------------|-------------------|
| Month of Aug - 2020                                                           |               |           |                |                   |              |                   |
| Series                                                                        | Unit          | Month     | Current Period |                   | Year-to-Date |                   |
|                                                                               |               |           | Number         | % Change Year Ago | Number       | % Change Year Ago |
| <b>Gasoline and Diesel Prices (Hilo only)</b>                                 |               |           |                |                   |              |                   |
| Gasoline - Regular                                                            | \$ per Gallon | August 20 | 3.477          | -7.9%             | 3.555        | -1.2%             |
| Gasoline - Mid Grade                                                          | \$ per Gallon | August 20 | 3.677          | -7.4%             | 3.746        | -0.5%             |
| Gasoline - Premium                                                            | \$ per Gallon | August 20 | 3.956          | -5.3%             | 4.016        | 1.4%              |
| Diesel                                                                        | \$ per Gallon | August 20 | 4.078          | -6.2%             | 4.148        | -3.7%             |
| <b>Foreign Imports</b>                                                        |               |           |                |                   |              |                   |
| Crude Oil                                                                     | 1000 Barrels  | June 20   | -              | N/A               | -            | N/A               |
| Distillate                                                                    | 1000 Barrels  | June 20   | -              | N/A               | -            | N/A               |
| Jet Fuel, Kerosene                                                            | 1000 Barrels  | June 20   | -              | N/A               | -            | N/A               |
| Residual Fuel Oil                                                             | 1000 Barrels  | June 20   | -              | N/A               | -            | N/A               |
| Propane                                                                       | 1000 Barrels  | June 20   | 25             | 56.3%             | 123          | -5.4%             |
| Fuel Ethanol                                                                  | 1000 Barrels  | June 20   | -              | N/A               | -            | N/A               |
| Other Refined Petroleum Products                                              | 1000 Barrels  | June 20   | -              | N/A               | -            | N/A               |
| <b>Liquid Fuel Tax Base</b>                                                   |               |           |                |                   |              |                   |
| Gasoline                                                                      | Gallons       | June 20   | 5,301,664      |                   | 34,557,183   |                   |
| Diesel Oil (non-hwy)                                                          | Gallons       | June 20   | 3,007,573      |                   | 17,293,250   |                   |
| Diesel Oil (hwy use)                                                          | Gallons       | June 20   | 852,449        |                   | 5,252,395    |                   |
| LPG (off hwy)                                                                 | Gallons       |           |                |                   |              |                   |
| LPG (hwy use)                                                                 | Gallons       | June 20   | 51             |                   | 1,070        |                   |
| Small Boat (gas)                                                              | Gallons       | June 20   | 20,660         |                   | 146,579      |                   |
| Small Boat (diesel)                                                           | Gallons       | June 20   | -              |                   | -            |                   |
| Aviation Fuel                                                                 | Gallons       | June 20   | 964,400        |                   | 14,117,580   |                   |
| Other Fuel                                                                    | Gallons       | June 20   | 1,023,852      |                   | 6,871,610    |                   |
| Agricultural Refund                                                           | Gallons       | June 20   | -              |                   | 43,136       |                   |
| <b>Registered Vehicles, Taxable</b>                                           |               |           |                |                   |              |                   |
| Passenger, Electric                                                           | Vehicle       | August 20 | 829            | 47.8%             | 773          | 51.2%             |
| Passenger, Diesel                                                             | Vehicle       | August 20 | 2,833          | -2.5%             | 2,865        | -2.0%             |
| Passenger, Gasoline                                                           | Vehicle       | August 20 | 181,032        | -0.3%             | 181,959      | 1.1%              |
| Passenger, Hybrid                                                             | Vehicle       | August 20 | 2,979          | -7.1%             | 2,996        | -7.1%             |
| Passenger, Misc Fuel                                                          | Vehicle       | August 20 | 171            | -55.4%            | 174          | -54.7%            |
| Freight, Electric                                                             | Vehicle       | August 20 | -              | N/A               | -            | N/A               |
