### **BOARD OF COMMISSIONERS OF PUBLIC UTILITIES**

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May 19, 2005

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Len Hoyt McInnes Cooper Barker House, Suite 600 PO Box 610, Stn. A Fredericton, NB E3B 5A6

Dear Mr. Hoyt:

IN THE MATTER OF a written proceeding to review Enbridge Gas New Brunswick's Financial Results for the period ending December 31, 2002 / Board Reference: 2004-022

The Board issued its decision on EGNB's financial results for the years ending December 31<sup>st</sup>, 2002 and December 31<sup>st</sup>, 2003 on March 24, 2005. A short time ago, Mr. Easson, the Board's financial advisor, reported that a number of statements in the Board's March 24 decision lacked clarity. As a result, different parties were placing different interpretations on those statements. Therefore, the Board, pursuant to subsection 75(3) of the Gas Distribution Act 1999, reviewed its decision and issues this clarification to the decision of March 24, 2005.

This clarification does not alter, in any way, the findings made by the Board in its March 24, 2005 decision. The manner in which the various aspects of AFUDC are to be shown on the income statement are described. An illustrative example is also provided. The comments will assist both Mr. Easson and EGNB in preparing their reports to the Board.

The relevant section of the decision, for the purposes of these comments, is found at pages 13-14 and states:

Consistent with this direction, EGNB's income statements filed for regulatory purposes will be expected to show:

- 1. Interest expenses in the sum of:
  - a. Interest on debt, at the deemed rate and ratio, sufficient to cover the debt associated with the rate base assets;
  - b. Interest on debt, at the deemed rate and ratio, sufficient to cover debt associated with CWIP; and
  - c. Any other interest paid on debt associated with operations of the rate-regulated business of the utility.
- 2. The required return on equity for rate-base assets and CWIP.
- 3. The full amount of the AFUDC capitalized during the fiscal year. This shall be shown as a single entry that has the effect of increasing the net income reported for the year by the full amount of the AFUDC.
- 4. An AFUDC amount that does not exceed that which results from summing the products of EGNB's average monthly CWIP and one-twelfth of the approved weighted cost-of-capital.

### **Comments**

In respect of item 1, the paragraph structure had led to an interpretation that the decision required EGNB to show the various interest expenses as three separate line items on the income statement. It should be noted that, as it is written, the decision requires only that the interest shown on the income statement be *the sum of* the three items described; the form and format in which that sum is presented was, and is, left to the discretion of the utility.

In respect of item 2, the linkage of "CWIP" after "rate-base assets" had led to the interpretation that CWIP was to be treated as if it were a part of rate base. This was not intended. The following wording better reflects the intent and is substituted for item 2 on page 13 of the decision:

"2. The required return on equity for rate-base assets and also the required return on equity that is deemed to have funded CWIP and is included in AFUDC."

### Illustrative Example

The Board has prepared an illustrative income statement spreadsheet to help clarify these matters (Schedule B, attached). It continues the illustrative example of AFUDC calculation that was presented in Schedule A of the original decision.

The spreadsheet is provided solely to illustrate matters associated with the calculation and documentation of AFUDC on the income statement. As such, it does not represent a complete income statement in form, format, or content. The exclusion of any items that would normally appear on an actual income statement should therefore not be interpreted as either advice or consent to exclude them from EGNB's income statements filed for regulatory purposes.

The illustrative spreadsheet is organized in two pages.

### Page 1

The first page summarizes the capital structure used in the example and provides the monthly values that form the basis of the income statement entries. The capital structure was contrived to produce a weighted cost of capital equal to 12%, so that the monthly rate would be 1%. It also specifies a single depreciation life (40 yrs) for all assets. The CWIP was contrived to all occur on day one of each month so that the average CWIP equals the day one balance and the addition to assets in service will equal the average CWIP.

Monthly values and annual totals for the income statement entries in question are also provided in page 1. For purposes of comparison, these are grouped into two sets: those for an unregulated entity and those for a regulated entity.

### Page 2

The second page presents some of the entries that would normally appear on the income statement to account for AFUDC or interest capitalized. Three sets of figures (or cases) are

presented. The first set represents the treatment allowed under GAAP for unregulated companies. The other two cases present alternative and equivalent ways in which AFUDC can be recorded on the income statement of a regulated company.

The first case appears in column (3) and is labeled "Unregulated entity". It summarizes the treatment accorded to an entity that is not subject to third party rate regulation. In this case only interest on CWIP is capitalized; no allowance is made for return on equity used for CWIP. Such a return may in fact be earned, but it is derived from net income as illustrated, as and when business performance allows. Absent a 3<sup>rd</sup> party rate regulator, GAAP does not permit capitalization of such speculative "assets".

The second case or presentation is labeled "Regulated entity, Uniform system of accounts" and appears in column (4). In this case, the business is subject to 3<sup>rd</sup> party rate-regulation and can capitalize the return on equity for CWIP under GAAP. This is reflected in the income statement by adding to the credit for interest capitalized, the amount of the return on equity for CWIP (0.085 M\$). The offsetting entry for this credit would appear on the balance sheet as capitalized financing costs for CWIP. This is the presentation specified in regulation 99-62.

