

1 Q. Please provide the amount of interest capitalized during construction included in
2 rate base by capital project for the years 2013 to 2015F.

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5 A. The amount of interest capitalized during construction included in rate base by
6 capital project for the years 2013 to 2015F is \$2,181,000, \$6,108,000 and
7 \$10,958,000 respectively. NP-NLH-309 Attachments 1 to 3 show the interest
8 capitalized during construction included in rate base by capital project for the years
9 2013 to 2015F.

Project	2013 IDC (\$000)
Inst AutoMeterReading-PPT,BCV	26
Inst AutoMeterReading-RHR,GLB	14
Rplc Battery Banks & Chargers	13
Rplc MDR4000 MicrowaveRadio,Wt	3
Replace Radomes	1
Rplc Network Communications Eq	7
Upgrade Site Facilities	1
Replace Telephone Systems	2
HLK-Auto Transfer Swtch Rplcmt	4
Rplc DCExct Systm. HLK HRD USL	53
USL-Instl AutoFuelMonitoNSSpil	2
PRV-Rplc Emergency Diesel Tank	1
Upgrd GenStServi WaterSyst-CAT	23
Major Inspect/Overhaul Cat Arm	1
Upgrd BrntDamSplwy Struct-BDE	11
Upgrd Intake Gate Control -BDE	6
Rewind Stators - Unit #4	58
Rplce PH Emerg Diesel Generator	18
Urd BurntDam Spillway-Assessmt	30
BDE-Rewind Stator Unit 1	24
BDE-Auto Gen Deluge Systms 1-4	7
BDE-Upgrd U 1-6 SV By-Pass Val	0
BDE-Upgrd Gen Bearing U4,1,2,3	1
BDE-Upgrd BurntDam Spillway St	6
BDE-LP Screw Compressor Set	3
BDE-Upgrd Public Safety-Dams	6
BDE-Instl FallArrestSys-Tank#3	1
BDE-CoolWater Pumps 2&4 PHse 1	2
BDE-Replace Northend EquipDoor	2
BDE-InstlWasteOilStorageTank	1
BDE-Pwrhse Fire Sprinkler Syst	2
BDE-Replace AutoGreasing Systm	5
Major Inspect/Overhaul BDE #1	1
GCL-WaterFlowCntrlStr-RR Pond	1
GCL-Rplc Microscada Computers	2
Rplc Relay Panels Unit 3 - HRD	48
HRD-Cond Assessment Prog.PH#2	51
HRD_Cond.Assessment Phase 2	5
Unt#3 Turbine Valve Inspect/Ov	27
Unt#3 Boiler Feed Pump West	2
HRD- Unit # 1 Restoration	147
Blackstart Capability Upgr-HRD	0
HRD-PumpHse Motor Cntrl Centre	52
Upgrd Hydrogen Systm. HRD	158
Upgrd Electrical Equip. HRD	20
HRD-Rplc Fuel Oil Heat Tracing	24
HRD-U#2 FD Fan Ductwork Mods	2
HRD-RefurbishFuelOilStorage	33
HRD-Upgrade Fuel Oil Day Tank	2
HRD-Instl VarSpeed Dr-DraftFan	3
HRD-CondensatePolishAnnunPanel	0
HRD-Backup Syst-RawWaterSupply	8
HRD-Upgrade Marine Terminal	26
Prform Grnding Upgrds- 11-15	11
Rplc Compressed Air Systm BDE	65

