

To: All eFuel users

Subject: Some things to keep in mind when using eFuel

Reminders to be able to access the eFuel system:

#1 One must apply for an eFuel user ID. Your company's PJM Customer Account Manager (CAM) must fill out the eFuel Registration Form. To become a CAM, follow the instructions at <http://www.pjm.com/etools/administration.html>

#2 Once you have applied by completing the above forms, return them to the Monitoring Analytics eFuel Administrator ([Carl.Smith@MonitoringAnalytics.com](mailto:Carl.Smith@MonitoringAnalytics.com)) and then you will be issued an eFuel User ID.

#3 eFuel user IDs and passwords are case sensitive. All passwords must contain at least one character and one numeral

#4 If you already have a PJM eGADS or eSuite user ID, **it will not work with** eFuel. An eFuel user ID will also not work with eGADS or eSuite. They are independent applications.

Reminders for entering data via the eFuel system:

#1 All quantities should be in thousands to two decimal places.  
123,345.4 tons should be entered as 123.35

#2 All prices should be in cents per million BTU to one decimal place.  
2.564 \$/MBTU should be entered as 256.4

#3 When entering Card98P data, complete the County Number, Coal District Number, Coal Mines Code, and State fields for coal deliveries **only**.

#4 Revisions to Card98P via the upload process are not permitted.

#5 One of the difficulties in reporting Card98P data in the eFuel system is keeping the information unique. In order to do this, without the entry of the data becoming cumbersome, we had to limit the number of key variables in the record. The following variables define the records' uniqueness:

Plant, Year, Month, Purchase Type Code, Fuel Type Code and Source Data.

An example is best to illustrate the concerns above:

For a fictitious plant named Plant 1, for the month of January 2002:  
Delivery #1 (from Blacksville #2 Mine, Consolidation Coal Company is the supplier):  
Purchase Type Code = 'C' ---- Contract  
Fuel Type Code = 'CBTD' --- 2.0%S Bituminous Coal  
County Number = 061 --- Monongalia County  
Coal Mines Code = 'U' --- Deep Mine

Delivery #2(From Loveridge Mine, Consolidation Coal Company is the supplier):

Purchase Type Code = 'C' ---- Contract

Source Data = 'Consolidation Coal Company'

Fuel Type Code = 'CBTD' --- 2.0%S Bituminous Coal

County Number = 061 --- Monongalia County

Coal Mines Code = 'U' --- Deep Mine

The two deliveries above are not unique when using the supplier name in the source data field. They, also, are both produced in the same county and are both from deep mines. Although the mine type and county number are not key variables (records that identify uniqueness), the source data field can be managed to provide uniqueness.

Below are three suggested solutions to make these records unique:

- 1) Sum the tonnage for the two deliveries and compute a weighted average for the other pertinent information while using the supplier name in the source data field. This will yield one unique record.
- 2) Use the mine name in the source data field for each delivery. This will yield two unique records. (this may be easiest option)
- 3) Use 'Consolidated Coal Company Blacksville #2' in the source data field for delivery #1, and so on.... (40 chars max in the source data field)

It doesn't matter whether supplier, mine or other identifier is used in the source data field; we are just in need of consistency because this field will be used to define uniqueness. As an example, if both 'Consol' and 'Consolidation Coal' were used in the same month for different deliveries, it may get confusing when searching for a specific record. You may choose to use a combination of the above solutions to make records unique. An example is to use solutions #1 and #2 when you have more than one delivery from the same coal mine.

Keep in mind that this is the same information that must be submitted to the EIA on their Form 923 (for plants greater than 50 MW). If your Form 923 is completed with a specific set of rules, please keep it consistent for ease of reporting.

#6 When choosing a fuel please use the correct fuel type. If the sulphur content is greater than X% and less or equal to Y% use the fuel type that specifies Y% sulphur. If the sulphur content is 1.35% sulphur and the fuel is bituminous coal, choose CBTC, Bituminous 1.5% S. In other words, choose the fuel type in which the sulphur content is next highest or equal to the sulphur content for the delivery on the Card98P or the consumption on Card98U.