

1 **Q. Reference: Volume II, Exhibit 4**

2 Exhibit 4 indicates one of the key drivers of the 2027 Test Year load increase for Newfoundland
3 Power is the installation of electric boilers at Memorial University of Newfoundland (“MUN”).
4 Response to IIC-NLH-010 indicates that a capacity assistance credit is not reflected in the 2027
5 Cost of Service Study because the boilers at MUN have not yet been commissioned and terms of
6 the capacity assistance agreement have not been finalized.

7 **a)** Reconcile why it is appropriate to include the capacity requirements of the new MUN
8 boilers in the 2027 Test Year peak load forecast and not reflect MUN’s ability to curtail
9 the electric boilers in the 2027 Cost of Service Study.

10 **b)** Provide any written correspondence from Newfoundland Power to Hydro with respect
11 to the expected impacts of the MUN boilers on its energy and peak demand
12 requirements.

13 **c)** Provide a comparison of the 2027 revenue requirements and the projected rate
14 increases for Newfoundland Power and the Island Industrial Customers (net of rate
15 mitigation) if the curtailable credit for Newfoundland Power was increased by the
16 capacity requirement of the MUN electric boilers.

17
18
19 **A. a)** The 2027 Test Year peak load forecast reflects the capacity requirements associated with
20 the new Memorial University of Newfoundland (“MUN”) electric boilers being in service.
21 Newfoundland and Labrador Hydro (“Hydro”) did not reflect a reduction in peak demand for
22 curtailable load capability because the curtailable capacity associated with the boilers had
23 not been tested when the 2027 Cost of Service Study was prepared. Therefore, the study
24 reflects the load requirements of the boilers without a corresponding curtailable load
25 adjustment.

- 1 **b)** Please refer to PUB-NLH-188, Attachment 1, which contains correspondence from
2 Newfoundland Power Inc. (“Newfoundland Power”) with respect to the projected demand
3 and energy impacts of MUN’s electric boiler installation. Newfoundland Power’s
4 correspondence and load forecast indicate that, upon full commissioning, the electric boiler
5 is expected to increase MUN’s demand by approximately 25 MW and annual energy
6 requirements by approximately 110 GWh.
- 7 **c)** Please refer to IIC-NLH-039, Attachment 2 of this proceeding.

9/24/26, 10:40 PM Fw: [EXTERNAL] RE: [EXTERNAL] Request for update of Newfoundland Power's forecast load requirements for 2022 through 20...

From: [REDACTED]
Sent: Tuesday, May 17, 2022 10:17 AM
To: Candace White <CandaceWhite@nlh.nl.ca>
Cc: [REDACTED]
Subject: RE: [EXTERNAL] RE: [EXTERNAL] Request for update of Newfoundland Power's forecast load requirements for 2022 through 2027

Hi Candace,

At present, MUN peaks at around 16 MW. The latest information we have is that MUN will be adding on 25 MW for the boilers and 3 MW to one of the buildings. It appears they're aiming for early 2024 but their timeline has not be solidified as of yet.

My understanding from [REDACTED] is that an interruptible rate for MUN has been brought up with him in a meeting with Hydro. There will need to be more discussions I'd say. I will let you know when I ([REDACTED]) learn more.

Feel free to give me call at [REDACTED] if you'd like discuss.

[REDACTED]

From: [REDACTED]
Sent: Monday, May 16, 2022 9:06 AM
To: 'CandaceWhite@nlh.nl.ca' <CandaceWhite@nlh.nl.ca>
Cc: [REDACTED]
Subject: RE: [EXTERNAL] RE: [EXTERNAL] Request for update of Newfoundland Power's forecast load requirements for 2022 through 2027

Hi Candace,

I will look into that information on MUN and get back to you.

Yeah, the government buildings which have had or will have their heating systems converted to electric are separate electrification numbers. Newfoundland Power's CDM&E Plan does not include the government's initiative to undergo these electric conversion projects.

[REDACTED]

From: CandaceWhite@nlh.nl.ca <CandaceWhite@nlh.nl.ca>
Sent: Friday, May 13, 2022 12:05 PM
To: [REDACTED]
Subject: [EXTERNAL] RE: [EXTERNAL] Request for update of Newfoundland Power's forecast load requirements for 2022 through 2027

External Sender: prvs=113268ce44=CandaceWhite@nlh.nl.ca

- This message originated outside Newfoundland Power's email system.
- Verify the sender before opening attachments or links.
- Contact the [REDACTED] with any questions or concerns.

Thanks [REDACTED]

Two questions about MUN. Do you know what the new connected load in MWs is and whether this will be interruptible load? I can reach out to [REDACTED] if he would be best to ask.

Also, I can probably look this up myself but are the Gov Conversions separate from the electrification numbers?

Thanks,
Candace

9/24/26, 10:40 PM

Fw: [EXTERNAL] RE: [EXTERNAL] Request for update of Newfoundland Power's forecast load requirements for 2022 through 20...



Candace White
Sr Market Specialist
Resource & Production Planning
Newfoundland & Labrador Hydro
t. 709 737-4172
e. CandaceWhite@nlh.nl.ca | w. www.nlhhydro.com

You owe it to yourself, and your family, to make it home safely every day. What have you done today so that nobody gets hurt?

From: [REDACTED]
To: "CandaceWhite@nlh.nl.ca" <CandaceWhite@nlh.nl.ca>
Date: 05/10/2022 10:08 PM
Subject: RE: [EXTERNAL] Request for update of Newfoundland Power's forecast load requirements for 2022 through 2027

[External Sender: Please use caution when replying, opening attachments, or clicking on links]

Hi Candace,

Here is the forecast file. Let me know if any questions.



55 Kenmount Road, St. John's, NL • A1B 3P6
Telephone [REDACTED]

From: CandaceWhite@nlh.nl.ca <CandaceWhite@nlh.nl.ca>
Sent: Wednesday, April 13, 2022 3:50 PM
To: [REDACTED]
Subject: [EXTERNAL] Request for update of Newfoundland Power's forecast load requirements for 2022 through 2027

External Sender: prvs=11027e749e=CandaceWhite@nlh.nl.ca

- This message originated outside Newfoundland Power's email system.
- Verify the sender before opening attachments or links.
- Contact the [REDACTED] with any questions or concerns.

Hi [REDACTED]

Hydro is reviewing customer power and energy requirements as part of Hydro's annual operations and planning review processes. We would like to receive an updated energy and peak demand forecast consistent with Newfoundland Power's latest load forecast and would appreciate receiving the energy and peak demand forecast in the usual load forecast format with both annual and monthly detail through the year 2027. Please include details of the conservation and demand side management savings, electrification impacts including details on MUN's electric boiler installation, and or heat pump impacts embedded in the load forecast, along with the monthly self-generation assumptions.

If Newfoundland Power's forecast update for 2022 will not be available by the end of April, can you please provide me with an estimate date of availability.

Thanks,
Candace