

-
- 1 Q. Please provide copies of the maps with the following information:
- 2 (i) Provincial Distribution (Newfoundland) - showing residential territories for
- 3 each office, including staffing, feeder lengths, and numbers of customers.
- 4 (ii) Communities served by Newfoundland Hydro's Interconnected and Diesel
- 5 Systems
- 6 (iii) Diesel Generation (Newfoundland) – showing the locations of diesel plants,
- 7 kW sizes, numbers of customers served, and the personnel for each diesel
- 8 location.
- 9 (iv) Provincial Distribution (Labrador) - showing residential territories for each
- 10 office, including staffing, feeder lengths, and numbers of customers.
- 11 (v) Diesel Generation (Labrador) – showing the locations of diesel plants, kW
- 12 sizes, numbers of customers served, and the personnel assigned for each
- 13 diesel location.
- 14 (vi) Power Supply – showing Nalcor Power Supply transmission lines and
- 15 personnel located at each Power Supply office.
- 16 (vii) Provincial Generation and Transmission Grid – showing all transmission lines
- 17 and generation in Newfoundland and Labrador.
- 18 (viii) Newfoundland Hydro Transmission (Newfoundland) - showing
- 19 Newfoundland Hydro transmission lines, voltages, and lengths, and field
- 20 transmission personnel, for each Regional office.
- 21 (ix) Newfoundland Hydro Transmission (Labrador) – showing Newfoundland
- 22 Hydro operated/maintained transmission lines in Labrador.
- 23 (x) Emera Transmission – showing Emera-owned transmission lines.
- 24
- 25
- 26 A. (i) Please refer to PUB-Nalcor-129, Attachment 1.

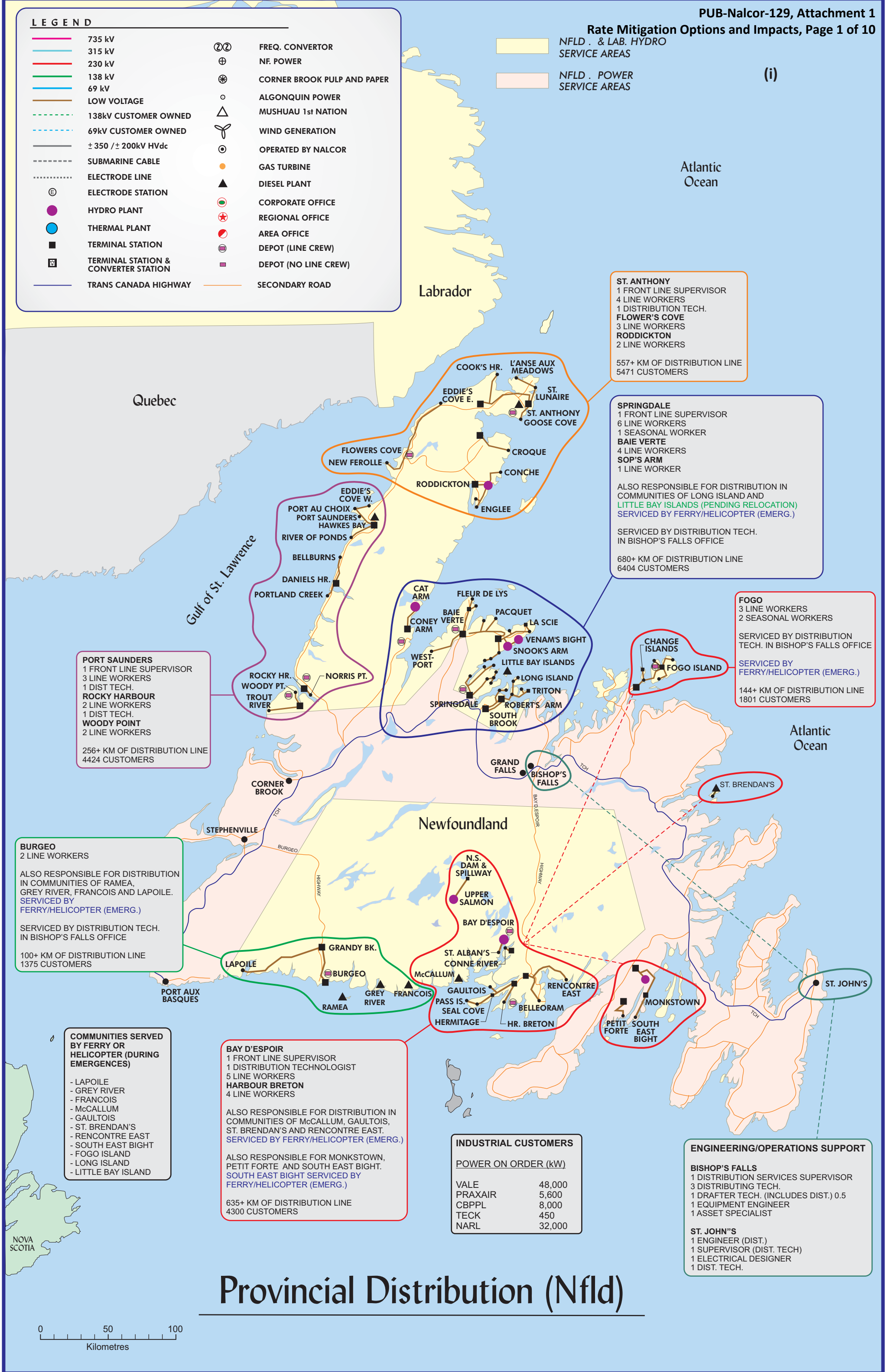
(i)