Project	2013 IDC (\$000)
Instl Altrnt St.Servic STB&MDR	12
Rplc Cmprsr/Dryr/AirPipSy CBFC	20
Rplce Compr Air Pip/Insl Mtir	5
Upgrade Circuit Breakers	43
Rplace Instrument Transformers	6
Upgrade Power Transformers	6
Replace Disconnects	9
STB-CompressAirPiping/DP Monit	0
Replace Insulators	2
SSD,BBK-ComprAirPiping/DP Mont	0
CBF-OnLine Vibr Monitor System	1
CRV-Install Transformer Fans	1
Upgrd 230kV Breaker Cntrls-BBK	1
Rplc OPD XFMRs/TL218 LineReloc	2
SVL-Upgrade Glycol Systems	26
HWD-Upgrd GT Plant Life Extens	91
SVL GT Alternator Rewind Work	99
HWD-GT Replacement Project	89
FRS-Rplc Diesel U#2001/Eng#566	13
Perform Arc Flash Remediation	18
Overhaul Diesel Engines	32
Install Fall Protection Equip	1
Install Washrooms-TerminalStat	0
Rplc GuyWireTL-215 Doyle to GB	8
Rplce Recloser Control Panels	3
Upgrd Dist.Syst. South Brook	1
Upgrd Dist.Syst. L1, Holyrood	3
FHD-Fogo Rplc Reconductor L5	36
FHD-Fogo Rplc Reconductor L6	11
Upgrd Dist.Syst. L1, GreyRiver	1
Upgrd Dist.Syst.L1,St.Brendans	4
LBC-Upgrd Lab.City to 25kV	243
Voltage Conversion-Lab.City	199
Wabush L11 New Line Constructn	12
Perfrom FEED Disel Plant Remed	2
BKT Plant Rehabilitation	4
HPD-IncreaseGenerationCapacity	15
NAN-IncreaseGenerationCapacity	1
HVY-Upgrd Gas Turbine Controls	1
HVY-Upgrd GasTurbineAlternator	1
Rplc Mini Hydro Turbine - ROD	19
LAL-IncreaseGenerationCapacity	6
MSH - Increase Generation	18
Upgrd Dist.Syst. L1/L2 (CHT)	0
Upgrd Dist.Syst. L1,St.Lewis	0
GLB-Upgrd L2 Distribution Feed	39
PPT-Upgrde L2 Distribut Feeder	28
Upgrd Dist.Syst. L1/L3,(ROD)	1
Upgrd Dist.Syst. L1, Cow Head	14
St.Anthony L6 Voltage Upgrade	12
WDL-Upgrade Terminal Station	2
Ramea Wind-Hydrogen-Diesel Prj	0
HYP-Penthouse Roof Replacement	4
Total	2,181

Project	2014 IDC (\$000)
Remove Safety Hazards	8
Replace Continuous Opacity Monitor- Holyrood	2
Upgrade Underground Plant drainage System - FEED	1
Replace Condensate Polisher Annunciator - HRD	1
HRD-Upgrade Vibration Monitor Equip 1,2,&3	5
Major Overhaul - Unit 2 Extraction Pump South - HRD	13
Install Economizer Recirculation Lines Unit 1 & 2 -HRD	1
Level 2 Condition Assessment - HRD	32
Unit 2 Turbine Generator Major Overhaul - HRD	89
Major Overhaul Unit 1 Cooling Water Pump East - HRD	3
Major Overhaul Unit 1 Extraction Pump South - HRD	1
Major Overhaul Unit 3 Boiler Feed Pump East - HRD	4
Replace 129 volt Dc Distribution Panels & Breakers	3
Install Unit 3 Cold-Reheat Condensate Drains	2
Install Blackstart Capability - HRD	20
Purchase NOX Ambient Air Monitor - HRD	0
Replacement of Waste Water Basin Building - Holyrood	2
Upgrade Hydrogen System - HRD	42
Install Variable Speed Drives on 6 FD Fans	141
Upgrade Plant Elevators-HRD	16
Install Fire protection Upgrades On Fuel Delivery Systems	2
Add 100 MW Combustion Turbine - HRD	2,057
Purchase Handheld Data Collection Equipment - BDE	1
Purchase Generator Bearing Cooler for Thrust/Guide-HLK	3
Major Inspection/overhaul - Hinks Lake	4
USL - Automated Fuel Monitoring North Salmon Spillway	5
Upgrade Burnt Spillway	22
Auto Fuel Monitoring System- West Salmon Spillway	4
Replace Turbine/ Generator Flow Measuring Devices	2
Replace Engine on Emergency Lift System	1
Raise Paradise River Earth Dyke	1
CAT _ Upgrade Cat Arm Breakwater	2
Install Spare & Purchase Repl Spare Stator Winding	102
BDE _ Upgrade Intake Gate Controls	7
BDE- Upgrade Public Safety Around Dams	10
BDE-Automate Generator Deluge Systems Units 1-4	18
Upgrade Burnt Spillway	1
BDE- Automate Gen Deluge System Units X and V	17
BDE- Replace Cooling Water Pumps 2 and 4 PH 1	2
BDE- Upgrade Unit 2 Generator Bearing	2
BDE- Replace Units 1-6 Autogreasing Systems	15
Purchase LP Screw Compression Set BDE	2
Upgrade Units 1-6 S/V By Pass Switch BDE	1
Install Protective Coating Surge Tank 3 BDE	23
Upgrade Unit 3 Generator Bearing - BDE	0
Upgrade Access Roads	7
BDE - Rewind Stators Units 1	9
Upgrade Victoria Control Structure	6
Replace Units 1-6 Autogreasing System - BDE	3
Surge Tank 1 Replace Fall Arrest System - BDE	4
P.03128 - Major Inspection/Overhaul - BDE Unit 3	2
Upgrade Spherical By-Pass Valves - BDE Units 1&2	2
House 14 Rehabilitation - BDE	2

