

OMB No. 1905-0165

Expiration Date: 8/31/2019 Version No.:2016.01

### Burden: 5.2 hours

## FORM EIA-810 MONTHLY REFINERY REPORT

This report is **mandatory** under the Federal Energy Administration Act of 1974 (Public Law 93-275). Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For further information concerning sanctions and data protections see the provision on sanctions and the provision concerning the confidentiality of information in the instructions. **Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly makes to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction.** 

| PART 1. RESPONDENT IDENTIFICATION DA  | TA              |                   | PART 2. SUB              | MISSION/RE      | SUBMISSION I                     | NFORMATIO                 | N        |
|---|-----------------|-------------------|--------------------------|-----------------|----------------------------------|---------------------------|----------|
| REPORT PERIOD: Month Year EIA ID NUMBER:  |                 |                   | If this is a re          | submission,     | enter an "X" in t                | he box:                   |          |
| If any Respondent Identification Data has change enter an "X" in the box:                               | jed since the   | last report,      | -                        |                 | e received by th<br>eport month. | e 20th calenda            | ar day   |
|   |                 |                   | Forms may b              | e submitted     | using one of the                 | e following               |          |
| Company Name:   |                 |                   | methods:                 |                 |                                  |                           |          |
| Doing Business As:  |                 |                   |                          |                 |                                  |                           |          |
| Site Name:  |                 |                   | Secure Fil               | e Transfer:     |                                  |                           |          |
| Terminal Control Number (TCN):  |                 |                   |                          | https://sig     | non.eia.doe.gov                  | /upload/notice            | oog.jsp  |
| Physical Address of Contact (e.g., Street Addres  | ss, Building N  | lumber,           |                          |                 |                                  |                           |          |
| Floor, Suite):  |                 |                   | Email:                   | <u>OOG.SUR</u>  | VEYS@eia.doe.g                   | gov                       |          |
| City: State: Zip:   |                 |                   | Fax:                     | (202) 586-1     | 076                              |                           |          |
| Mailing Address of Contact (e.g., PO Box, RR): addresses are the same, only complete the physical City: |                 |                   | For th<br>softw          | are, call (202) | nic Data Reporti<br>) 586-9659.  | ing Option (PE            | :DRO)    |
| Contact Name:   |                 |                   | (See I                   | Form instruct   | ions, pg 1.)                     |                           |          |
| Phone No.:  | Ext:            |                   | Questions?               | Call            | : 202-586-6281                   |                           |          |
| Fax No.:  |                 | <del></del>       | Questions:               | Gaii            | . 202-300-0201                   |                           |          |
| Email address:  | _               |                   |                          |                 |                                  |                           |          |
|   |                 |                   |                          |                 |                                  |                           |          |
| PART 3. REFINERY INPUT AND CAPACITY   |                 |                   |                          |                 |                                  |                           |          |
|   | REFINE          | ERY INPUT (TI     | housand Barre            | ls)             |                                  |                           |          |
|   | Item Desc       | cription          |                          |                 |                                  | Product<br>Code           | Quantity |
| Gross Input to Atmospheric Crude Oil Distillation   | <br>า Units     |                   |                          |                 |                                  | 990                       |          |
| Fresh Feed Input to Selected Downstream Proc  | essing Units:   |                   |                          |                 |                                  |                           |          |
| Catalytic Reformer  |                 |                   |                          |                 |                                  | 490                       |          |
| Catalytic Cracking  |                 |                   |                          |                 |                                  | 491                       |          |
| Catalytic Hydrocracking   |                 |                   |                          |                 |                                  | 492                       |          |
| Fluid and Delayed Coking  |                 |                   |                          |                 |                                  | 493                       |          |
| OPERABLE CAPACITY OF ON THE FIRST DAY   |                 |                   |                          |                 |                                  |                           |          |
|   | Item Desc       | cription          |                          |                 |                                  | Product<br>Code           | Quantity |
| Operating   |                 |                   |                          |                 |                                  | 399                       |          |
| Idle  |                 |                   |                          |                 |                                  | 400                       |          |
| Total Operable  |                 |                   |                          |                 |                                  | 401                       |          |
| PART 4. SULFUR CONTENT AND API GRAV   | TY OF CRUI      | DE OIL (Repor     | t either 030 or          | 040 but not     | both)                            |                           |          |
| CRUDE OIL   | Product<br>Code | Weight            | ed Average Su<br>Content | lfur            | Weighted                         | Average API<br>(at 60° F) | Gravity  |
| Receipts  | 030             |                   | <del>-</del>             | %               |                                  | (2.00 1)                  | ° API    |
| Input   | 040             |                   |                          | %               |                                  |                           | ° API    |
| Comments: Identify any unusual aspects of your rep  | orting month's  | s operations. (To | o separate one co        | mment from a    | nother, press AL                 | T+ENTER.)                 |          |
|   |                 |                   |                          |                 |                                  |                           |          |