LEGEND

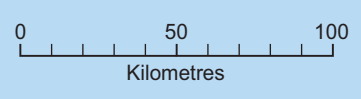
- 735 kV
- 315 kV
- 230 kV
- 138 kV
- 69 kV
- LOW VOLTAGE
- 138kV CUSTOMER OWNED
- 69kV CUSTOMER OWNED
- ± 350 / ± 200kV HVdc
- SUBMARINE CABLE
- ELECTRODE LINE
- ⊕ ELECTRODE STATION
- HYDRO PLANT
- THERMAL PLANT
- TERMINAL STATION
- ⊞ TERMINAL STATION & CONVERTER STATION
- TRANS CANADA HIGHWAY
- SECONDARY ROAD
- ⊞ FREQ. CONVERTOR
- ⊕ NF. POWER
- ⊗ CORNER BROOK PULP AND PAPER
- ⊙ ALGONQUIN POWER
- △ MUSHUAU 1st NATION
- ⊙ WIND GENERATION
- ⊙ OPERATED BY NALCOR
- GAS TURBINE
- DIESEL PLANT
- ⊙ CORPORATE OFFICE
- ⊙ REGIONAL OFFICE
- ⊙ AREA OFFICE
- ⊙ DEPOT (LINE CREW)
- ⊙ DEPOT (NO LINE CREW)

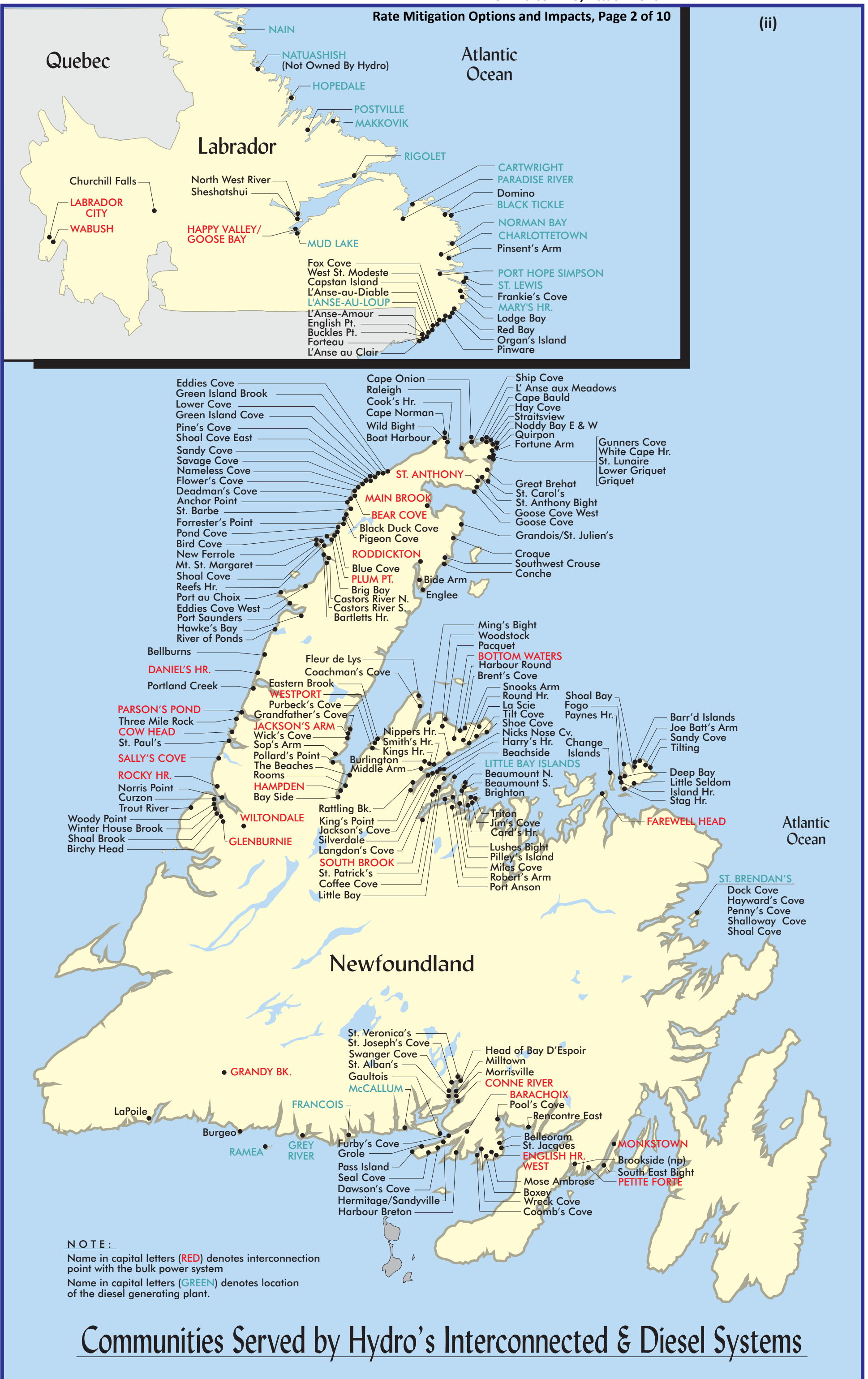
NFLD . & LAB. HYDRO SERVICE AREAS

NFLD . POWER SERVICE AREAS



Provincial Distribution (Nfld)



