

## RFS2 Renewable Fuel Producers – Cellulosic Converted Fraction (Report Form ID: RFS1700): Instructions for Completing

### Who must report

- Producers generating D code 3 or 7 RINs for cellulosic biofuel other than biogas-derived renewable fuel, and that was produced from two or more feedstocks converted simultaneously, at least one of which has less than 75% average adjusted cellulosic content, and using a combination of processes or a process other than a thermochemical process, must report.

### Reporting requirements

- Producers must complete this report representing all required elements calculated as a single entry for the compliance period.
- §80.1451(b)(1)(ii)(U) sets forth the additional reporting requirements available at: [https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-80/subpart-M/section-80.1451#p-80.1451\(b\)\(1\)\(ii\)\(U\)](https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-80/subpart-M/section-80.1451#p-80.1451(b)(1)(ii)(U))
  - Producers must enter a separate report line for each calculation consistent with the RIN generation and feedstock energy value calculations shown at §80.1426(f)(3)(vi).
- Producers must calculate this information on an annual basis or within 10 business days of generating every 500,000 gallons of cellulosic biofuel, whichever is more frequent, and report quarterly.
- The feedstock energy value formula is calculated as:
  - $FE_{DX,i} = M_i * (1 - m_i) * CF_i$
  - Where:
    - $FE_{DX,i}$  = The amount of energy from feedstock i that forms energy in the renewable fuel and whose pathway has been assigned a D code of X, in Btu.
    - $M_i$  = Mass of feedstock i, in pounds, measured on a daily or per-batch basis.
    - $m_i$  = Average moisture content of feedstock i, as a mass fraction.
    - $CF_i$  = Converted fraction in annual average Btu/lb, except as otherwise provided by § 80.1451(b)(1)(ii)(U), representing that portion of feedstock i that is converted to fuel by the producer.
- Required fields and NA values** – Certain report fields or parameters may be specific to select product types. If a report field does not apply to the reported batch, enter the value “NA”. Do not leave the field blank.

### Reporting deadlines

- Producers shall report on a quarterly basis:

Production Calendar Quarter	Time Period Covered	Quarterly Report Deadline
Quarter 1	January 1 – March 31	June 1
Quarter 2	April 1 – June 30	September 1
Quarter 3	July 1 – September 30	December 1
Quarter 4	October 1 – December 31	March 31

### How to submit reports

- EPA maintains report templates, electronic submission procedures and additional support options at <https://www.epa.gov/fuels-registration-reporting-and-compliance-help/reporting-fuel-programs>

### Field Instructions

Field No.	Field Name	Units	Field Formats, Codes & Special Instructions
1.	Report Form ID		<b>AAAAAA</b> ; <i>Character</i> . Enter <b>REPORT FORM ID: RFS1700</b>
2.	Report Type		<b>A</b> ; <i>Character</i> . Specify if the data submitted in this report is original or if it is being resubmitted. Submit only one original report; any corrections or updates should be marked as a resubmission. <b>O</b> = Original <b>R</b> = Resubmission
3.	CBI		<b>A</b> ; <i>Character</i> . Specify if the data contained within the report is claimed as Confidential Business Information (CBI) under 40 CFR Part 2, subpart B: <b>Y</b> = Confidential Business Information <b>N</b> = Non-Confidential Business Information
4.	Report Date		<b>MM/DD/YYYY</b> ; <i>Character</i> . Enter the date the original or resubmitted report is created.
5.	Compliance Period Year		<b>YYYY</b> ; <i>Character</i> . Enter the averaging/compliance year the report covers.
6.	Compliance Period Quarter		<b>AA</b> ; <i>Character</i> . Enter the quarter under the compliance year this report covers.  <b>Q1:</b> January 1 – March 31 <b>Q2:</b> April 1 – June 30 <b>Q3:</b> July 1 – September 30 <b>Q4:</b> October 1 – December 31
7.	Company ID		<b>AAAA</b> ; <i>Character</i> . Enter the EPA assigned four-character ID for the renewable fuel producer.
8.	Facility ID		<b>AAAAA</b> ; <i>Character</i> . Enter EPA-assigned five-character ID for the renewable fuel production facility.
9.	Feedstock information		<b>AAAAA...;</b> <i>Character (50 character limit)</i> : Enter a short description of the cellulosic feedstock for which the converted fraction value was calculated (e.g., corn kernel fiber).
10.	Calculation date		<b>MM/DD/YYYY</b> ; <i>Character</i> . Enter the date the converted fraction value was calculated.
11.	Mass of Feedstock - Aggregation Level as Date		<b>MM/DD/YYYY</b> ; <i>Character</i> : If the feedstock energy value was calculated on a daily basis, enter the date for each production date. Otherwise enter “NA”.

Field No.	Field Name	Units	Field Formats, Codes & Special Instructions
12.	Mass of Feedstock - Aggregation Level as Batch		<b>AAAAAA</b> ; <i>Character</i> : If the feedstock energy value was calculated on a batch-by-batch basis, enter the producer defined batch ID representing the batch. Otherwise enter "NA".
13.	Mass of feedstock	pounds	<b>999999999999</b> ; <i>Number</i> . Enter the total quantity of feedstock that was used for renewable fuel production over the period between when the last converted fraction was calculated and when this converted fraction was calculated.
14.	Average moisture content of feedstock	Mass fraction	<b>9.999</b> ; <i>Number</i> . Enter the average moisture content of the feedstock to three decimal places over the period between when the last converted fraction was calculated and when this converted fraction was calculated.
15.	Converted Fraction	Btu/lb	<b>9999999999</b> ; <i>Number</i> . Enter the Converted Fraction that was calculated on an annual basis or within 10 business days of generating every 500,000 gallons of cellulosic biofuel, whichever is more frequent, to three decimal places.
16.	Comments		<b>AAAAA...;</b> <i>Character (500 character limit)</i> : Optional, enter any comments or other supporting information regarding the reported information.

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