

ATTACHMENT 34 – ICM REVENUE REQUIREMENT BY PROJECT POWERSTREAM RZ

Alectra Utilities - PowerStream Rate Zone
 ICM Revenue Requirement by Project

Project Description	Return on Rate base	Amortization	Incremental Grossed Up PILs	Total Revenue Requirement
York Region Rapid Transit, VIVA Bus Rapid Transit	\$631,917	\$266,271	(\$89,303)	\$808,885
System Access				\$808,885
Station Switchgear Replacement 8th Line MS323	\$77,627	\$46,500	(\$6,396)	\$117,731
Rear Lot Supply Remediation - Royal Orchard - North	\$94,599	\$37,728	(\$14,076)	\$118,251
Cable Replacement – (M49) - Steeles and Fairway Heights	\$103,734	\$40,955	(\$15,574)	\$129,114
Cable Replacement – (V08) - Steeles Ave and New Westminster	\$148,431	\$58,601	(\$22,284)	\$184,747
Planned Circuit Breaker Replacement - Richmond Hill TS#1	\$66,038	\$39,558	(\$5,441)	\$100,154
System Renewal				\$649,998
Rebuild 27.6 kV pole line on Warden Ave into 4 ccts from 16th Ave to Major Mack	\$77,142	\$32,922	(\$10,763)	\$99,300
Mill Street MS835 TX Upgrade - Tottenham	\$72,790	\$34,110	(\$9,146)	\$97,753
Build double ccts 27.6kV pole line on 19th Ave between Leslie St and Bayview Ave	\$67,594	\$28,103	(\$9,678)	\$86,019
Double Circuit existing 23M21 Circuit from Bayfield & Livingstone to Little Lake MS	\$71,684	\$30,940	(\$9,887)	\$92,737
System Service				\$375,810
Total Incremental Revenue Requirement				\$1,834,693

ATTACHMENT 35 – 2018 CAPITAL SPENDING BY PROJECT POWERSTREAM RZ

2018 Capital Project Listing - PowerStream Rate Zone

SYSTEM ACCESS	
New Residential Subdivision Development - North	2,392,500
New Residential Subdivision Development - South	7,267,204
New Subdivision Development - Secondary Service Lateral - South	1,782,375
Road Authority Expenditure Ps North	1,380,407
Road Authority Expenditure Ps South	6,751,937
Road Authority YRRT Yonge St	4,663,617
Sub-Total Material Projects	24,238,040
Miscellaneous Projects (under materiality threshold)	7,974,798
Total System Access	32,212,838
SYSTEM RENEWAL	
Storm damage - Replacement of distribution equipment due to storm.	1,078,534
Switchgears - Unscheduled Replacement of Failed (end of useful Life) Distribution Equipment	1,817,116
Unscheduled Replacement of Failed Equipment - Poles, etc	5,414,064
Pole Replacement Program	4,191,000
Unforeseen Projects Initiated by PowerStream	1,129,271
Radial Supply Remediation/Conversion - 13.8 kV to 27.6 kV on Miller Ave	1,628,533
Planned Circuit Breaker Replacement - Richmond Hill TS#1	1,186,729
Station Switchgear Replacement (ACA) 8th Line MS323	1,000,687
Rear Lot Supply Remediation - Royal Orchard - North	1,681,034
4-Circuit Pole Storm Hardening	1,752,471
Cable Replacement – (M49) - Steeles and Fairway Heights	1,842,953
Cable Replacement – (V08) - Steeles Ave and New Westminster	2,637,046
Cable Replacement – Left Behind Cable	2,207,515
Pad Mount Transformer Replacement	1,072,243
Switchgear Replacement Program	2,247,843
Sub-Total Material Projects	30,887,038
Miscellaneous Projects (under materiality threshold)	12,947,297
Total System Renewal	43,834,334
SYSTEM SERVICE	
Double Circuit existing 23M21 Circuit from Bayfield & Livingstone to Little Lake MS.	1,276,180
Install two additional 27.6 kV ccts on Hwy 7 from Jane St to Weston Rd	2,950,000
Build double ccts 27.6kV pole line on 19th Ave between Leslie St and Bayview Ave	1,202,306
Install Two 27.6kV Ccts on 16th Ave from Hwy 404 to Woodbine Ave	1,187,653
New 27.6kV Pole Line on 19th Ave from Leslie to Woodbine Ave	1,011,807
Rebuild 27.6 kV pole line on Warden Ave into 4 ccts from 16th Ave to Major Mack	1,372,976
Distribution Automation Switches / Reclosers	1,661,159
Smart Grid	1,070,000
Station Capacity Projects	3,374,603
Station Reliability Projects	1,444,850
Sub-Total Material Projects	16,551,534
Miscellaneous Projects (under materiality threshold)	3,970,356
Total System Service	20,521,890
GENERAL PLANT	
Customer Information Systems	2,969,788
Fleet	1,494,970
Computer Software	1,403,578
Information/Communication Systems	1,450,815
Smart Grid	1,337,500
Sub-Total Material Projects	8,656,651
Miscellaneous Projects (under materiality threshold)	3,089,855
Total General Plant	11,746,506
Total 2018 Capital Projects	108,315,568