



ENERGY INDUSTRY INFORMATION REPORTING PROGRAM ("EIIRP") INSTRUCTIONS

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<https://energy.hawaii.gov/eiirp>

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REGISTRATION INSTRUCTIONS

QUESTIONS

If you have any questions about registration after reading the instructions, please contact HSEO support at (808) 587-3807.

WHO MUST REGISTER

Distributors and refiners in the State of Hawaii must register and these are defined per HRS § 486J below.

"Distributor" means:

- (1) Every person who refines, manufactures, produces, or compounds fuel in the State and sells it at wholesale or at retail;
- (2) Every person who imports or causes to be imported into the State, or exports or causes to be exported from the State, any fuel;
- (3) Every person who acquires fuel through exchanges with another distributor; or
- (4) Every person who purchases fuel for resale at wholesale or retail from any person described in paragraph (1), (2), or (3); provided that "distributor" shall not include a marina, lessee dealer-operated station, owner-operated station, or other retailer that retails fuel only to end users or the public.

"Refiner" means any person who owns, operates, or controls the operations of one or more refineries in Hawaii.

HOW TO REGISTER

Registration is mandatory pursuant to HRS § 486J and must be completed by emailing HSEO at dbedt.hseo.eiirp@hawaii.gov for all new distributors and refiners with your company information.

WHEN TO SUBMIT REGISTRATION

For new distributors, major oil storers, and refiners, the initial filing date to register is no later than **30 days after beginning business in the state**. All changes to a previously filed registration form shall be filed no later than seven (7) business days from the date of the change.

HOW TO SUBMIT FORMS

Submit Microsoft Excel versions of each form to <https://eiirp.hawaii.gov/>.

COPIES OF SURVEY FORMS AND INSTRUCTIONS

Copies of the reporting form in spreadsheet format (XLS) are available on HSEO's website. Copies of the instruction form in PDF are also located on HSEO's website below. Files must be saved to your personal computer. Data cannot be entered interactively on the website.

Reporting Forms in Excel

<https://energy.hawaii.gov/eiirp>

EIIRP Reports

The following reports and corresponding report number compose the reporting forms within the Energy Industry Information Reporting Program. The reporting period for each of the report types is monthly for every calendar month.

- DBEDT-110 Monthly Petroleum Imports Report
- DBEDT-111 Monthly Petroleum Exports Report
- DBEDT-130 Monthly Retail and Wholesale Transactions Report
- DBEDT-140 Monthly Refinery Report
- DBEDT-301 Monthly Storage Facility Report

PROVISIONS REGARDING CONFIDENTIALITY OF INFORMATION

Information reported on EIIRP forms will not be publicly released in company or individually identifiable form and will be protected from disclosure in identifiable form, pursuant to HRS § 486J-6.



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GENERAL INSTRUCTIONS FORM DBEDT-110, 111, 130, 140, 301

QUESTIONS

If you have any questions after reading the general instructions, please contact DBEDT at (808) 587-3807.

PURPOSE

The Hawaii State Energy Office (HSEO) within the Department of Business, Economic Development, and Tourism (DBEDT) is collecting petroleum product volume information for state energy planning and policy development, energy assurance planning, and energy security. These general instructions are applicable to all forms listed below.

WHO MUST SUBMIT

Pursuant to HRS § 486J, the following forms must be completed by these reporting entities:

- 1. Form DBEDT-110 Monthly Petroleum Imports Report –**
Each distributor who imports crude oil or petroleum products into the State of Hawaii.
- 2. Form DBEDT-111 Monthly Petroleum Exports Report –**
Each distributor who exports crude oil or petroleum products from the State of Hawaii.
- 3. Form DBEDT-130 Monthly Retail and Wholesale Transactions Report –**
Each distributor who directly sells it at wholesale or retail or who uses it directly in the manufacture of products.
- 4. Form DBEDT-140 Monthly Refinery Report –**
By the operators of oil refineries in the State of Hawaii.
- 5. Form DBEDT-301 Monthly Storage Facility Report –**
By manufacturers, distributors, or jobbers who own or control storage facilities in the State of Hawaii.

