

- 1 Q. **Reference page 4, lines 19-24, *Network Additions Policy Review***
- 2 a. Explain Hydro’s approach to determine if the transmission network addition is a common
- 3 asset.
- 4 b. Explain Hydro’s approach to determine if the transmission network addition is specifically
- 5 assigned.
- 6 c. Provide a list of all transmission network additions that Hydro has functionalized as
- 7 specifically assigned.
- 8
- 9
- 10 A. a. and b. Specifically Assigned Assets are transmission assets that provide benefits to only
- 11 one customer. Any transmission assets that are not specifically assigned are treated as
- 12 common transmission assets as they benefit two or more customers.
- 13
- 14 c. Newfoundland and Labrador Hydro (“Hydro”) does not currently have any transmission
- 15 assets on the Labrador Interconnected System that are specifically assigned. For a listing of
- 16 the assets specifically assigned to Newfoundland Power and each Island Industrial Customer
- 17 on the Island Interconnected System, please refer to PUB-NLH-068, Attachment 1 for a copy
- 18 of Hydro’s response to IC-NLH-103 (Revision 3) filed as part of the “2017 General Rate
- 19 Application” proceeding on March 5, 2018.

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1 Q. **Specifically Assigned Charges**

2 (a) With respect to forecast 2018 and 2019 Specifically Assigned Charges,
3 provide a breakdown of the component parts of each of those forecast Specifically
4 Assigned Charges for each of the Industrial Customers and identify any Specifically
5 Assigned Charges proposed to be included or excluded in 2018 and/or 2019
6 Specifically Assigned Charges which have/have not been charged in previous years
7 and the dollar amount of and rationale for each proposed change.

8 (b) Reference: Volume I, Chapter 5, pages 5.25-5.26, Tables 5-5 and 5-6
9 With respect to specifically assigned charges, please provide a complete listing of all
10 asset/asset grouping included in the category of specifically assigned assets for each
11 of the industrial customers and for NP, and indicate the rationale, rose and
12 justification for the assets being included as a specifically assigned asset.

13 (c) For each specifically assigned macro asset, identify all projects undertaken
14 on that specifically assigned macro asset, by year, since the last GRA, including the
15 capital cost of each project.

16
17 A. (a) Please refer to the revised Table 1 which has been updated to reflect
18 customer impacts outlined in the *Customer Cost Allocation Impacts – Asset*
19 *Functionalization Review* filed on February 21, 2018 for the breakdown of
20 the component parts of the 2018 and 2019 Specifically Assigned Charges for
21 each of the Industrial Customers.

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Table 1 Specifically Assigned Charges (\$)

	CBPP	NARL	Teck	Vale	Total
2018TY Components					
Operating and Maintenance	121,375	28,977	48,608	98,829	297,789
Depreciation	176,119	24,277	2,715	27,258	230,369
Return on Debt	283,906	31,197	0	20,983	336,086
Return on Equity	107,914	11,858	0	7,976	127,748
Other	444	22	(141)	(212)	113
Total Annual Amounts	689,758	96,331	51,182	154,834	992,105
2019TY Components					
Operating and Maintenance	132,715	30,750	48,989	99,740	312,194
Depreciation	231,042	25,952	2,727	27,382	287,103
Return on Debt	323,906	36,688	0	19,461	380,055
Return on Equity	131,554	14,901	0	7,904	154,359
Other	668	46	(134)	(193)	387
Total Annual Amounts	819,885	108,337	51,582	154,294	1,134,098

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1 The Specifically Assigned Charges for 2018 and 2019 include new Specifically
 2 Assigned Assets not reflected in the charges in previous years. Table 2 provides the
 3 capital additions for the period 2016 to 2019 that were not reflected in the
 4 establishment of existing rates based on the 2015 Test Year.

Table 2
Specifically Assigned Asset Additions (\$)

Year	Customer	Asset Name	Capital Cost
2016	CBPP	CBFCS, 50 HZ, EXCITER O/H	23,445
2016	CBPP	CBFCS,60 HZ, EXCITER O/H	23,445
2016	CBPP	SF6 BREAKER 152T CBFTS	511,088
2018	CBPP	Upgrade Frequency Converter - CBFC	2,943,800
2016	NARL	BUSHING H1,T1,CBC TS	11,423
2016	NARL	BUSHING H1,T2,CBC TS	11,423
2016	NARL	BUSHING H2,T1,CBC TS	11,423
2016	NARL	BUSHING H2,T2,CBC TS	11,423
2016	NARL	BUSHING H3,T1,CBC TS	0
2016	NARL	BUSHING H3,T2,CBC TS	11,423
2016	NARL	TRF Upgrade T1, CBC TS (2015)	19,419
2016	NARL	TRF Upgrade T2, CBC TS (2015)	14,850
2017	NARL	Install Frequency Monitors - Various Sites	78,950
2018	NARL	Replace Instrument Transformers - Various Sites	42,070
2019	NARL	Upgrade Circuit Breakers – 2019	299,664
2016	Vale	Trans T1,Insp./Oil Process, VBN	345,511
2018	Vale	Upgrade Power Transformers - Various Sites	3,480

5 (b) The Specifically Assigned transmission assets are included as Specifically
 6 Assigned Assets, as opposed to common, as they serve to benefit a single
 7 customer.

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1 Hydro completed a review of the specifically assigned asset listings and filed
2 a report titled *Review of Industrial Customer Specifically Assigned Assets on*
3 *December 21, 2017*. The revisions to Attachment 1 and Attachment 2 reflect
4 these changes.

5
6 The revised IC-NLH-103, Attachment 1 provides the complete listing of
7 specifically assigned macro assets and individual projects for Island
8 Industrial Customers, by year and including the capital cost. Attachment 1
9 has been modified to reflect the change in functionalization of \$423,928
10 from specifically assigned for Vale to common. In addition, \$669,931 for
11 Corner Brook Pulp and Paper (including Deer Lake Power) and \$907,184 for
12 North Atlantic Petroleum were also re-assigned to common.

13
14 The revised IC-NLH-103, Attachment 2 provides the complete listing of
15 specifically assigned macro assets and individual projects for Newfoundland
16 Power, by year and including the capital cost. Attachment 2 has been
17 modified to reflect the change in functionalization of \$94,302 from
18 specifically assigned for Newfoundland Power to common.

19
20 []

21
22 c) Please refer to item (b).

