

■ MP273 'User Demand and Network Traffic Insights'

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MEDIUM

Objectives of the Working Group

REVIEW

The Proposed Solution

AGREE

The next steps

Overview

- Following the implementation of [MP116 'Service Request Forecasting'](#) the SEC does **not** currently place any obligation on DCC Users to provide demand assumptions or share details of their future or upcoming traffic demands.

Issue



- A DCC User could significantly increase network demand with little or no notification to the DCC risking the performance of the network.

Impact



- Implement a SEC obligation on DCC Users to provide quarterly insights and plans relating to their forecast traffic including new use cases, increased roll out, and innovations.

Potential Solution



Submission process

1. Collect basic info

DCC Demand Insights - Quarterly Submission

Hi, Paul. When you submit this form, the owner will see your name and email address.

1. Contact name

Enter your answer

2. Contact email

Enter your answer

3. Which DCC User are you representing?

Enter your answer

2. Filter out low users

4. Will your anticipated usage on the DCC Network be greater than [TBC] Service Requests per month at any point over the next 12 months?

☐ Yes

☒ No

Submit

Low users (threshold to be agreed at TABASC & OPSG) do not have to complete the form

3. Check for material changes

5. Do you anticipate any significant changes in demand (+/-10%) on the DCC Network over the next 12 months compared to your previous submission?

☐ Yes

☒ No

6. Have you identified any new use cases for the DCC Network?

☐ Yes

☒ No

Submit

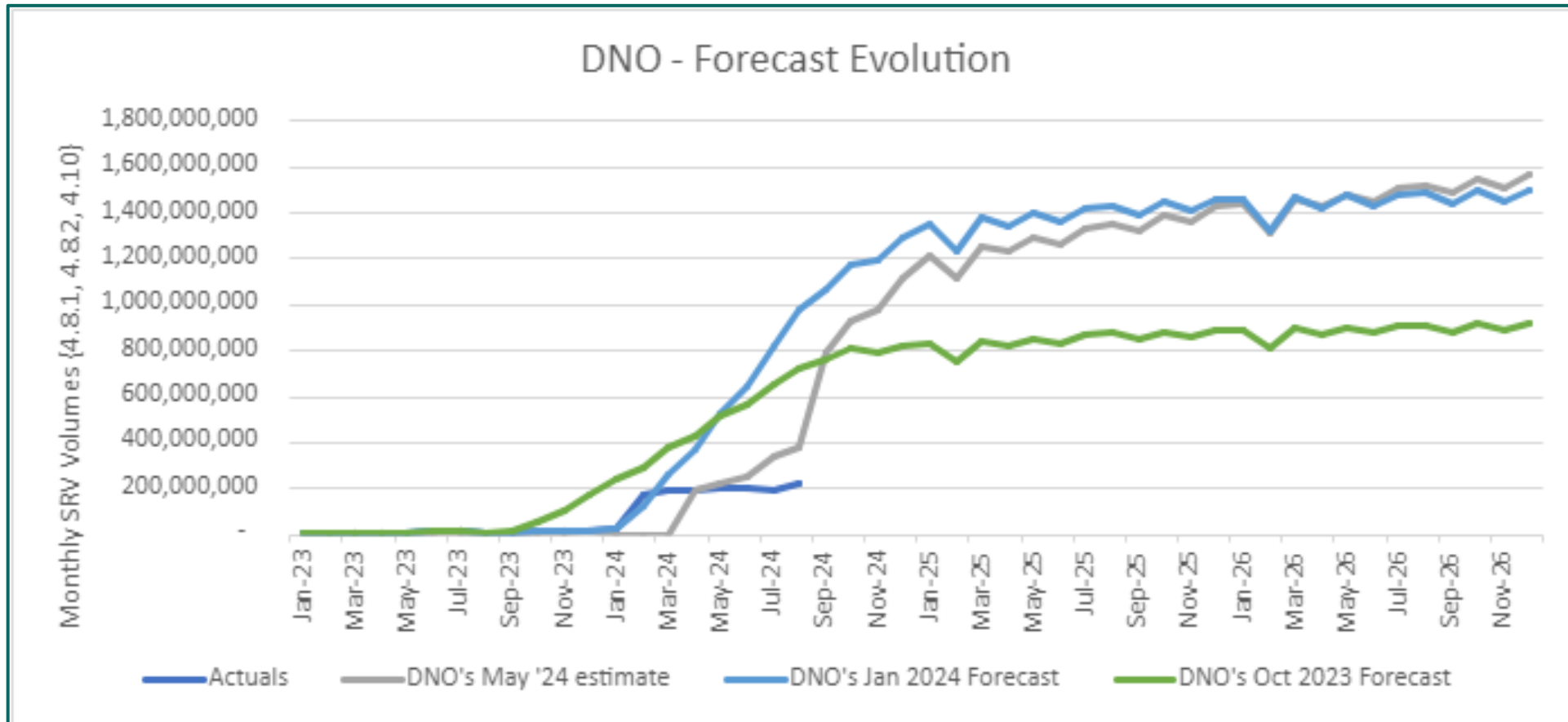
If no significant (+/-10%) changes in demand and no new use cases anticipated then no requirement to complete the form