The third presentation is labeled "Regulated entity, AFUDC detailed treatment" and appears in column (5). It differs from the treatment described in the USoA in that the AFUDC entry is no longer shown as a reduction of expenses, but as the equivalent revenue increment in line 2. It also splits the return on equity into two parts: that for rate-base and that for CWIP. This presentation is the only one that meets the requirements for reporting set out in the decision, in that it shows:

"2. The required return on equity for rate-base assets and also the required return on equity that is deemed to have funded CWIP and is included in AFUDC."

As noted above, and in column (7), row 6 and 7, the decision allows EGNB to show interest on CWIP and other interest as single entry on the income statement. No detail will be lost from such a presentation.

The Board hopes that this letter and the attached example provide sufficient clarity for EGNB to proceed with the restatement of regulatory financial reports for prior years and for the most recent year.

Sincerely

Lorraine Légère

Secretary to the Board

Attachment

CC: All Parties to the Proceeding

### **SCHEDULE B ATTACHED – 2 pages**

### Schedule B, Page 1 of 2

## Capital structure and monthly summary

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۵			שונו וימוכ ואווו וימוכ	Fraction	Fraction Depreciation life	on life	40 yrs		straight line	straight line, zero salvage	age		-			
	Debt	%2	0.5654%	20%												
ш	Equity	17%	1.3170%	20%												
Ą	Average Rate Annually:	12%	0.9489%	100%												
Mo	Monthly Summary	Jan	Feb	Mar	Apr	May	Jun	lnc	Aug	Sep	Oct	Nov	Dec	Total	- NDN	/
Š	Unregulated entity												3		start of year end of year	end of year
-	Total assets in service at beginning of month, M\$	120.000	120.000	120.000	120.000	120.000	122.006	124.012	126.018	128.023	130.029	132.035	132.035	132.035	120.000	50
7	Average CWIP balance for month, M\$	0.000	0.000	0.000	0.000	2.000	2.000	2.000	2.000	2.000	2.000	0.000	0.000	12.000	\$11.1809	
က	Interest on CWIP, M\$	0.000	0.000	0.000	0.000	0.006	0.006	0.006	0.006	0.006	0.006	0.000	0.000	0.035	\$0.0326	\$0.0365
Sut 4	Sub-total, assets in service at end of month for unregulated entity, M\$	120.000	120.000	120.000	120.000	122.006	124.012	126.018	128.023	130.029	132.035	132.035	132.035		\$131.2135	
5 Inte	Interest on long-term debt for assets in service, M\$														\$4.5925	
6 Ret	Return on equity for assets in service, M\$														\$11.1531	
Reg	Regulated entity															
2	Total assets in service at beginning of month, M\$	120.000	120.000	120.000	120.000	120.000	122.020	124.040	126.060	128.080	130.100	132.120	132.120	132.120	120.000	
8	Average CWIP balance for month, M\$	0.000	0.000	0.000	0.000	2.000	2.000	2.000	2.000	2.000	2.000	0.000	0.000	12.000	\$11.1809	
<b>о</b>	Interest on CWIP, M\$	0.000	0.000	0.000	0.000	0.006	0.006	0.006	0.006	0.006	0.006	0.000	0.000	0.035	\$0.0326	\$0.0365
10 R	Return on Equity for CWIP, M\$	0.000	0.000	0.000	0.000	0.014	0.014	0.014	0.014	0.014	0.014	0.000	0.000	0.085	\$0.0792	\$0.0887
Sub 11 er	Sub-total, assets in service at end of month for regulated entity, M\$	120.000	120.000	120.000	120.000	122.020	124.040	126.060	128.080	130.100	132.120	132.120	132.120		\$131.293	
12 Inte	interest on long-term debt for assets in service, M\$														\$4.5952	
13 Reti	Return on equity for assets in service, M\$														\$11.1599	

# Schedule B, Page 2 of 2 Illustrative income statement formats for AFUDC accounting

3					
Ξ	(2)	(3)	(4)	(2)	(2)
Item	Description		Regulated entity	d entity	
		Unregulated entity	Uniform system of accounts treatment	AFUDC detailed treatment	Explanation
	Income, M\$				
	Sales	\$79.211	\$79.137	\$79.137	\$79.137 Sales set to break-even for regulated
2	2 AFUDC	$\bigvee$		\$0.120	\$0.120 AFUDC "revenue" approach.
က	3 Total Revenue, M\$	\$79.211	\$79.137	\$79.257	
	Expenses, M\$				
4	Depreciation, based on NPV of assets at beginning of year 1	\$3.280	\$3.282	\$3.282	Dep'n larger for regulated entity since AFUDC exceeds interest on CWIP.
5	5 Interest on assets in service	\$4.592	\$4.595	\$4.595	Interest larger from deemed capital structure applied to larger PP&E balance.
	Other interest				
9	a. CWIP	\$0.035	\$0.035	\$0.035	These 2 interest items could be combined
7	7 b. other	\$0.100	\$0.100	\$0.100	but are shown separately for clairity.
∞	8 Interest capitalized or AFUDC	(\$0.035)	(\$0.120)		AFUDC interest credit approach.
<b>o</b>	9 O&M and other expenses	\$60.000	\$60.000	\$60.000	
10	10 Total Expenses, M\$	\$67.973	\$67.893	\$68.013	
7	11 Net Income, row 3 - row 10, M\$	\$11.239	\$11.245		
12	12 a. rate-base component			\$11.160	
5	13 b. CWIP component			\$0.085	Based on deemed capital structure and allowed return applied to CWIP
4-	14 Total return on equity, M\$	\$11.239	\$11.245	\$11.245	