

Release Notes for EMTS v8.0

Release Date: June 21, 2024

Introduction

The EPA Moderated Transaction System (EMTS) version 8.0 includes new functionality in support of the Biogas Regulatory Reform Rule (BRRR). BRRR requires parties that produce biogas, renewable natural gas (RNG), renewable compressed natural gas (renewable CNG), or renewable liquified natural gas (renewable LNG) to report specific information related to biogas production and use under the Renewable Fuel Standard (RFS) program. The EPA uses EMTS to track and report biogas batch production and the production of RNG, renewable CNG, and renewable LNG.

The EMTS XML schema has been modified in compliance with the new BRRR rule. EMTS XML Schema v3.5 is available at [Submission Schema for RIN and Credit Transactions in the EPA Moderated Transaction System \(EMTS\) | US EPA](#).

An updated Excel Reporting Template can be found here: [Template for Converting MS Excel Files to XML in the EPA Moderated Transaction System \(EMTS\) | US EPA](#).

For additional information about EMTS functionality, refer to the EMTS User's Guide here: [User's Guide for the EPA Moderated Transaction System \(EMTS\) | US EPA](#) or contact EMTS Technical Support at fuelsprogramsupport@epa.gov.

Functionality for Biogas Producers to Generate and Transfer Biogas Tokens in EMTS:

With EMTS v8.0, parties will use Biogas Tokens to demonstrate production of biogas and use of biogas (primarily in production of RNG, renewable CNG and renewable LNG).

- Biogas Producers must have registered their company and facilities in the OTAQ Registration system (OTAQReg).
- Biogas Producers must submit Biogas Generate transactions to generate token batches monthly.
- Biogas Producers will be able to submit Biogas Sell transactions to transfer token batches to RIN generating and non-RIN generating Renewable Fuel Producers (RFPs).
- Biogas Producers must have registered their associations with these RFPs in OTAQReg.

- Biogas Generate and Sell transactions can be submitted by using the web wizard or by submitting an XML file via the node.
- Biogas Producers will be required to make use of CDX CROMERR services to sign a Copy of Record (COR) for the Biogas transactions that have been submitted for their company. Users can select a frequency for the preparation and signing of the CORs for their company. Note that the E-Signature functionality is available for users with a signed Electronic Service Agreement (ESA) only. Users without a signed ESA will continue to be able to use the previously existing features of EMTS but will need to sign and submit their CORs manually.

New pathways with Biogas Feedstocks available for RFPs

EMTS requires new pathways and fuel category codes to provide information required by BRRR.

- New fuel category codes have been created for compliance with the new BRRR rule:
 - 195 for Renewable Compressed Natural Gas (CNG),
 - 205 for Renewable Liquefied Natural Gas (LNG), and
 - 215 for Renewable Natural Gas (RNG).
- New pathways have been created for the new fuel category codes.
- RFP producers who generate RNG, renewable CNG or renewable LNG must register for the new pathways in OTAQReg.
- Pre-existing pathways for renewable CNG and renewable LNG will be grandfathered until a later date **(TBD by the EPA)**.

Functionality for RFPs and Importers to obtain and transfer biogas tokens

EMTS requires parties to Buy and Sell Biogas Tokens to demonstrate use of biogas either in production of renewable fuel or as an importer.

- RIN and non-RIN generating RFPs will be able to submit Biogas Buy transactions to acquire Biogas token batches.
- Non-RIN generating RNG producers will be able to submit Biogas Sell transactions to transfer Biogas Token Batches to Importers.
- RNG Importers will be able to submit Biogas Buy transactions to acquire Biogas token batches.
- Biogas Buy and Sell transactions can be submitted by using the web wizard or by submitting an XML file via the node.
- Biogas Buy and Sell transactions will be included in the company's COR report.

Modifications to RIN Generate transactions for new Biogas pathways

EMTS requires information about Biogas when creating RINs.

- The RIN Generate transaction for the new Biogas pathways contains enhanced information about the Biogas feedstocks, including the quantity of Biogas tokens being retired.
- The XML schema, the Generate Transaction data entry screen, and the Excel Reporting Template have been modified to contain the new fields.
- The enhanced feedstock information will be included in the company's COR report.

Modifications to RIN Separate transactions for RNG-generated RINS

EMTS requires parties that wish to separate fuel from RNG RINs to provide additional information.

- RINs that are generated for RNG are given a new Assignment Code of 3 (to denote that the RINs are assigned to RNG and allow RNG-specific processing in EMTS).
- RINs with Assignment Code 3 can only be separated by a company that has registered a RNG RIN Separator business activity in OTAQReg.
- The RIN Separate transaction contains additional information for Assignment Code 3.
- The XML schema, the Separate Transaction data entry screen, and the Excel Reporting Template have been modified to contain the new fields.
- The additional information will be included in the company's COR report.

EMTS Application will display token holdings and pending trades

- A new token holdings page has been created to display the quantity of tokens and batches of biogas owned by each Biogas Producer, RFP, and Importer.
- EMTS also will display pending trades. Details of pending received or pending initiated token trades are displayed on the Review Token Trades screen.