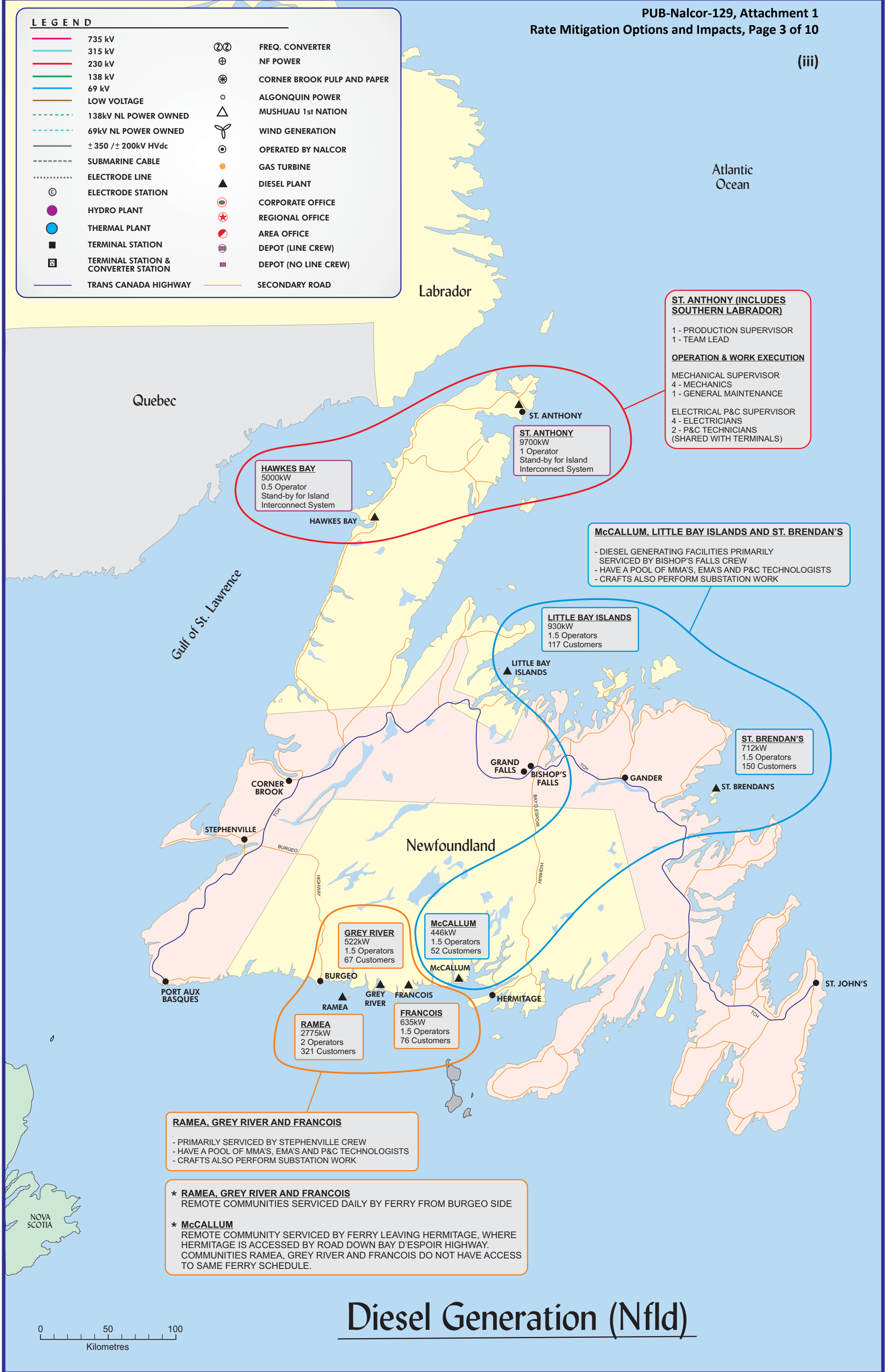


NOTE :
 Name in capital letters (RED) denotes interconnection point with the bulk power system
 Name in capital letters (GREEN) denotes location of the diesel generating plant.

Communities Served by Hydro's Interconnected & Diesel Systems

LEGEND

	735 kV		FREQ. CONVERTER
	315 kV		NF POWER
	230 kV		CORNER BROOK PULP AND PAPER
	138 kV		ALGONQUIN POWER
	69 kV		MUSHUAU 1st NATION
	LOW VOLTAGE		WIND GENERATION
	138kV NL POWER OWNED		OPERATED BY NALCOR
	69kV NL POWER OWNED		GAS TURBINE
	± 350 / ± 200kV HVdc		DIESEL PLANT
	SUBMARINE CABLE		CORPORATE OFFICE
	ELECTRODE LINE		REGIONAL OFFICE
	ELECTRODE STATION		AREA OFFICE
	HYDRO PLANT		DEPOT (LINE CREW)
	THERMAL PLANT		DEPOT (NO LINE CREW)
	TERMINAL STATION		SECONDARY ROAD
	TERMINAL STATION & CONVERTER STATION		
	TRANS CANADA HIGHWAY		



ST. ANTHONY (INCLUDES SOUTHERN LABRADOR)

1 - PRODUCTION SUPERVISOR
1 - TEAM LEAD

OPERATION & WORK EXECUTION

MECHANICAL SUPERVISOR
4 - MECHANICS
1 - GENERAL MAINTENANCE

ELECTRICAL P&C SUPERVISOR
4 - ELECTRICIANS
2 - P&C TECHNICIANS (SHARED WITH TERMINALS)

ST. ANTHONY
9700kW
1 Operator
Stand-by for Island Interconnect System

HAWKES BAY
5000kW
0.5 Operator
Stand-by for Island Interconnect System

McCALLUM, LITTLE BAY ISLANDS AND ST. BRENDAN'S

- DIESEL GENERATING FACILITIES PRIMARILY SERVICED BY BISHOP'S FALLS CREW
- HAVE A POOL OF MMA'S, EMA'S AND P&C TECHNOLOGISTS
- CRAFTS ALSO PERFORM SUBSTATION WORK

