

**UNDERTAKING**

To: Manitoba Public Utilities Board

Date: April 28, 2014

KP File: VA103-449/1-A.55

Needs For Alternatives To – **Undertaking #117 (KP)**

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1 **SUBJECT: Project Costs**

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3 **REFERENCE:** Exhibit 3-2: KP IEC Supplemental Report, NFAT Transcript April 14, 2014 page 6,832.

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5 **UNDERTAKING:**

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7 Knight Piésold to update Table 9.1 in Exhibit 3-2 to include the P90 value and the P95 values.

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9 **RESPONSE:**

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11 The updated table can be found below:

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**Table 9.1 Contingency Comparison**

	Hydro	Conservative View		
	P50	P80	P90	P95
Contingency	327 M\$	691 M\$	896 M\$	1,074 M\$

14 Note: these numbers have been extracted from a report provided on blue paper to Knight Piésold by Manitoba  
15 Hydro and authored by Validation Estimating. The contingency amounts indicated were calculated to include  
16 systemic and project specific risk but excludes labour shortage risk (handled in the labour reserve). A fixed  
17 contingency amount of 20 M\$ was added to account for contingency on transmission in all the above tabulated  
18 cases.

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