| Freight, Diesel                                                               | Vehicle       | August 20 | 6,892          | 0.5%              | 6,893        | 1.0%              |
| Freight, Gasoline                                                             | Vehicle       | August 20 | 7,184          | -0.5%             | 7,249        | 1.5%              |
| Freight, Hybrid                                                               | Vehicle       | August 20 | 3              | 0.0%              | 3            | 33.3%             |
| Freight, Misc Fuel                                                            | Vehicle       | August 20 | 4              | -20.0%            | 4            | -15.0%            |
| <b>Electricity Production and Sale by Utility Companies</b>                   |               |           |                |                   |              |                   |
| <b>Electricity Consumers</b>                                                  |               |           |                |                   |              |                   |
| 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%              |
| <b>Electric Meters</b>                                                        |               |           |                |                   |              |                   |
| 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%             |
| <b>Electricity Sale (KWH Sold)</b>                                            |               |           |                |                   |              |                   |
| 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%             |
| <b>Net Revenue of Utility Companies</b>                                       |               |           |                |                   |              |                   |
| 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%             |
| <b>Electricity Retail Prices (Net Revenue per KWH Sold)</b>                   |               |           |                |                   |              |                   |
| 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%             |
| <b>Electricity Production</b>                                                 |               |           |                |                   |              |                   |
| 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%              |
| <b>Fuel Oil Used by Utility Companies</b>                                     |               |           |                |                   |              |                   |
| 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%            |
| <b>Diesel Oil Used by Utility Companies</b>                                   |               |           |                |                   |              |                   |
| 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%            |
| <b>Biodiesel Oil Used by Utility Companies</b>                                |               |           |                |                   |              |                   |
| Barrels of Oil Consumed                                                       | Barrels       | June 20   | -              | N/A               | -            | N/A               |
| Total Cost of Oil Consumed                                                    | Dollars       | June 20   | 0              | N/A               | 43,983       | N/A               |
| Ave Cost/Bbl of Oil Consumed                                                  | Dollars       | June 20   | 0.00           | N/A               | 43,983.00    | N/A               |
| Month-end price per barrel                                                    | Dollars       | June 20   | 0.00           | N/A               | 43,983.00    | N/A               |
| Cost of Oil/KWH Generated                                                     | Dollar/KWh    | June 20   | 0.000          | N/A               | 43,983.000   | N/A               |
| <b>Energy Cost Adjustment Factor</b>                                          |               |           |                |                   |              |                   |
| Schedules R, G, J, H, P, F, U, TOU-R, TOU-G, TOU-J, TOU-P, TOU-EV, EV-R, EV-C | \$/KWH        | August 20 | 0.14389        | -6.1%             | 0.14365      | -3.8%             |

Source:

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



Monthly Energy Trend: Kauai  
Month of Aug - 2020

| Series                                                      | Unit          | Month     | Current Period |                   | Year-to-Date |                   |
|-------------------------------------------------------------|---------------|-----------|----------------|-------------------|--------------|-------------------|
|                                                             |               |           | Number         | % Change Year Ago | Number       | % Change Year Ago |
| <b>Gasoline and Diesel Prices</b>                           |               |           |                |                   |              |                   |
| Gasoline - Regular                                          | \$ per Gallon | August-20 | 3,595          | -6.3%             | 3,659        | -1.4%             |
| Gasoline - Mid Grade                                        | \$ per Gallon | August-20 | 3,837          | -4.8%             | 3,919        | 0.0%              |
| Gasoline - Premium                                          | \$ per Gallon | August-20 | 3,871          | -6.4%             | 3,965        | -1.2%             |
| Diesel                                                      | \$ per Gallon | August-20 | 4,247          | -1.8%             | 4,246        | -1.8%             |
| <b>Foreign Imports</b>                                      |               |           |                |                   |              |                   |
| Crude Oil                                                   | 1000 Barrels  | June-20   | -              | N/A               | -            | N/A               |
| Distillate                                                  | 1000 Barrels  | June-20   | -              | N/A               | -            | N/A               |
