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March 5, 2018

Via Email & Courier

Board of Commissioners of Public Utilities Prince Charles Building 120 Torbay Road, P.O. Box 21040 St. John's, NL A1A 5B2

Attention: Ms. Cheryl Blundon

**Director of Corporate Services & Board Secretary** 

Dear Ms. Blundon:

Re: Newfoundland and Labrador Hydro's 2017 General Rate Application – Review of Industrial Customer Specifically Assigned Assets – Revision 1

Please find enclosed an original and thirteen copies of the Review of Industrial Customers Specifically Assigned Assets Report (Revision 1).

Revisions to this report were done to remove the "Total" column from Appendices A-E as this only represented original costs. Details on the specifically assigned asset component parts can be found in Request for Information (RFI) IC-NLH-103.

If you have any questions, please contact the undersigned.

Yours truly,

NEWFOUNDLAND AND LABRADOR HYDRO

Geoffrey P. Young

Corporate Secretary & General Counsel

GPY/bds

cc: Gerard Hayes - Newfoundland Power

Paul Coxworthy - Stewart McKelvey Stirling Scales

Denis J. Fleming - Cox & Palmer

ecc: Van Alexopoulos - Iron Ore Company

Senwung Luk - Labrador Interconnected Group

Dennis Browne, Q.C. - Consumer Advocate

Dean Porter - Poole Althouse

Benoît Pepin - Rio Tinto

Review of Industrial Customer Specifically Assigned Assets

December 21, 2017

Revised: March 5, 2018

A Report to the Board of Commissioners of Public Utilities



# **Table of Contents**

| 1.0 | Introduction  | . 1 |
|-----|---|-----|
| 2.0 | Review Methodology                                      | . 1 |
| 3.0 | Review Results  | . 2 |
| 3.1 | Corner Brook Pulp & Paper                               | . 2 |
| :   | 3.1.1 Frequency Converter                               | . 2 |
| :   | 3.1.2 Assets at Deer Lake Power                         | . 3 |
| 3.2 | North Atlantic Refining Ltd                             | . 4 |
| 3.3 | 3 Vale Newfoundland & Labrador Limited (VALE)           | . 5 |
| 3.4 | Teck Resources Ltd                                      | . 6 |
| 4.0 | Future Monitoring of Specifically Assigned Expenditures | . 6 |
| 5.0 | Customer Impacts of Revised Assignments                 | . 7 |

# **Appendices**

Appendix A: Corner Brook Pulp and Paper

Appendix B: Deer Lake Power

Appendix C: North Atlantic Refinery Limited

Appendix D: Vale Newfoundland and Labrador Limited

Appendix E: Teck Resources Limited

## 1.0 Introduction

As part of the functionalization process in completing its cost of service study, Hydro determines if any of assets in service in Hydro's rate base should be treated as specifically assigned to a customer or a customer class. Assets that function to serve a single customer exclusively are to be specifically assigned to that customer. Any asset that functions to serve two or more customers is to be assigned as common. Costs derived from the Test Year cost of service study related to specifically assigned customers are to be recovered from those customers that benefit from the specifically assigned assets. Costs related to assets assigned as common to a system are to be recovered from all customer classes on that system.

For several of the Island Industrial Customers, there are current specifically assigned charges in place to recover the costs related to the specifically assigned assets assigned to each customer. The specifically assigned charges are updated at each General Rate Application (GRA) based on the approved Test Year cost of service study.

In its response to 2017 GRA Request for Information (RFI) IC-NLH-103 and IC-NLH-147, Hydro committed to undertake a full review of its assets to ensure accuracy of the specifically assigned charges for 2018 and 2019. The purpose of this review was to ensure the accuracy of the existing specific assignments to any customer. This includes identifying if any assets were erroneously specifically assigned during Hydro's functionalization process and to ensure that those assets that are specifically assigned continue to meet the criteria for specific assignment. The findings of this review will form the basis of the specific assignment of expenditures going forward.

# 2.0 Review Methodology

In order to ensure accuracy and completeness of asset assignments, Hydro undertook a review of all assets in stations interfacing with members of the Island Industrial Group, as well as transmission lines and terminal station equipment feeding these stations. A list of all asset

records meeting these criteria was generated, and the function of each asset was assessed.

The results of this review were tabulated in three lists for each Island Industrial Customer:

- Specifically Assigned Assets: A list of any assets that are specifically assigned to that customer, including any assets specifically assigned (additions or deletions) as a result of this review.
- Asset Additions: A breakout of any assets that were not specifically assigned prior to this review, but are now specifically assigned.
- Asset Deletions: A breakout of any assets that were specifically assigned prior to this review, but are now re-assigned elsewhere.

Single line diagrams showing the areas that are specifically assigned, as well as tables showing the above noted lists are included in Appendix A to Appendix E under the appropriate customer.

It should be noted that this assessment was based on the current asset record, and asset additions or retirements planned for 2018/2019 are not noted.

## 3.0 Review Results

## 3.1 Corner Brook Pulp and Paper

### 3.1.1 Frequency Converter

Description of Current Asset Status: The Corner Brook Frequency converter was constructed between 1966 and 1967, to convert 60 Hz to 50 Hz, for use by multiple customers having 50 Hz load requirements. The frequency converter consists of two physically-coupled 6.6 kV rotating machines, one serving as a motor and one serving as a generator. Power is transmitted on both sides of the frequency converter at 66 kV, and is stepped down to the intermediary voltage of 6.6 kV via two power transformers, T1 and T2. Prior to 2001, the Corner Brook Frequency Converter was assigned to the Common Cost of Service group. In Hydro's 2001 General Rate Application, Hydro requested that the Board approve Hydro's proposal to specifically assign the entirety of the Corner Brook Frequency Converter to Corner

Brook Pulp and Paper, on the basis that the converter serves only that customer. The Board approved this proposal in Order No. P.U. 7(2002-2003).

**Justification for Assignment:** Hydro maintains that the frequency converter exists solely to serve the industrial customer, and as such, the entire frequency converter is specifically assigned to Corner Brook Pulp and Paper.

**Review Findings:** Transformer T2 failed in October 2014, and was replaced by the customer's spare transformer. This spare transformer remains in this role today. There are a number of Hydro assets associated with T2 that have not yet been retired and have net book value remaining.

Appendix A provides the single line diagram, and the full list of specifically assigned assets, asset additions, and asset deletions for Corner Brook Pulp and Paper.

#### 3.1.2 Assets at Deer Lake Power

**Description of Current Asset Status:** Deer Lake Power (DLP) has one transmission line from the Deer Lake Power Generation station to the Massey Drive Terminal Station (L1), and two lines that connect the Massey Drive Terminal Station and the Corner Brook Pulp and Paper frequency converter (L16 and L17). DLP's Lines L1, L16, and L17 are connected to Bus B4 at Massey Drive. The disconnect switches B4L16-1, B4L17-1, and B4L1-1 are currently specifically assigned to Newfoundland Power.

**Review Findings:** Currently, disconnect switches for these lines (B4L1-1, B4L16-1 and B4L17-1) are all specifically assigned to Newfoundland Power. Hydro wheels power via DLPs L1 to Newfoundland Power at Marble Mountain and Pasadena; therefore, given that this line serves more than one customer, this disconnect switch should be assigned as common, and not specifically assigned to Newfoundland Power. Since the disconnect switches feeding L16 (B4L16-1) and L17 (B4L17-1) are only used for Deer Lake Power's connection to the frequency

converter, they will be changed from being specifically assigned to Newfoundland Power to be specifically assigned to Deer Lake Power.

Appendix B provides the single line diagram, and the full list of specifically assigned assets, asset additions, and asset deletions for the Deer Lake Power site owned by Corner Brook Pulp and Paper.

## 3.2 North Atlantic Refining Limited (NARL)

**Description of Current Asset Status:** The Come By Chance terminal station is a 230 kV terminal station constructed in 1972 to supply electricity to the Come By Chance Refinery. The terminal station bisected TL 207, dividing it into TL 207 and TL 237. The station serves the refinery at 13.8 kV, supplied via two (2) redundant step-down power transformers.