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Newfoundland and Labrador Hydro						
2019 Test Year Specifically Assigned Assets Details - Island Industrial Customers (\$)						
Revised:	Customer	In-Service	Function Description	Major Asset Group	Description	Capital Cost
	INT	CBPP	6/12/1967 Terminal Stations	CBF Freq. Converter Stn.	DISCONNECT,29MB,CBF CS	1,500
			10/15/1968 Terminal Stations	CBF Term Stn, Freq. Conv..	HV ARRESTORS T1,CBF TS	-
			1/1/1977 Terminal Stations	CBF Freq. Converter Stn.	50 CY, NEUT. GND. TRF, CBF CS	10,874
					50 CYCLE CONVERTER GEN,CBF CS	354,355
					50/60 VOLTAGE REGULATORS,CBFCS	18,288
					60 CYCLE CONVERTER GEN,CBF CS	354,355
					BREAKER,152,CBF CS	2,236
					BREAKER,252,CBF CS	2,238
					BREAKER,52M,CBF CS	2,236
					DISCONNECT,129SP,CBF CS	1,500
					DISCONNECT,229SP,CBF CS	1,500
					DISCONNECT,29AT,CBF CS	1,500
					DISCONNECT,29MA,CBF CS	1,500
					GROUND,129G,CBF CS	3,262
					GROUND,229G,CBF CS	3,262
					LIQUID RHEOSTAT,CBF CS	19,747
					STARTING MOTOR,CBF CS	2,000
				CBF Term Stn, Freq. Conv..	BUILDING - (CONCRETE) - RENOVA	85,581
					CABLES TRAYS AND CONDUIT	6,976
					CONTROL CABLES	41,517
					CONTROL, METERING AND RELAYING	65,065
					FIRE FIGHTING EQUIPMENT - BLDG	21,830
					FIRE PROTECTION SYSTEM	5,286
					FOUNDATION (CONCRETE) FOR EQUI	69,903
					POWER TRANSFORMER - (200KVA PW	23,066
					POWER TRANSFORMER - (37.5KV ST	13,840
					RESISTORS - (3.5 OHM RESISTOR	7,610
					RESISTORS - (3.87 OHM RESISTOR	7,610
					REV METERING EQUIPMENT - (LINE	2,456
					REV METERING EQUIPMENT - (LINE	1,228
					STRUCTURAL SUPPORT - (STEEL)	69,585
					SWITCHING - H.V. (BUSWORK AND	125,112
					[] [] [] [] [] []	
			TS Ancillary	CBF Freq. Converter Stn.	MAIN EXCITER 60 CYCLE,CBF CS	33,823
					PILOT EXCITER,CBF CS	2,092
			1/16/1982 TS Ancillary	CBF Freq. Converter Stn.	MAIN EXCITER,50 CYCLE,CBF CS	-
			11/30/1985 Terminal Stations	CBF Term Stn, Freq. Conv..	CONTROL, METERING AND RELAYING	7,833
			7/23/1986 Terminal Stations	CBF Term Stn, Freq. Conv..	FIRE PROTECTION SYSTEM - BLDG	18,968
			8/31/1987 Terminal Stations	BFD Brookfield Repeater	REV METERING EQUIP - (FIBERGL	2,661
				PAS PASADENA SUBSTATION	REV METERING EQUIP - (FIBERGLA	2,661
			9/12/1987 Terminal Stations	CBF Term Stn, Freq. Conv..	CONTROL, METERING AND RELAYING	19,765
			3/9/1988 Terminal Stations	BFD Brookfield Repeater	REV METERING EQUIP - (SANGAMO	2,522
				MDR Term Stn, Massey Drive	REV METERING EQUIP - (SANGAMO	2,522
				PAS PASADENA SUBSTATION	REV METERING EQUIP - (SANGAMO	2,522
			12/15/2001 Terminal Stations	CBF Freq. Converter Stn.	COMPRESSOR 1 ,CBF CS	9,010
					[] [] [] [] [] []	
			12/31/2003 Terminal Stations	CBF Term Stn, Freq. Conv..	Meter, Multifunction	31,931
			6/1/2006 General Plant	CBF Freq. Converter Stn.	VHF BASE STATION RADIO	13,190
			8/4/2006 General Plant	CBF Freq. Converter Stn.	Telular Phonecell CDMA	1,311
			12/11/2006 Terminal Stations	CBF Freq. Converter Stn.	BATTERY CHARGER, CBF CS	7,657
			7/16/2007 Terminal Stations	CBF Term Stn, Freq. Conv..	FALL ARREST PROTECTION SYSTEM	9,878
					TRANSFORMER T1, CBFTS	920,764
			12/18/2007 Terminal Stations	CBF Freq. Converter Stn.	OIL WATER SEPARATOR, CBF CS	3,050
			12/19/2007 Terminal Stations	CBF Freq. Converter Stn.	50 Hz Assessment 2006	28,009
			12/20/2007 Terminal Stations	CBF Freq. Converter Stn.	60 Hz Assessment, 2006	28,009
					VENTILATION UPGRADE 2006	33,135
					[] [] [] [] [] []	
			12/19/2008 Terminal Stations	CBF Term Stn, Freq. Conv..	WALL BUSHING 129TA APH, CBF TS	6,923
					WALL BUSHING 129TA BPH, CBF TS	6,923
					WALL BUSHING 129TA CPH, CBF TS	6,923
					WALL BUSHING 229TB APH, CBF TS	6,923
					WALL BUSHING 229TB BPH, CBF TS	6,923
					WALL BUSHING 229TB CPH, CBF TS	6,923
			12/29/2008 Terminal Stations	CBF Freq. Converter Stn.	50 CY ROTOR REWIND, CBFC	350,925
					60 CY ROTOR REWIND, CBFC	727,922
					BEARING # 4, CBFC	85,254
					VENTILATION UPGRADE 2008 CBFC	616,592
				CBF Term Stn, Freq. Conv..	WALL BUSHING T1 A PH, CBF TS	22,757
					WALL BUSHING T1 B PH, CBF TS	22,757
					WALL BUSHING T1 C PH, CBF TS	22,757

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1/1/1969 Terminal Stations	WAV Term Stn, Westerm Avalon	RIGHT-OF-WAY	13,753
11/30/1995 Transmission	WHB TL 208, WAV to LHR	PT TL208 B PH,WAV TS	5,684
		RIGHT OF WAY	8,637
[]	[]	[]	[]
[]	[]	[]	[]
1/10/2012 Terminal Stations	VBN Voisey's Bay Nickel	125 VDC CHARGER, VBN TS	55,807
1/12/2012 Terminal Stations	VBN Voisey's Bay Nickel	125 VDC DIST PANEL, VBN TS	27,330
1/20/2012 Terminal Stations	VBN Voisey's Bay Nickel	125 VDC BATTERIES, VBN TS	79,409
		AC DISTRIBUTION PANEL, VBN TS	11,601
		BREAKER FAIL PROT, VBN TS	63,841
		BREAKER, B1T1, VBN TS	369,138
		BREAKER, B1T2, VBN TS	369,138
		BUS WORK, VBN TS	159,732
		BUSHING H1, T1, VBN TS	9,622
		BUSHING H1, T2, VBN TS	9,622
		BUSHING H2, T1, VBN TS	9,622
		BUSHING H2, T2, VBN TS	9,622
		BUSHING H3, T1, VBN TS	9,622
		BUSHING H3, T2, VBN TS	9,622
		BUSHING X0, T1, VBN TS	2,594
		BUSHING X0, T2, VBN TS	2,594
		BUSHING X1, T1, VBN TS	2,594
		BUSHING X1, T2, VBN TS	2,594
		BUSHING X2, T1, VBN TS	2,594
		BUSHING X2, T2, VBN TS	2,594
		BUSHING X3, T1, VBN TS	2,594
		BUSHING X3, T2, VBN TS	2,594
		BUSHING Y0, T1, VBN TS	2,594
		BUSHING Y0, T2, VBN TS	2,594
		BUSHING Y1, T1, VBN TS	2,594
		BUSHING Y1, T2, VBN TS	2,594
		BUSHING Y2, T1, VBN TS	2,594
		BUSHING Y2, T2, VBN TS	2,594
		BUSHING Y3, T1, VBN TS	2,594
		BUSHING Y3, T2, VBN TS	2,594
		CABLE RACEWAY, VBN TS	52,094
		DISCONNECT, B1L08, VBN TS	-
		DISCONNECT, B1T1-1, VBN TS	-
		DISCONNECT, B1T2-1, VBN TS	112,651
		FENCE, VBN TS	3,431
		FIRE PROT / DET, VBN TS	1,245
		GND SW, L08G, VBN TS	56,451
		GROUNDING, VBN TS	37,771
		HEAT,LIGHT,VENT,SECUR,VBN TS	26,166
		HV ARRESTERS, T1, VBN TS	4,937
		HV ARRESTERS, T2, VBN TS	4,937
		LV (X) ARRESTERS, T1, VBN TS	2,594
		LV (Y) ARRESTERS, T1, VBN TS	2,594
		LV (Y) ARRESTERS, T2, VBN TS	2,594
		LV(X) ARRESTERS, T2, VBN TS	2,594
		NEUT GND RESISTOR(X) T2 VBN TS	4,937
		NEUT GND RESISTOR(X)T1, VBN TS	-
		NEUT GND RESISTOR(Y) T2 VBN TS	4,937
		NEUT GND RESISTOR(Y)T1, VBN TS	-
		POST INSULATORS(230KV), VBN TS	78,501
		POWER & CONTROL CABLES, VBN TS	439,120
		PT B1 C PH, VBN TS	52,334
		PT, B1, A PH, VBN TS	52,334
		PT, B1, B PH, VBN TS	52,334
		REVENUE METERING, VBN TS	27,330
		STATION CONTROL, HMI, VBN TS	89,185
		SUPPORT STR, FOOTINGS, VBN TS	28,885
		T1 PROTECTION A, VBN TS	114,529
		T1 PROTECTION B, VBN TS	114,529
		T2 PROTECTION A, VBN TS	114,529
		T2 PTOTECTION B, VBN TS	114,529
		TAP CHANGER, T1, VBN TS	9,622
		TAP CHANGER, T2, VBN TS	9,622
		TL208 PROTECTION, VBN TS	79,249
		TRANSFORMER T1, VBN TS	-
		TRANSFORMER T2, VBN TS	401,880
		YARD LIGHTING, VBN TS	26,166
[]	[]	[]	[]

