

Energy Probe Exhibit K 6.4 Revised (Populated): HO Sustainment Capital Investment Pacing

Asset Group	Asset Base	Historic(2015) Pace %/year (# units)	~Annual Capital	As filed Pace 2017-18 %/year (# units)		~Annual Capital	
				2017	2018	2017	2018
<i>Lines</i>							
Conductors	30,000 km	0.7%/yr (200 km)	\$58.4m	0.6%/yr (192 km)	1.5% (440 km)	\$67.1m	\$143.1 M
Insulators (Ceramic/Polymer)	15,000 circuit structures	0.1%/yr (155 cs)	\$2.8 m	2.7%/yr (4030 cs)	2.6%/yr (3880 cs)	\$63.9 m	\$61.4 m
Towers (Coating)	52,000	0.6%/yr (300)	\$4.6 m	2.4%/yr (1250)	3.1%/yr (1250)	\$42.5 m	\$54.4 m
Poles	42,000	2.0%/yr (850)	\$38.5 m	2.0%/yr (850)	2.0%/yr (850)	\$35.3 m	\$35.3 m
Underground cable	270 km	0.0%/yr (0.0 km)	\$3.5 m	0.0%/yr (0.0 km)	1.8%/yr (4.8 km)	\$2.3 m	\$22.5 m
Other	-	-	\$20.6 m	-	-	\$28.2 m	\$29.2 m
Lines Subtotal	-	-	\$128.4 m	-	-	\$239.3 m	\$345.9 m
<i>Stations</i>							
Integ. Station Inv.*			(\$374.2 m)*			(\$457.8 m)*	(\$404.7 m)*
Transformers	721	2.9%/yr (21)	\$115.5 m	3.7%/yr (27)	3.1%/yr (22)	\$148.5 m	\$121.0 m
Breakers	4,543	0.7%/yr (31)	\$21.7 m	1.5%/yr (66)	2.9%/yr (132)	\$46.2 m	\$92.4 m
Protection Systems	12,100	2.2%/yr (266)	\$33.3 m	3.7%/yr (449)	4.4%/yr (528)	\$56.1 m	\$66.0 m
Other			\$395.5 m			\$217.1 m	\$279.4 m
Stations Total			\$565.8 m			\$537.5 m	\$496.2m
TOTAL SUSTAINING CAPITAL	-	-	\$694.3 m	-	-	\$776.8 m	\$842.1 m

*ISI bundles projects/asset replacements so costs not additive with other cost lines

Sources

Exhibit I-06-020;
B1-2-6, Tables1-13;
B1-3 -1 Attach. 1;
B1-3 -2