Prior to 2012, the sole purpose of the Come By Chance terminal station was to serve North Atlantic Refining Ltd, and therefore all assets and associated expenditures in the Come By Chance terminal station were specifically assigned to North Atlantic Refining Ltd. In 2012, Nalcor installed four capacitor banks at the Come By Chance terminal station, which improved transmission transfer capabilities to the Avalon, allowing Hydro to delay the start-up of Units 2 and 3 in Holyrood. As a result of the new role of the Come By Chance terminal station, all assets in the station were re-assigned to the Common customer group with the exception of the high-side disconnect switches, automatic ground switches, and all equipment downstream, including transformers T1 and T2, but not including the station service system.

**Justification for Assignment:** While the Come By Chance terminal station as a whole no longer serves only the industrial customer, the sole purpose of transformers T1 and T2 is to step the 230 kV transmission voltage to 13.8 kV for use by the refinery. The same justification applies for the transformer's ancillary devices, such as protective relays, as well as the transformers bushings, surge arrestors, and fall-arrest equipment. The high and low-side disconnect switches provide a means of

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<sup>&</sup>lt;sup>1</sup> The capacitor banks were installed to allow power from the Exploits generation units to be transferred to the Avalon Peninsula.

visual isolation allowing the transformers to be safely removed from service during maintenance or repairs, and serve no useful purpose to the island interconnected grid as a whole. The high-speed ground switches B1AG and B2AG exist solely as part of the transformer protection scheme, and as such are specifically assigned to the industrial customer.

**Review Findings:** A number of assets in the Come By Chance terminal station were not re-assigned following the installation of the capacitor banks and have been re-assigned to common as a result of this review.

Appendix C provides the single line diagram, and the full list of specifically assigned assets, asset additions, and asset deletions for North Atlantic Refining Ltd.

## 3.3 Vale Newfoundland & Labrador Limited (Vale)

Description of Current Asset Status: The Voisey's Bay Nickel terminal station was constructed in 2011 to serve the Long Harbor Nickel Processing Plant (LHNPP), owned by Vale. The station consists of a single 230 kV bus arrangement, which provides power at 13.8 kV via two step-down power transformers. The station is fed from the Western Avalon terminal station by the radial 230 kV transmission line TL 208. TL 208 includes the original transmission line that used to serve a different industrial customer, and a new extension built in 2011. The entirety of the Voisey's Bay Nickel terminal station, TL 208, and the Western Avalon Terminal Station breaker B1L08 and associated disconnect switches, structures, foundations, and protection, control, and monitoring equipment is specifically assigned to Vale.

**Justification for Assignment:** TL 208, its protective equipment, and the entire Voisey's Bay Nickel terminal station serve Vale exclusively. As such, the assets and associated expenditures are specifically assigned to that customer.

**Review Findings:** Three assets related to B1L08 were identified as common; however, these assets should have been specifically assigned to Vale. It should be noted that in 2018, once TL 208 is moved to the new gas insulated ring bus, which is a common asset, B1L08 will be retired, and therefore there will be no additional reassignment to Vale for these three items.

Appendix D provides the single line diagram, and the full list of specifically assigned assets, asset additions, and asset deletions for Vale.

#### 3.4 Teck Resources Limited

**Description of Assets:** The Duck Pond terminal station was constructed in 2006 to serve the Duck Pond Mine, owned by Teck Resources Ltd (formerly Aur Resources). The station is fed from the Buchans terminal station by the radial 66 kV transmission line TL 264 via breaker B2L64 in the Buchans terminal station. The entirety of the Duck Pond terminal station, TL 264, breaker B2L64 and associated disconnect switches and protection, control, and monitoring equipment is specifically assigned to Teck Resources Ltd.

**Justification for Assignment:** TL 264, its protective equipment, and the entire Duck Pond terminal station serve Teck Resources Ltd exclusively. As such, the assets and associated expenditures are specifically assigned to that customer.

**Review Findings:** No issues found with the specifically assigned assets for Teck Resources.

Appendix E provides the single line diagram and the full list of specifically assigned assets for Teck Resources.

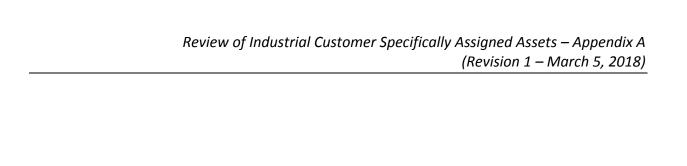
# 4.0 Future Monitoring of Specifically Assigned Expenditures

During the proceedings for Hydro's 2018 Capital Budget Application, the Island Industrial Customers expressed concern with the lack of communication between Hydro and the individual customers regarding capital projects that would impact specifically assigned charges. In Hydro's final submission for the 2018 Capital Budget Application, Hydro recognized the concerns raised by the Island Industrial Customers and Hydro committed to engage further with the individual customers on this matter.

Hydro believes this engagement should include discussions with the affected customers on the selection criteria for specifically assigned assets, and what assets are assigned to the individual members. As well, Hydro is committed to clearly identifying capital expenditures that it will be proposing be specifically assigned in advance with each customers, as well as in specific project proposals in all future capital budget applications.

# 5.0 Customer Impacts of Revised Assignments

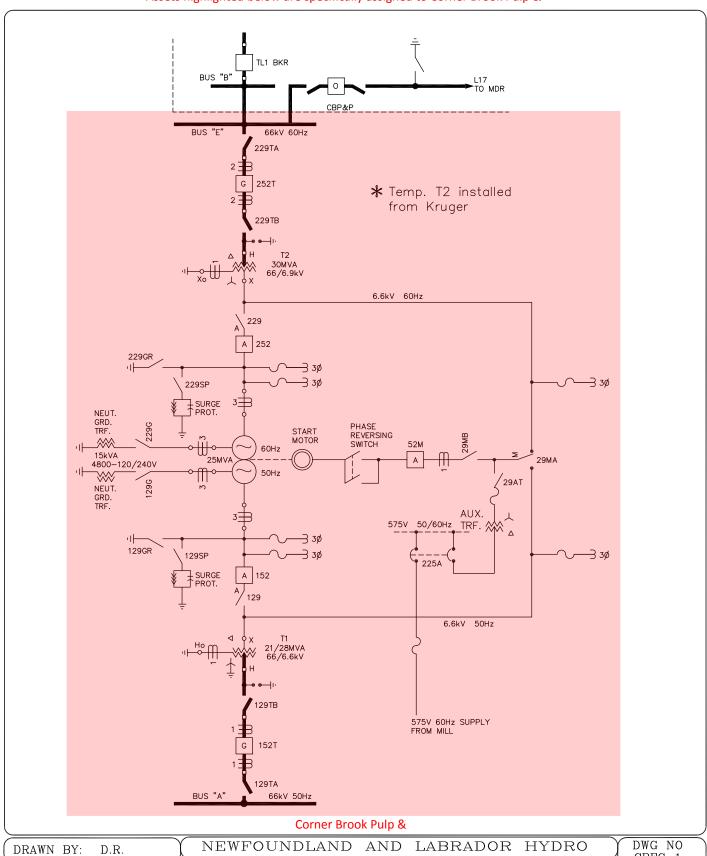
Hydro will incorporate the impacts of the corrections in assignments resulting from this review in its compliance filing at the conclusion of the GRA. Hydro will also revisit the 2015 Test Year Cost of Service Study to determine the materiality of the rate impacts of the assignment corrections for NARL and Corner Brook Pulp and Paper related to incorrect assignments that occurred prior to 2015. Hydro will provide the Board an update of the customer impacts once the analysis is complete.