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		WAV Term Stn, Western Avalon	TL208 PROTECTION, WAV TS	160,443
		[]	[]	[]
		[]	[]	[]
			[]	[]
			[]	[]
			[]	[]
10/17/2012 Transmission		WHB TL 208, WAV to LHR	AA236 Type , Steel Towers	1,259,888
			Anchors For V-towers	168,324
			A-Type (CAC) Steel Tower	122,482
			DD236 Type Steel Towers	452,758
			NDD Type Steel Tower SS	398,307
			Tower Foundations Self S	3,125,973
10/18/2012 Transmission		WHB TL 208, WAV to LHR	# 1 Steel Counterpoise	43,379
			804 kmcil Conductor	299,026
			Insulators Suspension	401,727
			Overhead Ground Wire	83,485
			suspension insulators	122,903
6/28/2016 Terminal Stations		VBN Voisey's Bay Nickel	Trans T1,Insp./Oil Process,VBN	345,511
12/1/2018 Terminal Stations		BIF Bishops Falls Regional	Upgrade Power Transformers - Various Sites	3,480
	Vale Total			10,739,813
INT Total				75,485,354

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Newfoundland and Labrador Hydro
2019 Test Year Specifically Assigned Assets Details - Newfoundland Power (\$)

Revised:

System	Customer Code	In-Service	Function Description	Major Asset Group	Description	Capital Cost
INT	NP	[]	[]	[]	[]	[]
		[]	[]	[]	[]	[]
		[]	[]	[]	[]	[]
		[]	[]	[]	[]	[]
		[]	[]	[]	[]	[]
		[]	[]	[]	[]	[]
		1/1/1966	Terminal Stations	SSD Term Stn, Sunnyside	METERING TANK,SSD TS	2,500
		1/1/1967	Terminal Stations	MDR Term Stn, Massey Drive	DISCONNECT,B2L352-1,MDR TS	2,913
					DISCONNECT,B2L356-1,MDR TS	2,913
					DISCONNECT,B3L351-1,MDR TS	2,913
					DISCONNECT,B3L357-1,MDR TS	2,913
					DISCONNECT,B4L1-1,MDR TS	-
					EXPORT METER, TYPE DSW-64 BY C	625
					IMPORT METER, TYPE DSW-64 BY C	625
				WAV Term Stn, Westerm Avalon	TRANSFORMER T4,WAV TS	143,000
		[]	[]	[]	[]	[]
		[]	[]	[]	[]	[]
		1/1/1968	Terminal Stations	BBK Bottom Brook	CONTROL, METERING & RELAY PANE	8,277
					CT 400L A PH,BBK TS	1,654
					CT 400L B PH,BBK TS	1,654
					CT 400L C PH,BBK TS	1,654
					DISCONNECT,B2T2,BBK TS	-
					TRANSFORMER T2,BBK TS	106,823
				BLA Term Stn, Bay L Argent	BUS WORK, BLA TS	4,762
					CONTROL METERING & RELAY PANEL	6,920
					FOUNDATIONS (CONCRETE) FOR EQU	2,853
					WOOD POLE STRUCT - (2 -45' WO	541
					WOOD POLE STRUCT - (4 - 25' W	1,083
					WOOD POLE STRUCT - (4 - 40' W	1,083
				DLS Term Stn, Doyles	BUILDING STRUCTURE,DLS TS	31,912
					Buswork & Hardware	6,630
					CABLE TRENCH -124' @ 30" WIDE	14,574
					CONCRETE FOUNDATION FOR EQUIP.	20,869
					CONTROL CABLE	6,882
					CONTROL, METERING RELAYING PAN	6,449
					CONTROL,METERING & RELAYING PA	11,084
					DISCONNECT SWITCH WITH GRND SW	2,782
					DISCONNECT SWITCH WITH GRND.SW	1,358
					DISCONNECT SWITCH, 138 KV, ITE	6,200
					DISCONNECT SWITCH, 69 KV, ITE,	2,462
					DISCONNECT,B1L15-1,DLS TS	2,462
					DISCONNECT,B1T1-1,DLS TS	2,462
					FENCE,DLS TS	5,392
					GROUND,L14AG,DLS TS	2,782
					LAND IMPROVEMENT (LAND CLEARIN	19,397
					LIGHTING FIXTURE	1,818
					LIGHTINH FIXTURE	909
					post type insulators	353
					PUMP SYSTEM	1,149
					SEWAGE SYSTEM,DLS TS	2,792
					STRUCTURAL SUPPORT - STEEL, 25	18,124
					Suspension Insulators 50KV	240
					WATER SUPPLY SYSTEM - WELL @ 1	6,140
				GBA Term Stn, Grand Bay	PT TL215 A PH,GBA TS	2,912
					PT TL215 B PH,GBA TS	2,912
					PT TL215 C PH,GBA TS	2,912
				LLK Term Stn, Linton Lake	REVENUE METER - TERMINAL - LIN	4,041
					REVENUE METERING - TERMINAL -	1,959
			Transmission	SVL TL 214, BBK to DLS	ANCHORS FOR GUYED TOWERS	267,803
					CONDUCTOR 266.8 MCM ACSR 26/7	384,473
					FOUNDATIONS FOR METAL TOWERS	296,936
					METAL TOWERS (GUYED)	735,544
					METAL TOWERS (RIDGED)	35,930
					Overhead Ground Wire	3,544
					RIGHT-OF-WAY	198,434
				SVL TL 215, DLS to PAB	153.6 ACSR, 6/13 STR,	90,025
					4/0 BARE ACSR,6/1 STR, PENGUIN	109,415
					RIGHT-OF-WAY	22,195
					wood pole struct- 1 pole	329,806
					WOOD POLE STRUCTURES (3 PO	34,672