LITTLE BAY ISLANDS
930kW
1.5 Operators
117 Customers

ST. BRENDAN'S
712kW
1.5 Operators
150 Customers

McCALLUM
446kW
1.5 Operators
52 Customers

GREY RIVER
522kW
1.5 Operators
67 Customers

RAMEA
2775kW
2 Operators
321 Customers

FRANCOIS
635kW
1.5 Operators
76 Customers

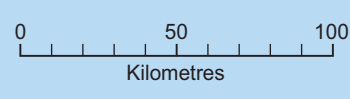
RAMEA, GREY RIVER AND FRANCOIS

- PRIMARILY SERVICED BY STEPHENVILLE CREW
- HAVE A POOL OF MMA'S, EMA'S AND P&C TECHNOLOGISTS
- CRAFTS ALSO PERFORM SUBSTATION WORK

* **RAMEA, GREY RIVER AND FRANCOIS**
REMOTE COMMUNITIES SERVICED DAILY BY FERRY FROM BURGEO SIDE

* **McCALLUM**
REMOTE COMMUNITY SERVICED BY FERRY LEAVING HERMITAGE, WHERE HERMITAGE IS ACCESSED BY ROAD DOWN BAY D'ESPOIR HIGHWAY. COMMUNITIES RAMEA, GREY RIVER AND FRANCOIS DO NOT HAVE ACCESS TO SAME FERRY SCHEDULE.

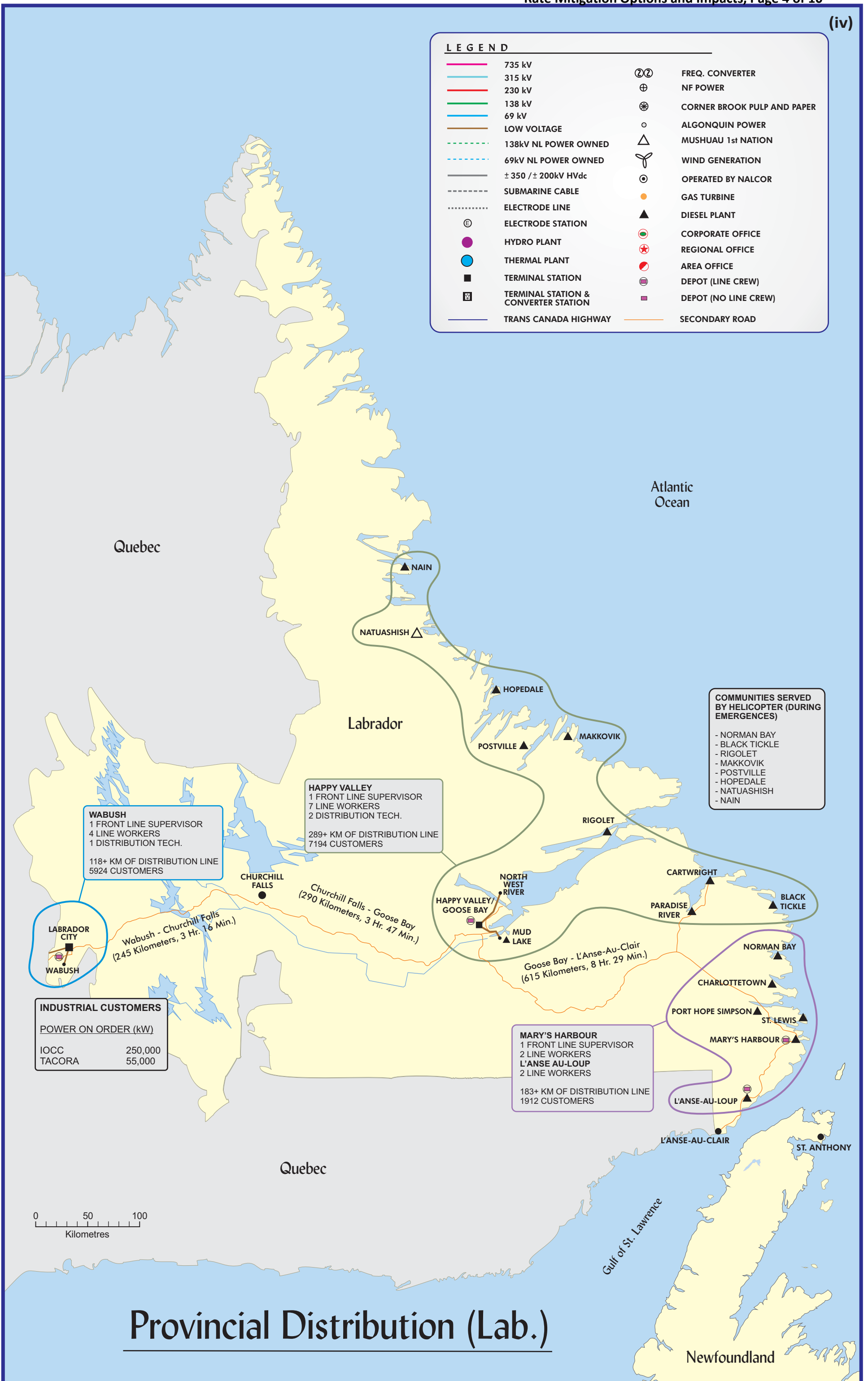
Diesel Generation (Nfld)



(iv)