| Jet Fuel, Kerosene                                          | 1000 Barrels  | June-20   | -              | N/A               | -            | N/A               |
| Residual Fuel Oil                                           | 1000 Barrels  | June-20   | -              | N/A               | -            | N/A               |
| Propane                                                     | 1000 Barrels  | June-20   | 11             | -50.0%            | 74           | -40.8%            |
| Fuel Ethanol                                                | 1000 Barrels  | June-20   | -              | N/A               | -            | N/A               |
| Other Refined Petroleum Products                            | 1000 Barrels  | June-20   | -              | N/A               | -            | N/A               |
| <b>Liquid Fuel Tax Base</b>                                 |               |           |                |                   |              |                   |
| Gasoline                                                    | Gallons       | June 20   | 1,858,215      |                   | 11,813,692   |                   |
| Diesel Oil (non-hwy)                                        | Gallons       | June 20   | 142,540        |                   | 1,619,732    |                   |
| Diesel Oil (hwy use)                                        | Gallons       | June 20   | 262,160        |                   | 1,383,974    |                   |
| LPG (off hwy)                                               | Gallons       |           |                |                   |              |                   |
| LPG (hwy use)                                               | Gallons       | June 20   | 185            |                   | 398          |                   |
| Small Boat (gas)                                            | Gallons       | June 20   | -              |                   | -            |                   |
| Small Boat (diesel)                                         | Gallons       | June 20   | -              |                   | -            |                   |
| Aviation Fuel                                               | Gallons       | June 20   | 79,945         |                   | 7,757,712    |                   |
| Other Fuel                                                  | Gallons       | June 20   | 291,884        |                   | 5,084,653    |                   |
| Agricultural Refund                                         | Gallons       | June 20   | -              |                   | 19,451       |                   |
| <b>Registered Vehicles, Taxable</b>                         |               |           |                |                   |              |                   |
| Passenger, Electric                                         | Vehicle       | August-20 | 364            | 16.3%             | 355          | 17.1%             |
| Passenger, Diesel                                           | Vehicle       | August-20 | 942            | -5.9%             | 966          | -5.2%             |
| Passenger, Gasoline                                         | Vehicle       | August-20 | 76,577         | -1.5%             | 77,406       | -0.3%             |
| Passenger, Hybrid                                           | Vehicle       | August-20 | 1,040          | -5.5%             | 1,057        | -4.9%             |
| Passenger, Misc Fuel                                        | Vehicle       | August-20 | 80             | -4.8%             | 80           | -4.9%             |
| Freight, Electric                                           | Vehicle       | August-20 | -              | N/A               | -            | N/A               |
| Freight, Diesel                                             | Vehicle       | August-20 | 2,299          | 2.2%              | 2,282        | 1.7%              |
| Freight, Gasoline                                           | Vehicle       | August-20 | 1,958          | 2.7%              | 1,935        | 2.9%              |
| Freight, Hybrid                                             | Vehicle       | August-20 | 1              | -50.0%            | 2            | 0.0%              |
| Freight, Misc Fuel                                          | Vehicle       | August-20 | 1              | 0.0%              | 1            | 14.3%             |
| <b>Electricity Production and Sale by Utility Companies</b> |               |           |                |                   |              |                   |
| <b>Electricity Consumers</b>                                |               |           |                |                   |              |                   |
| All Sectors                                                 | Consumers     | July-20   | 38,320         | 1.0%              | 38,160       | 0.8%              |
| Residential                                                 | Consumers     | July-20   | 29,504         | 1.1%              | 29,403       | 0.9%              |
| Commercial                                                  | Consumers     | July-20   | 5,051          | 1.3%              | 4,992        | 0.7%              |
| Street Lights                                               | Consumers     | July-20   | 3,765          | 0.2%              | 3,765        | 0.3%              |
| <b>Electric Meters</b>                                      |               |           |                |                   |              |                   |
| All Sectors                                                 | Meters        | July-20   | 38,320         | 1.0%              | 38,160       | 0.8%              |
| Residential                                                 | Meters        | July-20   | 29,504         | 1.1%              | 29,403       | 0.9%              |
| Commercial                                                  | Meters        | July-20   | 5,051          | 1.3%              | 4,992        | 0.7%              |
| Street Lights                                               | Meters        | July-20   | 3,765          | 0.2%              | 3,765        | 0.3%              |