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	WHB TL 216, WAV to BLK	CONDUCTOR	37,462
		RIGHT-OF-WAY	1,626
		SUSPENSION TYPE INSULATORS	5,635
		wood pole structures	70,278
4/16/1968 Terminal Stations	DLS Term Stn, Doyles	ANNUNCIATOR,DLS TS	16,506
	SPL Term Stn, Springdale	REVENUE METERING,SPL TS	2,392
6/12/1968 Terminal Stations	DLS Term Stn, Doyles	PT B1 A PH,DLS T.S.	-
		PT B1 B PH,DLS TS	-
		PT B1 C PH,DLS TS	-
		PT TL214 B PH & W/TRAP,DLS TS	-
10/15/1968 Terminal Stations	HRD Term Stn, Holyrood	HV ARRESTORS T7,HRD TS	16,174
	LLK Term Stn, Linton Lake	Buswork & Hardware, LLK TS	14,579
		Cable Raceway, LLK TS	1,549
1/1/1969 Terminal Stations	BLA Term Stn, Bay L Argent	SWITCHING - H.V.-(138 KV DISC S	1,379
		SWITCHING - H.V.(138KV DISC SWI	1,379
	RVH Riverhead Terminal Station	BUSWORK & HARDWARE - SWITCHING	10,000
		CONTROL METERING & RELAY PANEL	4,000
		FENCING - RIVERHEAD	4,000
		METER UNIT - CONTROL METERING	3,000
		OIL CIRCUIT BREAKER - RIVERHEA	16,000
		POWER TRANSFORMER - RIVEHEAD	35,000
		SWITCHING - H.V. - DISCONNECT	11,000
		SWITCHING - RECLOSURES - RIVER	6,000
	TRP Trepassey Terminal Station	FENCING - TREPASSEY	4,000
		METER UNIT - CONTROL METERING	3,000
		SWITCHING - BUSWORK & HARDWARE	8,000
		SWITCHING - H.V. - DISCONNECT	9,000
		SWITCHING - RECLOSURES - TREP	6,000
		TRANSFORMER - 69KV - 25/12.5KV	34,000
	WAV Term Stn, Westerm Avalon	CT 64L A PH,WAV TS	9,723
		CT 64L B PH,WAV TS	9,723
		CT 64L C PH,WAV TS	9,723
		DISCONNECT,B3T4,WAV TS	19,327
		DISCONNECT,B3T5,WAV TS	34,362
		TRANSFORMER T3,WAV TS	187,163
Transmission	WHB TL 213, BLK To TRP	CONDUCTOR 266.8 MCM ACSA	252,646
		INSULATORS - SUSPENSION TYPE	50,399
		RIGHT-OF-WAY	85,290
		WOOD POLE STRUCTURE	420,665
6/12/1969 Terminal Stations	BBK Bottom Brook	DISCONNECT,L400T2-1,BBK TS	3,115
		PT TL214 B PH & W/TRAP,BBK TS	-
1/1/1970 Terminal Stations	BLK Blaketown Terminal Station	BUSWORK & HARDWARE - BLAKETOWN	6,594
		CIRCUIT BREAKER - BLAKETOWN- 6	17,340
		CONTROL METERING & RELAY PANEL	7,912
		DISCONNECT SWITCHES - BLAKETOW	5,330
		TRANSFORMER - 69KV - BLAKETOWN	6,824
	HRD Term Stn, Holyrood	BREAKER,B13B15,HRD TS	176,151
		BREAKER,B8L39,HRD TS	-
		CT B13B15 A PH,HRD TS	21,335
		CT B13B15 B PH,HRD TS	21,335
		CT B13B15 C PH,HRD TS	14,067
		CT B8L39 B PH,HRD TS	8,034
		CT B8L39 C PH,HRD TS	8,034
		CT B8T6 A PH,HRD TS	6,398
		CT B8T6 B PH,HRD TS	6,398
		CT B8T6 C PH,HRD TS	6,398
		CT B8T7 A PH,HRD TS	6,398
		CT B8T7 B PH,HRD TS	6,398
		CT B8T7 C PH,HRD TS	6,398
		DISCONNECT,B13B15-1,HRD TS	16,701
		DISCONNECT,B13B15-2,HRD TS	16,701
		DISCONNECT,B15T6,HRD TS	3,383
		DISCONNECT,B15T7,HRD TS	37,764
		DISCONNECT,B15T8,HRD TS	37,764
		DISCONNECT,B8L39-1,HRD TS	-
		DISCONNECT,B8L39-2,HRD TS	-
		DISCONNECT,B8T6,HRD TS	84,874
		DISCONNECT,B8T7,HRD TS	84,874
		DISCONNECT,B8T8,HRD TS	84,874
		POWER TRANSFORMER - (INST COST	40,117
		PT B8 A PH,HRD TS	-
		PT B8 B PH,HRD TS	-
		PT B8 C PH,HRD TS	-
		TRANSFORMER T7,HRD TS	180,337
	SPL Term Stn, Springdale	EXPORT DEMAND METER - REV. MET	480

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		WAV Term Stn, Western Avalon	BREAKER,B1B3,WAV TS	52,534
			BREAKER,B2T2,WAV TS	19,125
			BREAKER,B4L64,WAV TS	55,442
			CIRCUIT BREAKER - (69KV OIL F	19,125
			CIRCUIT SWITCHER,B1T1,WAV TS	36,816
			CIRCUIT SWITCHER,B1T2,WAV TS	36,816
			CT B1B3 A PH,WAV TS	5,607
			CT B1B3 B PH,WAV TS	5,607
			CT B1B3 C PH,WAV TS	5,607
			CT B4T3 A PH,WAV TS	2,982
			CT B4T3 B PH,WAV TS	2,982
			CT B4T3 C PH,WAV TS	2,982
			CT B4T4 A PH,WAV TS	2,982
			CT B4T4 B PH,WAV TS	2,982
			CT B4T4 C PH,WAV TS	2,982
			DISCONNECT,B1B3-1,WAV TS	6,679
			DISCONNECT,B1B3-2,WAV TS	6,679
			DISCONNECT,B2T1-1,WAV TS	4,869
			DISCONNECT,B2T2-1,WAV TS	4,869
			DISCONNECT,B3T3,WAV TS	6,679
			POWER TRF - (230KV PWR TRF BY	184,349
			POWER TRF - (230KV PWR TRF BY	171,773
			PT T1 B-C PH,WAV TS	-
			PT T2 B-C PH,WAV TS	-
1/1/1971 Terminal Stations		SVL Term Stn, Stpville Gas	ADD/T COST -GROUND SWITCH , 69	1,889
1/1/1972 Terminal Stations		BLA Term Stn, Bay L Argent	DISCONNECT,L12-1,BLA TS	17,709
			DISCONNECT,L12-2,BLA TS	17,709
		MKS Term Stn, Monkstown	METERING TANK,MKS TS	7,362
1/1/1974 Terminal Stations		GBA Term Stn, Grand Bay	CT TL215 A PH,GBA TS	3,117
			CT TL215 B PH,GBA TS	3,117
			CT,TL215 C PH,GBA TS	3,117
		HWD Term Stn, Hardwoods	REVENUE METERING EQUIP - (REVE	2,200
1/1/1976 Terminal Stations		HRD Term Stn, Holyrood	CONTROL CABLE	243
			LAND IMPROVEMENTS	6,531
			MOTOR MECH FOR 230KV DISCONNEC	5,289
			SWITCHING - H. V. (BUSWORK AND	2,298
1/1/1977 Terminal Stations		BBK Bottom Brook	GROUND SWITCH, 69 KV, HAND BY	1,038
Transmission		SVL TL 215, DLS to PAB	ADD. COST RE ASSET 011557	2,047
6/12/1977 Terminal Stations		DLK Term Stn, Deer Lake	METERING TANK,DLK TS (N.POWER)	2,157
7/17/1977 Terminal Stations		BBK Bottom Brook	EXPORT METER, DSW-65	600
			IMPORT METER, DSW-65	600
		GBA Term Stn, Grand Bay	DEMAND METER	1,201
1/1/1978 Terminal Stations		HLY Term Stn, Howley	DEMAND ENERGY METER,SANGAMO,TY	1,429
		HRD Term Stn, Holyrood	138KV MOTORIZED DISC SWITCH BY	10,506
			CABLE TRENCH AND DUCTS	11,636
			CONTROL CABLE	8,468
			CONTROL, METERING AND RELAYING	21,029
			FOUNDATIONS (CONCRETE) FOR EQU	21,778
			GROUNDING	5,732
			LAND IMPROVEMENTS	17,042
			LIGHTING SYSTEM - SWITCHYARD	5,539
			POWER TRANSFORMER - (INST COST	40,440
			STRUCTURAL SUPPORT - STEEL	55,630
			SWITCHING - H.V. (BUSWORK AND	16,553
		SVL Term Stn, Stpville Gas	CONTROL MTERING & RELAYING PAN	5,151
			GROUND SWITCH, 69 KV BY KEANRE	1,579
Transmission		SVL TL 215, DLS to PAB	ADD. COST RE ASSET 11557	125
TS Export		HRD Term Stn, Holyrood	SWITCHING - H. V. (POST TYPE I	1,787
5/15/1978 Terminal Stations		HRD Term Stn, Holyrood	POWER TRF - (230KV PWR TRF BY	171,730
		WAV Term Stn, Western Avalon	CABLE TRENCH AND DUCTS	1,390
			CONTROL CABLE	20,565
			CONTROL, METERING AND RELAYING	16,316
			FENCING	7,043
			FOUNDATION (CONCRETE) FOR EQUI	132,552
			GROUNDING	19,744
			LIGHTING SYSTEM - SWITCHYARD	1,668
			REVENUE METERING EQUIPMENT - (2,920
			STRU;CTURAL SUPPORTS - STEEL	63,944
			SWITCHING - H. V. (230KV GROU	2,145
			SWITCHING - H.V. (138KV GROUN	2,145
			SWITCHING - H.V. (230KV GROUN	2,145