SEC
Smart Energy Code

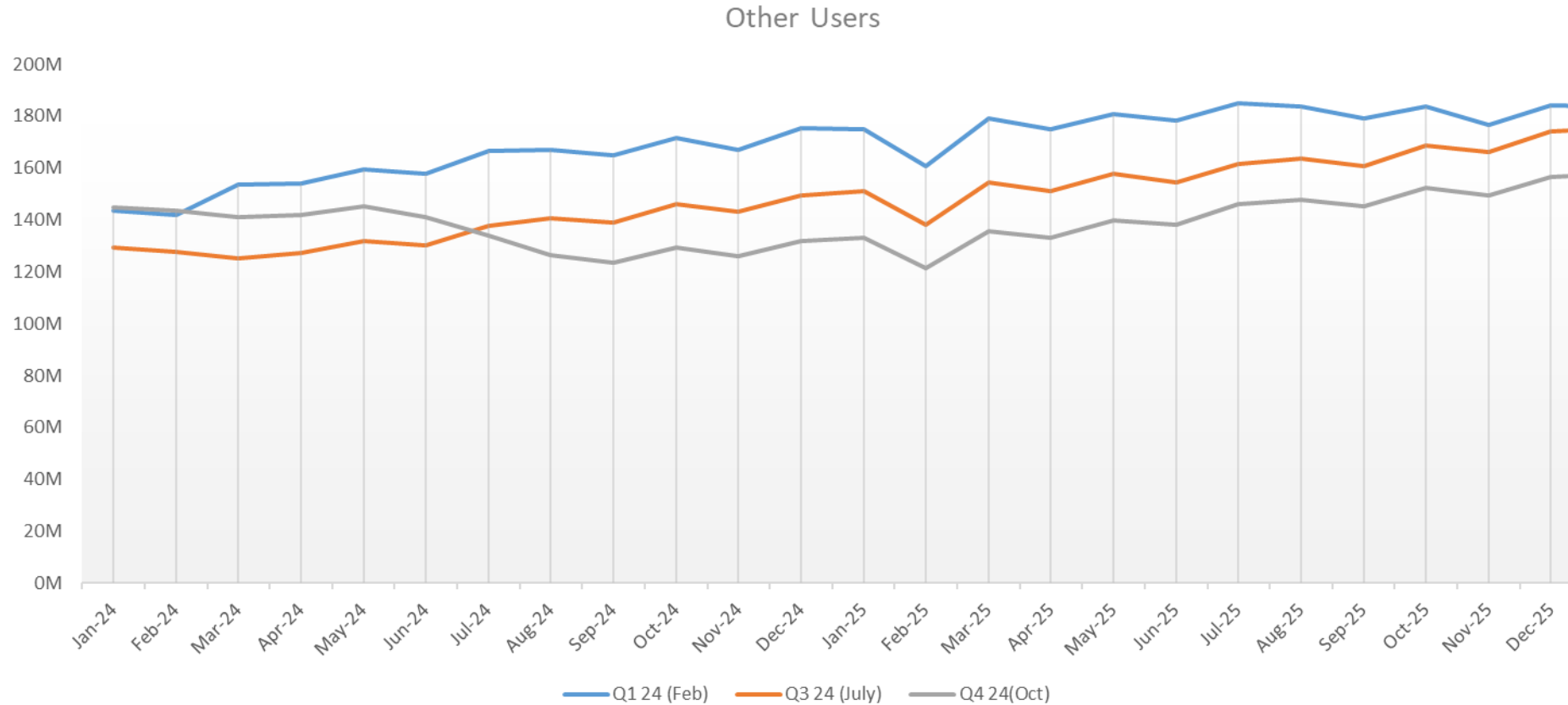
5. Template for further detail

[illegible]

