

# Automated Fuel Delivery Processing Overview

Last Modified on 10/31/2023 5:21 pm EDT

Cenex AFD delivers fuel to customer tanks based on monitor levels and call-in orders. Daily and Monthly files are generated from the Cenex AFD website and placed into Energy Force's root directory. Energy Force AFD Processing imports and processes the Daily and Monthly delivery files and applies the proper department codes, pricing, and fees within a matter of minutes.

## AFD Price Option 2 Summary

AFD Price Option 2 reads the Cenex AFD delivery file for the base price per gallon, total freight, and delivery charges. All other applicable fees such as excise tax, leak tax, inspection fees, and etc. are maintained in the AFD Maintenance table and applied to the gallons at the time of processing. Margins from the Energy Force price file are applied at the time of import processing.

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DAILY BILLING FOR_4_9_2018(108636).TXT - Notepad
File Edit Format View Help
1,0100,108636,04/11/2018,
2,106131,10553,
3,06100,ULSD RMXLD,1,1,1016.6,3567240,04/09/2018 23:59:00,480,480,0,480,0,2.0857,1001.14,14.98,52.32,0,12579,1,4/9/2018,
2,106320,11698,
3,X0201,ULSD FLD,1,2,905.8,3566436,04/09/2018 23:59:00,810,810,0,810,0,2.1097,1708.86,37.42,169.29,0,31642,2,4/6/2018,
    
```

The screenshot shows a software window with a summary on the left and a detailed list of charges on the right. The summary includes:

- Gallons Used 480.00 x Coop Cost Pier Gallery 2.0857 = 1001.1350
- Net Cost = 1001.1350
- + Total Freight = 14.9800
- + Total Delivery Charges = 52.3200
- Gallons Used 480.00 x (Margin 0.5700 + Adders 0.4360) = 482.8800
- = Total = 1551.3160
- / 480.00 Gallons = 3.2319
- \* 0.00 Gallons = 0.0000
- Total Trip Charges = 0.0000
- Adders = 3 DSL ROAD EXCISE TAX 0.1800
- 4 DSL FED EXCISE TAX 0.2440
- 5 INSPECTION FEE 0.0010
- 6 LEAK TAX 0.0010
- 7 ENVIRONMENTAL FEE 0.0100

The detailed list on the right includes items like UNLEADED-NON-E, UNLEADED-NON-E, ROADMASTER XL, and various taxes and fees with their respective prices and codes.

Price codes established in the price maintenance menu for Price Option 2 do not need to be modified for price fluctuations because Energy Force will apply pricing directly from the Cenex AFD file. However, Margins associated to the price codes will need to be updated via the Update Margins Utility program should they ever need to change.

Division	Price Code	Price Description	Price Type	Avgd Price Y/N	Rack Code	Rack Price Description
31	401	ROADMASTER XL - MONITORED	0	Yes	3	AFD ROAD DIESEL

  

Pricing Tiers	Starting Gallons	Ending Gallons	Low Cap	High Cap	Margin	
A Tier	3.1190	150	499	0.0000	0.0000	0.5700
B Tier	3.0890	500	999	0.0000	0.0000	0.5700
C Tier	3.0090	1000	1999	0.0000	0.0000	0.5700
D Tier	2.9790	2000	4999	0.0000	0.0000	0.5700
E Tier	2.9290	5000	6599	0.0000	0.0000	0.5700
F Tier	2.8090	6600	999999	0.0000	0.0000	0.5150
G Tier	3.1690	0	149	0.0000	0.0000	0.6200
H Tier	0.0000	0	0	0.0000	0.0000	0.0000

See here for detailed processing instructions.