
EPA Moderated Transaction System (EMTS)

U.S. Environmental Protection Agency
Office of Transportation and Air Quality

EPA Moderated Transaction System (EMTS)

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What is EMTS?

- The EPA Moderated Transaction System is defined as a closed, moderated system for screening and trading Renewable Identification Numbers (RINs).
- EMTS has been developed for a number of reasons and has been widely accepted from many industry stakeholders.
- EMTS will screen and track all RINs generated under the Renewable Fuel Standard (RFS2) regulations starting July 1, 2010.

Why did EPA develop EMTS?

- There were many issues with the manual nature of handling 38 digit RINs.
- RFS2 requires added complexity with 4 Renewable Volume Obligations and 5 RIN types.
- EMTS provides industry with the ability to generate and trade RINs in a structured, uniform environment.
- Allows all regulated parties, who handle RINs, to receive immediate feedback.

What does EMTS do for me?

- EMTS allows RINs to be traded on a generic basis instead of handling 38 digit numbers.
- Allows users to provide unique references, such as PTD, Invoice, or BOL numbers. This feature assists personal tracking systems and could simplify annual attest engagements.
- EMTS will notify parties if a submission fails, a trade expires, a trade is pending, a trade has been denied, etc.
- EMTS' internal QA checks will help identify errors prior to submission.
- Allows users to identify common reporting issues and EPA to provide focused training.

What information do I need to submit to EMTS?

All EMTS requirements can be found in 40 CFR §80.1452

All information related to:

- Generate RINs
- Sell RINs
- Buy RINs
- Separate RINs
- Retire RINs

What information do I need to submit to EMTS? - Generation

Generate RINs

- Fuel (D Code) of the renewable fuel volume
- Renewable fuel production process
- Production Date
- Fuel Type (e.g. Ethanol, Biodiesel, Non-ester Renewable Diesel)
- Batch Volume
- Denaturant Volume (Ethanol only)
- RIN Quantity
- Batch Number
- Feedstock volumes
- Renewable Biomass Affirmation (as applicable)
- Co-products, for Dry and Wet Distiller grains only

What information do I need to submit to EMTS? – Sell

Sell RINs

- Fuel Category (D Code) of the renewable fuel volume
- RIN year
- RIN Quantity
- Assignment (Assigned or Separated)
- Renewable fuel batch volume included in the trade (assigned RINs only)
- Trading Partner
- Transaction Date, i.e. Product Transfer Document (PTD) date
- Price per gallon, including RINs, or RIN price
- Reason for sell (e.g. standard trade, an approved remedial action)

What information do I need to submit to EMTS? – Buy

Buy RINs

- Fuel Category (D Code) of the renewable fuel volume
- RIN year
- RIN Quantity
- Assignment (Assigned or Separated)
- Renewable fuel batch volume included in the trade (assigned RINs only)
- Trading Partner
- Transaction Date, i.e. Product Transfer Document (PTD) date
- Price per gallon, including RINs, or RIN price
- Reason for sell (e.g. standard trade, an approved remedial action)

What information do I need to submit to EMTS? – Separation

Separate RINs

- Fuel Category (D Code) of the renewable fuel volume
- RIN year
- RIN Quantity
- Renewable fuel batch volume included in the separation
- Reason for separation (e.g. blending to produce a transportation fuel, receipt as an obligated party, export of renewable fuel, etc)

What information do I need to submit to EMTS? – Retire

Retire RINs

- Fuel Category (D Code) of the renewable fuel volume
- RIN year
- RIN Quantity
- Renewable fuel batch volume (assigned RINs only)
- Reason for Retire (e.g. use for compliance, reported spill, contaminated or spoiled fuel)

How can I interact with EMTS?

Registration

Is proper registration necessary? Yes! Without an up-to-date registration, you may not be able to interact with EMTS properly or even interact at all!

- Make sure that your company is properly registered with OTAQReg: Fuels Programs Registration system accessed via CDX.
- Read the EMTS Transaction Instructions on how your EMTS capabilities may be affected based on your registration.
- Only those users with the “submitter” role in OTAQReg may perform transaction in EMTS.

How can I interact with EMTS?