Project	2014 IDC (\$000)
Crane Controls OH Pendant	1
Replace Insulators- Various Stations	4
Power Transformer Upgrading - Various Stations	35
Replace Instrument Transformers	11
Replace Surge Arresters	5
Upgrade Comp Air System and install Dew Point Monitor	37
Grounding Upgrads - Various Sites	8
Replace Disconnects	31
Compressed Air Piping and Install Dew Point Monitor	23
Install Online Vibration Monitoring System - CBF	9
Replace Compressed Air Piping and Dryers	33
Upgrade Circuit Breakers Various Stations	65
VAR Replace Optimho Relays on the East Coast	3
Replace Insulators	22
Install Additional Washrooms	7
Upgrade Terminal Station Foundations	3
Purchase High Voltage Breaker Timing Sets - SVL	2
Replace Oxen Pond Transformers/TI218 Line Relocation	862
Replace T5 Tap Changer - WAV	47
Replace Equipment Resulting from Sunnyside T1 Failure	117
Temporary QTZ T2 Connection	9
Upgrade Gas Turbine Life Extension - Stephenville	65
Overhaul Diesel Engines- Various Locations	23
Inspect Fuel Storage Tanks	7
RAM - Upgrade Ventilation	7
Purchase Remote Diesel Plant Production Data System	5
Purchase Portable Vibration Testing Equipment	1
Replace Fuel Storage Tank	5
TL-215 Replace Guy Wires	101
Perform Wood Pole Line Management Program-Variou	73
Automated Meter Reading - EHW & BCX	3
230 KV Transmission Line - BDE to WAV	48
Insulator Replacement - TI201 & TL203	29
Service Extensions- Central Region	19
Distribution Upgrading Central 2014	18
Upgrade Distribution System Barchoix	19
Upgrade Distribution System - South Brook	36
Upgrade Distribution System - Hampden	2
BDE Pole Replacement	22
VAR - Replace Recloser Control Panels TRON	4
Pole Replacement- Grey River	5
Install Fall Protection Equipment - VAR	5
Replace MDR-4000 Microwave Radio(West)	62
2014 Network Communication Equipment - Various	3
Upgrade Site Facilities - Various Locations	1
Upgrade IP Scada Network	5
Radome Replacements	7
Battery Replacements - Various Sites	9
Replace Telephone Systems	4
Replace Wescom Scanner CBF-MDR	3
Replace Call Pilot - Hydro Place	1
Replace Mini Hydro Turbine - RWC	15
Perform Arc Flash Remediation	23

Project	2014 IDC (\$000)
Additions for Load - Lanse au Loup	56
Additions to Accommodate Load Growth - MSH	23
HPD-Additions to Accommodate Load Growth	213
Upgrade Substation	11
Replace Generator Unit 2073 - PHS	0
Upgrade Distribution System St. Lewis	30
Service Extensions - Northern	13
Distribution Upgrading Northern 2014	14
Upgrade L1 and L3 Feeders - Roddickton Distribution	43
Main Brook- Distribution System Upgrade	2
Conne River - Pole Replacement	16
Daniels Harbour - Pole Replacement	2
Install Automatic Meter Reading - Various Sites	38
Upgrade Distribution System - PPT L1	3
Upgrade Terminal Station - Wiltondale	84
Additions for Load - Nain	85
Construct Workshop	2
Install Fire Protection System	3
Replace HVYGT Air Start Compressor(Emerg Breakdown)	2
Upgrade Gas Turbine PLC - HVY	26
Labrador West Transmission Project - Construction Phase	654
Service Extensions - Labrador 2014	24
Distribution Upgrading Labrador 2014	9
Voltage Conversion - Labrador City	36
North West River - Upgrade Distribution System	2
MCC Replacement of Poles and Underground Feeder .	11
Nain - Pole Replacement	2
Upgrade Distribution System- Charlottetown L1, L2	12
Purchase Meters and Tanks - Various Sites	10
Total	6,108

