ENERGY+ INC.

EB-2018-0028

Response to Interrogatories

Brantford Power Inc.

(BPI)

September 14, 2018

Energy+ Inc.

Response to Interrogatories

Brantford Power Inc. (BPI)

Table of Contents

7-BPI-1
INTERROGATORY

Ref: Appendix 2-Q_COS Emb Dx BPI BCP

Table 3-31: Summary of Total Load Forecast (Continued) Exhibit 3, page 29 of 98

In its Appendix 2-Q entry for Brantford Power, Energy+ has used the value of 1,313 kW as the "annual billed Embedded Distributor Demand on Station/line providing LV Services". Energy+'s forecast kW for the Embedded Distributor- Brantford Power, BCP is 1,075 kW for 2019.

a) Please confirm the value of 1,313 kW was the actual demand value for 2016 for the Embedded Distributor- BPI class.

b) Please update Appendix 2-Q for Brantford Power using the 2019 Load forecast kW.

RESPONSE

a) The value of 1,313 kW was the actual demand value for 2016 for the Embedded Distributor-BPI class.

b) The updated Appendix 2-Q for Brantford Power provided in the updated 2019_EnergyPlus_Chapter 2 Appendices.xls file uses the 2019 Load forecast kW.

7-BPI-2

INTERROGATORY

Ref: Appendix 2-Q_COS Emb Dx BPI BCP

Table 7-6: Allocated Cost, Exhibit 7, Page 17 of 105

In Appendix 2-Q, the Embedded Distributor –Brantford Power rate classification is allocated $8,385 in total annual cost associated assets used to provide LV services. In Table 7-6, there are $15,196 allocated to this service classification. Please identify and quantify the additional costs included in the cost allocation model above and beyond the $8,385 in LV services.

RESPONSE

Prior to the approved 2014 Rate Application for the former Cambridge and North Dumfries Hydro, the embedded distributor rates were determined based on only using the method outlined in Appendix 2-Q. However, as part of the 2014 Settlement Agreement, information from the Appendix was entered into sheet I9 Direct Allocation of the cost allocation model and the cost for the embedded distributors was determined by the cost allocation model. The cost allocation model determines costs for the embedded distributors differently than the Appendix.

Energy+ is proposing to use the same approach approved in the 2014 Rate Application for all embedded distributors. In the case of Brantford Power, the cost allocation model determines the directly allocated costs are $8,208, which is relatively close to $8,385. In addition, the cost allocation model is designed to add administrative costs to any directly allocated cost entered in sheet I9. In the case of Brantford Power the administrative costs are $6,988 for a total of $15,196 (i.e. $8,208 + 6,988).

7-BPI-3
INTERROGATORY

In each instance of Appendix 2-Q (for each embedded distributor), the total Low Voltage Line NBV of $88,563,462 is constant, the total line length or station capacity in asset class is constant at 1,486, however the annual total demand on station/line providing LV services differs (from 162,952 to 120,942 to 33,094 to 22,960).

a) Are each of these values for "annual total demand on station/line" related to different stations or lines? If not, what explains the difference from one version of 2-Q to another?

b) If so, please explain why station- or line- specific demand values (for a subset of stations or lines) are an appropriate allocator to use for the total asset pool.

c) Please explain what assets are included in the Low Voltage Line pool of assets with a NBV of $88,563,462.

RESPONSE

a) The values for "annual total demand on station/line" relate to the different feeders used by the various embedded distributors.

b) The specific demand values are used in conjunction with the km of line used by the embedded distributor to produce the factor discussed in 7-BPI-1 a). The factor is a result of (A) times (B). (A) is the km of line used by the embedded distributor divided by the total km of line for Energy+. (B) is the kW used by embedded distributor on the line used by the embedded distributor divided by the total kW delivered on that line. The result of (A) times (B) provides a factor which appropriately allocates Energy+ costs to the embedded distributor taking into consideration the length of line used by the embedded distributor.

c) The asset values in accounts 1830, 1835, 1850 and1980 are the assets included in the Low Voltage Line asset category.

8-BPI-4

INTERROGATORY

Ref: Embedded Distributor Service Classification- Brantford Hydro, Exhibit 8,

Page 106 of 157

Please confirm this Service Classification should be titled “Embedded Distributor Service Classification- Brantford Power”.

RESPONSE

Energy+ confirms the Service Classification referenced should be titled “Embedded Distributor Service Classification- Brantford Power”.