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1/1/1979 Terminal Stations	HRD Term Stn, Holyrood	SWITCHING - H.V. (BUSWORK AND	28,041
	OPD Term Stn, Oxen Pond	REVENUE METERING EQUIPMENT - (1,343
2/1/1979 Terminal Stations	WAV Term Stn, Westerm Avalon	REV METERING EQUIP - (TERM ME	703
		CONTROL CABLE - (ADDT COST)	8,284
		CONTROL, METERING AND RELAYING	45,623
		GROUNDING - (ADDT COST)	1,086
		LIGHTING SYSTEM - SWITCHYARD (599
		POWER TRANSFORMER - (ADD'T CO	82,495
		STRUCTURAL SUPPORTS - STEEL	15,254
		SWITCHING - H. V. (138KV MOTO	7,131
		SWITCHING - H. V. (BUSWORK AN	6,218
		SWITCHING - H.V. (138KV MOTOR	7,131
8/4/1979 Terminal Stations	HRD Term Stn, Holyrood	CABLE TRENCH AND DUCTS	7,926
		CONTROL CABLE	8,106
		CONTROL, METERING AND RELAYING	30,123
		FENCING - CHAIN LINK	1,821
		FOUNDATIONS (CONCRETE) FOR EQU	48,908
		GROUNDING	10,960
		LAND IMPROVEMENTS	8,505
		LIGHTING SYSTEM - SWITCHYARD	937
		MOTOR MECH FOR DISC SWITCH	3,066
		POWER CABLES - (5KV AND ABOVE)	165
		POWER TRANSFORMER - (ADDT COST	80,235
		REVENUE METERING EQUIPMENT - (4,640
		STRUCTURAL SUPPORTS - STEEL	47,671
		SWITCHING - H. V. (POST TYPE	2,734
		SWITCHING - H. V. (SUSPENSION	6,445
1/1/1980 Terminal Stations	BLA Term Stn, Bay L Argent	SWITCHING - H.V. (BUSWORK AND	2,768
		CMR - (REV METERING PANEL ENCL	1,301
		RME - (DSW-65 EXPORT TERMINAL	800
		DEMAND METER	1,844
		REVENUE METERING EQUIP - (REVE	660
		REV METERING EQUIP - (TERMINA	2,900
		REVENUE METERING EQUIPMENT - (1,796
		REVENUE METER, DSW-64 BY C.G.	983
		REVENUE METER, DSW-64 BY C.G.E	983
		CONTROL, METERING AND RELAYING	6,521
		REVENUE METERING EQUIPMENT - (2,807
6/12/1980 Terminal Stations	GBA Term Stn, Grand Bay	BREAKER,B1C1,GBA TS	76,942
		CAPACITOR BANK,GBA TS	73,113
		DISCONNECT,B1C1-1,GBA TS	9,136
		DISCONNECT,B1C1-2,GBA TS	9,136
		GROUND,C1G2,GBA TS	4,986
6/30/1980 Terminal Stations	MKS Term Stn, Monkstown	RME -(PRINTING DEMAND METER, T	2,404
		RME-(DEMAND EXPORT TERM METER,	818
12/31/1980 Terminal Stations	BLA Term Stn, Bay L Argent	METERING TANK,BLA TS	6,604
1/1/1981 Terminal Stations	DLS Term Stn, Doyles	CONTROL, METERING & RELAY PANE	4,939
	HRD Term Stn, Holyrood	POWER TRANSFORMER - (ADDT COS	8,202
	Transmission	Right-of-Ways	10,467
	SVL TL 214, BBK to DLS	Right-of-Ways	10,468
	SVL TL 215, DLS to PAB		
10/11/1981 Terminal Stations	BBK Bottom Brook	FAULT LOCATORS ON TL214	8,032
10/19/1982 Terminal Stations	HRD Term Stn, Holyrood	CABLE TRENCH AND DUCTS	1,120
		CONTROL CABLES	10,965
		CONTROL METERING AND RELAYING	20,654
		FOUNDATION (CONCRETE) FOR	-
		FOUNDATION (CONCRETE) FOR EQUI	70,837
		GROUNDING	6,795
		LAND IMPROVEMENTS	12,980
		LIGHTING SYSTEM - SWITCHYARD	4,721
		STRUCTURAL SUPPORTS - STEEL (2	56,609
		SWITCHING - H.V. (BUSWORK AND	31,011
		SWITCHING - H.V. (SUSPENSION I	10,212
4/13/1983 Transmission	SVL TL 214, BBK to DLS	METAL TOWERS (RIDGED)	116,438
6/9/1983 Terminal Stations	LLK Term Stn, Linton Lake	CONTROL CABLES - REVENUE METER	1,796
		GROUNDING - REVENUE METERING P	827
11/10/1983 Terminal Stations	GBA Term Stn, Grand Bay	Buswork & Hardware	18,365
		CONTROL CABLES	13,210
		CURRENT TRANSFORMER STEEL STRU	3,171
		CURRENT TRANSFORMER, STEEL STR	1,586
		FOUNDATION FOR STRUCTURE - CON	14,093
		GROUNDING	5,956
		post type insulators	2,219
		POTENTIAL TRANSFORMERS, 69KV B	1,653
		POTENTIAL TRANSFORMERS,69KV BY	3,307
		STN CNTRL,METERING REL GBA TS	24,454

