U.S. DEPARTMENT OF ENERGY

40BSAF-GREET

Frequently Asked Questions

April 2024

Introduction

40BSAF-GREET is the model that has been adopted by the U.S. Department of the Treasury to determine emissions rates for purposes of the Sustainable Aviation Fuel Credit under Title 26 of the U.S. Code, Section 40B. The 40BSAF-GREET 2024 user manual describes the methodology used by 40BSAF-GREET 2024 to calculate life cycle greenhouse gas (GHG) emissions of sustainable aviation fuel (SAF) production under a well-to-gate system boundary and provides instructions on how the model should be used. The 40BSAF-GREET 2024 user manual provides instructions on use of the model.

Frequently asked questions (FAQ) and answers in this document pertain only to use of the 40BSAF-GREET model. Questions about the 40B tax credit and eligibility for the tax credit should be directed to the Internal Revenue Service.

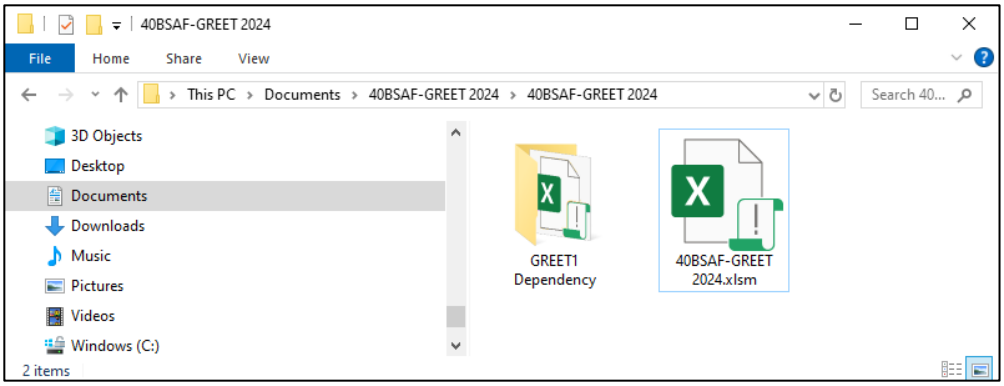
FAQs will be updated on a continual basis. If you have questions about use of the 40BSAF-GREET model, visit the GREET website for contact information.

Frequently Asked Questions

1. **Do I need to open GREET1_2023_Rev1.xlsm in the "GREET1 Dependency" folder?**

   Users should only open the "40BSAF-GREET2024" Excel file. The macros will take care of opening and setting up the link between the two files.

2. **Do I need to move "GREET1_2023_Rev1.xlsm" out of the "GREET1 Dependency" folder?**



   Extracting the "40BSAF-GREET2024" zip file creates a "40BSAF-GREET2024" Excel file and a "GREET1 Dependency" folder, which contains "GREET1_2023_Rev1.xlsm." Please do not move the "GREET1_2023_Rev1.xlsm" out of the "GREET1 Dependency" folder.

3. **Can I rename the files and folders located in the "40BSAF-GREET 2024" folder?**

   We do not recommend changing the names of any files or folders that are part of the unzipped file system, especially the "GREET1 Dependency" folder and "GREET1_2023_Rev1.xlsm" Excel file.

4. **Can I replace "GREET1_2023_Rev1.xlsm" with an older GREET file?**

   Please do not replace "GREET1_2023_Rev1.xlsm" that comes with the zip file. Doing so may cause errors and inconsistent results.

5. **"40BSAF-GREET2024.xlsm" does not allow me to enter process information and no error messages are observed. What is the issue?**

   This could be due to several reasons:

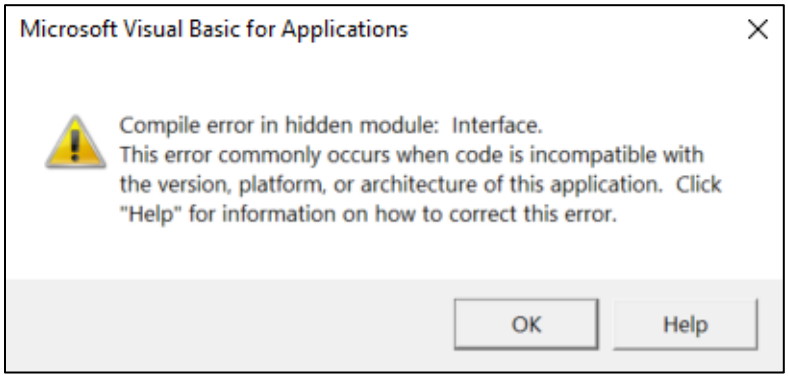
   i. Please ensure that "40BSAF-GREET2024.xlsm" and the "GREET1 Dependency" folder have been extracted into a local drive (e.g., C: or D: drive) and are being run from that drive. The security settings in some cloud drives (e.g., OneDrive) may prevent the execution of macros, so ensure that the folder where "40BSAF-GREET 2024.xlsm" is saved does not back up to a cloud drive. Close all open instances

of “40BSAF-GREET 2024.xlsm” and “GREET1_2023_Rev1.xlsm” before trying again.

ii. Please verify that both “40BSAF-GREET2024.xlsm” and the “GREET1_2023_Rev1.xlsm” (located in the “GREET1 Dependency” folder) are unblocked and macros are enabled (See FAQ 9). Close all open instances of “40BSAF-GREET 2024.xlsm” and “GREET1_2023_Rev1.xlsm” before trying again.

iii. Please ensure that another file with the filename “GREET1_2024_2023_Rev1.xlsm” is not open. This will prevent “40BSAF-GREET 2024.xlsm” from opening “GREET1_2023_Rev1.xlsm” required to run its calculations. We recommend closing both files and then opening “40BSAF-GREET 2024.xlsm” again.

6. **After I put my data into “40BSAF-GREET 2024.xlsm” and click the “Calculate” button, Excel displays the popup error: “Compile error in hidden module: Interface.” Why am I receiving this error message?**



This is because the initial version of “40BSAF-GREET 2024” was designed for the 64-bit version of Office 365, and the user is using the 32-bit version. The latest currently available version of “40BSAF-GREET 2024” is compatible with both the 32-bit and 64-bit versions.

7. **I get the error message: “Could not find the GREET_2023_Rev1.xlsm workbook.” Why am I receiving this error message?**

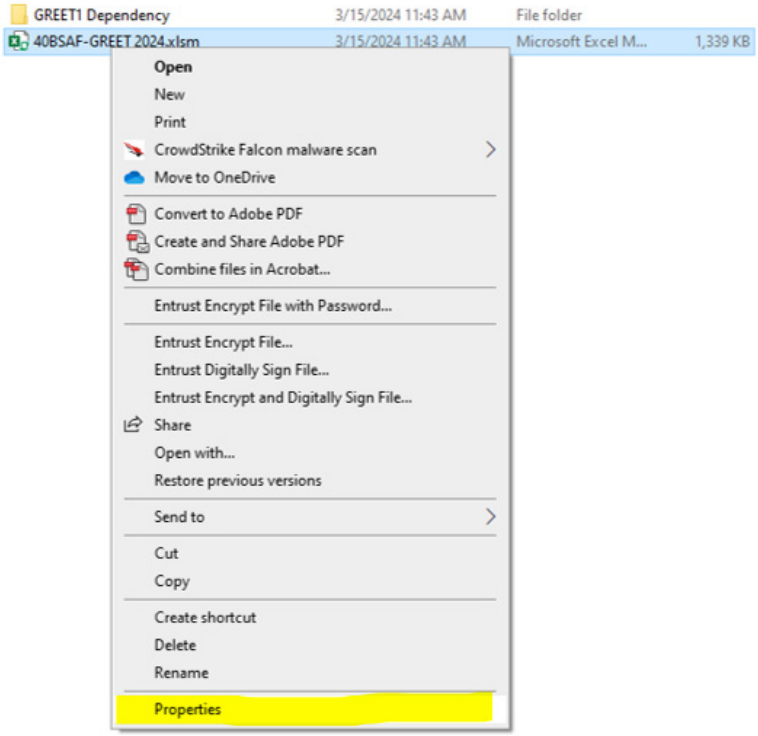
This error is due to the Excel macro not being able to locate “GREET1_2023_Rev1.xlsm” in the “GREET1 Dependency” folder. Please ensure that “40BSAF-GREET 2024.xlsm” and the “GREET1 Dependency” folder are in the same folder and that “GREET1_2023_Rev1.xlsm” is in the “GREET1 Dependency” folder. In addition, verify that the file and folder names are correctly named.