WHEN TO SUBMIT

All forms, DBEDT-110, DBEDT-111, DBEDT-130, DBEDT-140, and DBEDT-301, are monthly and must be received by HSEO on or before the last day of each month following the end of the report month (e.g., July 2024 report period must be received on or before August 31, 2024). Due dates that fall on a Saturday, Sunday, or legal holiday, must be submitted by the next business day. Filing deadlines are subject to change by the HSEO. If the filing deadline for a report falls on a State or Federal holiday or weekends, the report shall be due on the next business day.

HOW TO SUBMIT

Submit Microsoft Excel versions of each form to <https://eiirp.hawaii.gov/>. A separate report for each facility must be submitted, except for the retail/wholesale report which will require separate forms for each island.

COPIES OF SURVEY FORMS AND INSTRUCTIONS

Copies of the reporting form in portable document format (PDF) and spreadsheet format (XLS) are available on HSEO's website. Copies of the instruction form in PDF are also located on HSEO's website below. Files must be saved to your personal computer. Data cannot be entered interactively on the website.

Reporting Forms in Excel

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GENERAL INSTRUCTIONS

PART 1. RESPONDENT IDENTIFICATION

- **Company name** – Select the name of the reporting entity from the drop-down.
- **Report Period (Month Ending)** – Enter the Month and Year for the reporting period. The monthly report period begins at 12:01 a.m. Hawaii Standard Time (HST) on the first day of the month and ends midnight of the last day of the month.
- **Submission Date** – Enter as Month (##), Day (1-31) and Year.
- If there has been a change of respondent information since the previous report, please check box (“Respondent information has changed”) and fill out the form below. If more than one contact and/or facility information has changed, please provide additional changes in the comments section below.
- **Doing business as a** – check all the boxes that apply to your company. See definitions below.
 - **Distributor (§486J-1):**
 - (1) Every person who refines, manufactures, produces, or compounds fuel in the State and sells it at wholesale or at retail;
 - (2) Every person who imports or causes to be imported into the State, or exports or causes to be exported from the State, any fuel;
 - (3) Every person who acquires fuel through exchanges with another distributor; or
 - (4) Every person who purchases fuel for resale at wholesale or retail from any person described in paragraph (1), (2), or (3); provided that "distributor" shall not include a marina, lessee dealer-operated station, owner-operated station, or other retailer that retails fuel only to end users or the public.
 - **Petroleum Product Refiner (§486J-1):** Any person who owns, operates, or controls the operations of one or more refineries in Hawaii.
- **Facility Name** – Select the facility name from the drop-down. This should automatically fill in the location, city, state, and zip. If the physical location is the same as the mailing address, check the box next to “Mailing Address same as Physical Address.”
- **Mailing Address** – Enter mailing address if it is different than physical location.
- **Contact Information** – Enter the name, telephone number, and e-mail address of the contact person for the reporting entity concerning information shown in the report. The contact person should be the person most knowledgeable of the specific data reported.
- **Comments** – Please provide an explanation on any unusual aspects of your reporting month’s operations.
- **Certification** – The certification section at the bottom of the form shall be completed and executed by the person filing the report on behalf of the company.

PART 2. SUBMISSION OR RESUBMISSION INFORMATION

Submission

Refer to the “How To Submit” section for detailed instructions.

Resubmission

- A resubmission is required whenever an error is found in a previous report. A resubmission must be done regardless if an error was discovered by a respondent or requested by HSEO. In addition, resubmission is required whenever descriptive information is added or changed.
- Check the box next to “Resubmission,” if the report is being resubmitted.
- For resubmissions, resubmit a revised form with all activity reported in the month, not just the revised items. Complete the report period, report date, contact information (if applicable) and click the box next to “Resubmission.” Please provide an explanation of any unusual aspects of the company’s reporting month’s operations and/or reason for resubmission in the **Comments** section located at the bottom of the form.

PROVISIONS REGARDING CONFIDENTIALITY OF INFORMATION

Information reported will not be publicly released in company or individually identifiable form and will be protected from disclosure in identifiable form, pursuant to HRS § 486J-6.