LEGEND

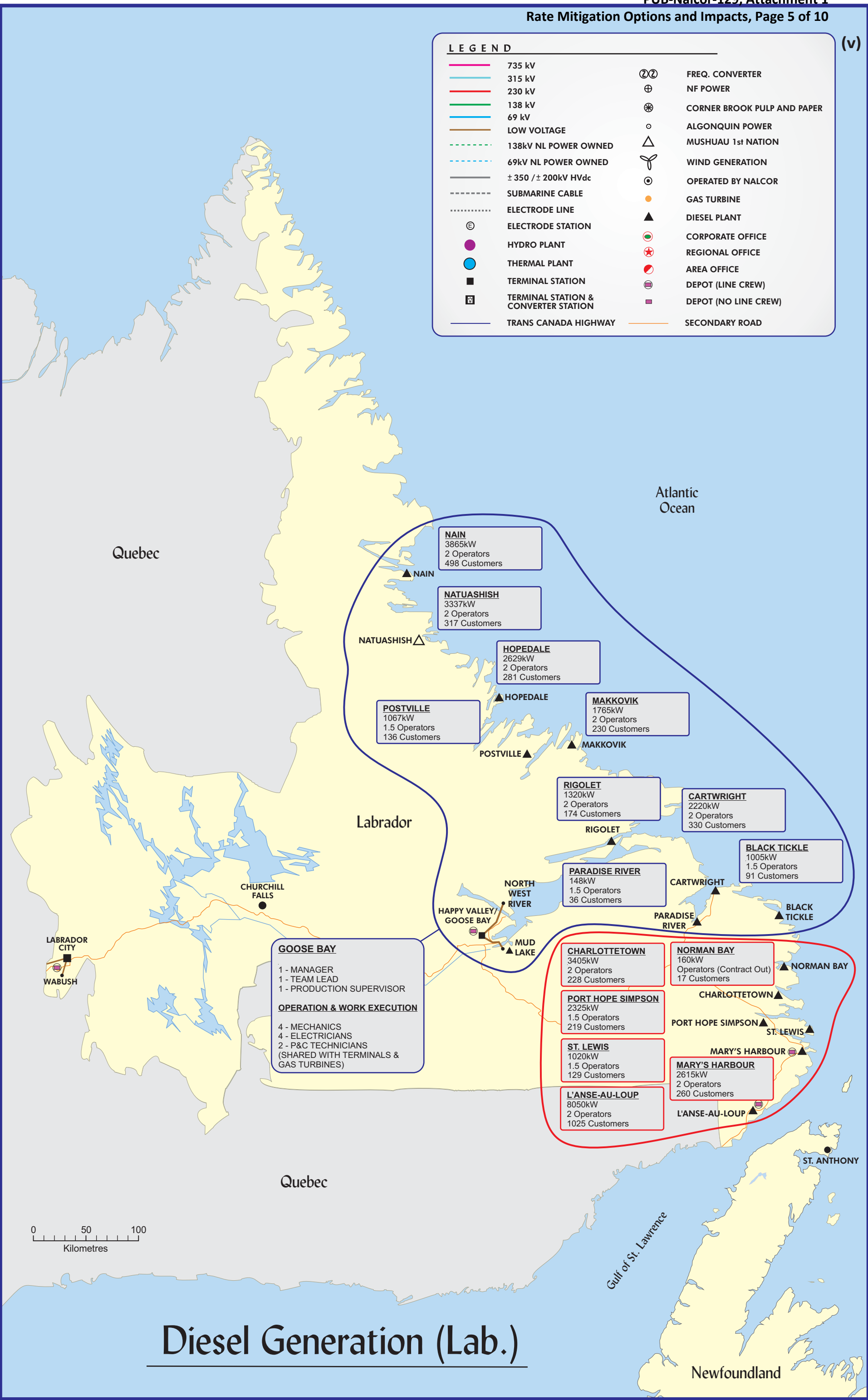
	735 kV		FREQ. CONVERTER
	315 kV		NF POWER
	230 kV		CORNER BROOK PULP AND PAPER
	138 kV		ALGONQUIN POWER
	69 kV		MUSHUAU 1st NATION
	LOW VOLTAGE		WIND GENERATION
	138kV NL POWER OWNED		OPERATED BY NALCOR
	69kV NL POWER OWNED		GAS TURBINE
	± 350 / ± 200kV HVdc		DIESEL PLANT
	SUBMARINE CABLE		CORPORATE OFFICE
	ELECTRODE LINE		REGIONAL OFFICE
	ELECTRODE STATION		AREA OFFICE
	HYDRO PLANT		DEPOT (LINE CREW)
	THERMAL PLANT		DEPOT (NO LINE CREW)
	TERMINAL STATION		TERMINAL STATION & CONVERTER STATION
	TERMINAL STATION & CONVERTER STATION		TRANS CANADA HIGHWAY
	TRANS CANADA HIGHWAY		SECONDARY ROAD



(v)

LEGEND

	735 kV		FREQ. CONVERTER
	315 kV		NF POWER
	230 kV		CORNER BROOK PULP AND PAPER
	138 kV		ALGONQUIN POWER
	69 kV		MUSHUAU 1st NATION
	LOW VOLTAGE		WIND GENERATION
	138kV NL POWER OWNED		OPERATED BY NALCOR
	69kV NL POWER OWNED		GAS TURBINE
	± 350 / ± 200kV HVdc		DIESEL PLANT
	SUBMARINE CABLE		CORPORATE OFFICE
	ELECTRODE LINE		REGIONAL OFFICE
	ELECTRODE STATION		AREA OFFICE
	HYDRO PLANT		DEPOT (LINE CREW)
	THERMAL PLANT		DEPOT (NO LINE CREW)
	TERMINAL STATION		TRANS CANADA HIGHWAY
	TERMINAL STATION & CONVERTER STATION		SECONDARY ROAD



GOOSE BAY

- 1 - MANAGER
- 1 - TEAM LEAD
- 1 - PRODUCTION SUPERVISOR

OPERATION & WORK EXECUTION

- 4 - MECHANICS
- 4 - ELECTRICIANS
- 2 - P&C TECHNICIANS (SHARED WITH TERMINALS & GAS TURBINES)

<p>CHARLOTTETOWN</p> <p>3405kW 2 Operators 228 Customers</p>	<p>NORMAN BAY</p> <p>160kW Operators (Contract Out) 17 Customers</p>
<p>PORT HOPE SIMPSON</p> <p>2325kW 1.5 Operators 219 Customers</p>	<p>MARY'S HARBOUR</p> <p>2615kW 2 Operators 260 Customers</p>
<p>ST. LEWIS</p> <p>1020kW 1.5 Operators 129 Customers</p>	<p>L'ANSE-AU-LOUP</p> <p>8050kW 2 Operators 1025 Customers</p>

Diesel Generation (Lab.)

