

**From:** Hrkman, Lou (Louis)  
**Sent:** Thu, 22 May 2025 15:45:23 +0000  
**To:** Marnie.Funk@shell.com  
**Subject:** RE: Shell proposed improvements to the 45V GREET model

Marnie,  
 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:** Marnie.Funk@shell.com <Marnie.Funk@shell.com>  
**Sent:** Wednesday, April 30, 2025 10:36 AM  
**To:** Hrkman, Lou (Louis) <lou.hrkman@ee.doe.gov>  
**Subject:** [EXTERNAL] FW: Shell proposed improvements to the 45V GREET model

Hi Lou,

Hope you are well. Can you help me get Shell's input on the next 45vGREET model (attached) into the right hands fairly quickly? In late February, Steve Winberg had asked Shell and others for any fixes we could recommend that would make 45v more workable for the sector. I sent this to Steve three weeks ago, then to Shawn Whitman two weeks ago (per below.) Didn't get a response back. I am hearing the update may be coming from DOE soon. As I haven't heard from DOE, I am not sure our inputs made it to the right hands – assume Argonne team is drafting? Can you help me get this to the right team -- and maybe drop me a note to let me know that has happened so I can assure the business. 😊

Thank you in advance for any help you can provide.

Best,  
 Marnie Funk

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**From:** Funk, Marnie SHLUSA-CRA/U  
**Sent:** Thursday, April 17, 2025 1:50 PM  
**To:** [shawn.whitman@hq.doe.gov](mailto:shawn.whitman@hq.doe.gov)  
**Cc:** Rick Dearborn <[rdearborn@mindsetdc.com](mailto:rdearborn@mindsetdc.com)>  
**Subject:** Shell proposed improvements to the 45V GREET model

Hi Shawn,

I hope you are well and enjoying your critically-important DOE role. We are thrilled and grateful to have your expertise at DOE!

Shell was part of a coalition that met with former Acting Under Secretary Steve Winberg about a month ago. He asked for a list of improvements to the next iteration of the 45v GREET model that could make the model more workable for the oil and gas sector. Shell teams identified five fixes that could improve the model. We requested a DOE meeting to share these ideas directly - but haven't heard back.

I understand the next iteration of the 45V GREET is imminent. Please find attached the five improvements Shell recommends. Could you please provide these to the team leading the work on the next iteration. We would welcome a conversation to discuss these and answer any questions if that works for the team.

Regards,  
Marnie Funk  
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**Marnie Funk | Lead, Climate, Energy Transition, U.S. Corporate Relations | SHELL | 1050 K Street, NW Suite 700 | Washington, DC 20001 | Mobile:** (b) (6)

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