Burden: 5.2 hours

#### FORM EIA-810 MONTHLY REFINERY REPORT

REPORTING PERIOD: Month: Year: EIA ID NUMBER: RESUBMISSION:

#### PART 5. REFINERY OPERATIONS (Thousand Barrels)

| Itam Dagarintian   | Product<br>Code | Stocks<br>Beginning<br>of Month<br>(+) | Receipts<br>During<br>Month<br>(+) | Inputs<br>During<br>Month<br>(-) | Production<br>During<br>Month<br>(+) | Shipments<br>During<br>Month<br>(-) | Fuel Uses<br>& Losses<br>During<br>Month | Stocks<br>End of<br>Month<br>(=) |
|--|-----------------|--|------------------------------------|----------------------------------|--------------------------------------|-------------------------------------|--|----------------------------------|
| Item Description   | 050             |  |                                    |                                  |                                      | . ,                                 | (-)                                      |                                  |
| Crude Oil (incl. Lease condensate), TOTAL                            | 050             |  |                                    |                                  |                                      |                                     |  |                                  |
| Domestic (incl. Alaskan)   | 010             |  |                                    |                                  |                                      |                                     |  |                                  |
| Alaskan  | 011             |  |                                    |                                  |                                      |                                     |  |                                  |
| Foreign  | 020             |  |                                    |                                  |                                      |                                     |  |                                  |
| Hydrogen   | 091             |  |                                    |                                  |                                      |                                     |  |                                  |
| Other Hydrocarbons   | 093             |  |                                    |                                  |                                      |                                     |  |                                  |
| Renewable Fuels, TOTAL   | 202             |  |                                    |                                  |                                      |                                     |  |                                  |
| Fuel Ethanol   | 141             |  |                                    |                                  |                                      |                                     |  |                                  |
| Biomass-Based Diesel Fuel  | 203             |  |                                    |                                  |                                      |                                     |  |                                  |
| Other Renewable Diesel Fuel  | 205             |  |                                    |                                  |                                      |                                     |  |                                  |
| Other Renewable Fuels  | 207             |  |                                    |                                  |                                      |                                     |  |                                  |
| Oxygenates (excluding Fuel Ethanol), TOTAL                           | 446             |  |                                    |                                  |                                      |                                     |  |                                  |
| Ethyl Tertiary Butyl Ether (ETBE)                                    | 142             |  |                                    |                                  |                                      |                                     |  |                                  |
| Methyl Tertiary Butyl Ether (MTBE)                                   | 144             |  |                                    |                                  |                                      |                                     |  |                                  |
| Other Oxygenates   | 445             |  |                                    |                                  |                                      |                                     |  |                                  |
| Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG): |                 |  |                                    |                                  |                                      |                                     |  |                                  |
| Ethane/Ethylene, TOTAL   | 108             |  |                                    |                                  |                                      |                                     |  |                                  |
| Ethane - LRG   | 641             |  |                                    |                                  |                                      |                                     |  |                                  |
| Ethylene   | 631             |  |                                    |                                  |                                      |                                     |  |                                  |
| Propane/Propylene, TOTAL   | 246             |  |                                    |                                  |                                      |                                     |  |                                  |
| Propane - LRG  | 642             |  |                                    |                                  |                                      |                                     |  |                                  |
| Propylene  | 632             |  |                                    |                                  |                                      |                                     |  |                                  |
| Normal Butane/Butylene, TOTAL  | 244             |  |                                    |                                  |                                      |                                     |  |                                  |
| Normal Butane - NGPL   | 249             |  |                                    |                                  |                                      |                                     |  |                                  |
| Normal Butane - LRG  | 643             |  |                                    |                                  |                                      |                                     |  |                                  |
| Butylene   | 633             |  |                                    |                                  |                                      |                                     |  |                                  |
| Isobutane/Isobutylene, TOTAL   | 245             |  |                                    |                                  |                                      |                                     |  |                                  |
| Isobutane - NGPL   | 247             |  |                                    |                                  |                                      |                                     |  |                                  |
| Isobutane - LRG  | 644             |  |                                    |                                  |                                      |                                     |  |                                  |
| Isobutylene  | 634             |  |                                    |                                  |                                      |                                     |  |                                  |
| Pentanes Plus  | 220             |  |                                    |                                  |                                      |                                     |  |                                  |
| Unfinished Oils, TOTAL   | 812             |  |                                    |                                  |                                      |                                     |  |                                  |
| Naphthas and Lighter   | 820             |  |                                    |                                  |                                      |                                     |  |                                  |
| Kerosene & Light Gas Oils  | 830             |  |                                    |                                  |                                      |                                     |  |                                  |
| Heavy Gas Oils   | 840             |  |                                    |                                  |                                      |                                     |  |                                  |
| Residuum   | 850             |  |                                    |                                  |                                      |                                     |  |                                  |
| Finished Motor Gasoline:   |                 |  |                                    |                                  |                                      |                                     |  |                                  |
| Reformulated, Blended with Fuel Ethanol                              | 125             |  |                                    |                                  |                                      |                                     |  |                                  |
| Reformulated, Other  | 127             |  |                                    |                                  |                                      |                                     |  |                                  |