LEGEND (vi) & (vii)

	735 kV		FREQ. CONVERTER
	315 kV		NF POWER
	230 kV		CORNER BROOK PULP AND PAPER
	138 kV		ALGONQUIN POWER
	69 kV		MUSHUAU 1st NATION
	LOW VOLTAGE		WIND GENERATION
	138kV NL POWER OWNED		OPERATED BY NALCOR
	69kV NL POWER OWNED		GAS TURBINE
	± 350 / ± 200kV HVdc		DIESEL PLANT
	SUBMARINE CABLE		CORPORATE OFFICE
	ELECTRODE LINE		REGIONAL OFFICE
	ELECTRODE STATION		AREA OFFICE
	HYDRO PLANT		DEPOT (LINE CREW)
	THERMAL PLANT		DEPOT (NO LINE CREW)
	TERMINAL STATION		SECONDARY ROAD
	TERMINAL STATION & CONVERTER STATION		
	TRANS CANADA HIGHWAY		
	OTN REPEATER SITE		

ENGINEERING

OPERATIONS SUPPORT ENG.	5
PORTFOLIO & ASSET MAN.	5
PROJECT EXECUTION	3
BUSINESS SERVICES	20
TOTAL	33

OPERATIONS/SERVICES

SERVICES ADMINISTRATION	1.0
HUMAN RESOURCES	5.0
CORP. COMM. & SHARE HOLD	1.0
HUMAN RESOURCES OTHER	11.4
WATER RESOURCES	4.5
GENERATION OPERATIONS	79.6
PRODUCTION MANAGEMENT	6.0
BUSINESS SERVICES	1.0
ENVIRONMENT	1.0
HEALTH	2.0
SAFETY	3.0
LINES AND STATIONS	22.0
TOTAL	137.5

TOWN RELATED

TRANSPORT & HEAVY EQUIPMENT	21.6
AIR SERVICES	13.1
FACILITIES	43.3
EDUCATIONAL SERVICES	20.5
TOWN OPERATIONS	15.7
FIRE & SECURITY	13.4
RETAIL SERVICES	9.6
STAFF HOUSE	14.2
TOTAL	151.4