# Appendix A

Corner Brook Pulp and Paper

### Assets highlighted below are specifically assigned to Corner Brook Pulp &



APPROVED BY: R. Steele DATE: 2016/11/22

SYSTEM OPERATING DIAGRAM CORNER BROOK FREQUENCY CONVERTER CBFC-1REV NO

9

|          | CORNER BROOK PULP & P.            | APER     |
|----------|-----------------------------------|----------|
|          | Specifically Assigned Assets      |          |
|          |                                   |          |
|          |                                   |          |
| Asset ID | Asset Description                 | Location |
|          | BREAKER,52M,CBF CS                | CBFCS    |
|          | BREAKER,152,CBF CS                | CBFCS    |
|          | BREAKER,252,CBF CS                | CBFCS    |
|          | DISCONNECT,29MA,CBF CS            | CBFCS    |
|          | DISCONNECT,29MB,CBF CS            | CBFCS    |
|          | DISCONNECT,29AT,CBF CS            | CBFCS    |
|          | DISCONNECT,229SP,CBF CS           | CBFCS    |
|          | DISCONNECT,129SP,CBF CS           | CBFCS    |
|          | GROUND,229G,CBF CS                | CBFCS    |
|          | GROUND,129G,CBF CS                | CBFCS    |
|          | COMPRESSOR 1 ,CBF CS              | CBFCS    |
|          | LIQUID RHEOSTAT,CBF CS            | CBFCS    |
|          | STARTING MOTOR,CBF CS             | CBFCS    |
|          | MAIN EXCITER,50 CYCLE,CBF CS      | CBFCS    |
|          | MAIN EXCITER 60 CYCLE,CBF CS      | CBFCS    |
|          | PILOT EXCITER,CBF CS              | CBFCS    |
|          | HV ARRESTORS T1,CBF TS            | CBFTS    |
|          | 60 CYCLE CONVERTER GEN,CBF CS     | CBFCS    |
|          | 50 CYCLE CONVERTER GEN,CBF CS     | CBFCS    |
|          | 50/60 VOLTAGE REGULATORS,CBFCS    | CBFCS    |
|          | 50 CY, NEUT. GND. TRF, CBF CS     | CBFCS    |
|          | VHF BASE STATION RADIO            | CBFCS    |
|          | BATTERY CHARGER, CBF CS           | CBFCS    |
|          | TELULAR PHONECELL CDMA            | CBFCS    |
|          | TRANSFORMER T1, CBFTS             | CBFTS    |
|          | OIL WATER SEPARATOR, CBF CS       | CBFCS    |
|          | VENTILATION UPGRADE 2006 CBF CS   | CBFCS    |
|          | 50 HZ ASSESSMENT 2006             | CBFCS    |
|          | 60 HZ ASSESSMENT, 2006            | CBFCS    |
|          | FALL ARREST PROTECTION SYSTEM, T1 | CBFTS    |
|          | WALL BUSHING T1 A PH, CBF TS      | CBFTS    |
|          | WALL BUSHING T1 B PH, CBF TS      | CBFTS    |
|          | WALL BUSHING T1 C PH, CBF TS      | CBFTS    |
|          | WALL BUSHING T2 A PH, CBF TS      | CBFTS    |
|          | WALL BUSHING T2 B PH, CBF TS      | CBFTS    |
|          | WALL BUSHING T2 C PH, CBF TS      | CBFTS    |
|          | VENTILATION UPGRADE 2008 CBFCS    | CBFCS    |
|          | 60 CY ROTOR REWIND, CBFCS         | CBFCS    |
|          | 50 CY ROTOR REWIND, CBFCS         | CBFCS    |
|          | BEARING # 4, CBFCS                | CBFCS    |
|          | WALL BUSHING 229TB APH, CBF TS    | CBFTS    |
|          | WALL BUSHING 229TB BPH, CBF TS    | CBFTS    |
|          | WALL BUSHING 229TB CPH, CBF TS    | CBFTS    |
|          | WALL BUSHING 129TA APH, CBF TS    | CBFTS    |
|          | WALL BUSHING 129TA BPH, CBF TS    | CBFTS    |
|          | WALL BUSHING 129TA CPH, CBF TS    | CBFTS    |
|          | SYNCHRONIZER, CBF CS              | CBFCS    |
|          | LIQUID RHEOSTAT, CBF CS           | CBFCS    |
| 333591   | AVR 60 CY, CBF CS                 | CBFCS    |

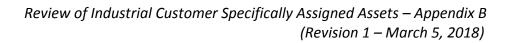
| 222502   | AVR 50CY, CBF CS   | CBFCS       |
|----------|--|-------------|
|          | PHONE BOOTH, CBF CS  | CBFCS       |
|          | SWITCH UPGRADE, 129, CBF CS 6.6KV REPLACE CURRENT-CARRYING PARTS           | CBFCS       |
|          | 125 VDC BATTERIES, CBF CS  | CBFCS       |
|          | PORTABLE LIFTING TOOL  | CBFCS       |
|          | UPGRADE, COMPRESSOR 1 CBF CS   | CBFCS       |
|          | COMPRESSOR CONTROL PANEL   | CBFCS       |
|          | COMPRESSOR 2, CBF CS   | CBFCS       |
|          | AIR DRYER 1, CBF CS  | CBFCS       |
|          | AIR DRYER 2, CBF CS  | CBFCS       |
|          | AIR RECEIVER, CBF CS   | CBFCS       |
|          |  | CBFCS       |
|          | DEW POINT MONITOR, CBF CS COMP AIR SYSTEM UPGRADE (2013) BALANCE OF SYSTEM | CBFCS       |
|          | FSK DATA MODEM   | CBFCS       |
|          |  |             |
|          | PRV, MAIN (PRESSURE REDUCING VALVE)  | CBFCS       |
|          | PRV, DRYERS 1 (PRESSURE REDUCING VALVE)                                    | CBFCS       |
|          | PRV, DRYERS 2 (PRESSURE REDUCING VALVE)                                    | CBFCS       |
|          | PRV, DRYERS 3 (PRESSURE REDUCING VALVE)                                    | CBFCS       |
|          | PRV,DRYERS 4 (PRESSURE REDUCING VALVE)                                     | CBFCS       |
|          | RTU (REMOTE TERMINAL UNIT)   | CBFCS       |
|          | 3500 VIBRATION MONITORING  | CBFCS       |
|          | BUSHING X2,T2 CBF TS MATERIAL ONLY   | CBCTS       |
|          | BUSHING X3,T2 CBF TS MATERIAL ONLY   | CBCTS       |
|          | BREAKER,152T,CBFTS   | CBFTS       |
|          | CBFCS,60 HZ, EXCITER O/H   | CBFCS       |
|          | CBFCS, 50 HZ, EXCITER O/H  | CBFCS       |
|          | SF6 BREAKER 152T CBFTS (2015 PROJECT)                                      | CBFTS       |
|          | SF6 BREAKER 152T CBFTS (2016 PROJECT)                                      | CBFTS       |
|          | REV METERING EQUIP - (SANGAMO SOLID STATE RECORDER)                        | MDRTS       |
|          | REV METERING EQUIP - (SANGAMO SOLID STATE RECORDER)                        | PASSUBSTN   |
|          | REV METERING EQUIP - (SANGAMO SOLID STATE RECORDER)                        | BFDREPEATER |
|          | REV METERING EQUIP - (FIBERGLASS ENCLOSURES)                               | PASSUBSTN   |
|          | REV METERING EQUIP - (FIBERGLASS ENCLOSURES)                               | BFDREPEATER |
|          | FIRE PROTECTION SYSTEM - BLDG  | CBFTS       |
|          | CONTROL, METERING AND RELAYING   | CBFTS       |
|          | CONTROL, METERING AND RELAYING   | CBFTS       |
|          | REV METERING EQUIPMENT - (LINE RECORDER, 50 HZ)                            | CBFTS       |
|          | REV METERING EQUIPMENT - (LINE RECORDER, 60 HZ)                            | CBFTS       |
|          | REV METERING EQUIPMENT - (LINE RECORDER, 60 HZ)                            | CBFTS       |
|          | FIRE PROTECTION SYSTEM   | CBFTS       |
|          | BUILDING - (CONCRETE) - RENOVATIONS  | CBFTS       |
|          | FOUNDATION (CONCRETE) FOR EQUIPMENT AND STRUCTURES                         | CBFTS       |
|          | STRUCTURAL SUPPORT - (STEEL)   | CBFTS       |
|          | POWER TRANSFORMER - STATION SERVICE  | CBFTS       |
|          | POWER TRANSFORMER - STATION SERVICE  | CBFTS       |
|          | SWITCHING - H.V. ( BUSWORK AND HARDWARE                                    | CBFTS       |
|          | RESISTORS - (3.87 OHM RESISTOR BANK)                                       | CBFTS       |
|          | RESISTORS - (3.5 OHM RESISTOR BANK)  | CBFTS       |
|          | CONTROL, METERING AND RELAYING PANELS                                      | CBFTS       |
|          | CABLES TRAYS AND CONDUIT   | CBFTS       |
|          | CONTROL CABLES   | CBFTS       |
|          | FIRE FIGHTING EQUIPMENT - BLDG   | CBFTS       |
| 99041697 | METER, MULTIFUNCTION   | CBFTS       |

Review of Industrial Customer Specifically Assigned Assets - Appendix A (Revision 1 - March 5, 2018)