SANCTIONS

The timely submission by those required to report is mandatory under HRS § 486J-9. Failure to respond may result in civil penalties as stated in HRS § 486J-9



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FORM DBEDT-110
MONTHLY PETROLEUM IMPORTS REPORT INSTRUCTIONS

SPECIFIC INSTRUCTIONS

PART 3. IMPORT ACTIVITY DETAIL

- **Product Description** – If the product reported is not listed, then enter the unlisted product name under the cell named “OTHER (Not listed in the selection above): Specify below.” If identical product types are imported from various states or countries, report each product by each specific state or country of origin after row 35 (“LIST PRODUCTS THAT MAY HAVE MORE THAN ONE STATE OR COUNTRY OF ORIGIN”).
- **Port of Entry (Select from list)** – Select the appropriate port of entry from the dropdown under the column named “Port of Entry.”
- **State or Country of Origin (if product has more than one origin, then list below line 34)** – Select the petroleum product’s state or country of origin from the drop-down under the relevant column. If the product imported has more than one origin, then list them below by product type beginning row 35.
- **Volume of Import (Barrels)** – Report the quantity (in barrels) of petroleum by product imported into the facility during the period.
- **Sulfur Percent by Weight (Crude Oil and Residual Fuel Oil Only)** – Enter the sulfur percent by weight rounded to two significant digits (e.g., 1.28) for products with cells that are not grayed out.
- **API Gravity (at 60°F For Crude Oil Only)** – Enter the API (American Petroleum Institute) Gravity rounded to two significant digits (e.g., 26.71) for products with cells that are not grayed out.

PROVISIONS REGARDING CONFIDENTIALITY OF INFORMATION

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SANCTIONS

The timely submission of Form DBEDT-110 by those required to report is mandatory under HRS § 486J-9. Failure to respond may result in civil penalties as stated in HRS § 486J-9.



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FORM DBEDT-111
MONTHLY PETROLEUM EXPORTS REPORT INSTRUCTIONS

SPECIFIC INSTRUCTIONS

PART 3. EXPORT ACTIVITY DETAIL

- **Product Description** – If the product reported is not listed, then enter the unlisted product name under the cell named “OTHER (Not listed in the selection above): Specify below.” If identical product types are exported to various states or countries, report each product by each specific destination (state or country) after row 35 (“OTHER (Not listed in the selection above): Specify below.”).
- **Port of Exit (Select from list)** – Select the appropriate port of exit from the drop-down under the cell named “port of exit.”
- **Destination: State or Country (if product has more than one destination, then list below line 34)** – Select the petroleum product’s destination state or country from the drop-down under the relevant column.
- **Volume of Export (Barrels)** – Report the quantity (in barrels) of petroleum by product exported from the facility during the period.

PROVISIONS REGARDING CONFIDENTIALITY OF INFORMATION

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SANCTIONS

The timely submission of Form DBEDT-111 by those required to report is mandatory under HRS § 486J-9. Failure to respond may result in civil penalties as stated in HRS § 486J-9.



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FORM DBEDT-130
MONTHLY RETAIL AND WHOLESALE TRANSACTIONS REPORT INSTRUCTIONS

SPECIFIC INSTRUCTIONS

PART 1. RESPONDENT IDENTIFICATION

- **Island** – Select the island of the end-user in the transaction from the drop-down.

PART 3. TRANSACTION ACTIVITY DETAIL

- **Product Description** – If the product reported is not listed, then enter the unlisted product name under the cell named “OTHER (Not listed in the selection above): Specify below.”

Total Retail Transactions (Sales to End-Users)

Through Company Operated Retail Outlets [a]

- **Report** sales volume (in barrels) of petroleum products made through company-operated retail outlets, which are subject to motor fuel taxes. For diesel fuel, include sales volume made through company-operated retail outlets which are subject to motor fuel highway taxes. Do not include wholesale sales, or the sale of product for resale, in this category.