OPERATIONS/SERVICES

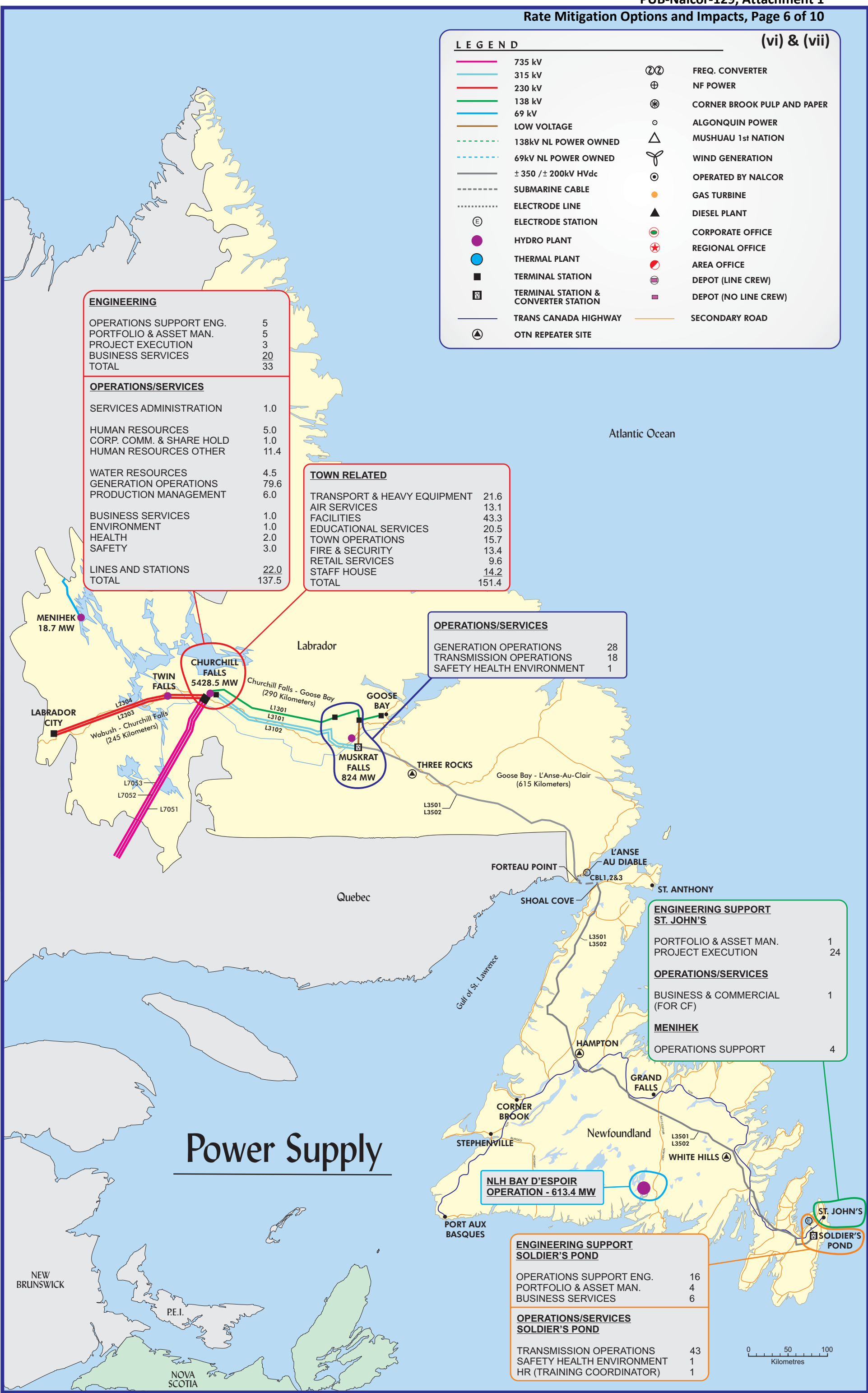
GENERATION OPERATIONS	28
TRANSMISSION OPERATIONS	18
SAFETY HEALTH ENVIRONMENT	1

ENGINEERING SUPPORT ST. JOHN'S

PORTFOLIO & ASSET MAN.	1
PROJECT EXECUTION	24
OPERATIONS/SERVICES	
BUSINESS & COMMERCIAL (FOR CF)	1
MENIHEK	
OPERATIONS SUPPORT	4

ENGINEERING SUPPORT SOLDIER'S POND

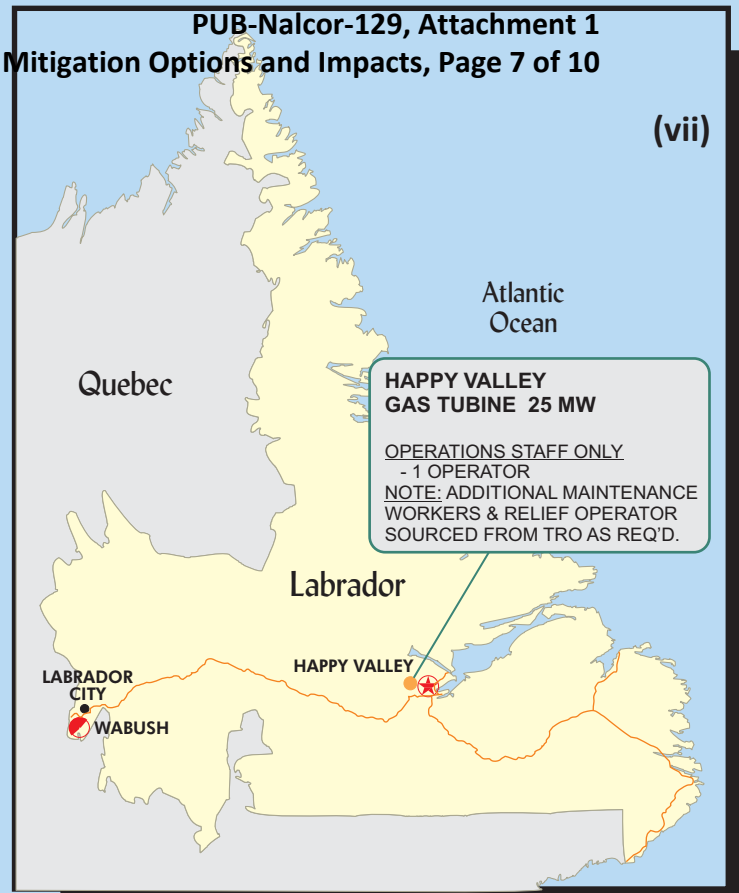
OPERATIONS SUPPORT ENG.	16
PORTFOLIO & ASSET MAN.	4
BUSINESS SERVICES	6
OPERATIONS/SERVICES	
TRANSMISSION OPERATIONS	43
SAFETY HEALTH ENVIRONMENT	1
HR (TRAINING COORDINATOR)	1



Power Supply

LEGEND

- 735 kV
- 315 kV
- 230 kV
- 138 kV
- 69 kV
- LOW VOLTAGE
- 138kV NL POWER OWNED
- 69kV NL POWER OWNED
- ± 350 / ± 200kV HVdc
- SUBMARINE CABLE
- ELECTRODE LINE
- ⊕ ELECTRODE STATION
- HYDRO PLANT
- THERMAL PLANT
- TERMINAL STATION
- ⊕ TERMINAL STATION & CONVERTER STATION
- TRANS CANADA HIGHWAY
- SECONDARY ROAD
- ⊕ FREQ. CONVERTER
- ⊕ NF POWER
- ⊕ CORNER BROOK PULP AND PAPER
- ⊕ ALGONQUIN POWER
- ⊕ MUSHUAU 1st NATION
- ⊕ WIND GENERATION
- ⊕ OPERATED BY NALCOR
- GAS TURBINE
- DIESEL PLANT
- ⊕ CORPORATE OFFICE
- ⊕ REGIONAL OFFICE
- ⊕ AREA OFFICE
- ⊕ DEPOT (LINE CREW)
- ⊕ DEPOT (NO LINE CREW)



HAPPY VALLEY GAS TURBINE 25 MW
OPERATIONS STAFF ONLY
- 1 OPERATOR
NOTE: ADDITIONAL MAINTENANCE WORKERS & RELIEF OPERATOR SOURCED FROM TRO AS REQ'D.

GAS TURBINE AND DIESEL OPERATIONS
(6) INDIVIDUALS REPORT TO ST. JOHN'S OFFICE
- 1 SENIOR MANAGER
- 1 PRODUCTION SUPERVISOR FOR GAS TURBINES
- 2 EQUIPMENT ENGINEERS
- 2 ASSET SPECIALISTS

NOTE: STAFF PROVIDE OPERATIONS SUPPORT AND LONG TERM PLANNING FOR GAS TURBINE ASSETS AND LONG TERM ASSET PLANNING SUPPORT ONLY FOR DIESEL ASSETS OWNED AND OPERATED BY TRO.