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		SUSPENSION INSULATORS, 25 000	350
		WOOD POLE STRUCTURE FOR TERMIN	6,148
2/13/1984 Terminal Stations	PAS PASADENA SUBSTATION	SANGAMO REVENUE METER, TYPE K-	2,339
2/14/1984 Terminal Stations	DLS Term Stn, Doyles	MAGNETIC TAPE RECORDER, TYPE E	1,388
9/20/1986 Terminal Stations	DLS Term Stn, Doyles	DISTANCE RELAYING FOR T/L # 21	14,503
12/30/1986 Terminal Stations	BBK Bottom Brook	ON-LINE FAULT LOCATOR FOR T/L	15,243
11/14/1987 Terminal Stations	BBK Bottom Brook	138 KV DISCONNECT SWITCH STRUC	4,466
		138 KV POST INSULATOR STRUCTUR	1,367
1/1/1988 Terminal Stations	LLK Term Stn, Linton Lake	CT A PH,METERING,LLK TS	11,486
		CT B PH,METERING,LLK TS	11,486
		CT C PH,METERING,LLK TS	12,019
4/29/1988 Terminal Stations	HRD Term Stn, Holyrood	CONTROL, METERING AND RELAYING	19,061
8/29/1989 Terminal Stations	WAV Term Stn, Western Avalon	DISCONNECT SWITCH - 230KV 1050	1,297
8/31/1989 Terminal Stations	HRD Term Stn, Holyrood	CABLE TRENCH AND DUCTS	15,835
		CONTROL CABLE	42,994
		CONTROL, METERING AND RELAYING	35,411
		FENCING - CHAIN LINK FENCING	14,264
		FOUNDATIONS (CONCRETE) FOR EQU	58,005
		GROUNDING	19,874
		LAND IMPROVEMENTS	11,988
		LIGHTING SYSTEM - SWITCHYARD	2,867
		STRUCTURAL SUPPORTS - STEEL (9,450
		STRUCTURAL SUPPORTS - STEEL (1	10,423
		STRUCTURAL SUPPORTS - STEEL (2	14,796
		SWITCHING - H. V. (SUSPENSION	9,749
		SWITCHING - H.V. (138KV POST T	2,653
		SWITCHING - H.V. (BUSWORK AND	18,831
	SSD Term Stn, Sunnyside	MISCELLANEOUS _SPARE PARTS	36,827
		POWER TRANSFORMER - (69KV POWE	1,346,248
9/24/1989 Terminal Stations	DLS Term Stn, Doyles	CONTROL CABLE - # 12 - 2 CONDU	920
		CONTROL CABLE - # 12 - 4 CONDU	2,244
		CONTROL CABLE - # 18 - 2 CONDU	1,120
		CONTROL CABLES, # 8-4 CONDUCTO	4,137
		CONTROL,METERING & RELAYING -	29,724
		FOUNDATION - CONCRETE FOR STOR	4,897
		FOUNDATION - CONCRETE FOR TRAN	6,111
		GROUNDING	9,128
		POWER TRANSFORMER, 25/33/41.6	974,381
		PRE-CASTCABLE TRENCH FOR TRANS	8,575
		SITE PREPARATION FOR TRANSFORM	12,202
10/30/1989 Transmission	SVL TL 215, DLS to PAB	SURVEY STAGE II TRANSMISSION L	18,585
1/9/1990 Terminal Stations	WAV Term Stn, Western Avalon	CABLE TRENCH & DUCTS - PRE-CAS	13,289
		CONTROL CABLE - CONDUCTOR WIRE	27,112
		CONTROL, METERING & RELAY PANE	41,642
		DISCONNECT SWITCHES - JOSLYN R	181,253
		FENCING FOR TRANSFORMER ADDITI	14,246
		FOUNDATION FOR EQUIP - 138KV D	1,692
		FOUNDATION FOR EQUIP- PAD FOR	11,043
		FOUNDATION FOR EQUIP. - 138 KV	10,143
		FOUNDATION FOR EQUIP. - 230 KV	2,534
		FOUNDATION FOR EQUIPMENT - 138	14,650
		FOUNDATION FOR EQUIPMENT - 230	16,284
		LAND IMPROVEMENT - CLEARING FO	58,821
		POWER TRANSFORMERS - 75/10	-
		POWER TRANSFORMERS - 75/100/12	1,170,724
		Retired	-
		ROADS - UPGRADING OF ROAD LEAD	9,447
		STORM DRAINAGE SYSTEM WESTERN	21,338
		STRUCTURAL (WOOD & STEEL) - 13	8,645
		STRUCTURAL STEEL - 138 KV DISC	12,082
		STRUCTURAL STEEL - 230 KV DISC	32,033
		STRUCTURAL STEEL - 230 KV POST	3,271
		SUSPENSION INSULATORS - 230 KV	4,196
		SWITCHING - 138KV STATION POST	4,187
		SWITCHING - 230 KV STATION POS	2,966
		SWITCHING - H.V. - BUSWORK & H	18,800
		SWITCHYARD LIGHTING - HALOPHON	3,095
		TRANSFORMERS - GROUNDING FOR T	22,837
3/30/1990 Terminal Stations	HRD Term Stn, Holyrood	CABLE TRENCH AND DUCTS	8,123
		GROUNDING	3,283
		STRUCTURAL SUPPORTS - STEEL (1	4,779
		STRUCTURAL SUPPORTS - STEEL (P	2,534
		SWITCHING - H.V. (BUSWORK AND	705
9/28/1990 Terminal Stations	DLS Term Stn, Doyles	EQUIPMENT NECESSARY FOR EMS PT	3,889
12/20/1990 Terminal Stations	SPT Salt Pond Metering Equip	REVENUE METERING EQUIPMENT	15,631

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	SSD Term Stn, Sunnyside	CABLE TRENCH & DUCT -(PRECAST CONTROL CABLE - (#12-2 CONTRO	6,023
		CONTROL CABLE - (#12-8 CONTRO	1,558
		CONTROL CABLE - (#18-2 CONTRO	3,038
		CONTROL CABLE - (#18-2 CONTRO	749
		CONTROL CABLE - (#12-4 CONTROL	6,347
		CONTROL CABLES - (#8-4 CONTRO	7,165
		CONTROL, METERING AND RELAYING	61,793
		FOUNDATION (CONCRETE) FOR EQ	6,014
		FOUNDATION (CONCRETE FOR EQUIP	34,082
		GROUNDING -(500MCM & #1/0 COP	12,491
		LAND IMPROVEMENTS	7,617
		LIGHTING SYSTEM - SWITCHYARD	3,833
		PT TL219 A PH,SSD TS	14,813
		PT TL219 B PH,SSD TS	14,813
		PT TL219 C PH,SSD TS	14,813
		STRUCTURAL SUPPORTS - STEEL (1	35,993
		STRUCTURAL SUPPORTS - STEEL (A	6,488
		SWITCHING - H.V. (POST TYPE I	14,240
		SWITCHING - H.V. (SUSPENSION	7,542
		SWITCHING - H.V. (BUSWORK AND	49,804
Transmission	WHB TL 219, SSD to SPT	CONDUCTOR 477 AASC	3,883,199
		LAND	9,167
		Overhead Ground Wire	4,000
		Right-of-Ways	330,253
		SUSPENSION INSULATORS (15000LB	686,309
		SUSPENSION INSULATORS (25000LB	136,388
		SUSPENSION TYPE INSULATORS	3,777
		SUSPENSION TYPE INSULATORS 120	35,169
		WOOD POLE STRUCTURES TYPE	4,230,043
		WOOD POLE STRUCTURES TYPE A	2,666,765
		WOOD POLE STRUCTURES TYPE AA	49,733
		WOOD POLE STRUCTURES TYPE AAW	142,199
		WOOD POLE STRUCTURES TYPE AG	10,464
		WOOD POLE STRUCTURES TYPE AGW	20,760
		WOOD POLE STRUCTURES TYPE AWX	208,010
		WOOD POLE STRUCTURES TYPE AX	47,173
		WOOD POLE STRUCTURES TYPE B	201,216
		WOOD POLE STRUCTURES TYPE BB	22,704
		WOOD POLE STRUCTURES TYPE C	172,874
		WOOD POLE STRUCTURES TYPE D	295,940
		WOOD POLE STRUCTURES TYPE E	341,239
		WOOD POLE STRUCTURES TYPE EE	73,531
		WOOD POLE STRUCTURES TYPE EEX	42,142
		WOOD POLE STRUCTURES TYPE H	216,885
		WOOD POLE STRUCTURES TYPE T	43,046
		WOOD POLE STRUCTURES TYPE TW	30,783
7/29/1991 Terminal Stations	MMT Marble Mount	KWH METER & SOLID STATE RECORD	6,791
10/11/1991 Terminal Stations	DLS Term Stn, Doyles	FAULT LOCATOR ON TL 215	8,032
12/12/1991 Terminal Stations	DLS Term Stn, Doyles	LAND SURVEY	7,522
1/28/1992 Terminal Stations	BBK Bottom Brook	DATASTAR RECORDER (REMOVE 1 -	2,392
	BLA Term Stn, Bay L Argent	CMR -(DATASTAR RECORDER, MOD#	2,498
	BUC Term Stn, Buchans	DATASTAR RECORDER (REMOVE 1- E	2,392
	DLS Term Stn, Doyles	DATASTAR RECORDER (REMOVE 1- E	2,392
	GBA Term Stn, Grand Bay	DATASTAR RECORDER (REMOVE ETR)	2,392
	HRD Term Stn, Holyrood	CONTROL, METERING AND RELAYING	2,498
	IRV Term Stn, Indian River	DATASTAR RECORDER (REMOVE 1 ET	2,392
	LLK Term Stn, Linton Lake	CONTROL,METERING & RELAYING-DA	2,498
	MDR Term Stn, Massey Drive	DATA STAR RECORDER - (REMOVE 1	2,392
		DATA STAR RECORDER (REMOVE 1 E	2,392
	MKS Term Stn, Monkstown	RME - (DATASTAR RECORDER, MOD#	2,498
	OPD Term Stn, Oxen Pond	REV METERING EQUIP - (SOLID S	2,498
	SCR Seal Cove Rd	DATASTAR RECORDER	2,392
	SSD Term Stn, Sunnyside	REVENUE METERING EQUIP - (2 D	4,996
	STB Term Stn, Stoney Brook	DATASTAR RECORDER	2,392
		DATASTAR RECORDER (REMOVE 1 EA	2,392
	WAV Term Stn, Westerm Avalon	CONTROL, METERING & RELAY PANE	4,996
5/4/1992 Terminal Stations	DLS Term Stn, Doyles	CONTROL CABLES	2,384
8/17/1992 Transmission	SVL TL 215, DLS to PAB	SUPPLY/INSTALL LINE POST TYPE	283,915
9/26/1994 Transmission	SVL TL 214, BBK to DLS	CAHINETTE TYPE POLE STRUCTURE	17,858
		CHAINETTE TYPE POLE STRUCTURE	17,858
11/30/1994 Terminal Stations	DLS Term Stn, Doyles	CONTROL CABLE (#12-2,12-4)	109
		CONTROL CABLE (#18-2 CONDUCTOR	2,485
12/31/1996 Terminal Stations	SSD Term Stn, Sunnyside	REINHAUSEN OIL FILTERING SYSTE	31,346
3/31/1999 Terminal Stations	WAV Term Stn, Westerm Avalon	BREAKER FAILURE,WAV TS	41,819
7/1/2000 Terminal Stations	BBK Bottom Brook	PT TL214 A PH & W/TRAP,BBK TS	14,821

