

1 Q. Other than lost revenue, what benefits or adverse impacts arise for Hydro and other customers  
2 from offering an interruptible tariff in months when highly reliable firm service is expected to be  
3 delivered to the customer?  
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7 A. General considerations relating to the provision of an interruptible service option are provided  
8 in Newfoundland and Labrador Hydro's ("Hydro") response to IC-NLH-002. Additional technical  
9 and operational impacts relate to the increased loading of the transmission system in the  
10 absence of network upgrades. These impacts are summarized as follows:

11 1. Maintenance windows would be reduced when interruptible loads are online during off-  
12 peak periods;

13 2. Increased network loading during off-peak periods may introduce new criteria  
14 violations. For example, transmission lines have a reduced capacity to accommodate  
15 load due to thermal limitations during summer months when ambient temperatures are  
16 higher; and

17 3. There is increased operational complexity when protocols for interruptible customers  
18 are established for normal and emergency scenarios. The impact of these protocols  
19 could result in increased outage and restoration times. When multiple interruptible  
20 customers are present in the same system, the complexity of protocols and resulting  
21 risk of operational delays is increased.

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23 To ensure reliable operation in consideration of the items listed above, it is Hydro's  
24 recommendation that a System Impact Study be performed to assess requests for interruptible  
service.