| <b>Electricity Sale (KWH Sold)</b>                          |               |           |                |                   |              |                   |
| All Sectors                                                 | KWH           | July-20   | 34,889,731     | -18.8%            | 238,039,617  | -7.5%             |
| Residential                                                 | KWH           | July-20   | 14,331,641     | -14.2%            | 99,327,145   | -1.2%             |
| Commercial                                                  | KWH           | July-20   | 20,493,852     | -21.9%            | 138,262,872  | -11.6%            |
| Street Lights                                               | KWH           | July-20   | 64,238         | 0.2%              | 449,600      | -4.3%             |
| <b>Net Revenue of Utility Companies</b>                     |               |           |                |                   |              |                   |
| All Sectors                                                 | Dollars       | July-20   | 11,308,871     | -20.0%            | 77,865,607   | -10.6%            |
| Residential                                                 | Dollars       | July-20   | 4,819,474      | -16.1%            | 33,626,821   | -5.0%             |
| Commercial                                                  | Dollars       | July-20   | 6,434,507      | -22.9%            | 43,849,444   | -14.6%            |
| Street Lights                                               | Dollars       | July-20   | 54,890         | -1.5%             | 389,342      | -3.0%             |
| <b>Electricity Retail Prices (Net Revenue per KWH Sold)</b> |               |           |                |                   |              |                   |
| All Sectors                                                 | Cents/KWh     | July-20   | 32.41          | -1.5%             | 32.71        | -3.3%             |
| Residential                                                 | Cents/KWh     | July-20   | 33.63          | -2.2%             | 33.85        | -3.8%             |
| Commercial                                                  | Cents/KWh     | July-20   | 31.40          | -1.3%             | 31.71        | -3.4%             |
| Street Lights                                               | Cents/KWh     | July-20   | 85.45          | -1.7%             | 86.60        | 1.3%              |
| <b>Electricity Production</b>                               |               |           |                |                   |              |                   |
| Electricity Sent to System by Electric Utility Companies    | KWH           | July-20   | 39,170,997     | -14.7%            | 250,228,625  | -7.5%             |
| Electricity Generated at the Electric Utility Stations      | KWH           | July-20   | 13,487,158     | -42.2%            | 102,491,534  | -22.0%            |
| - Generated by Steam                                        | KWH           | July-20   | -              | N/A               | -            | #DIV/0!           |
| - Generated by Diesel                                       | KWH           | July-20   | 13,350,196     | -41.9%            | 100,487,201  | -22.1%            |
| - Generated by Hydro and Wind                               | KWH           | July-20   | 136,962        | -59.5%            | 2,004,333    | -16.7%            |
| Electricity Purchased from Independent Power Plant          | KWH           | July-20   | 25,784,918     | 11.5%             | 149,109,543  | 4.9%              |
| Electricity Used by Electric Utility Stations               | KWH           | July-20   | 101,079        | -81.0%            | 1,372,452    | -54.7%            |
| <b>Fuel Oil Used by Utility Companies</b>                   |               |           |                |                   |              |                   |
| Barrels of Oil Consumed                                     | Barrels       | July-20   | -              | N/A               | -            | N/A               |
| Total Cost of Oil Consumed                                  | Dollars       | July-20   | 0.00           | N/A               | N/A          | N/A               |
| Ave Cost/Bbl of Oil Consumed                                | Dollars       | July-20   | 0.00           | N/A               | N/A          | N/A               |
| Month-end price per barrel                                  | Dollars       | July-20   | 0.00           | N/A               | N/A          | N/A               |
| Cost of Oil/KWH Generated                                   | Dollar/KWh    | July-20   | 0.00           | N/A               | N/A          | N/A               |
| <b>Diesel Oil Used by Utility Companies</b>                 |               |           |                |                   |              |                   |
| Barrels of Oil Consumed                                     | Barrels       | July-20   | 24,105         | -40.4%            | 177,264      | -21.2%            |
| Total Cost of Oil Consumed                                  | Dollars       | July-20   | 1,254,557      | -58.6%            | 11,698,133   | -33.0%            |
| Ave Cost/Bbl of Oil Consumed                                | Dollars       | July-20   | 52.05          | -30.5%            | 65.99        | -15.0%            |
| Month-end price per barrel                                  | Dollars       | July-20   | 68.02          | -18.6%            | 75.36        | -20.2%            |
| Cost of Oil/KWH Generated                                   | Dollar/KWh    | July-20   | 0.094          | -28.8%            | 0.113        | -15.8%            |
| <b>Energy Cost Adjustment Factor</b>                        |               |           |                |                   |              |                   |
| Schedule D, G, J, L, P, SL                                  | \$/KWH        | August-20 | -0.03166       | 91.4%             | -0.03194     | 52.8%             |

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

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Research & Economic Analysis Division.