

1 Q. COS – Reference: JAB-1 Sch. 2.3A and IC-87

2

3 a. Please explain and itemize all assets included in the line 13
4 (Transmission Lines) \$18,103,022 Rural Transmission Demand in
5 JAB-1.

6

7 b. Please explain and itemize all assets included in the line 15
8 (Transmission Terminal Stations) \$2,953,147 Rural Transmission
9 Demand in JAB-1.

10

11 c. Please explain and itemize all assets added to these two categories to
12 arrive at the equivalent category values in IC-87. Please confirm that
13 these assets are related to the GNP interconnection. Please note
14 whether any of these assets relate to the Hawke’s Bay area.

15

16 d. Please itemize all additional assets that would be removed from
17 common if the COS in IC-87 had also included Doyles – Port-aux-
18 Basques line and terminal station and any other assets similarly
19 assigned to common in JAB-1 (i.e. to comply with the “remote
20 generation on radial systems that can reach the 230 kV grid”
21 principle). Please reconcile these numbers with the specifically
22 assigned values provided in IC-88.

23

24

25 A. a. This amount represents transmission lines dedicated to the service of
26 Hydro Rural rate classes. The assets are itemized on the Rural
27 Transmission Line section on the attached Schedule I.

1 b. This amount represents terminal station assets dedicated to the
2 service of Hydro Rural rate classes. The assets are itemized on the
3 Rural Terminal Station section on the attached Schedule I.

4
5 c. The assets added in to Rural Transmission for IC-87 are the 138 kV
6 and 69 kV transmission and terminal station assets on the Great
7 Northern Peninsula which connect generation to the 230 kV grid. In
8 the original Cost of Service submission (JAB-1), these assets are
9 treated as Common, in accordance with the proposed rules of plant
10 assignment explained in the prefiled evidence of Mr. Budgell. Please
11 refer to Schedule II attached for a list of these assets. TL221 Peter’s
12 Barren to Hawkes Bay and the Hawkes Bay Substation are the
13 Hawkes Bay area assets.

14
15 d. In the original Cost of Service submission (JAB-1), the Doyles –
16 Bottom Brook assets are treated as Common. In the Cost of Service
17 study provided in response to IC-88, these assets were specifically
18 assigned to Newfoundland Power. Schedule III attached reconciles
19 NP’s specifically assigned values from JAB-1 with NP’s specifically
20 assigned values in IC-88.

21
22 In addition to the assets requested in IC-88, the assets on the Burin
23 Peninsula are currently assigned Common by virtue of connecting
24 remote generation on a radial system that reaches the 230 kV grid.
25 Hydro’s proposed plant allocation now treats the GNP and the Doyles-
26 Bottom Brook assets consistently with these assets. If the principle of
27 plant assignment related to “connecting remote generation on a radial
28 system that reaches the 230 kV grid” is modified, the Burin Peninsula
29 assets should receive treatment similar to the GNP and the Doyles-

- 1 Bottom Brook assets. Plant values for the assets on the Burin
- 2 Peninsula are listed in Schedule IV attached.

NEWFOUNDLAND AND LABRADOR HYDRO
SCHEDULE I: Rural Transmission Lines and Terminal Stations

JAB-1
Sch 2.3A, L.13

Rural Transmission Lines:

TL220	Bay d'Espoir to Barachoix	4,307,902
TL246	South Brook to Roberts Arm	976,270
TL251	Hampden Tap to Hampden	466,438
TL252	Jackson's Arm Tap to Jackson's Arm	84,998
TL254	Boyd's Cove to Farewell Head	1,464,811
TL260	Seal Cove Road to Bottom Waters	4,136,552
TL262	Peter's Barren to Daniel's Harbour	551,648
TL226	Deer Lake to Berry Hill	1,191,658
TL227	Berry Hill to Daniel's Harbour	1,059,235
TL229	Wiltondale to Glenburnie	305,769
TL250	Bottom Brook to Grandy Brook	3,557,729
	Rounding Difference	12
		<u>18,103,022</u>

Rural Terminal Stations:

	Bottom Brook	9,514
	Bay d'Espoir TS #1	576,537
	Berry Hill	719,690
	Cow Head	36,147
	Daniel's Harbour	87,160
	Deer Lake	85,136
	Farewell Head	69,156
	Grandy Brook	68,118
	Peter's Barren	127,030
	Parson's Pond	25,280
	Rocky Harbour	58,930
	Seal Cove Road	653,156
	Sally's Cove	114,439
	South Brook	29,724
	Boyd's Cove	293,134
	Rounding Difference	(4)
		<u>2,953,147</u>