To Other End-Users (Barrels)

- **Residential [b]]**
 - **Report** sales volume (in barrels) for an energy-consuming sector that consists of living quarters for private households (e.g., individual households, apartment buildings, condominiums, or other multi-family dwellings).
 - **Report** volumes of petroleum product types used this type of energy-consuming sector, sold for use in private households for space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a variety of other appliances. For propane, include both sales of bottled gas delivered to the residence and truck sales delivered to customer tanks.
- **Commercial/Institutional [c & d]**
 - ***Commercial Agriculture [c]***
 - **Report** sales volume (in barrels) of an energy-consuming sector that consists of all facilities and equipment engaged in growing crops and raising animals.
 - **Report** volumes of diesel and kerosene, as well as other petroleum product types used in this type of energy-consuming sector, sold for use in tractors, irrigation pumps, milking machines, and other agricultural machinery or equipment for any other agricultural purpose including, fuel used for crop drying, smudge pots, space heating of buildings, and cooking. Energy use by all facilities and equipment at these establishments is included, whether or not it is directly associated with growing crops and/or raising animals. Note that facility energy use encompasses all structures at the establishment, including the farm house.
 - ***Commercial/Institutional Non-Agriculture [d]***
 - **Report** sales volume (in barrels) for an energy-consuming sector that consists of service-providing facilities and equipment of: nonmanufacturing businesses, such as motels, restaurants, retail stores, laundries, etc.; other private and public organizations, such as religious, social, or fraternal groups; and apartment buildings, schools, and institutional living quarters. Include sales volume (in barrels) sold to power generators.
 - **Report** volumes of kerosene, No. 1 distillate, No. 2 fuel oil, No. 2 diesel < 15 ppm sulfur, No. 2 diesel > 15 and < 500 ppm sulfur, No. 2 diesel > 500 ppm sulfur, and residual, as well as other petroleum product types used in this type of energy-consuming sector, sold for use in space heating, water heating, air conditioning, lighting, refrigeration, cooking, and running a wide variety of other equipment.
 - **Report** sales of non-taxed on-highway diesel, distillate, or other sold for government use or sales of residual fuel of other for use by off-highway.

- **Industrial [e]**
 - **Report** sales volume (in barrels) of an energy-consuming sector that consists of all facilities and equipment used for producing, processing, or assembling goods. The industrial sector encompasses the following types of activity: manufacturing and mining.
 - **Report** volumes of kerosene, diesel, and residual, as well as other petroleum product types used this type of energy-consuming sector, sold for use in heating, air conditioning, lighting, powering machinery, and fuels used as raw material inputs to manufactured products.
- **Maritime [f]**
 - **Report** sales volume (in barrels) of an energy-consuming sector that consists of commercial or private boats, such as pleasure craft, fishing boats, tugboats, and ocean-going vessels, including vessels operated by oil companies.
 - **Report** volumes of diesel and residual fuel oil, as well as other petroleum product types used in this type of energy-consuming sector, sold for all uses.
 - **Exclude** volumes sold to the U.S. Armed Forces.
- **Government Agencies [g through i]**
 - **Federal Non-Military Agencies (g)**
 - **Report** sales volume of petroleum product (in barrels) to *Federal Non-Military Agencies* for their storage, distribution, and usage.
 - **State Agencies (h)**
 - **Report** sales volume of petroleum product (in barrels) to *State Agencies* for their storage, distribution, and usage.
 - **County Agencies (i)**
 - **Report** sales volume of petroleum product (in barrels) to *County Agencies* for their storage, distribution, and usage.
- **Military [j]**
 - **Report** sales volume (in barrels) of an energy-consuming sector that consists of the U.S. Armed Forces, Defense Energy Support Center (DESC), and all branches of the Department of Defense (DOD).
 - **Report** volumes of gasoline, jet fuel, diesel, and residual fuel oil, as well as other petroleum product types used for this type of energy-consuming sector, sold for all uses.
- **Other [k]**
 - **Report** sales volume (in barrels) under the “Other” category that pertains to other areas under which the descriptions of “Residential”, “Commercial/Institutional”, “Industrial”, “Maritime”, “Government Agencies”, or “Military” are not relevant. If “Other”, please explain what it is comprised of in the comments section of the form.

