

Ex Parte Communication Report

Date:

To: Public Ex Parte Communication File

Docket No:

Case Name:

From: PUC Staff:

RE: Permissible Ex Parte Communications Pursuant to Minn. Rules, Part 7845.7400.

1. Type of communication: (Oral or Written)

If written, attach the document.

If oral, Date:

Time:

NOTE: In both instances, please notify the Maker the communication has been submitted for inclusion in the record.

2. Maker of the Communication:

3. Recipient of the Communication:

4. For communications involving the setting of interim rates or the review of compliance filings, the topic was:

5. For all other permissible communications that are prohibited for the Commissioners under Minn. Rules, part 7845.7200, the substance of the communication was:

6. For oral permissible ex parte communications, has a copy of this memo been sent to the assigned Administrative Law Judge? Yes No N/A

(Name and Date)



Re: Question on hourly production in modeling files

From Winner, Danielle (PUC) <danielle.winner@state.mn.us>

Date Tue 7/15/2025 3:05 PM

To Zwick, Ari (COMM) <Ari.Zwick@state.mn.us>; Rakow, Stephen (COMM) <stephen.rakow@state.mn.us>

Cc Lieb, Sydnie (She/Her/Hers) (COMM) <Sydnie.Lieb@state.mn.us>

Thank you so much, Ari, I really appreciate it.

-Danielle

From: Zwick, Ari (COMM) <Ari.Zwick@state.mn.us>

Sent: Tuesday, July 15, 2025 3:03 PM

To: Winner, Danielle (PUC) <danielle.winner@state.mn.us>; Rakow, Stephen (COMM) <stephen.rakow@state.mn.us>

Cc: Lieb, Sydnie (She/Her/Hers) (COMM) <Sydnie.Lieb@state.mn.us>

Subject: RE: Question on hourly production in modeling files

Hi Danielle,

Please see our answers below in red. I'm happy to answer any follow up questions.

Ari Zwick (*he/him*)

Public Utilities Rates Analyst

Division of Energy Resources

Ari.Zwick@state.mn.us | 651-539-1675

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From: Winner, Danielle (PUC) <danielle.winner@state.mn.us>

Sent: Tuesday, July 15, 2025 12:40 PM

To: Rakow, Stephen (COMM) <stephen.rakow@state.mn.us>; Zwick, Ari (COMM) <Ari.Zwick@state.mn.us>

Cc: Lieb, Sydnie (She/Her/Hers) (COMM) <Sydnie.Lieb@state.mn.us>

Subject: Question on hourly production in modeling files

Hi Steve and Ari-

Hope you are doing well. I have a modeling question for you on CFS. I am going to be filing this email chain as permissible ex parte communication in the CFS Docket.

1. Do the EnCompass-using utilities who file IRPs with the Commission use 8760 production profiles for new, generic wind and solar resources?

The 4 utilities using EnCompass create 8760 profiles for new, generic wind and solar resources.

2. If yes, do you know how those production profiles are created? Are they forecasted, or do they simply repeat the same weekly data? Or something else?

The Department is not specifically aware of how the 4 utilities create the profiles; some utilities provide an overview of this topic and some do not. However, the Department understands that the profiles are “generic” in that they do not represent any one existing unit. The profiles are typically for a single year, with all 8760 hours forecasted separately. This means no data is repeated within a year. Then the entire yearly profile is repeated each year the generic unit is in-service.

In past resource plans the Department has compared profiles of generic units to profiles of existing units within a resource plan; when issues appear they are pursued.

Finally, the stochasticity of generation profiles is not adequately captured in a one-year annual generation profile, which undervalues storage resources during periods of high or low generation.

Any information you can provide would be much appreciated.

Thank you so much for your help,

Danielle Winner

Rates Analyst | Economic Analysis Unit

Pronouns: She/Her

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