Burden: 5.2 hours

#### FORM EIA-810 MONTHLY REFINERY REPORT

REPORTING PERIOD: Month: Year: EIA ID NUMBER: RESUBMISSION:

#### PART 5. REFINERY OPERATIONS (Thousand Barrels)

| Itom Description   | Product<br>Code | Stocks<br>Beginning<br>of Month<br>(+) | Receipts<br>During<br>Month<br>(+) | Inputs<br>During<br>Month<br>(-) | Production<br>During<br>Month<br>(+) | Shipments<br>During<br>Month<br>(-) | Fuel Uses<br>& Losses<br>During<br>Month<br>(-) | Stocks<br>End of<br>Month<br>(=) |
|--|-----------------|--|------------------------------------|----------------------------------|--------------------------------------|-------------------------------------|---|----------------------------------|
| Item Description   |                 |  |                                    |                                  |                                      |                                     | (-)   |                                  |
| Conventional, Blended with Fuel Ethanol  | 166             |  |                                    |                                  |                                      |                                     |   |                                  |
| Ed55 and Lower   | 149             |  |                                    |                                  |                                      |                                     |   |                                  |
| Greater than Ed55  |                 |  |                                    |                                  |                                      |                                     |   |                                  |
| Conventional, Other  | 130             |  |                                    |                                  |                                      |                                     |   |                                  |
| Motor Gasoline Blending Components:  Reformulated Blendstock for Oxygenate Blending (RBOB) | 118             |  |                                    |                                  |                                      |                                     |   |                                  |
| Conventional Blendstock for Oxygenate Blending (CBOB)                                      | 139             |  |                                    |                                  |                                      |                                     |   |                                  |
| Gasoline Treated as Blendstock (GTAB)  | 117             |  |                                    |                                  |                                      |                                     |   |                                  |
| All Other Motor Gasoline Blending Components   | 138             |  |                                    |                                  |                                      |                                     |   |                                  |
| Aviation Gasoline:   |                 |  |                                    |                                  |                                      |                                     |   |                                  |
| Finished   | 111             |  |                                    |                                  |                                      |                                     |   |                                  |
| Blending Components  | 112             |  |                                    |                                  |                                      |                                     |   |                                  |
| Special Naphthas (solvents)  | 051             |  |                                    |                                  |                                      |                                     |   |                                  |
| Kerosene-type Jet Fuel, TOTAL  | 213             |  |                                    |                                  |                                      |                                     |   |                                  |
| Commercial   | 217             |  |                                    |                                  |                                      |                                     |   |                                  |
| Military   | 218             |  |                                    |                                  |                                      |                                     |   |                                  |
| Kerosene   | 311             |  |                                    |                                  |                                      |                                     |   |                                  |
| Distillate Fuel Oil, TOTAL   | 411             |  |                                    |                                  |                                      |                                     |   |                                  |
| 15 ppm sulfur and under  | 465             |  |                                    |                                  |                                      |                                     |   |                                  |
| Greater than 15 ppm to 500 ppm sulfur (incl.)  | 466             |  |                                    |                                  |                                      |                                     |   |                                  |
| Greater than 500 ppm sulfur  | 467             |  |                                    |                                  |                                      |                                     |   |                                  |
| Residual Fuel Oil, TOTAL   | 511             |  |                                    |                                  |                                      |                                     |   |                                  |
| Under 0.31% sulfur   | 508             |  |                                    |                                  |                                      |                                     |   |                                  |
| 0.31% to 1.00% sulfur (incl.)  | 509             |  |                                    |                                  |                                      |                                     |   |                                  |
| Over 1.00% sulfur  | 510             |  |                                    |                                  |                                      |                                     |   |                                  |
| Lubricants, TOTAL  | 854             |  |                                    |                                  |                                      |                                     |   |                                  |
| Naphthenic   | 852             |  |                                    |                                  |                                      |                                     |   |                                  |
| Parafinic  | 853             |  |                                    |                                  |                                      |                                     |   |                                  |
| Asphalt and Road Oil   | 931             |  |                                    |                                  |                                      |                                     |   |                                  |
| Wax  | 070             |  |                                    |                                  |                                      |                                     |   |                                  |
| Petroleum Coke   |                 |  |                                    |                                  |                                      |                                     |   |                                  |
| Petroleum Coke, Marketable   | 021             |  |                                    |                                  |                                      |                                     |   |                                  |
| Petroleum Coke, Catalyst   | 022             |  |                                    |                                  |                                      |                                     |   |                                  |
| Still Gas  | 045             |  |                                    |                                  |                                      |                                     |   |                                  |
| Petrochemical Feedstocks:  |                 |  |                                    |                                  |                                      |                                     |   |                                  |
| Naphtha less than 401°F end-point  | 822             |  |                                    |                                  |                                      |                                     |   |                                  |
| Other Oils greater than or equal to 401°F end-<br>point                                    | 824             |  |                                    |                                  |                                      |                                     |   |                                  |
| Miscellaneous Products:  |                 |  |                                    |                                  |                                      |                                     |   |                                  |