Page 4 of 5

|          | CORNER BROOK PULP & PAPER  |  |  |  |  |  |  |
|----------|--|--|--|--|--|--|--|
|          | Asset Additions  |  |  |  |  |  |  |
| Asset ID | Currently Assigned Re-assignment Asset ID Asset Description Location To To Be Assigned To Effective Date |  |  |  |  |  |  |
|          | NO ASSET ADDITIONS   |  |  |  |  |  |  |

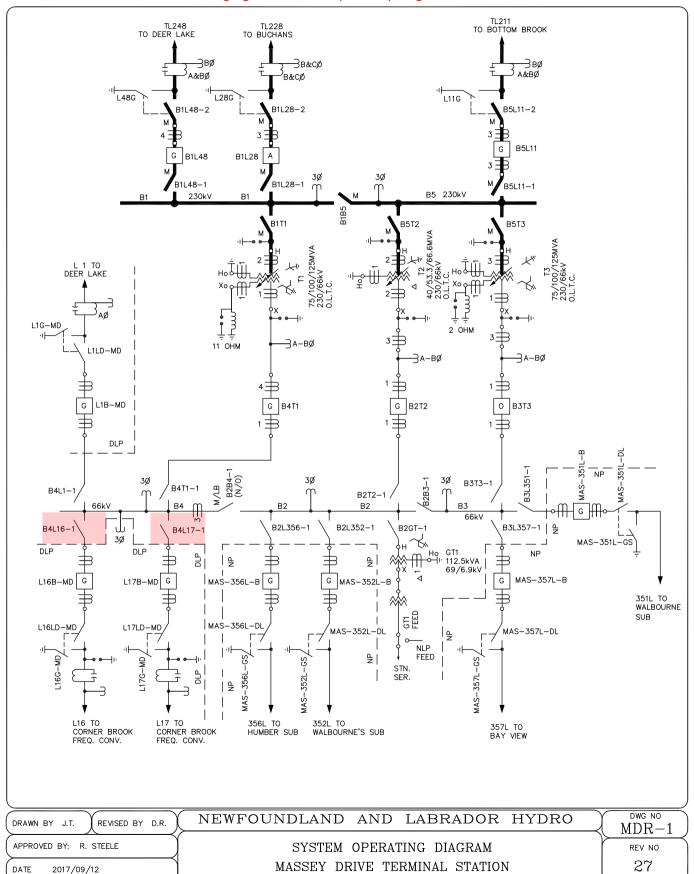
|          | CORNER BROOK PULP & PAPER  |       |       |               |           |  |  |  |
|----------|--|-------|-------|---------------|-----------|--|--|--|
|          | Asset Deletions  |       |       |               |           |  |  |  |
| Asset ID | Currently Assigned Re-assignment Asset ID Asset Description Location To To Be Assigned To Effective Date |       |       |               |           |  |  |  |
| 61010    | TRANSFORMER T2,CBFTS   | CBFTS | CBP&P | TO BE RETIRED | 9/22/2014 |  |  |  |
| 310092   | FALL ARREST PROTECTION SYSTEM, T2  | CBFTS | CBP&P | TO BE RETIRED | 9/22/2014 |  |  |  |
| 390008   | TRF UPGRADE T2, CBF TS (2014) WINDING REPAIR   | CBFTS | CBP&P | TO BE RETIRED | 9/22/2014 |  |  |  |
| 390226   | BUSHING X1,T2 CBF TS MATERIAL ONLY   | CBFTS | CBP&P | TO BE RETIRED | 9/22/2014 |  |  |  |
| 99039625 | POWER TRANSFORMER - (69KV PWR TRF BY MALONEY   | CBFTS | CBP&P | TO BE RETIRED | 8/8/2002  |  |  |  |



# **Appendix B**

Deer Lake Power

## Assets highlighted below are specifically assigned to Deer Lake



|          | DEER LAKE POWER  |             |  |  |
|----------|--|-------------|--|--|
|          | Specifically Assigned Assets                           |             |  |  |
|          |  |             |  |  |
| Asset ID | Asset Description                                      | Location    |  |  |
| 61396    | DISCONNECT,B4L16-1,MDR TS                              | MDRTS       |  |  |
| 61404    | DISCONNECT,B4L17-1,MDR TS                              | MDRTS       |  |  |
| 99010773 | EXPORT METER, TYPE DSW-64 BY C                         | MDRTS       |  |  |
| 99010776 | IMPORT METER, TYPE DSW-64                              | MDRTS       |  |  |
| 99010879 | REVENUE METERING EQUIPMENT                             | MDRTS       |  |  |
| 99013990 | REV METERING EQUIP - (SANGAMO SOLID STATE RECORDER)    | DLKPOWPLANT |  |  |
| 99013991 | REV METERING EQUIP - (SANGAMO SOLID STATE RECORDER)    | PASSUBSTN   |  |  |
| 99020531 | REVENUE METERING EQUIP - ( SAN GAMO DATASTAR RECORDER) | DLKPOWPLANT |  |  |

Review of Industrial Customer Specifically Assigned Assets - Appendix B (Revision 1 - March 5, 2018)

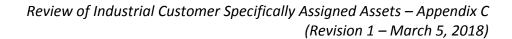
Page 3 of 4

| DEER LAKE POWER |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|
|                 | Asset Deletions  |  |  |  |  |  |  |
|                 | Currently Assigned Re-assignment                                       |  |  |  |  |  |  |
| Asset ID        | sset ID Asset Description Location To To Be Assigned To Effective Date |  |  |  |  |  |  |
|                 | NO ASSET DELETIONS   |  |  |  |  |  |  |

Review of Industrial Customer Specifically Assigned Assets - Appendix B (Revision 1 - March 5, 2018)

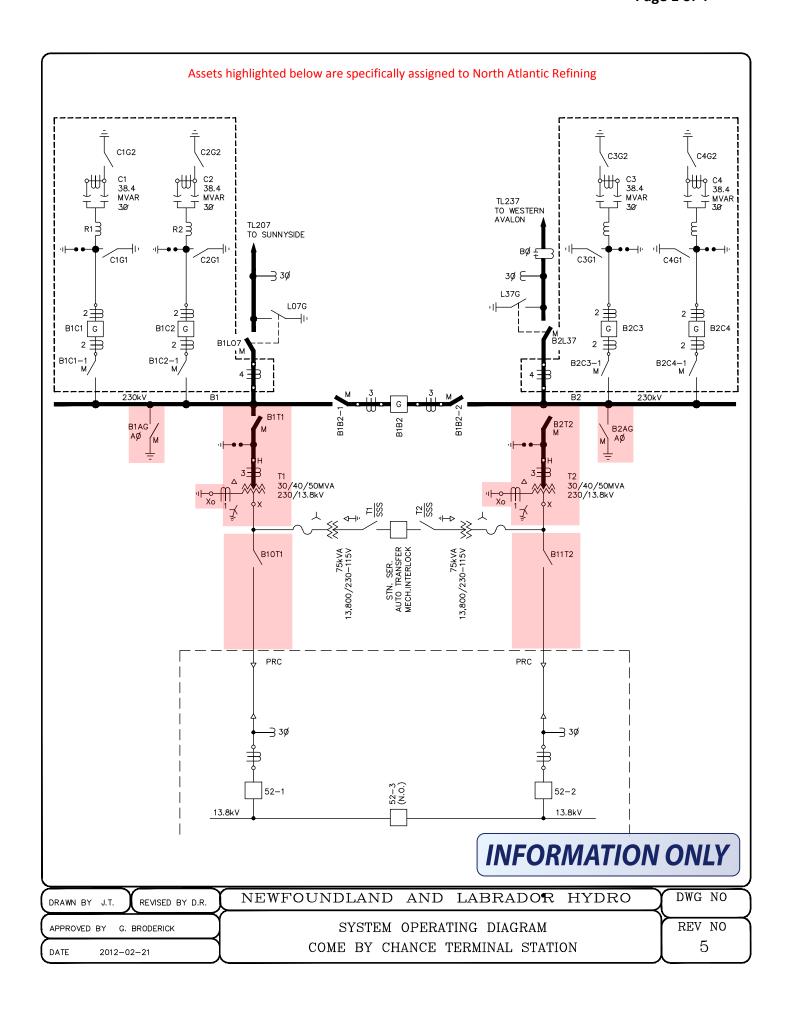
Page 4 of 4

| DEER LAKE POWER |   |                   |                    |                       |                                 |
|-----------------|---|-------------------|--------------------|-----------------------|---------------------------------|
|                 | Asset Additions                             |                   |                    |                       |                                 |
| Asset ID        | Acost Description                           | Lacation          | Currently Assigned |                       | Re-assignment<br>Effective Date |
|                 | Asset Description DISCONNECT,B4L16-1,MDR TS | Location<br>MDRTS | To<br>NP           | To Be Assigned To DLP | 6/29/1987                       |
|                 | DISCONNECT,B4L17-1,MDR TS                   | MDRTS             | +                  | DLP                   | 6/29/1987                       |