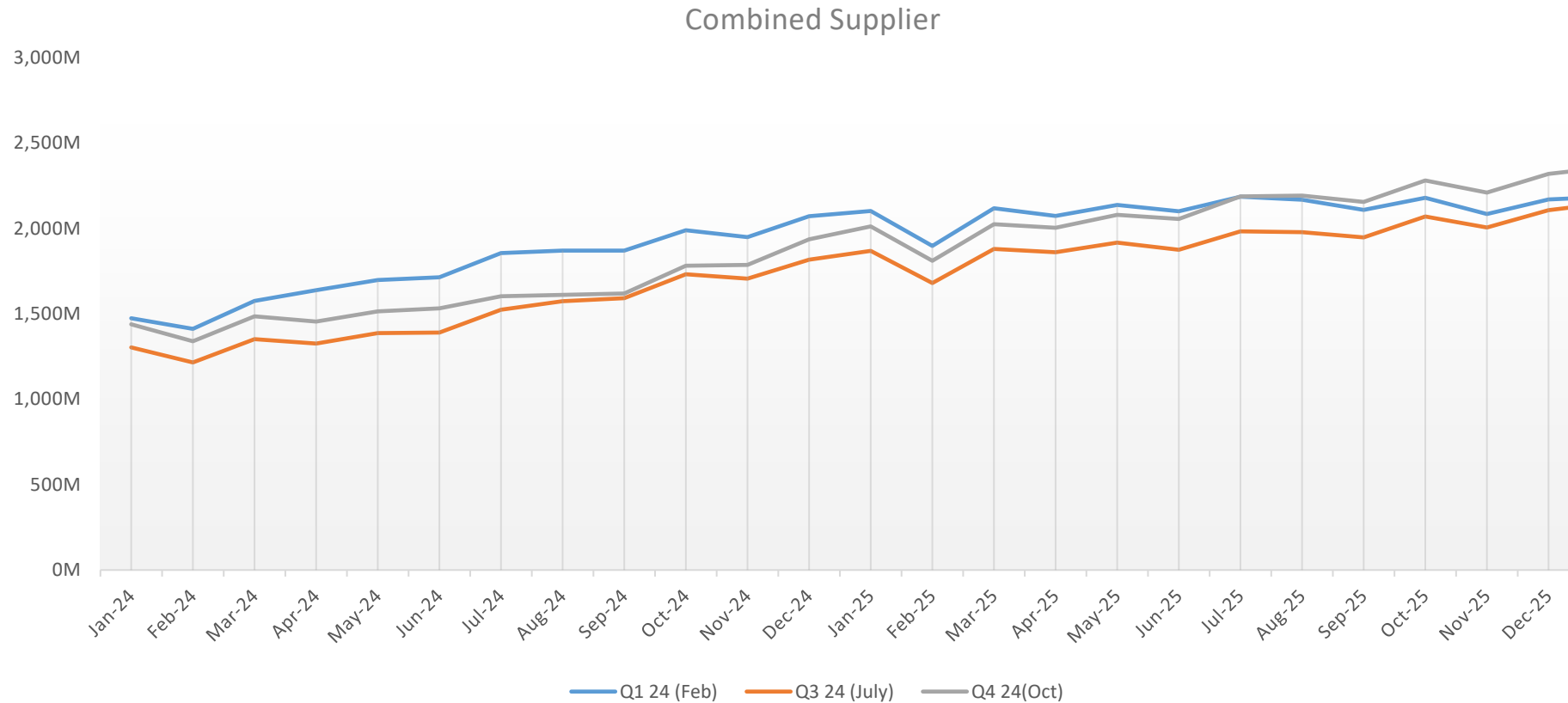
■ Current forecasting challenges



■ DP273: Current forecasting challenges



DP273: Current forecasting challenges



■ Proposed Solution

Proposed Solution

- Implement a SEC obligation on DCC Users to provide quarterly insights and plans relating to their forecast traffic including new use cases, increased roll out, and innovations.
- Introduction of a standardised Microsoft forms template.
- DCC would require users to provide lead-times for increased levels of usage and/or new traffic patterns.
- Exception for Users below 15,000 SRVs per month.
- If there are no significant changes to be reported compared to last submission, then users can indicate this and there is no further requirement to provide information in that submission.
- 'Other Users' would be included in the obligation.

Questions for the Operations Group

Does the Operations Group agree that the proposed solution addresses the problem?

Does the Operations Group agree that the proposed thresholds for low users are suitable?

Does the Operations Group see any issues arising from the implementation of this Modification?

Any other comments/questions?

Next Steps