Interaction Methods

There are multiple ways for a party to interact with EMTS

- EMTS Web Application
 - Wizard-like approach where EMTS will walk a user through every step to submit a transaction.
- Batch file submission
 - All transactional information provided in an XML file format.
 - EPA has developed an EMTS Conversion Tool (ECT) where a user can provide an Excel, CSV, TXT, file and the ECT will convert the file to a well formed XML file.
- File submission through the Exchange Network (Node to Node)
 - Machine to Machine
 - Allows users with internal transaction systems to directly send XML files to EMTS with very limited human interaction.

How can I interact with EMTS? Web Application

 EPA Moderated Transaction System

Organization

Submissions

Trades

Reports

RINs

Help

Generate RINs - Report Fuel

Enter the fuel (D Code), batch characteristics and quantity of RINs generated. The fuel and production process must be registered with OTAQ DC Fuels registration before reporting fuel.

Report Fuel

* Fuel (D Code):

* Production Process:

* Production Date:
(MM/DD/YYYY)

* Fuel Category:

Transaction Bin



Your organization has 0 un-submitted transactions in the transaction bin.

[View Transaction Bin](#)

1 Report Fuel

2 Report Feedstocks

3 Report Co-products

How can I interact with EMTS? Batch File Submission

MTS
EPA Moderated Transaction System

Organization Submissions Trades

Submit File

Select an XML file to submit for your organization. The file must include the EMTS validation for it to be submitted to the EMTS Node.

Identify File

* File:

Choose file

Look in: Good_Files

- BuyTransaction4327_12-4-2009-11-16-53.xml
- BuyTransaction4327_12-4-2009-11-18-9.xml
- BuyTransaction4327_12-4-2009-11-19-46.xml
- BuyTransaction40998_12-10-2009-15-54-52.xml
- GenerateTransaction40998_1-26-2010-14-35-59.xml
- GenerateTransaction40998_12-4-2009-9-45-54.xml
- GenerateTransaction40998_12-7-2009-11-59-30.xml
- GenerateTransaction40998_12-14-2009-10-48-59.xml
- GenerateTransaction40998_12-22-2009-11-41-54.xml
- RetireTransaction4327_12-4-2009-10-50-7.xml
- RetireTransaction40998_12-10-2009-15-55-9.xml
- SellTransaction40998_12-4-2009-10-35-48.xml
- SellTransaction40998_12-4-2009-12-4-2
- SellTransaction40998_12-10-
- SeparateTransaction40998_12-

My Recent Documents
Desktop
My Documents
My Computer
My Network Places

Type: XML Document
Date Modified: 12/4/2009 9:45 AM
Size: 2.60 KB

File name: GenerateTransaction40998_12-14-2009-10-48-59.xml
Files of type: All Files (*.*)

How do I sign up for EMTS?

First, read the EMTS Getting Started Guide and EMTS User's Guide

- EMTS testing is available for all users who are currently registered as submitters with our CDX Fuels Programs Registration Application (OTAQReg).
- All other participants in RFS and EMTS must first create a free CDX account and complete a user registration in the Fuels Programs Registration Application (OTAQReg).
- The EMTS web application can be accessed via a user's MyCDX page after their registration has been approved.
- For information on how to test EMTS prior to July 1, 2010, please visit the EMTS webpage at <http://www.epa.gov/otaq/fuels/renewablefuels/epamts.htm>

What else do I need to know?

- All transactions (generate, separate, sell, buy, and retire) must be submitted to EMTS within 5 business days of the transaction date (i.e. PTD date).
- EMTS will provide reports for review and certification by a company's Responsible Corporate Officer (RCO) on a quarterly basis for all parties who owned RINs in a quarter.
- All parties with RFS2 RIN-related responsibilities must use EMTS starting July 1, 2010.
- All RFS1 RINs will continue to be traded as they currently do under RFS1 rules. EMTS will not offer an import mechanism for RFS1 RINs

Questions?

- For more information:
 - EPA EMTS webpage contains tutorials, webinars, and recorded presentations.
 - <http://www.epa.gov/otaq/fuels/renewablefuels/epamts.htm>
 - For technical support, please contact the EMTS Technical Support Line:
 - emts-testing@pqa.com
 - 1-800-385-6164
 - For regulatory/registration support, please contact the EPA Fuels Programs Support Line:
 - EPAFuelsPrograms@epa.gov
 - 1-202-343-9755