



**FORM EIA-820  
ANNUAL REFINERY REPORT  
REPORT YEAR 2010**

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 DATA** | **PART 2. SUBMISSION/RESUBMISSION INFORMATION**

EIA ID NUMBER:

If any Respondent Identification Data has changed since the last report, enter an "X" in the box:

Company Name: \_\_\_\_\_

Doing Business As (DBA): \_\_\_\_\_

Site Name: \_\_\_\_\_

Terminal Control Number (TCN): \_\_\_\_ - \_\_\_\_ - \_\_\_\_ - \_\_\_\_

Physical Address of Contact (e.g., Street Address, Building Number, Floor, Suite): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ - \_\_\_\_\_

Mailing Address of Contact (e.g., PO Box, RR): If the physical address and mailing address are the same, only complete the physical address field.  
\_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ - \_\_\_\_\_

Contact Name: \_\_\_\_\_

Phone No.: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Ext: \_\_\_\_\_

Fax No.: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Email address: \_\_\_\_\_

If this is a resubmission, enter an "X" in the box:

A completed form must be received by 5 p.m. Eastern Time on the Monday following the end of the report period.

Forms may be submitted using one of the following methods:

Email: [OOG.SURVEYS@eia.doe.gov](mailto:OOG.SURVEYS@eia.doe.gov)

Fax: (202) 586-1076

Secure File Transfer:  
<https://idc.eia.doe.gov/upload/noticeoog.jsp>

Electronic Transmission:  
For the PC Electronic Data Reporting Option (PEDRO) software, call (202) 586-9659.  
(See Form instructions, pg 1)

Questions? Call: 202-586-6281

Comments: (Explain any unusual or substantially different aspects of your current year's operations that affect the data reported.) For example, note new processing units, major modifications or retirement of processing units, sale of refinery, etc. (To separate one comment from another, press ALT+ENTER)

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**PART 3. FUEL, ELECTRICITY, AND STEAM PURCHASED & CONSUMED AT THE REFINERY DURING 2009**

Item	Code	Quantity Used As Fuel or Feedstock	Item	Code	Quantity Used As Fuel
Natural Gas (million cubic feet):			Coal (thousand short tons)	109	
Fuel	105		Purchased Electricity (million kWh)	114	
Hydrogen Feedstock	107		Purchased Steam (million pounds)	113	

**PART 4. REFINERY RECEIPTS OF CRUDE OIL BY METHOD OF TRANSPORTATION DURING 2009 (Thousand Barrels)**

Source	Code	Pipelines	Tankers	Barges	Tank Cars	Trucks	Total <sup>1/</sup>
Domestic	010						
Foreign	020						

<sup>1/</sup> Total Domestic and Total Foreign Refinery Receipts (Codes 010 and 020) **must equal the sum** of the comparable refinery receipts on the Form EIA-810, "Monthly Refinery Report," filed for January through December 2009.

**PART 5. ATMOSPHERIC CRUDE OIL DISTILLATION CAPACITY AS OF JANUARY 1**

Atmospheric Crude Oil Distillation Capacity	Code	Barrels per Calendar Day <sup>2/</sup>	Barrels per Stream Day
<b>2010:</b> Operating	399		
Idle	400		
Total Operable	401		
<b>2011:</b> Operable	501		

<sup>2/</sup> Barrels per Calendar Day Operating, Idle and Total Operable Capacity (Codes 399, 400 and 401) **must match** the comparable capacity numbers reported on the Form EIA-810, "Monthly Refinery Report," filed for January 2010.



OMB No. xxxx.xxxx  
 Expiration Date: mm/dd/yyyy  
 Version No.: xxxx.xx

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**PART 6. DOWNSTREAM CHARGE CAPACITY AS OF JANUARY 1**

Charge Capacity	Code	2010 Barrels per Calendar Day	2010 Barrels per Stream Day	2011 Barrels per Stream Day
Vacuum Distillation	402			
Thermal Cracking:				
Visbreaking	403			
Fluid Coking (incl. Flexicoking)	404			
Delayed Coking	405			
Other (incl. Gas Oil)	406			
Catalytic Cracking:				
Fresh Feed	407			
Recycled	408			
Catalytic Hydrocracking:				
Distillate	439			
Gas Oil	440			
Residual	441			
Desulfurization (including Catalytic Hydrotreating):				
Naphtha/Reformer Feed	426			
Gasoline	420			
Kerosene and Jet	421			
Diesel Fuel	422			
Other Distillate	423			
Residual	424			
Heavy Gas Oil	413			
Other	425			
Catalytic Reforming:				
Low Pressure	430			
High Pressure	431			
Fuels Solvent Deasphalting	432			

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**PART 7. PRODUCTION CAPACITY AS OF JANUARY 1 (Barrels per Stream Day, Except Where Noted)**

Production Capacity	Code	2010 Barrels per Stream Day	2011 Barrels per Stream Day
Alkylates	415		
Aromatics	437		
Asphalt and Road Oil	931		
Isobutane (C4)	644		
Isopentane (C5), Isohexane (C6)	438		
Isooctane (C8)	635		
Lubricants	854		
Petroleum Coke - Marketable	021		
Hydrogen(million cubic ft. per day)	091		
Sulfur (short tons per day)	435		

**PART 8. STORAGE CAPACITY AS OF JANUARY 1, 2010 (Thousand Barrels)**

Storage Capacity	Code	Working	Shell
Crude Oil	050		
Oxygenates (excluding Fuel Ethanol):			
Ethyl Tertiary Butyl Ether (ETBE)	142		
Methyl Tertiary Butyl Ether (MTBE)	144		
Other Oxygenates*	445		
Renewable Fuels (including Fuel Ethanol)			
Fuel Ethanol	141		
Biomass-based Diesel Fuel	203		
Other Renewable Diesel Fuel	205		
Other Renewable Fuels	207		
Propane/Propylene	246		
Normal Butane/Butylene	244		
Finished Motor Gasoline:			
Reformulated	150		
Conventional	152		
Gasoline Blending Components	136		
Kerosene-Type Jet Fuel	213		
Kerosene	311		
Distillate Fuel Oil:			
15 ppm sulfur and under	465		
Greater than 15 to 500 ppm sulfur	466		
Greater than 500 ppm sulfur	467		
Residual Fuel Oil	511		
Lubricants	854		
Asphalt and Road Oil	931		
Other**	333		
<b>Total Storage Capacity</b>	<b>999</b>		

\* Includes other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE), n-propanol, TAME, and TBA).

\*\* Includes ethane/ethylene, isobutane/isobutylene, pentanes plus, other hydrocarbons, hydrogen, unfinished oils, finished aviation gasoline, special naphthas, wax, petroleum coke, still gas, petrochemical feedstocks and miscellaneous products.