# **Appendix C**

North Atlantic Refinery Limited



|          | NORTH ATLANTIC REFINING LTD                                 |          |  |  |  |
|----------|---|----------|--|--|--|
|          | Specifically Assigned Assets                                |          |  |  |  |
|          |   |          |  |  |  |
| Asset ID | Asset Description   | Location |  |  |  |
|          | GROUND,B1AG,CBC TS  | СВСТЅ    |  |  |  |
| 6266     | GROUND,B2AG,CBC TS  | СВСТЅ    |  |  |  |
| 323027   | HV ARRESTORS T1, CBC TS                                     | СВСТЅ    |  |  |  |
| 327730   | HV ARRESTORS T1,CBC (INSTALL)                               | СВСТЅ    |  |  |  |
| 327732   | HV ARRESTERS T2, CBC TS                                     | СВСТЅ    |  |  |  |
| 333792   | FALL ARREST PLATES T1, CBC TS                               | СВСТЅ    |  |  |  |
| 333793   | FALL ARREST PLATES T2, CBC TS                               | СВСТЅ    |  |  |  |
| 390168   | BUSHING H1,T1 CBC TS MATERIAL ONLY                          | СВСТЅ    |  |  |  |
| 390221   | BUSHING H2,T1 CBC TS MATERIAL ONLY                          | СВСТЅ    |  |  |  |
| 390222   | BUSHING H3,T1 CBC TS MATERIAL ONLY                          | CBCTS    |  |  |  |
| 390223   | BUSHING H1,T2 CBC TS MATERIAL ONLY                          | CBCTS    |  |  |  |
| 390224   | BUSHING H2,T2 CBC TS MATERIAL ONLY                          | CBCTS    |  |  |  |
| 390225   | BUSHING H3,T2 CBC TS MATERIAL ONLY                          | СВСТЅ    |  |  |  |
| 394947   | DISCONNECT B1T1 - CBC                                       | СВСТЅ    |  |  |  |
| 395677   | BUSHING H1,T1,CBC TS  | СВСТЅ    |  |  |  |
| 395678   | BUSHING H2,T1,CBC TS  | СВСТЅ    |  |  |  |
| 395679   | BUSHING H3,T1,CBC TS  | СВСТЅ    |  |  |  |
| 395681   | BUSHING H1,T2,CBC TS  | СВСТЅ    |  |  |  |
| 395682   | BUSHING H2,T2,CBC TS  | СВСТЅ    |  |  |  |
| 395683   | BUSHING H3,T2,CBC TS  | СВСТЅ    |  |  |  |
| 395698   | TRF UPGRADE T1, CBC TS (2015) PROTECTIVE DEVICE REPLACEMENT | СВСТЅ    |  |  |  |
| 395699   | TRF UPGRADE T2, CBC TS (2015) PROTECTIVE DEVICE REPLACEMENT | СВСТЅ    |  |  |  |
| 405674   | DISCONNECT,B2T2 CBC TS                                      | СВСТЅ    |  |  |  |
|          | POWER TRANSFORMER T1, 230KV,                                | CBCTS    |  |  |  |
|          | POWER TRANSFORMER T2, 230 KV,                               | CBCTS    |  |  |  |
|          | REVENUE METERING EQUIP - (DATA STAR RECORDER)               | CBCTS    |  |  |  |
| 99031755 | DIGITAL METERS,FULLY CONTRIBUTED                            | CBCTS    |  |  |  |
|          | DISCONNECT, B10T1   | CBCTS    |  |  |  |
| 6262     | DISCONNECT, B11T2   | CBCTS    |  |  |  |

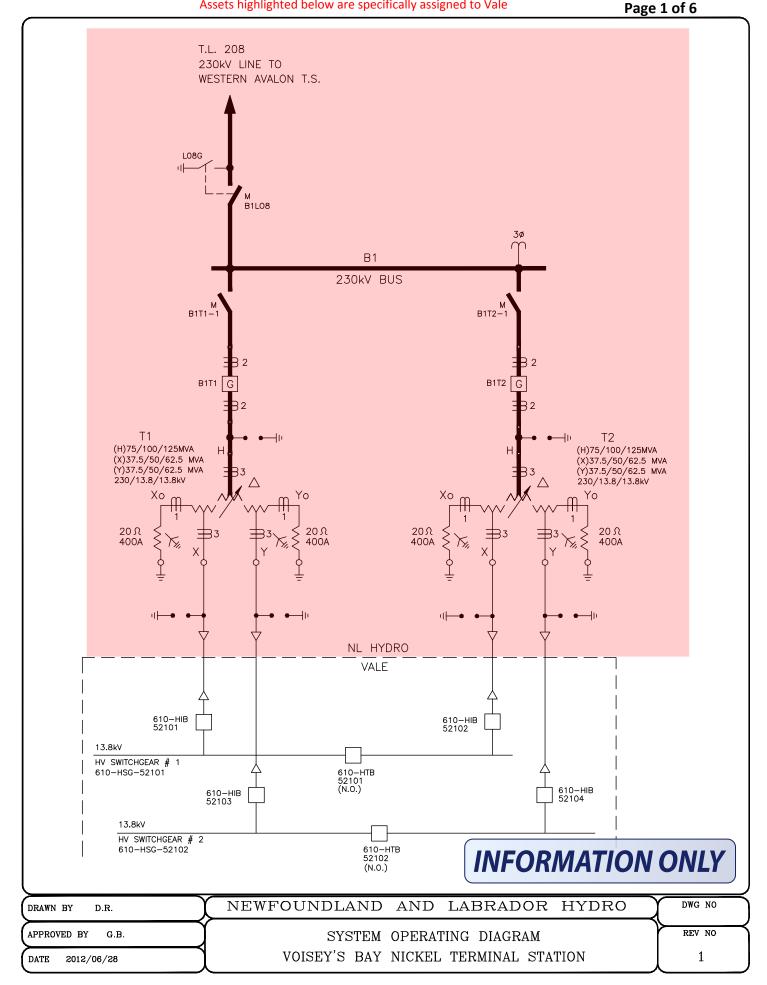
Review of Industrial Customer Specifically Assigned Assets - Appendix C (Revision 1 - March 5, 2018)

Page 3 of 4

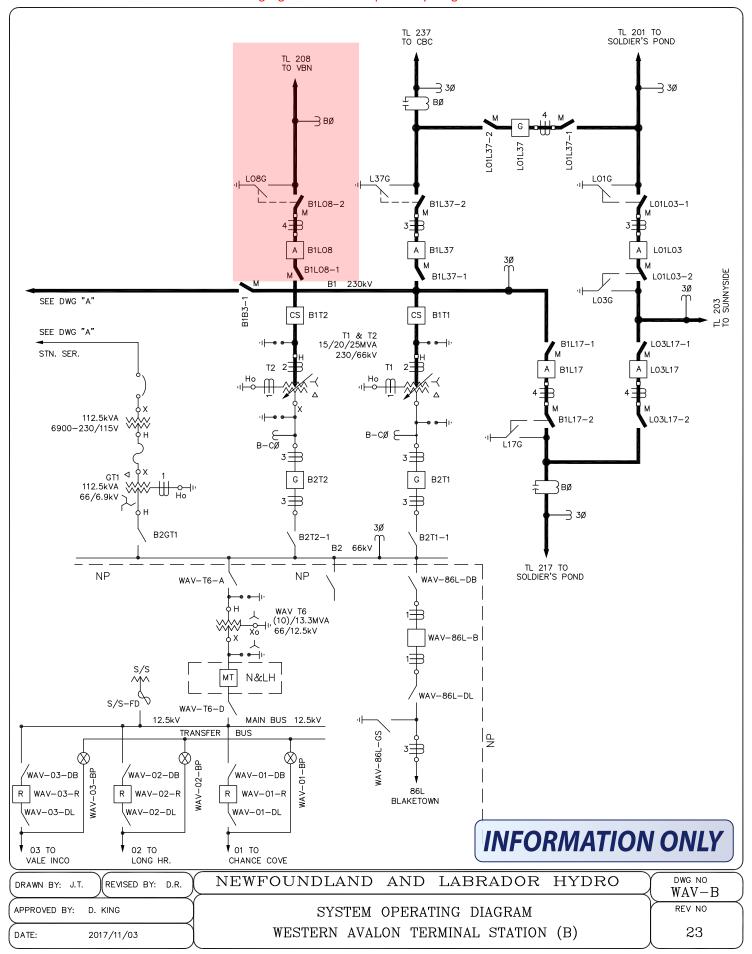
| NORTH ATLANTIC REFINING LTD |                                    |       |                    |                   |                                 |  |
|-----------------------------|------------------------------------|-------|--------------------|-------------------|---------------------------------|--|
|                             | Asset Additions                    |       |                    |                   |                                 |  |
| Asset ID                    | Asset Description                  |       | Currently Assigned | To Be Assigned To | Re-assignment<br>Effective Date |  |
| 390168                      | BUSHING H1,T1 CBC TS MATERIAL ONLY | CBCTS | COMMON             | NARL              | 12/31/2014                      |  |
| 394947                      | DISCONNECT B1T1 - CBC              | CBCTS | COMMON             | NARL              | 9/29/2015                       |  |
| 405674                      | DISCONNECT,B2T2 CBC TS             | CBCTS | OTHER              | NARL              | 12/31/2015                      |  |

