

Electronic Data Reporting—Moving Editing Closer to Respondents

WP No. 37, Topic iv: Data Editing by Respondent and Data Suppliers

- EIA conducts ~65 surveys; vary in frequency from weekly to every four years; most are mail surveys
- U.S. Paperwork Elimination Act of 1998 encouraged more electronic modes of collection
- Until the last 2 years limited implementation, isolated surveys, large firm usage
- Mail back formatted diskettes, mail diskette with installable application submit data electronically, CATI, CAPI

RESELLERS'RETAILERS' MONTHLY PETROLEUM PRODUCT SALES REPORT FORM EIA-782B

Type of Report (Check One):

- (1) Original
 (2) Revision to Report Dated:

Report Period: Mo Year
 EIA ID NUMBER:

Enter the abbreviation of the State for which this schedule is being filed. A separate Schedule II should be filed for each State. (See Appendix A for State abbreviations.)

Schedule II

PART II. MONTHLY STATE SALES OF FINISHED MOTOR GASOLINE

RETAIL SALES (Direct Sales to End-Users)

PRODUCT (Refer to Definitions)	Product Code	SALES THROUGH COMPANY-OPERATED RETAIL OUTLETS		SALES TO OTHER END-USERS	
		(1)		(2)	
		Volume (Thousand Gallons)	Price (\$0.000/gallon)	Volume (Thousand Gallons)	Price (\$0.000/gallon)
Reformulated, Regular	153				
Midgrade	154				
Premium	155				
Oxygenated, Regular	156				
Midgrade	157				

PEDRO Screen for data input

EIA-810 Monthly Refinery Report

File Utility Window Help

AMERADA HESS / - 2003-04

Identification **Refinery Inputs** Sulfur Content - API Gravity Refinery Operations Errors and Warnings

Refinery Input and Capacity	Code	Quantity
Gross Input to Atmospheric Crude Oil Distillation Units (Thousand Barrels)	990	<input type="text"/>
Fresh Feed Input to Downstream Processing Units (Thousand Barrels)		
Catalytic Cracking Units	491	<input type="text"/>
Catalytic Hydrocracking Units	492	<input type="text"/>
Delayed and Fluid Coking Units	493	<input type="text"/>
Operable Capacity of Atmospheric Crude Oil Distillation Units On the First Day of the Month (Barrels per Calendar Day)		
Operating	399	<input type="text" value="5"/>
Idle	400	<input type="text" value="15"/>
Total Operable	401	<input type="text" value="30"/>

Ready 09:20:26 OMB Number: 1905-0165 Expiration: 11/30/03

PEDRO Screen of Data Errors

EIA-810 Monthly Refinery Report

File Utility Window Help

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Identification Refinery Inputs Sulfur Content - API Gravity Refinery Operations **Errors and Warnings**

Error Message/Explanation

Error Message:	Address line cannot be blank.
Explanation:	t
Error Message:	Invalid State code.
Explanation:	
Error Message:	Line Imbalance. For Crude Oil (050), Ending Stocks should equal Beginning Stocks + Receipts - Inputs - Shipments - Use Loss.
Explanation:	
Error Message:	Total Error. Total (999) Inputs does not equal the sum of all Inputs, including Processing Gain (911).
Explanation:	

Print Errors and Warnings **6 Errors/Warnings generated** **Refresh Edits**

Ready 09:21:08 OMB Number: 1905-0165 Expiration: 11/30/03

Internet Data Collection Screen

EIA-877: Main Form - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address https://idc.eia.doe.gov/shopp/control/Shopp_MainForm?companyId=13

eia.doe.gov **EIA-877: Winter Heating Fuels Telephone Survey** [Logoff](#)

[Main Form](#) [Notices](#) [Instructions & Help](#)

(CURRENT) Ref. Period: 02/17/2003 State: CT Report Status: Incomplete Unsubmitted Data: No

Click to sort by header (>=Complete)

ID	Company
CT02186	All Gas & Equip Co
CT02198	Amerigas Propane
CT05007	Amerigas Propane
CT05004	Bemer Petro Corp
CT03000	Blue Flame Oil Co I
CT03001	Brothers Oil Co., I
CT03002	Didato Oil Co Inc
CT05027	E Osterman Inc
CT03003	Eastern USA Fuel In
CT05009	F & S Oil Co
CT05011	Greenwich Propane

Counts: Total=58 Complete=53 Incomplete=5

[Add Survey Comments](#) [Change State Contact Info](#) [Create 02/17/2003 Report](#) State: CT

All Gas & Equip Co ID=CT02186

Address: 3150 Main Street
Hartford, CT 06120

Contact: Dee Scovill Phone: (860) 278-2376 x 604
E-mail: Fax:
Alt:

Price (\$/gal) Category
Propane XXX Bulk Keep Full-Credit

[Next](#) [Cancel](#) [View/Update History](#)
[Change Co. Contact Info](#)

[ADMIN HOME](#) [Submit to EIA](#)

ber: 1905-0174
pires: 11/30/03

Internet

Editing Approach

Electronic Data Reporting—Moving Editing Closer to Respondents

- Requires change for critical edit failures
- Change or footnote/comment for query edit failures
- Provides simultaneously viewable error log
- Additional edits performed offline with other information

Summary of Electronic Approaches

Electronic Data Reporting—Moving Editing Closer to Respondents

Electronic Method	Number of surveys using method and range of % respondents using method	Editing within electronic collection?
Unformatted e-mail	5 surveys	no
	10-90%	
Unsecured transfer Word or Excel file	39 surveys ←	Automatic totals but no real edits; e-mail notices planned
	1-100%	
Secured transfer Word or Excel file	27 surveys ←	Automatic totals but no real edits; e-mail notices planned
	1-70%	
Diskette/CD software (e-mail, fax or mail back)	3 surveys	yes
	3-57%	
PEDRO (mail CD, install and electronic submission)	10 surveys	Roughly 60% of the surveys
	1-27%	
EFS (Download software, install and e-mail, fax, mail)	1 survey	yes
	100%	
Internet	12 surveys ←	All but one survey
	2-99%	