

1 Q. **Re: General**

2 For each of the projects under Tab B (\$500,000 and over) indicate what amount of
3 each project will give rise to assets which, for Cost of Service Study purposes, will be
4 specifically assigned to Rural Operations and what amount will be assigned to
5 common.

6

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8 A. The attached table shows each project and indicates what amount of each project is
9 anticipated to be assigned to Rural Operations, Common or Specifically Assigned.

10 As part of Hydro's standard practice, the actual costs will be recorded in the
11 appropriate asset class.

	Rural		Specifically	
	Operations	Common	Assigned	Total
PROJECT DESCRIPTION				
GENERATION				
Rewind Stators Units 1, 3 and 4 - Bay d'Espoir		13,643		13,643
Rewind Generator Units 1 and 2 - Holyrood		11,901		11,901
Upgrade Gas Turbine Plant Life Extension - Hardwoods		5,995		5,995
Upgrade Marine Terminal - Holyrood		5,860		5,860
Replace Static Excitation Systems - Upper Salmon, Holyrood and Hinds Lake		4,109		4,109
Replace Programmable Logic Controllers - Holyrood		3,132		3,132
Replace Fuel Oil Heat Tracing - Holyrood		2,888		2,888
Install Plant Operator Training Simulator - Holyrood		2,101		2,101
Upgrade Hydrogen System - Holyrood		1,992		1,992
Upgrade Burnt Dam Spillway - Bay d'Espoir		1,703		1,703
Upgrade Stack Breaching Unit 2 - Holyrood		1,505		1,505
Upgrade Forced Draft Fan Ductwork Unit 2 - Holyrood		929		929
Replace Emergency Diesel Generator - Bay d'Espoir		894		894
Upgrade Synchronous Condenser Unit 3 - Holyrood		889		889
Replace Relay Panels Unit 3 - Holyrood		831		831
Upgrade Intake Gate Controls - Bay d'Espoir		820		820
Upgrade Generating Station Service Water System - Cat Arm		800		800
Upgrade Electrical Equipment - Holyrood		679		679
Replace Steam Seal Regulator Unit 2 - Holyrood		613		613
TOTAL GENERATION		61,284		61,284
TRANSMISSION AND RURAL OPERATIONS				
Upgrade Transmission Line Corridor - Bay d'Espoir to Western Avalon		209,376		209,376
Install Additional 230kV Transformer - Oxen Pond		10,540		10,540
Upgrade Terminal Stations to 25 kV - Labrador City	9,990			9,990
Voltage Conversion - Labrador City	9,400			9,400
Provide Service Extensions - All Service Areas	4,172			4,172
Upgrade L2 Distribution Feeder - Glenburnie	3,556			3,556
Upgrade Distribution Lines - Bay d'Espoir, Parsons Pond and Plum Point	2,496			2,496
Perform Wood Pole Line Management Program - Various Sites		2,519		2,519
Upgrade Distribution Systems - All Service Areas	2,508			2,508
Distribution System Additions - Various Sites	2,172			2,172
Perform Arc Flash Remediation - Various Sites	1,008	1,008		2,016
Upgrade Circuit Breakers - Various Sites		1,677		1,677
Perform Grounding Upgrades - Various Sites		1,657		1,657
Increase Generation Capacity - Mary's Harbour	1,489			1,489
Replace Guy Wires TL-215 - Doyles to Grand Bay			1,487	1,487

	Rural		Specifically	
	Operations	Common	Assigned	Total
1				
2 PROJECT DESCRIPTION				
3				
4 TRANSMISSION AND RURAL OPERATIONS (cont'd.)				
5 Upgrade Power Transformers - Various Sites		1,246		1,246
6 Replace Off-Road Track Vehicles - Bishop's Falls and Fogo	312	791		1,104
7 Upgrade Substation - Wabush	1,086			1,086
8 Replace Off Road Track Vehicles - Flower's Cove and Cow Head	249	630		878
9 Upgrade Station Reliability and Safety - Rocky Harbour	795			795
10 Replace 69 kV SF6 Breakers - St. Anthony Airport	780			780
11 Upgrade Distribution Systems - Francois, Rigolet and Happy Valley	726			726
12 Install Automated Meter Reading - Rocky Harbour and Glenburnie	667			667
13 Replace Compressed Air System - Bay d'Espoir		648		648
14 Replace 230 kV Circuit Breaker - Sunnyside		631		631
15 TOTAL TRANSMISSION AND RURAL OPERATIONS	41,406	230,723	1,487	273,616
16				
17 GENERAL PROPERTIES				
18 Replace Vehicles and Aerial Devices (2011-2012) - Various Sites	846	2,143		2,989
19 Replace Vehicles and Aerial Devices (2012-2013) - Various Sites	829	2,101		2,930
20 Corporate Application Environment - Upgrade Microsoft Products	417	1,056		1,473
21 Replace Battery Banks and Chargers - Various Sites	440	440		881
22 Replace MDR 6000 Microwave Radio (West) - Various Sites	214	542		755
23 Upgrade JD Edwards - Hydro Place	163	412		575
24 Replace Network Communications Equipment - Various Sites	148	374		522
25 TOTAL GENERAL PROPERTIES	3,057	7,069		10,126
26				
27 MAJOR OVERHAULS AND INSPECTIONS				
28 Overhaul Turbine Unit 1 - Holyrood		4,193		4,193
29 Condition Assessment and Life Extension Phase 2 - Holyrood		1,216		1,216
30 Overhaul Diesel Units - Various Sites	974			974
31 TOTAL MAJOR OVERHAULS AND INSPECTIONS	974	5,409		6,383
32 TOTAL PROJECTS OVER \$500,000	45,437	304,485	1,487	351,409