Wholesale (For Resale): Total (Barrels)

- **Report** the total sales volume (in barrels) of all petroleum products distributed for wholesale sales (or direct sales to users for resale).
- **Include** sales volume of petroleum product (in barrels) to retail dealers, which are individuals or firms that buy goods from a producer or distributor for wholesale and/or retail resale.

Distributor Used: Total (Barrels)

- **Report** volumes (in barrels) of petroleum products that are consumed internally by reporting entity while in the process of distributing product.
- **Include** fuel oil that was purchased or produced and used at your own facilities for the operation of drilling equipment, other field or refinery operations, and space heating. Also include sales to the other oil companies for field use.
- **Include** sales volume of an energy-consuming sector that includes drilling companies, pipelines, or other related company operations not engaged in the direct selling of petroleum products to energy users.
- **Exclude** sales volume (in barrels) of petroleum products made through company-operated retail outlets.
- **Exclude** sales for use as refinery charging stocks and fuel oil used in ships and boats, which should be reported as vessel bunkering.

PROVISIONS REGARDING CONFIDENTIALITY OF INFORMATION

Information reported on Form DBEDT-130 will not be publicly released in company or individually identifiable form and will be protected from disclosure in identifiable form, pursuant to HRS § 486J-6.

SANCTIONS

The timely submission of Form DBEDT-130 by those required to report is mandatory under HRS § 486J-9. Failure to respond may result in civil penalties as stated in HRS § 486J-9.



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FORM DBEDT-140 MONTHLY REFINERY REPORT INSTRUCTIONS

SPECIFIC INSTRUCTIONS

PART 3. REFINERY ACTIVITY DETAIL

Total Refined, Manufactured, or Compounded (Barrels)

- **Report** quantity (barrels) of product refined, manufactured, or compounded, defined as the following:
 - **Refined:** The reductive result of applying heat and pressure to hydrocarbon base stocks, which can include crude oil and intermediary petroleum products. Refined petroleum products include but are not limited to gasolines, kerosene, distillates (including No. 2 fuel oil), liquefied petroleum gases, asphalt, lubricating oils, diesel oils, and residual oils.
 - **Manufactured:** The petroleum product components processed and produced into a finished, salable product for resellers, retailers, or ultimate consumers.
 - **Compounded:** The mixing or blending and/or reacting of all of the components required to produce a finished product at the refinery.
- **Report** volume of feedstocks processed (such as crude oil) into the total feedstock processed column in barrels during the period.
- **Report** volume of products produced into the total product produced column in barrels during the period.

PROVISIONS REGARDING CONFIDENTIALITY OF INFORMATION

Information reported on Form DBEDT-140 will not be publicly released in company or individually identifiable form and will be protected from disclosure in identifiable form, pursuant to HRS § 486J-6.

SANCTIONS

The timely submission of Form DBEDT-140 by those required to report is mandatory under HRS § 486J-9. Failure to respond may result in civil penalties as stated in HRS § 486J-9.



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FORM DBEDT-301
MONTHLY STORAGE FACILITY REPORT INSTRUCTIONS

SPECIFIC INSTRUCTIONS

PART 3. STORAGE FACILITY DETAIL

- **Product Description** – If the product reported is not listed, then enter the unlisted product name under the cell named “OTHER (Not listed in the selection above): Specify below.” If identical product types are exported to various states or countries, report each product by each specific destination (state or country) after row 35 (“OTHER (Not listed in the selection above): Specify below.”).

Maximum Capacity (Barrels)

- **Report** the maximum petroleum product that is capable of being stored at the facility. Total storage capacity is based on physical dimensions or shell capacity of all tanks in aggregate in the particular product service during the report period.
- **Report** all capacity quantities in barrels.

Net Usable Capacity (Barrels)

- **Report** the difference between the maximum fill of the tank (not shell capacity) and the tank heel of all tanks in aggregate in the particular product service during the report period.
- **Report** all capacity quantities in barrels.