Project	2015F IDC (\$000)
Contingency Fund - 2015	26
Replace Cooling Towers & Auxiliaries - HYP	2
Replace Roof - HYP	11
Replace Accomodations at Ebbegunbaeg	12
Legal Survey of Primary Distribution Line Right of Way	4
Reshingle Roof - Stephenville	1
Remove Safety Hazards	4
HRD - Upgrade Powerhouse Roofing	12
Install Economizer Recirculation Lines Unit 1 & 2 -HRD	25
Replace 258VDC Distribution Panels & Breakers - HRD	3
Install Unit 3 Cold-Reheat Condensate Drains	18
Upgrade Fire Protection(Main Warehouse) -HRD	3
Refurbish Quarry Brook Dam Equipment - HRD	13
Install Fire protection Upgrades On Fuel Delivery Systems	11
Add 100 MW Combustion Turbine - HRD	260
Rehabilitate Salmon River Spillway	15
Snooks Arm - Refurbish Turbines	11
Install Road Topping, Culverts and Bin Wall Cat Arm	19
Replace Station Service Breaker - CAT	14
Replace ABB Excitaiton System - CAT	14
Intake Upgrades - BDE	2
Upgrade Burnt Spillway	29
Upgrade Public Safety Around Dams - BDE	11
Upgrade Unit 3 Generator Bearing - BDE	6
Automate Generator Deluge units 3,5 and 6 - BDE	10
Install Infrared View Ports BDE	2
BDE- Replace Site Pumphouse, pumps & Controls	0
Repalce Interior Coating on Surge tank 3 - BDE	38
Replace Units 1-6 Autogreasing Systems - BDE	8
Replace Generator Bearing Coolers - BDE	5
Hydrometeorological Station Network - BDE	10
Modifications to Generator Bearings - BDE	1
Upgrade Equipment Doors - Various Sites	8
BDE - Crane Controls OH Pendant	3
Replace T1 Differential Protection Upgrade Grandy Brook	6
Power Transformer Upgrading - Various Sites	82
Grounding Upgrades - Various Sites	9
Replace Disconnects	18
Replace Instrument Transformers	11
Replace Surge Arresters	0
VAR Replace Optimho Relays on the East Coast	5
Upgrade Circuit Breakers	327
Upgrade Control Wiring Phase 1 to TS1	9
Install Additional Washrooms	3
Install Fire Protection in 230KV TS - VAR	1
Upgrade TS Protection and Control - VAR	7
Install Transformer Online Gas Monitoring on GSU	8
Install Support Structures C2 Capacitor Bank	2
Repalce Station Lighting	1
Upgrade TS Foundations - VAR	3
Replace Disconnects - VAR	10
Upgrade Circuit Breakers - Various Sites	205
Site Work to Accommodate Mobile Substation - Barchoix	13

Project	2015F IDC (\$000)
Replace Equip Resulting from Transformer Failure - Sunnyside	34
Stephenville Gas Turbine Plant Life Extension Upgrades	57
Install Disconnect Switches for Mobile Installations	0
Automated Meter Reading - EHW & BCX	36
230 KV Transmission Line - BDE to WAV	728
Wood Pole Line Managment	74
Install Fall Protection Equipment - Various Sites	5
Upgrade Distribution System- Bottom Waters	1
Upgrade Distribution System - Hampden	26
Replace Recloser Control Panels TRON	5
Purchase a spare Transformer at PRV	3
Replace Hendrix Insulators - FHD	14
Upgrade Line Depots	24
Upgrade IP Scada Network	25
Battery Replacement - Various Sites	31
Network Communications Equipment - Various	6
Upgrade Site Facilities - Various	1
Replace DTI Phone Turrents in ECC - HYP	2
Repalce WiFi Networks	3
Replace GDC Metroplex - STB	2
Replace Telephone System - SVL	4
Perform Arc Flash Remediation	12
Retrofit HVAC System - Port Saunders	3
Replace Unit 2038 - MSH	1
Insatll Fire Protection System - Lanse au Loup	8
Main Brook- Distribution System Upgrade	31
Daniels Harbour - Pole Replacement	33
Upgrade Distribution System - PPT L1	48
Relocate Voltage Regulator - Hawkes Bay	5
Replace Unit 254 - PRV	1
Install Fire Protection System	21
Acquire Remote Diesel Plant Production Data	5
Replace Progammmable Logic Controllers - VAR	10
Upgrade Ventilation - CHT	8
Increase Generation Capacity - Makkovik	6
Increase Fuel Storage - RIG	34
Upgrade Building Exterior - Makkovik	4
Labrador West Transmission Project - Construction Phase	8,108
North West River - Upgrade Distribution System	28
Labrador City Voltage Conversion	94
Labrador Pole Replacements Combined	17
Nain - Pole Replacement	11
Inspect Fuel Storage Tanks	22
Install Second Distribution Feeder - Nain	29
Replace Alternator Shaft - HV	7
Install Automated Meter Reading	4
Purchase Meters, Equipment and Metering Tanks	8
Total	10,958