Burden: 5.2 hours

#### FORM EIA-810 MONTHLY REFINERY REPORT

REPORTING PERIOD: Month: Year: EIA ID NUMBER: RESUBMISSION:

#### PART 5. REFINERY OPERATIONS (Thousand Barrels)

| Item Description                   | Product<br>Code | Stocks<br>Beginning<br>of Month<br>(+) | Receipts<br>During<br>Month<br>(+) | Inputs<br>During<br>Month<br>(-) | Production<br>During<br>Month<br>(+) | Shipments<br>During<br>Month<br>(-) | Fuel Uses<br>& Losses<br>During<br>Month<br>(-) | Stocks<br>End of<br>Month<br>(=) |
|------------------------------------|-----------------|--|------------------------------------|----------------------------------|--------------------------------------|-------------------------------------|---|----------------------------------|
| Non-Fuel Use                       | 097             |  |                                    |                                  |                                      |                                     |   |                                  |
| Fuel Use                           | 098             |  |                                    |                                  |                                      |                                     |   |                                  |
| Inputs (gain) or Production (loss) | 911             |  |                                    |                                  |                                      |                                     |   |                                  |
| TOTAL                              | 999             |  |                                    |                                  |                                      |                                     |   |                                  |



Burden: 5.2 hours

# FORM EIA-810 MONTHLY REFINERY REPORT SEMI-ANNUAL STORAGE CAPACITY SUPPLEMENT

Report storage capacity twice each year with monthly reports for March and September.

REPORTING PERIOD: Month: Year: EIA ID NUMBER: RESUBMISSION:

#### PART 6. STORAGE CAPACITY<sup>1</sup> (Thousand Barrels)

|   | Product | Working                 | Net Available Shell Capacity |      |       |  |  |
|---|---------|-------------------------|------------------------------|------|-------|--|--|
| Item Description  | Code    | (Exclude<br>Idle Tanks) | In Operation                 | Idle | Total |  |  |
| Crude Oil   | 050     |                         |                              |      |       |  |  |
| Fuel Ethanol  | 141     |                         |                              |      |       |  |  |
| Natural Gas Plant Liquids and Liquefied Refinery Gases <sup>2</sup> | 242     |                         |                              |      |       |  |  |
| Propane/Propylene (dedicated) <sup>3</sup>                          | 246     |                         |                              |      |       |  |  |
| Motor Gasoline (including Blending Components)                      | 131     |                         |                              |      |       |  |  |
| Distillate Fuel Oil   | 411     |                         |                              |      |       |  |  |
| Kerosene and Kerosene-Type Jet Fuel                                 | 308     |                         |                              |      |       |  |  |
| Residual Fuel Oil   | 511     |                         |                              |      |       |  |  |
| Asphalt and Road Oil  | 931     |                         |                              |      |       |  |  |
| All Other <sup>4</sup>  | 332     |                         |                              |      |       |  |  |
| Total   | 999     |                         |                              |      |       |  |  |

<sup>&</sup>lt;sup>1</sup> Includes above ground storage capacity and underground storage capacity.

<sup>&</sup>lt;sup>2</sup> Includes storage capacity for ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, isobutylene, and pentanes plus stored separately or in mixes.

<sup>&</sup>lt;sup>3</sup> Storage capacity dedicated to propane and propylene is a subset of storage capacity for natural gas plant liquids and liquefied refinery gases.

<sup>&</sup>lt;sup>4</sup> Other includes oxygenates and renewable fuels (except fuel ethanol), other hydrocarbons, unfinished oils, aviation gasoline, aviation gasoline blending components, special naphthas, lubricants, petrochemical feedstocks, wax, and miscellaneous products.