Inventory End of Month (Barrels)

- **Report** inventory end of the month as of midnight of the last day of the current report month.
- **Report** all inventory in the custody of the facility regardless of ownership. Reported inventory quantities should represent actual measured inventories.
- **Report** all domestic and foreign inventory held at each bulk terminal or storage facility your company owns. Each facility gets its own form. Report all inventory in your company’s bulk terminals or storage facility, regardless of ownership. Do not include petroleum products stored in underground tanks – only above-ground tanks.

Report all domestic and foreign inventory held at terminals. Include foreign inventory only after entry through Customs. Exclude inventory of foreign origin held in bond.

Methods of Transport

- **Report** the volume (in barrels) of the **receipts** and **distributions** of the petroleum products by method of transportation – pipeline, tanker, barge, or truck – used to receive and distribute the petroleum products to and from the facility.

PROVISIONS REGARDING CONFIDENTIALITY OF INFORMATION

Information reported on Form DBEDT-301 will not be publicly released in company or individually identifiable form and will be protected from disclosure in identifiable form, pursuant to HRS § 486J-6.

SANCTIONS

The timely submission of Form DBEDT-301 by those required to report is mandatory under HRS § 486J-9. Failure to respond may result in civil penalties as stated in HRS § 486J-9.



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PRODUCT TYPE DEFINITIONS

Alkylate	The product of an alkylation reaction. It usually refers to the high-octane sulfur free product from alkylation units. This alkylate is used in blending high octane and regular gasoline.
Asphalt	A dark brown-to-black cement-like material obtained by petroleum processing and containing bitumens as the predominant component; used primarily for road construction. It includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. Note: The conversion factor for asphalt is 5.5 barrels per short ton.
Aviation	A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in aviation reciprocating engines. Fuel specifications are provided in ASTM Specification D 910 and Military Specification MIL-G-5572. Note: Data on blending components are not counted in data on finished aviation gasoline.
Biodiesel Feedstock	The organic raw materials used to produce biodiesel. Including but not limited to: Veg Fuel Oil [if feedstock], rapeseed oil, restaurant grease, etc.
Biodiesel >95%	A fuel typically made from soybean, canola, or other vegetable oils; animal fats; and recycled grease. It can serve as a substitute for petroleum-derived diesel or distillate fuel. For DBEDT reporting, it is a fuel composed of mono-alkyl esters of long chain fatty acids derived from vegetable oils or animal fats, designated B95 to B100, and meeting the requirements of ASTM (American Society for Testing materials) D 6751.
Biodiesel <30%	Biodiesel blend with between 1-30% biodiesel
Crude Oil	Raw material for refinery processing into products.
Ethanol	(CH ₃ -CH ₂ OH): A clear, colorless, flammable oxygenated hydrocarbon. Ethanol is typically produced chemically from ethylene, or biologically from fermentation of various sugars from carbohydrates found in agricultural crops and cellulosic residues from crops or wood. It is used in the United States as a gasoline octane enhancer and oxygenate (blended up to 10 percent concentration). Ethanol can also be used in high concentrations (E85) in vehicles designed for its use.
Gasoline (E10) Midgrade	A blend of 90% HIBOB Premium and Regular and 10% Ethanol. Midgrade gasoline has a road antiknock index, i.e., octane rating, greater than or equal to 88 and less than or equal to 90. Typically 89 Rd in U.S. markets.
Gasoline (E10) Premium	A blend of 90% HIBOB Premium and 10% Ethanol.
Gasoline (E10) Regular	A blend of 90% HIBOB Regular and 10% Ethanol.
HIBOB Premium	Or Hawaii Gasoline Before Oxygenated Blending of Gasoline Premium, which is gasoline having a road antiknock index, i.e., octane rating, greater than 90. Typically either 93 Rd or 92 Rd in U.S. markets; Hawaii Premium is 92 Rd.
HIBOB Regular	Or Hawaii Gasoline Before Oxygenated Blending of Gasoline Regular, which is gasoline having a road antiknock index, i.e., octane rating, greater than or equal to 85 and less than 88. Typically 87 Rd in U.S. markets.
Intermediate Fuel Oil	Intermediate fuel oil is a residual fuel derived from crude oil refining. It falls between heavy fuel oil and light fuel oil in terms of viscosity and density. It is typically used in large diesel engines, such as those found in ships, power plants, and industrial machinery.