|                 | NORTH ATLANTIC REFINING LTD                     |          |                    |                   |                |  |  |
|-----------------|---|----------|--------------------|-------------------|----------------|--|--|
| Asset Deletions |   |          |                    |                   |                |  |  |
|                 |   |          | Currently Assigned |                   | Re-assignment  |  |  |
|                 | Asset Description                               | Location | То                 | To Be Assigned To | Effective Date |  |  |
|                 | FENCE,CBC TS                                    | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
|                 | SEWAGE SYSTEM, CBC TS                           | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
|                 | CABLE RACEWAY,CBC TS TRENCH,CONDUIT,TRAY,ETC    |          | NARL               | COMMON            | 12/8/2011      |  |  |
|                 | BUS WORK, CBC TS                                | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
|                 | SUPPORT STR, FOOTINGS, CBC TS                   | CBCTS    | NARL               | COMMON            | 12/8/2011      |  |  |
|                 | POWER & CONTROL CABLE,CBC TS                    | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
|                 | GROUNDING, CBC TS                               | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
|                 | GROUNDING UPGRADE, CBC TS (2013) GROUND MAT L   |          | NARL               | COMMON            | 12/8/2013      |  |  |
|                 | INSULATORS - TL207 BUS 1                        | CBCTS    | NARL               | COMMON            | 12/8/2011      |  |  |
| 394742          | INSULATORS - TL207 BUS 1                        | CBCTS    | NARL               | COMMON            | 12/8/2011      |  |  |
| 99009831        | EXIT DOOR/ENTRANCE, CBC TS                      | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
| 99009832        | REPAIR EXTERIOR SIDING, CBC TS                  | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
|                 | GROUNDING                                       | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
| 99009859        | CONTROL CABLES                                  | CBCTS    | NARL               | COMMON            | 12/8/2011      |  |  |
|                 | AIR CONDITIONING UNIT, CBC TS FOR TELECONTROL E |          | NARL               | COMMON            | 12/8/2013      |  |  |
| 99009987        | AIR RECEIVER BY BROWN BOVERIE                   | CBCTS    | NARL               | TO BE RETIRED     | 12/31/1997     |  |  |
|                 | AIR RECEIVER BY BROWN BOVERIE                   | CBCTS    | NARL               | TO BE RETIRED     | 12/31/1997     |  |  |
| 99009990        | INSTRUMENT AIR DRYER BY BROWN                   | CBCTS    | NARL               | TO BE RETIRED     | 12/31/1997     |  |  |
| 99009992        | LIGHTING FIXTURE, 250 WATT                      | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
|                 | LIGHTING FIXTURE, 250 WATT                      | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
|                 | LIGHTING FIXTURE, 250 WATT                      | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
| 99009996        | LIGHTING FIXTURE, 250 WATT                      | CBCTS    | NARL               | COMMON            | 12/8/2011      |  |  |
| 99009997        | LIGHTING FIXTURE, 250 WATT                      | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
|                 | LIGHTING FIXTURE, 250 WATT                      | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
|                 | LAND CLEARED 10' OUTSIDE FENCE                  | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
| 99010005        | LIGHTING FIXTURE, 250 WATT                      | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
|                 | LIGHTING FIXTURE, 250 WATT                      | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
| 99010008        | COMPRESSOR & DRIVE, MODEL # C-                  | CBCTS    | NARL               | TO BE RETIRED     | 12/31/1997     |  |  |
|                 | BALANCE OF COMPRESSED AIR SYST                  | CBCTS    | NARL               | TO BE RETIRED     | 12/31/1997     |  |  |
| 99010011        | CONCRETE BLDG FOR CONTROL & EQUIPMENT BLDG      | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
| 99010012        | FOUNDATION FOR BUILDING - CONCRETE              | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
| 99010013        | FOUNDATION FOR BUILDING - CONCRETE              | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
| 99010014        | EQUIPMENT FOUNDATION, CBC TS                    | CBCTS    | NARL               | COMMON            | 12/8/201       |  |  |
| 99010049        | SUSPENSION INSULATOR, 230 KV,                   | CBCTS    | NARL               | COMMON            | 12/8/2013      |  |  |
|                 | POST TYPE INSULATOR, 230 KV, 1                  | CBCTS    | NARL               | COMMON            | 12/8/201       |  |  |
| 99010053        | CONT, MET, & REL PNL, CBC TS                    | CBCTS    | NARL               | COMMON            | 12/8/201       |  |  |
| 99010054        | CONTROL, METERING & RELAY PANEL                 | CBCTS    | NARL               | COMMON            | 12/8/201       |  |  |
| 99010055        | CONTROL, METERING & RELAY PANEL                 | CBCTS    | NARL               | COMMON            | 12/8/201       |  |  |
| 99010057        | CONT, MET & REL PNL, CBC TS                     | CBCTS    | NARL               | COMMON            | 12/8/201       |  |  |
| 99010062        | MISCELLANEOUS TELECONTROL                       | CBCTS    | NARL               | COMMON            | 12/8/201       |  |  |
| 99024621        | CONT, MET & RELAYING C/W ANNUNCIATOR, CBC TS    | CBCTS    | NARL               | COMMON            | 12/8/201       |  |  |
| 99024622        | CONTROL CABLE - (#18-2, #12-2, #12-4, #16)      | CBCTS    | NARL               | COMMON            | 12/8/201       |  |  |
| 99031499        | TIMERS RXKM-2H TIMER RELAY WITH PANEL BASES &   | CBCTS    | NARL               | COMMON            | 12/8/201       |  |  |