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12/8/2000 Terminal Stations	DLS Term Stn, Doyles BBK Bottom Brook	PT TL214 A PH ,DLS TS FOUNDATIONS CONCRETE FOR CVT	14,821 7,470
	DLS Term Stn, Doyles	FOUNDATIONS CONCRETE FOR CVT	7,470
7/31/2001 Transmission	SVL TL 215, DLS to PAB	Wood Pole Structures (1 Pole)	42,240
12/30/2002 Terminal Stations	HRD Term Stn, Holyrood	Modify 138kv breaker panel	20,650
5/30/2003 Transmission	SVL TL 215, DLS to PAB	50' WOOD POLES	14,171
10/13/2003 Transmission	SVL TL 215, DLS to PAB	55' WOOD POLES	9,060
		65' WOOD POLES	17,943
		insulators lp 69k horizontal	7,135
8/16/2004 Transmission	SVL TL 214, BBK to DLS	Conductor 795 ACSR	434,397
		Insulators-suspension type	1,604,821
		STEEL TOWERS (RIGID) Type DD	1,509,566
		STEEL TOWERS Type A	543,571
		Wood "H" Type AWS Structures	146,108
		Wood "H" Type G Structures	55,597
10/19/2004 Terminal Stations	SVL Term Stn, Stpville Gas	CT L405 C PH,SVL TS	2,328
11/2/2004 Terminal Stations	BBK Bottom Brook	LV ARRESTORS T2, BBKTS	6,968
11/30/2004 Transmission	SVL TL 215, DLS to PAB	Pole Program Replacement 2004	30,656
12/22/2004 Terminal Stations	SSD Term Stn, Sunnyside	109L Protection Addition	30,951
		protection 2004 additions	30,951
12/17/2005 Transmission	SVL TL 215, DLS to PAB	TL215, WPLM 2005 REFURBISHMENT	126,114
8/25/2006 Terminal Stations	BBK Bottom Brook	HV ARRESTORS T2, BBKTS	9,652
11/23/2006 Terminal Stations	BBK Bottom Brook	PT 400L A PH, BBK TS	12,943
		PT 400L B PH, BBKTS	18,457
		PT 400L C PH, BBKTS	12,943
12/6/2006 Transmission	WHB TL 219, SSD to SPT	TL219, WPLM 2006 ASSESSMENT	34,995
12/11/2006 Terminal Stations	WAV Term Stn, Western Avalon	HV ARRESTORS T2, WAV TS	13,923
		LV ARRESTORS T2, WAVTS	6,828
12/12/2006 Terminal Stations	BBK Bottom Brook	400L LINE PROTECTION UPGRADE	36,219
		TL 214 LINE PROTECTION UPGRADE	36,219
12/11/2007 Transmission	WHB TL 219, SSD to SPT	TL219, WPLM 2007 INSPECTION	143,645
		TL219, WPLM 2007 REFURBISHMENT	5,999
1/1/2008 Terminal Stations	DLS Term Stn, Doyles	RIG-D Beam Ice Monitoring	9,800
12/2/2008 Transmission	SVL TL 215, DLS to PAB	TL215, WPLM 2008 INSPECTION	35,472
		TL215, WPLM 2008 REFURBISHMENT	360,185
		TL219, WPLM 2008 INSPECTION	208,837
12/16/2008 Terminal Stations	DLS Term Stn, Doyles	ROOF, DLS TS	22,175
12/19/2008 Transmission	WHB TL 219, SSD to SPT	TL219, WPLM 2008 REFURBISHMENT	6,110
12/31/2008 Terminal Stations	HRD Term Stn, Holyrood	FALL ARREST PROTECTION SYSTEM	2,001
	SSD Term Stn, Sunnyside	FALL ARREST PROTECTION SYSTEM	2,001
5/13/2009 Terminal Stations	WAV Term Stn, Western Avalon	PT, B4, BPH, WAV TS	8,045
12/9/2009 Transmission	SVL TL 215, DLS to PAB	TL215, WPLM 2009 INSPECTION	37,982
		TL215, WPLM 2009 REFURBISHMENT	233,113
		TL219, WPLM 2009 INSPECTION	170,513
12/14/2009 Terminal Stations	DLS Term Stn, Doyles	FALL ARREST PLATES T1, DLS TS	2,102
	GBA Term Stn, Grand Bay	GROUNDING UPGRADE GBA TS, 2009	2,900
	WAV Term Stn, Western Avalon	UPGRADE T4, WAV TS (2009)	5,429
12/15/2009 Terminal Stations	DLS Term Stn, Doyles	GROUNDING UPGRADE, DLS TS 2009	1,716
9/30/2010 Terminal Stations	WAV Term Stn, Western Avalon	BUSHING X1,T1 WAV TS	9,127
		BUSHING X2,T1 WAV TS	9,127
		BUSHING X3,T1 WAV TS	9,127
11/5/2010 Transmission	SVL TL 215, DLS to PAB	TL215, WPLM REFURBISHMENT	111,939
11/12/2010 Transmission	WHB TL 219, SSD to SPT	TL219, WPLM 2010 INSPECTION	258,305
11/23/2010 Transmission	SVL TL 215, DLS to PAB	TL-215 REPLACE GUY WIRE ,2010.	326,487
12/6/2010 Terminal Stations	SVL Term Stn, Stpville Gas	PT, 405L, BPH (MAT), SVL TS	9,065
	WAV Term Stn, Western Avalon	PT, B4, APH, WAV TS	13,598
		PT, B4, CPH, WAV TS	13,598
12/7/2010 Terminal Stations	SVL Term Stn, Stpville Gas	PT, 405L, APH (MAT) SVL TS	9,065
		PT, 405L, CPH (MAT) SVL TS	9,065
12/10/2010 Terminal Stations	DLS Term Stn, Doyles	TRF UPGRDE T1, DLS TS (2010)	91,274
12/13/2010 Terminal Stations	DLS Term Stn, Doyles	GROUNDING UPGRADE,DLS TS 2010	28,632
9/19/2011 Transmission	WHB TL 219, SSD to SPT	TL219 WPLM 2011 INSPECTION	226,653
10/6/2011 Terminal Stations	SSD Term Stn, Sunnyside	TRF UPGRADE T8, SSD TS (2011)	35,521
12/1/2011 Transmission	SVL TL 215, DLS to PAB	TL215 Replace Guy Wire	447,607
12/4/2011 Terminal Stations	SVL Term Stn, Stpville Gas	405L PT, A PH, SVL TS (LABOUR)	4,319
		405L PT, B PH, SVL TS (LABOUR)	4,319
		405L PT, CPH, SVL TS, (LABOUR)	3,955
		L405 CT, A PH, SVL TS	19,174
		L405 CT, B PH, SVL TS	24,906
12/5/2011 Terminal Stations	DLS Term Stn, Doyles	INSULATORS, DLS TS, (2011)	9,737
2/8/2012 Terminal Stations	BBK Bottom Brook	Bushing H1,T2,BBK TS	3,591
		Bushing H2,T2,BBK TS	3,591
		Bushing H3,T2,BBK TS	3,591
7/9/2012 Terminal Stations	WAV Term Stn, Western Avalon	INSULATORS, WAV TS, (2012)	9,381
7/19/2012 Terminal Stations	WAV Term Stn, Western Avalon	TRF Upgrade T5, WAV TS (2012)	14,964