8. **After putting all my process data into "40BSAF-GREET2024.xlsm," clicking "Calculate" results in "#NAME?" errors. Why am I seeing these errors?**

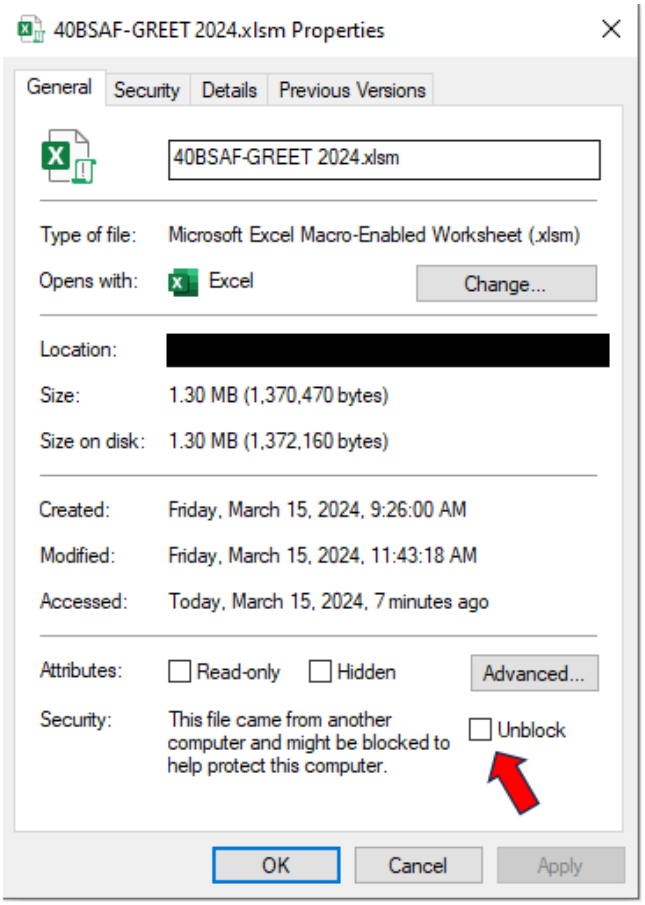
   Please ensure that the Excel version being used is Microsoft 365 or Microsoft Excel 2021. "40BSAF-GREET 2024" is not compatible with older versions of Microsoft Excel (Excel 2019, Excel 2016, etc.).

9. **Upon opening "40BSAF-GREET 2024.xlsm," I see the banner message: "Microsoft has blocked macros from running because the source of this file is untrusted." How do I address this?**

   To correct for this issue, a user must "unblock" "40BSAF-GREET 2024.xlsm." To do so, the user should right click on the xlsm file and select "Properties."



   At the bottom of the "General" tab under "Properties," the user should click in the "Unblock" box, then select "Apply." Reopen "40BSAF-GREET 2024.xlsm," and the Security Risk banner should no longer appear.


40BSAF-GREET 2024.xlsm Properties
General
Security
Details
Previous Versions
40BSAF-GREET 2024.xlsm
Type of file:
Microsoft Excel Macro-Enabled Worksheet (.xlsm)
Opens with:
Excel
Change...
Location:
Size:
1.30 MB (1,370,470 bytes)
Size on disk:
1.30 MB (1,372,160 bytes)
Created:
Friday, March 15, 2024, 9:26:00 AM
Modified:
Friday, March 15, 2024, 11:43:18 AM
Accessed:
Today, March 15, 2024, 7 minutes ago
Attributes:
Read-only
Hidden
Advanced...
Security:
This file came from another computer and might be blocked to help protect this computer.
Unblock
OK
Cancel
Apply

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For more information, visit energy.gov/eere/greet

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