Assets highlighted below are specifically assigned to Vale



| VALE                         |  |                   |  |  |  |
|------------------------------|--|-------------------|--|--|--|
| Specifically Assigned Assets |  |                   |  |  |  |
|                              | . , ,  |                   |  |  |  |
| A+ ID                        | A A Danwinking                                       |                   |  |  |  |
| Asset ID                     | Asset Description RIGHT-OF-WAY                       | Location WHBTL208 |  |  |  |
|                              | CT B1L08 B PH,WAV TS                                 | WAVTS             |  |  |  |
|                              | PT TL208 B PH,WAV TS                                 | WAVIS             |  |  |  |
|                              |  |                   |  |  |  |
|                              | BREAKER,B1L08,WAV TS B1L08, UPGRADE (L&M) WAV TS     | WAVTS             |  |  |  |
|                              | , , ,  | WAVTS             |  |  |  |
|                              | RECLOSER, B1L08, WAV TS TL208 PROTECTION, WAV TS     | WAVTS WAVTS       |  |  |  |
|                              | BUS WORK, VBN TS                                     | VBNTS             |  |  |  |
|                              | SUPPORT STR, FOOTINGS, VBN TS                        | VBNTS             |  |  |  |
|                              | POWER & CONTROL CABLES, VBN TS                       | VBNTS             |  |  |  |
|                              | GROUNDING, VBN TS                                    | VBNTS             |  |  |  |
|                              | CABLE RACEWAY, VBN TS                                | VBNTS             |  |  |  |
|                              | 125 VDC BATTERIES, VBN TS                            | VBNTS             |  |  |  |
|                              | 125 VDC CHARGER, VBN TS                              | VBNTS             |  |  |  |
|                              | 125 VDC CHARGER, VBN 13                              | VBNTS             |  |  |  |
|                              | DISCONNECT, B1L08, VBN TS                            | VBNTS             |  |  |  |
|                              | DISCONNECT, B1108, VBN TS DISCONNECT, B1T1-1, VBN TS | VBNTS             |  |  |  |
|                              | DISCONNECT, B11-1, VBN 13 DISCONNECT, B1T2-1, VBN TS | VBNTS             |  |  |  |
|                              | TRANSFORMER T1, VBN TS                               | VBNTS             |  |  |  |
|                              | TRANSFORMER T2, VBN TS                               | VBNTS             |  |  |  |
|                              | BREAKER, B1T1, VBN TS                                | VBNTS             |  |  |  |
|                              | BREAKER, B1T2, VBN TS                                | VBNTS             |  |  |  |
|                              | REVENUE METERING, VBN TS                             | VBNTS             |  |  |  |
|                              | FENCE, VBN TS  | VBNTS             |  |  |  |
|                              | POST INSULATORS(230KV), VBN TS                       | VBNTS             |  |  |  |
|                              | AC DISTRIBUTION PANEL, VBN TS                        | VBNTS             |  |  |  |
|                              | HEAT,LIGHT,VENT,SECUR,VBN TS                         | VBNTS             |  |  |  |
|                              | YARD LIGHTING, VBN TS                                | VBNTS             |  |  |  |
|                              | FIRE PROT / DET, VBN TS                              | VBNTS             |  |  |  |
|                              | BREAKER FAIL PROT, VBN TS                            | VBNTS             |  |  |  |
|                              | BUSHING H1, T1, VBN TS                               | VBNTS             |  |  |  |
|                              | BUSHING H2, T1, VBN TS                               | VBNTS             |  |  |  |
|                              | BUSHING H3, T1, VBN TS                               | VBNTS             |  |  |  |
|                              | BUSHING X1, T1, VBN TS                               | VBNTS             |  |  |  |
|                              | BUSHING X2, T1, VBN TS                               | VBNTS             |  |  |  |
|                              | BUSHING X3, T1, VBN TS                               | VBNTS             |  |  |  |
|                              | BUSHING XO, T1, VBN TS                               | VBNTS             |  |  |  |
|                              | BUSHING Y1, T1, VBN TS                               | VBNTS             |  |  |  |
|                              | BUSHING Y2, T1, VBN TS                               | VBNTS             |  |  |  |
|                              | BUSHING Y3, T1, VBN TS                               | VBNTS             |  |  |  |
|                              | BUSHING YO, T1, VBN TS                               | VBNTS             |  |  |  |
|                              | HV ARRESTERS, T1, VBN TS                             | VBNTS             |  |  |  |
|                              | LV (X) ARRESTERS, T1, VBN TS                         | VBNTS             |  |  |  |
|                              | LV (Y) ARRESTERS, T1, VBN TS                         | VBNT              |  |  |  |
|                              | NEUT GND RESISTOR(X)T1, VBN TS                       | VBNT              |  |  |  |
|                              | NEUT GND RESISTOR(X)11, VBN TS                       | VBNT              |  |  |  |
|                              | BUSHING H1, T2, VBN TS                               |                   |  |  |  |
|                              |  | VBNTS             |  |  |  |
|                              | BUSHING H2, T2, VBN TS BUSHING H3, T2, VBN TS        | VBNT:             |  |  |  |

|          | BUSHING X1, T2, VBN TS  | VBNTS     |
|----------|---|-----------|
|          | BUSHING X2, T2, VBN TS  | VBNTS     |
|          | BUSHING X3, T2, VBN TS  | VBNTS     |
|          | BUSHING X0, T2, VBN TS  | VBNTS     |
|          | BUSHING Y1, T2, VBN TS  | VBNTS     |
|          | BUSHING Y2, T2, VBN TS  | VBNTS     |
| 364510   | BUSHING Y3, T2, VBN TS  | VBNTS     |
| 364511   | BUSHING YO, T2, VBN TS  | VBNTS     |
| 364512   | HV ARRESTERS, T2, VBN TS  | VBNTS     |
| 364513   | LV(X) ARRESTERS, T2, VBN TS   | VBNTS     |
|          | LV (Y) ARRESTERS, T2, VBN TS  | VBNTS     |
| 364515   | NEUT GND RESISTOR(X) T2 VBN TS                                      | VBNTS     |
| 364516   | NEUT GND RESISTOR(Y) T2 VBN TS                                      | VBNTS     |
|          | TL208 PROTECTION, VBN TS  | VBNTS     |
|          | T1 PROTECTION A, VBN TS   | VBNTS     |
| 364519   | T1 PROTECTION B, VBN TS   | VBNTS     |
| 364520   | T2 PROTECTION A, VBN TS   | VBNTS     |
| 364521   | T2 PTOTECTION B, VBN TS   | VBNTS     |
| 364522   | STATION CONTROL, HMI, VBN TS  | VBNTS     |
| 364523   | PT, B1, A PH, VBN TS  | VBNTS     |
| 364524   | PT, B1, B PH, VBN TS  | VBNTS     |
| 364525   | PT B1 C PH, VBN TS  | VBNTS     |
| 364532   | GND SW, L08G, VBN TS  | VBNTS     |
| 364538   | AA236 TYPE , STEEL TOWERS TL208 LINE EXTENSION TO VALE              | WHBTL208  |
| 364541   | NDD TYPE STEEL TOWER SS TL208 LINE EXTENSION TO VALE                | WHBTL208  |
| 364544   | A-TYPE (CAC) STEEL TOWER TL208 LINE EXTENSION TO VALE               | WHBTL208  |
| 364547   | DD236 TYPE STEEL TOWERS TL208 LINE EXTENSION TO VALE                | WHBTL208  |
| 364548   | TOWER FOUNDATIONS SELF S TL-208 Extension To VALE                   | WHBTL208  |
| 364549   | ANCHORS FOR V-TOWERS TL208 LINE EXTENSION TO VALE                   | WHBTL208  |
| 364550   | TAP CHANGER, T1, VBN TS   | VBNTS     |
| 364551   | TAP CHANGER, T2, VBN TS   | VBNTS     |
| 364553   | 804 KMCIL CONDUCTOR TL-208 LINE EXTENSION FOR VALE, 7909 METERS     | WHBTL208  |
| 364554   | SUSPENSION INSULATORS FOG, 15000 LBS 70KN                           | WHBTL208  |
| 364559   | # 1 STEEL COUNTERPOISE TL208 LINE EXTENSION TO VALE 2700 METERS     | WHBTL208  |
| 364560   | OVERHEAD GROUND WIRE TL-208 LINE EXTENSION TO VALE 5/8" GUY STRAND, | WHBTL208  |
| 364577   | SUSPENSION INSULATORS FOG 25000 LBS 120KN                           | WHBTL208  |
|          | INSULATORS SUSPENSION 15000 LBS 70 KN                               | WHBTL208  |
|          | SUSPENSION INSULATORS   | WHBTL208  |
| 367903   | CT, B1L08, APH, WAV TS  | WAVTS     |
|          | CT, B1L08, CPH, WAV TS  | WAVTS     |
|          | DISCONNECT B1L08-1, WAV TS LABOUR ONLY                              | WAVTS     |
|          | DISCONNECT B1L08-2, WAV TS LABOUR ONLY                              | WAVTS     |
|          | GND SW L08G, WAV TS LABOUR ONLY                                     | WAVTS     |
|          | FOUNDATIONS - B1L08   | WAVTS     |
| 394739   | FOUNDATIONS - B1L08-1   | WAVTS     |
|          | TRANS T1,INSP./OIL PROCESS,VBN 2016                                 | VBNTS     |
|          | FOUNDATIONS FOR METAL TOWERS  | WHBTL208  |
|          | METAL TOWERS (GUYED)  | WHBTL208  |
|          | METAL TOWERS (RIDGED)   | WHBTL208  |
|          | ANCHORS FOR GUYED TOWERS  | WHBTL208  |
|          | CONDUCTOR 795 MCM ACSR 26/7   | WHBTL208  |
|          | OVERHEAD GROUND WIRE  | WHBTL208  |
|          | COUNTERPOISE  | WHBTL208  |
|          | RIGHT OF WAY  | WHBTL208  |
| 33027303 |   | WIIDILZOO |

