NP 2016/2017 General Rate Application Undertaking - U-13 Filed: 2016-04-11 Board Secretary: SK

Board Secretary: SK

U-13

Undertaking: Newfoundland Power

NP 2016/2017 GRA

1	Q.	Reference: Transcript, April 6, 2016
2		Page 5, Line 23 through Page 6, Line 3
3		
4		Newfoundland Power advised that they would file a revised JMC-8 containing the
5		corrected footnote.
6		
7	A.	Mr. Coyne has revised Exhibit JMC-8 to correct Footnote 5. See Attachment A.



Capital Asset Pricing Model

		[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
						Average			
			Value	Average	Risk Free	Market Risk	Basic CAPM	Flotation	Total
US Proxy Group	Ticker	Bloomberg	Line	Beta	Rate	Premium	Calculation	Cost	CAPM
ALLETE, Inc.	ALE	0.75	0.80	0.78	4.29%	7.62%	10.20%	0.50%	10.70%
Duke Energy	DUK	0.55	0.60	0.58	4.29%	7.62%	8.68%	0.50%	9.18%
Eversource Energy	ES	0.68	0.75	0.71	4.29%	7.62%	9.72%	0.50%	10.22%
Great Plains	GXP	0.76	0.85	0.80	4.29%	7.62%	10.41%	0.50%	10.91%
OG&E Corp	OGE	0.78	0.90	0.84	4.29%	7.62%	10.70%	0.50%	11.20%
Pinnacle West Capital	PNW	0.72	0.70	0.71	4.29%	7.62%	9.68%	0.50%	10.18%
Westar	WR	0.67	0.75	0.71	4.29%	7.62%	9.71%	0.50%	10.219
MEAN		0.70	0.76	0.73			9.87%		10.37%
		[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
						Average			
			Value	Average	Risk Free	Market Risk	Basic CAPM	Flotation	Total
Canada Proxy Group	Ticker	Bloomberg	Line	Beta	Rate	Premium	Calculation	Cost	CAPA
Canadian Utilities Limited	CU	0.62	N/A	0.62	3.68%	7.62%	8.37%	0.50%	8.87%
Emera Inc.	EMA	0.71	N/A	0.71	3.68%	7.62%	9.08%	0.50%	9.58%
Enbridge Inc.	ENB	0.79	N/A	0.79	3.68%	7.62%	9.71%	0.50%	10.219
Valener Inc.	VNR	0.43	N/A	0.43	3.68%	7.62%	6.98%	0.50%	7.48%
MEAN		0.64		0.64			8.54%		9.04%
		[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
						Average			
North American Electric Proxy Group	Ticker	Bloomberg	Value Line	Average Beta	Risk Free Rate	•	Basic CAPM Calculation	Flotation Cost	Total CAPA
ALLETE, Inc.	ALE	0.75	0.80	0.78	4.29%	7.62%	10.20%	0.50%	10.709
Canadian Utilities Limited	CU	0.62	N/A	0.62	3.68%	7.62%	8.37%	0.50%	8.87%
Duke Energy	DUK	0.55	0.60	0.58	4.29%	7.62%	8.68%	0.50%	9.18%
Emera Inc.	EMA	0.71	N/A	0.71	3.68%	7.62%	9.08%	0.50%	9.58%
Eversource Energy	ES	0.68	0.75	0.71	4.29%	7.62%	9.72%	0.50%	10.22
Great Plains	GXP	0.76	0.85	0.80	4.29%	7.62%	10.41%	0.50%	10.919
OG&E Corp	OGE	0.78	0.90	0.84	4.29%	7.62%	10.70%	0.50%	11.20
Pinnacle West Capital	PNW	0.72	0.70	0.71	4.29%	7.62%	9.68%	0.50%	10.189
Westar	WR	0.67	0.75	0.71	4.29%	7.62%	9.71%	0.50%	10.219
MEAN	. 110	0.69	0.76	0.72	//0	, .JZ/0	9.62%	0.0070	10.12

Notes

^[1] Source: Bloomberg Professional; average of five years of weekly market-adjusted betas

^[2] Source: Value Line as of August 31, 2015

^[3] Equals mean of [1] and [2]

^[4] Source: Equals average long-term Consensus Forecast of 10-year government bond yields for the period 2016-2018 as of April 13, 2015. (Pg. plus the 30-day average spread between 10- and 30-year bond ending August 31, 2015.

^[5] Source: Average of the Duff and Phelps Canada historical risk premium (1919-2014),

Duff and Phelps US historical risk premium (1926-2014),

Bloomberg; TSX total return less [4] as of August 31, 2015

Bloomberg; S&P 500 total return less [4] as of August 31, 2015

^[6] Equals [4] + ([5] x [6])

^[7] Flotation Costs

^[8] Equals [6] + [8]