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7/30/2012 Terminal Stations	BBK Bottom Brook	Bushing X1,T2,BBK TS	3,591
		Bushing X2,T2,BBK TS	3,591
		Bushing X3,T2,BBK TS	3,591
9/10/2012 Terminal Stations	DLS Term Stn, Doyles	125 VDC CHARGER, DLS TS	26,488
9/15/2012 Terminal Stations	SSD Term Stn, Sunnyside	TRF Upg SSD T8 (2012)	14,964
10/23/2012 Transmission	WHB TL 219, SSD to SPT	TL-219 , WPLM 2012 Inspections	165,768
10/31/2012 Terminal Stations	WAV Term Stn, Westerm Avalon	Bushing H1,T1,WAV TS	44,892
		Bushing H2,T1,WAV TS	44,892
		Bushing H3,T1,WAV TS	44,892
11/7/2012 Terminal Stations	WAV Term Stn, Westerm Avalon	PT, 64L, BPH, WAV TS	19,117
11/12/2012 Terminal Stations	WAV Term Stn, Westerm Avalon	PT, B4, CPH, WAVTS	19,117
11/14/2012 Terminal Stations	HRD Term Stn, Holyrood	TRF Upgd HRDT6 2012, Rplc Rads	59,856
11/19/2012 Terminal Stations	DLS Term Stn, Doyles	BREAKER B1L15, DLS TS	296,206
12/10/2012 Terminal Stations	BBK Bottom Brook	CT, T2, CPH, BBK TS	-
12/13/2012 Transmission	SVL TL 215, DLS to PAB	TL-215 Replace Guy Wire	256,039
12/21/2012 Terminal Stations	HRD Term Stn, Holyrood	HV ARRESTORS, T6, HRDTS	17,346
		LV ARRESTORS, T6, HRDTS	13,877
7/26/2013 Transmission	SVL TL 215, DLS to PAB	TL-215 Replace Guy Wires	286,721
8/26/2013 Transmission	SVL TL 214, BBK to DLS	TL-214 WPLM Inspections 2013	12,751
	WHB TL 219, SSD to SPT	TL-219, WPLM Inspections 2013	76,504
11/22/2013 Terminal Stations	HRD Term Stn, Holyrood	TRF Upgrade T7, HRDTS (2013)	19,340
	WAV Term Stn, Westerm Avalon	Bushing H1,T1,WAV TS (Install)	19,340
		Bushing H2,T1,WAV TS (Install)	19,340
		Bushing H3,T1,WAV TS (Install)	19,340
12/2/2013 Terminal Stations	BBK Bottom Brook	BREAKER,L400T2,BBK TS	79,892
	DLS Term Stn, Doyles	B1L15 UPGRADE, DLS TS	33,894
12/10/2013 Terminal Stations	DLS Term Stn, Doyles	PT TL 215 B PH,DLS TS	57,682
12/31/2013 Terminal Stations	GBA Term Stn, Grand Bay	Grounding Upgrade,GBA TS(2013)	4,564
5/20/2014 Terminal Stations	HRD Term Stn, Holyrood	LV ARRESTORS, T7, HRD TS	13,796
9/15/2014 Transmission	SVL TL 215, DLS to PAB	TL-215, Replace Guy Wire	476,712
11/7/2014 Terminal Stations	DLS Term Stn, Doyles	125VDC Battery Bank	39,486
12/4/2014 Terminal Stations	HRD Term Stn, Holyrood	HRDTS,B15T7 Insulators	5,495
	WAV Term Stn, Westerm Avalon	WAV B3T4	7,768
	TS Export	HRDTS Insulator Repl	32,743
12/15/2014 Terminal Stations	HRD Term Stn, Holyrood	HRD 39L PT B PHASE - 138kv	24,000
12/18/2014 Terminal Stations	HRD Term Stn, Holyrood	PT B15 B PH, HRD TS	24,700
12/23/2014 Terminal Stations	HRD Term Stn, Holyrood	HRDTS,B8T6,INSULATORS	2,922
12/31/2014 Terminal Stations	DLS Term Stn, Doyles	TRF Upgrade T1, DLS TS (2014)	17,084
6/1/2015 Terminal Stations	SSD Term Stn, Sunnyside	PT 109L A PH,SSD TS	57,356
		PT 109L B PH,SSD TS	57,356
8/20/2015 Transmission	WHB TL 219, SSD to SPT	TL-219, WPLM Refurbishment	15,292
12/31/2015 Terminal Stations	WAV Term Stn, Westerm Avalon	PT B2 A PH,WAV TS	28,678
		PT B2 C PH,WAV TS	28,678
		T1 HV Arrestors 3 Phases	17,888
		T1 LV Arrestors 3 Phases	10,657
8/15/2016 Terminal Stations	BBK Bottom Brook	BREAKER,L400T2,BBK TS	450,036
11/10/2016 Thermal Generation	HRD Term Stn, Holyrood	Arrester HV, T3, A ph, HRD TS	8,110
11/26/2016 Terminal Stations	DLS Term Stn, Doyles	TRF Upgrade T1, DLS TS (2015)	8,281
	WAV Term Stn, Westerm Avalon	TRF Upgrade T1, WAV TS (2015)	14,196
12/15/2016 Transmission	WHB TL 219, SSD to SPT	TL-219,WPLM 2016 Inspections	63,601
9/1/2017 Terminal Stations	HRD Term Stn, Holyrood	Upgrade Terminal Station Protection and Control	1,703,700
12/1/2017 Terminal Stations	BIF Bishops Falls Regional	Replace Instrument Transformers	184,186
		Replace Surge Arrestors - Various Sites	30,357
		Upgrade Circuit Breakers - 2017	1,398,949
12/1/2018 Terminal Stations	BIF Bishops Falls Regional	Replace Disconnects - Various Sites	1,321,376
		Replace Instrument Transformers - Various Sites	178,755
		Replace Protective Relays - Various Sites	519,086
		Replace Surge Arresters - Various	110,553
		Upgrade Power Transformers - Various Sites	827,387
11/1/2019 Terminal Stations	BBK Bottom Brook	Reclosing CBs Various	233,200
12/1/2019 Terminal Stations	BIF Bishops Falls Regional	Replace Disconnect Switches - Various	541,784
		Replace Instrument Transformers (2018)	144,437
		Replace Protective Relays 2018 Various	884,100
		Replace Surge Arresters - Various	117,432
		Upgrade Circuit Breakers - 2019	983,072
		Upgrade Power Transformers 2018-2019	539,193
NP Total			47,714,808