Review of Industrial Customer Specifically Assigned Assets - Appendix D (Revision 1 - March 5, 2018)

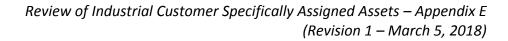
Page 5 of 6

| VALE     |                       |          |                    |                   |                                 |
|----------|-----------------------|----------|--------------------|-------------------|---------------------------------|
|          | Asset Additions       |          |                    |                   |                                 |
| Asset ID | Asset Description     | Location | Currently Assigned | To Be Assigned To | Re-assignment<br>Effective Date |
| 6454     | CT B1L08 B PH,WAV TS  | WAVTS    | COMMON             | VALE              | 1/1/2013                        |
| 394737   | FOUNDATIONS - B1L08   | WAVTS    | COMMON             | VALE              | 10/23/2015                      |
| 394739   | FOUNDATIONS - B1L08-1 | WAVTS    | COMMON             | VALE              | 10/23/2015                      |

Review of Industrial Customer Specifically Assigned Assets - Appendix D (Revision 1 - March 5, 2018)

Page 6 of 6

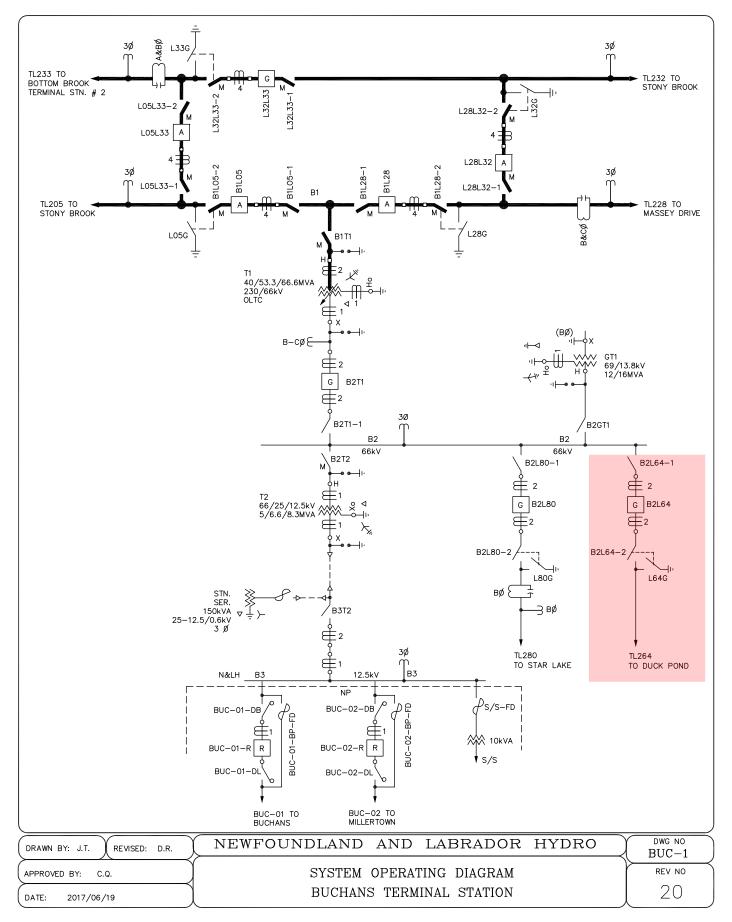
| VALE               |                   |  |          |                    |                   |                |
|--------------------|-------------------|--|----------|--------------------|-------------------|----------------|
|                    | Asset Deletions   |  |          |                    |                   |                |
|                    |                   |  |          | Currently Assigned |                   | Re-assignment  |
| Asset ID           | Asset Description |  | Location | То                 | To Be Assigned To | Effective Date |
| NO ASSET DELETIONS |                   |  |          |                    |                   |                |



# **Appendix E**

Teck Resources Limited

### Assets highlighted below are specifically assigned to Teck



|        | TECK                               |          |  |  |  |
|--------|------------------------------------|----------|--|--|--|
|        | Specifically Assigned Assets       |          |  |  |  |
|        |                                    |          |  |  |  |
|        | Asset Description                  | Location |  |  |  |
|        | TL264 PROTECTION, BUC TS           | BUCTS    |  |  |  |
|        | BREAKER, B2L64, BUC TS             | BUCTS    |  |  |  |
|        | DISCONNECT, B2L64-1, BUC TS        | BUCTS    |  |  |  |
|        | DISCONNECT, B2L64-2, BUC TS        | BUCTS    |  |  |  |
|        | BUS WORK, DPD TS                   | DPDTS    |  |  |  |
|        | WOOD SUPPORT STRUCT, DPD TS        | DPDTS    |  |  |  |
|        | POWER & CONTROL CABLE, DPD TS      | DPDTS    |  |  |  |
|        | GROUNDING, DPD TS                  | DPDTS    |  |  |  |
|        | STATION INSULATORS, DPDTS          | DPDTS    |  |  |  |
|        | DISCONNECT, L64T1, DPD TS          | DPDTS    |  |  |  |
| 298951 | T1AG, DPD TS                       | DPDTS    |  |  |  |
| 298952 | TRANSFORMER, T1 DPD TS             | DPDTS    |  |  |  |
| 298953 | TRANSFORMER T1 PROTECTION, DPD TS  | DPDTS    |  |  |  |
| 298991 | HV ARRESTERS T1, DPD TS            | DPDTS    |  |  |  |
|        | LV ARRESTERS T1, DPD TS            | DPDTS    |  |  |  |
| 298993 | NEUTRAL GROUND RESISTOR, T1 DPD TS | DPDTS    |  |  |  |
| 304235 | CONTROL CABLE, TL264, BUC TS       | BUCTS    |  |  |  |
| 304354 | RIGHT OF WAYS                      | BIFTL264 |  |  |  |
| 304355 | 40 FT WOOD POLES                   | BIFTL264 |  |  |  |
| 304356 | 45 FT WOOD POLES                   | BIFTL264 |  |  |  |
| 304357 | 50 FT WOOD POLES                   | BIFTL264 |  |  |  |
| 304358 | 55FT WOOD POLES                    | BIFTL264 |  |  |  |
| 304359 | 60FT WOOD POLES                    | BIFTL264 |  |  |  |
| 304360 | 65FT WOOD POLES                    | BIFTL264 |  |  |  |
| 304361 | TYPE D STRUCTURES                  | BIFTL264 |  |  |  |
| 304362 | SUSPENSION INSULATORS              | BIFTL264 |  |  |  |
| 304363 | POST TYPE INSULATORS               | BIFTL264 |  |  |  |
| 304364 | 266.8 ACSR ALUMINUM COND.          | BIFTL264 |  |  |  |
| 304365 | AIRCRAFT WARNING MARKERS.          | BIFTL264 |  |  |  |

Review of Industrial Customer Specifically Assigned Assets - Appendix E (Revision 1 - March 5, 2018)

Page 3 of 4

| TECK               |                   |  |          |                    |                   |                                 |  |  |  |  |
|--------------------|-------------------|--|----------|--------------------|-------------------|---------------------------------|--|--|--|--|
| Asset Additions    |                   |  |          |                    |                   |                                 |  |  |  |  |
| Asset ID           | Asset Description |  | Location | Currently Assigned | To Be Assigned To | Re-assignment<br>Effective Date |  |  |  |  |
| NO ASSET ADDITIONS |                   |  |          |                    |                   |                                 |  |  |  |  |

Review of Industrial Customer Specifically Assigned Assets - Appendix E (Revision 1 - March 5, 2018)

Page 4 of 4

| TECK               |                   |  |          |                    |                   |                |  |  |  |  |
|--------------------|-------------------|--|----------|--------------------|-------------------|----------------|--|--|--|--|
| Asset Deletions    |                   |  |          |                    |                   |                |  |  |  |  |
|                    |                   |  |          | Currently Assigned |                   | Re-assignment  |  |  |  |  |
| Asset ID           | Asset Description |  | Location | То                 | To Be Assigned To | Effective Date |  |  |  |  |
| NO ASSET DELETIONS |                   |  |          |                    |                   |                |  |  |  |  |