

From: Short, Toby S
Sent: Thu, 22 May 2025 15:47:54 +0000
To: Hrkman, Lou (Louis)
Subject: [EXTERNAL] Re: GREET Model
Attachments: image001.png

Really appreciate it! Will let you know.

Toby S. Short

Federal Government Relations

ExxonMobil

(b) (6)

On May 22, 2025, at 11:44 AM, Hrkman, Lou (Louis) <lou.hrkman@ee.doe.gov> wrote:

Toby,

Wanted to let you know that we published the hydrogen GREET model updates (new file links) to the webpage here: <https://www.energy.gov/eere/greet>.

We still haven't made a public announcement/release due to sequencing on messaging, but that should follow shortly. I believe everything you asked for is in the updated version. If not, please let me know ASAP.

Thanks

LOU

Lou Hrkman

Principal Deputy Assistant Secretary

Office of Energy Efficiency and Renewable Energy

U.S. Department of Energy

1000 Independence Ave, SW

Washington, DC , 20024

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From: Short, Toby S <(b) (6)>
Sent: Monday, April 28, 2025 5:03 PM
To: Hrkman, Lou (Louis) <lou.hrkman@ee.doe.gov>
Subject: [EXTERNAL] RE: GREET Model

Lou – I hope this finds you well and that you had a good weekend. Just wanted to see if there was anything new on publication of the 45VGREET model. I know y'all have been working to get it out, just wanted to make sure we hadn't missed anything.

Thanks,

Toby

From: Hrkman, Lou (Louis) <lou.hrkman@ee.doe.gov>
Sent: Monday, April 21, 2025 4:37 PM
To: Short, Toby S <(b) (6)>
Subject: RE: GREET Model

Toby,

We are in the midst of putting out a press release and additional information. Please have your experts confirm the changes you asked for have been implemented, and you can use the model. I've asked several times but would love confirmation from industry. Below is what should have been implemented:

April 2025 Model and Supporting Documentation

Updates in April documentation include:

- Description of the manner in which users may account for bespoke information (i.e., foreground data) to represent specific aspects of their natural gas supply chain.

January 2025 Model and Supporting Documentation

Updates in January documentation include:

- Description of electricity inputs that can be simulated for high-temperature electrolysis.
- Description of the ability to represent steam co-product for facilities that use reformers with cryogenic carbon capture and sequestration (CCS).
- Description of the revised approach to account for impurities and mixed gases, in alignment with the 45V Final Regulations.
- Description of the grid regions represented in the model, based on the 45V Final Regulations.
- Description of methane feedstock (renewable natural gas (RNG) from manure, RNG from wastewater treatment plants, upgraded coal mine methane) added to the model.
- Description of the manner in which CCS rates must be determined for natural gas turbines used for power generation.
- Description of the manner in which sub-annual accounting may be conducted in 2030.

Thanks
LOU

Lou Hrkman

*Principal Deputy Assistant Secretary
Office of Energy Efficiency and Renewable Energy*

**U.S. Department of Energy
1000 Independence Ave, SW
Washington, DC , 20024**

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From: Short, Toby S <(b) (6)>
Sent: Monday, April 21, 2025 9:20 AM
To: Hrkman, Lou (Louis) <lou.hrkman@ee.doe.gov>
Subject: [EXTERNAL] GREET Model

Lou – I hope this finds you well and that you had a relaxing weekend. Wondered if there are any updates to the publication on the new 45VGREET model. Y'all's staff have been great to work with on this and we're looking forward to seeing the end product.

Appreciate all y'all are doing and hope to talk soon,
Toby

Toby S. Short
Senior Director, Federal Government Affairs

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