Jet Kerosene	A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8), and it is used for commercial and military turbo jet and turbo prop aircraft engines. Bonded jet fuel received at a marine terminal and then used in international flights is not subject to the fees. The fuel enters the state under bond pursuant to federal law and regulation and it remains under bond in segregated storage until it is shipped by pipeline to an airport facility where it is used exclusively on international flights.
Military Jet Fuel (JP5 and JP8)	A refined petroleum product used in jet aircraft engines. It includes kerosene-type jet fuel and naphtha-type jet fuel.
Motor Gasoline Blend Components	Motor gasoline (also known as MoGas) is a light hydrocarbon fuel for use in internal combustion engines, excluding those in aircraft. Motor gasoline blend components include but are not limited to terms such as Gasoline Blendstock, otherwise known as MOGAS Blend.
Naphtha	A generic term applied to a petroleum fraction with an approximate boiling range between 122 degrees Fahrenheit and 400 degrees Fahrenheit. Also includes Whole Straight Run (product directly recovered from first boil), Naphtha Catalytic Reforming Unit (CRU) Feed
No. 2 Diesel 15 ppm < Sulfur <= 500 ppm	A fuel that has distillation temperatures of 500 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines, such as those in railroad locomotives, trucks, and automobiles. Composed of sulfur between 15 and 500 ppm.
No. 2 Diesel Sulfur <= 15 ppm	A fuel that has distillation temperatures of 500 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines, such as those in railroad locomotives, trucks, and automobiles. Composed of sulfur less than 15 ppm.
No. 2 Diesel Sulfur > 500	A fuel that has distillation temperatures of 500 degrees Fahrenheit at the 10-percent recovery point and 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines, such as those in railroad locomotives, trucks, and automobiles. Composed of sulfur that exceeds 500 ppm.
No. 2 Fuel Oil	A type of diesel fuel that trucks and some cars run on, leading to the name "road diesel". It is the synonymous with heating oil.
Propane (HD-5)	A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of -43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial propane and HD-5 propane.
Reformate	Used in blending or compounding high octane gasoline or finished aviation or motor gasoline.
Re-Run Oil	Oil that is returned to the refinery process for further processing.
Residual Fuel Oil <= 1%	A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It is used in steam-powered vessels in government service and inshore power plants. No. 6 oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes. This classification is for residual fuel oil with a sulfur content of less than or equal to 1%.
Residual Fuel Oil > 1%	This classification is for residual fuel oil with a sulfur content greater than 1%.
Synthetic Natural Gas	Or SNG and also referred to as substitute natural gas. A manufactured product, chemically similar in most respects to natural gas, resulting from the conversion or reforming of hydrocarbons that may easily be substituted for or interchanged with pipeline-quality natural gas.
Synthetic Natural Gas Feedstock	SNG is often created through the converting or reforming of carbonaceous feedstocks (coal, biomass).

Unfinished Oil (all other)	All oils requiring further processing, except those requiring only mechanical blending. Unfinished oils are produced by partial refining of crude oil and include naphthas and lighter oils, kerosene and light gas oils, heavy gas oils, and residuum.
Unleaded Gasoline Regular (no ethanol finished)	Finished regular gasoline that meets octane specifications without ethanol.
Unleaded Gasoline Midgrade (no ethanol finished)	Finished midgrade gasoline that meets octane specifications without ethanol.
Unleaded Gasoline Premium (no ethanol finished)	Finished premium gasoline that meets octane specifications without ethanol.
Vacuum Gas Oil	Referring to the process of distillation. Extracted byproduct from heavy residuum (26 to over 60 carbons). Lighter and heavier gas oil are called flasher tops and bottoms, respectively. Cut point for where product typically is separated is between 450 and 800 degrees Fahrenheit. Heavy gas oil can be immediately used as asphalt.