Q. (Reference Application) For each General Service Rate 2.4 customer, please identify the following with respect to its point of supply:

a) The transmission/distribution lines serving the customer's substation, including designation (e.g., Line 5L), voltage level, and transfer capacity.

b) The substation serving the customer including designation and number of customers served by the substation (in addition to the Rate 2.4 customer).

c) The transformers at the substation serving the customer and any other customers including designation, voltage level, maximum loading, and number of customers served by the transformer (in addition to the Rate 2.4 customer). If more than one transformer, please indicate if each transformer is capable of carrying the full load of the substation.

d) A single line diagram showing the customer's connection facilities.

A. a) Attachment A provides aggregate information regarding the substation, transmission, and distribution equipment serving Newfoundland Power's General Service Rate #2.4 customers.[1]

b) See the response to part a).

c) See the response to part a).

d) Newfoundland Power does not compile or maintain single line diagrams for customer-owned facilities.

[1] For customer confidentiality reasons, Newfoundland Power has not included the specific names of the General Service Rate #2.4 customers in Attachment A.

ATTACHMENT A:

Electricity Supply to General Service Rate #2.4 Customers

Newfoundland Power Inc.
Electricity Supply to General Service Rate #2.4 Customers

Suppying Substation[1]	Supplying Feeder or Transmission Line		Feeder Planning Capacity (MVA)	Supplying Transformer	Transformer Capacity (MVA)[2]	Customers Served by Substation
	Designation	Voltage (kV)				
BIG	BIG-01	12.5	7.7	BIG-T1	11.1	1,334
BVA	BVA-01	12.5	7.7	BVA-T1	25	2,604
BVS	BVS-03	12.5	10	BVS-T1/T2	20 + 15	4,016
CAR	CAR-01	12.5	7.7	CAR-T1	25	2,911
CLK	CLK-04	12.5	12.7	CLK-T1/T2	10 + 10	1,231
CLV	CLV-02	12.5	7.7	CLV-T2/T3	20 + 25	2,740
COB	COB-01	12.5	12.7	COB-T1/T3	20 + 25	4,356
GFS	GFS-10	25	25.5	GFS-T2/T3	20 + 50	8,167
GOU	GOU-02	12.5	12.7	GOU-T2/T3	20 + 13.3	4,471
GRH	GRH-02	12.5	7.7	GRH-T2	20	2,313
GRH	GRH-03	12.5	7.7	GRH-T2	20	2,313
HBS	HBS-02	25	5	HBS-T1	5	837
HUM	HUM-09	12.5	12.7	HUM-T3	25	1,602
HWD	HWD-02	12.5	12.7	HWD-T1/T2	20 + 20	10,690
KBR	KBR-11	12.5	7.7	KBR-T3/T4	25 + 25	5,698
KBR	KBR-12	12.5	7.7	KBR-T3/T4	25 + 25	5,698
KBR	KBR-13	12.5	10	KBR-T3/T4	25 + 25	5,698
KEL	KEL-03	12.5	12.7	KEL-T1	25	4,000
KEN	KEN-05	25	25.5	KEN-T1/T2	25 + 50	7,340
LCV[4]	410L	66	N/A	N/A	N/A	1
LET	LET-01	25	15.4	LET-T1	16.7	1,862
LEW	LEW-02	25	15.4	LEW-T1	25	4,470
LLK	LLK-02	12.5	8.9	LLK-T1	20	659
MIL	MIL-02	25	15.4	MIL-T1	16.7	2,758
MMT	MMT-01	12.5	6.7	MMT-T1	6.7	619
MOB	MOB-01	12.5	12.7	MOB-T2	16.7	2,589
MOL	MOL-02	12.5	12.7	MOL-T1/T2	25 + 25	9,049
MOL	MOL-06	12.5	10.2	MOL-T1/T2	25 + 25	9,049
MUN[3]	12L/14L	66	N/A	MUN-T1/T2	14.8 + 20	1
OPL	OPL-01	12.5	12.7	OPL-T1	15	1,772
OPL	OPL-03	12.5	7.7	OPL-T1	15	1,772
OXP	OXP-01	12.5	12.7	OXP-T1	13.3	1,290
PEP	PEP-05	12.5	12.7	PEP-T1/T2	25 + 25	3,382
RFD	104L	66	N/A	N/A	N/A	1
RRD	RRD-02	12.5	7.1	RRD-T2/T3	20 + 20	5,604
RRD	RRD-05	12.5	7.7	RRD-T2/T3	20 + 20	5,604
RRD	RRD-08	12.5	7.7	RRD-T2/T3	20 + 20	5,604
SJM	SJM-03	12.5	5.7	SJM-T1/T2	25 + 25	6,233
SJM	SJM-06	12.5	11.6	SJM-T1/T2	25 + 25	6,233
SJM	SJM-09	12.5	5.7	SJM-T1/T2	25 + 25	6,233
SJM	SJM-10	12.5	9.9	SJM-T3	25	6,233
SJM	SJM-14	12.5	5.7	SJM-T3	25	6,233
SLA	SLA-11	12.5	9.2	SLA-T4	25	9,403
SUM	SUM-02	25	10	SUM-T1	10	2,428
SUN	SUN-01	25	25	SUN-T5	25	1,522
VIR	VIR-01	12.5	12.7	VIR-T1/T2	25 + 25	6,811
VIR	VIR-06	12.5	12.7	VIR-T1/T2	25 + 25	6,811
WAL	WAL-02	12.5	12.7	WAL-T1	20	6,895
WAL	WAL-06	12.5	12.7	WAL-T2	25	6,895
WAL	WAL-07	12.5	12.7	WAL-T2	25	6,895
WES	WES-03	12.5	7.7	WES-T1	13.3	1,671

Notes:

1. As of July 31, 2023 Newfoundland Power had 61 General Service Rate #2.4 customers which were supplied by 51 of Newfoundland Power's distribution feeders or transmission lines.
2. For substations with two transformers, none maintain fully redundant transformer capacity in the event of a transformer failure.
3. Memorial University receives service from 66 kV to 12.5 kV power transformers located at MUN Substation. In addition to serving Memorial University, MUN Substation forms part of the integrated 66 kV transmission system serving St. John's Region. Long Pond ("LPD") Substation also provides service to MUN. See the response to Request for Information CA-NP-049.
4. LCV is a customer owned substation.