

Updated 45ZCF-GREET Model Changes

Summary

WHAT:	Summary: updated 45ZCF-GREET Model changes, September 2026
WHEN:	Released Tuesday, September 8, 2026
REGARDING:	Updated 45ZCF-GREET model , 45Z model Log of Changes , 45Z User Manual , 45Z model FAQ
EFFECTIVE DATE:	September 8, 2026
PURPOSE:	45ZCF-GREET is designed to determine emissions rates under the Clean Fuel Production Credit, Section 45Z of the Internal Revenue Code. The 45ZCF-GREET User Manual describes how 45ZCF-GREET characterizes life cycle greenhouse gas emissions of approved transportation fuel production pathways and provides instructions on how the model should be used.

Key Changes to the Sept. 2026 45ZCF-GREET Model

- Incorporates the 45Z FD-CIC to be used for calculating intensity adjustments for feedstocks produced using regenerative agriculture practice
- For pathways that include the option for feedstocks that are produced with regenerative agricultural practices, units for user inputs for feedstock amounts have been revised for consistency with 45ZCF FD-CIC
- Renames 'Distillers Corn Oil (DCO)' to 'Distillers Corn Oil/Distillers Sorghum Oil (DCO/DSO)' to clarify that this feedstock may be either or a blend of both
- Updates categories for imported used cooking oil (UCO) as a feedstock in 2025 to align with most recent clarifications regarding 45Z eligibility
- Adds a user input for other imported or not modeled oils as feedstock for Transesterification of mixed oils pathway and HEFA of mixed oils pathway
- For certain pathways (ethanol), the model adds user inputs for facilities operating integrated natural gas combined heat and power (CHP) systems for on-site electricity

production and now allows facilities the ability to offset those electricity emissions by purchasing environmental attribute credits (EACs)

- Added pathway for Renewable Natural Gas (RNG) from food scraps via anaerobic digestion and upgrading
- Added pathway for RNG from corn stover via anaerobic digestion and upgrading
- Added pathway for RNG from grain stillage via anaerobic digestion and upgrading
- Added pathway for RNG from mixed high-moisture organic wastes via anaerobic digestion and upgrading