EXPLOITS OPERATIONS - 96 MW
(GRAND FALLS AND BISHOP'S FALLS PLANTS)
(PLANT NOT REMOTELY OPERATED)

1 SENIOR MANAGER
1 SAFETY, HEALTH, AND ENVIRONMENT
1 SUPPORT SERVICES

(4) LONG TERM ASSET PLANNING DEPT.
- 1 MANAGER
- 2 ASSET SPECIALISTS
- 1 ENGINEER

(15) WORK EXECUTION DEPARTMENT
- 1 MANAGER
- 2 PLANNERS
- 2 FRONTLINE SUPERVISORS
- 4 ELECTRICAL MAINTENANCE
- 6 MECHANICAL MAINTENANCE

(15) OPERATIONS DEPARTMENT
- 1 SUPERVISOR
- 5 LEAD OPERATORS
- 5 OPERATORS
- 1 REMOTE OPERATOR (BISHOP'S FALLS PLANT)
- 2 OPERATIONS & MAINTENANCE COORDINATORS
- 1 GENERAL MAINTENANCE B

WESTERN OPERATIONS - 209MW
(CAT ARM AND HINDS LAKE PLANTS)
(UNATTENDED)

1 OPERATIONS SUPERVISOR
4 REMOTE OPERATORS
2 GENERAL MAINTENANCE B

STEPHENVILLE GAS TUBINE - 50 MW

OPERATIONS STAFF ONLY
- 1 OPERATOR
NOTE: ADDITIONAL MAINTENANCE WORKERS & RELIEF OPERATOR SOURCED FROM TRO AS REQ'D.

EASTERN OPERATIONS - 142MW
(STAR LAKE, GRANITE CANAL, UPPER SALMON AND PARADISE RIVER PLANTS)
(UNATTENDED)

1 OPERATIONS SUPERVISOR
5 REMOTE OPERATORS
1 GENERAL MAINTENANCE B

HARDWOODS GAS TURBINE - 50 MW

OPERATIONS STAFF ONLY
- 1 OPERATOR
NOTE: ADDITIONAL MAINTENANCE WORKERS & RELIEF OPERATOR SOURCED FROM TRO AS REQ'D.

HYDRO GENERATION OPERATIONS - 932 MW

1 SENIOR MANAGER
2 SAFETY, HEALTH, AND ENVIRONMENT
1 MANAGER, OPERATIONS
1 MANAGER, LONG TERM ASSET PLANNING
1 MANAGER, WORK EXECUTION

(8) SUPPORT SERVICES
- 1 TEAM LEAD
- 1 AREA OFFICE CLERK
- 2 OFFICE CLERKS
- 4 SECURITY GUARDS

(5) LONG TERM ASSET PLANNING DEPT.
- 2 ASSET SPECIALISTS
- 3 ENGINEERS

(41) WORK EXECUTION DEPARTMENT
- 1 CIVIL TECHNOLOGIST
(5) PLANNING
- 1 PLANNING SUPERVISOR
- 1 SCHEDULER
- 3 PLANNERS
(10) TECH./ELECT. MAINTENANCE
- 1 FRONTLINE SUPERVISOR
- 5 ELECTRICAL MAINTENANCE A
- 4 TECHNOLOGIST
(12) MECHANICAL MAINTENANCE
- 1 FRONTLINE SUPERVISOR
- 11 MECHANICAL MAINTENANCE A
(14) CIVIL MAINTENANCE & DAM SAFETY
- 1 FRONTLINE SUPERVISOR
- 10 GENERAL MAINTENANCE B
- 2 HEAVY EQUIPMENT OPERATORS
- 1 CARPENTER

BAY D'ESPOIR PLANT OPERATIONS - 613.4 MW
BAY D'ESPOIR PLANTS (2)
(ATTENDED)

12) OPERATIONS DEPARTMENT
- 1 OPERATIONS SUPERVISOR
- 5 LEAD HYDRO PLANT OPERATORS
- 5 HYDRO PLANT OPERATORS
- 1 UTILITY

HOLYROOD GAS TURBINE - 123.5 MW

OPERATIONS STAFF ONLY
- 4 OPERATORS
- 3 MAINTENANCE STAFF (MECHANICAL, ELECTRICAL & INSTRUMENTATION)

HOLYROOD THERMAL GENERATING STATION - 490.0 MW

1 SENIOR MANAGER

(16) SAFETY, HEALTH, AND ENVIRONMENT
- 1 MANAGER
- 2 COORDINATORS
- 6 TECHNOLOGIST
- 1 CHEMIST
- 6 EMERGENCY RESPONSE TECHNICIANS

(3) SUPPORT SERVICES
- 1 TEAM LEAD
- 2 OFFICE CLERKS

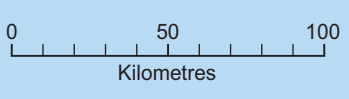
(41) WORK EXECUTION DEPARTMENT
- 1 MANAGER
- 1 ENGINEER
- (6) PLANNING
- 1 PLANNING SUPERVISOR
- 1 SCHEDULER
- 3 PLANNERS
- 1 CLERK
(6) ELECTRICAL MAINTENANCE
- 1 FRONTLINE SUPERVISOR
- 5 ELECTRICAL MAINTENANCE A

(19) MECHANICAL MAINTENANCE
- 2 FRONTLINE SUPERVISOR
- 10 MECHANICAL MAINTENANCE A
- 7 GENERAL MAINTENANCE B
(8) INSTRUMENTATION
- 1 FRONTLINE SUPERVISOR
- 7 TECHNOLOGIST

(33) OPERATIONS DEPARTMENT
- 1 MANAGER
- 1 ASSISTANT MANAGER
- 1 ASSET SPECIALIST
- 5 SHIFT SUPERVISORS
- 25 THERMAL PLANT OPERATORS

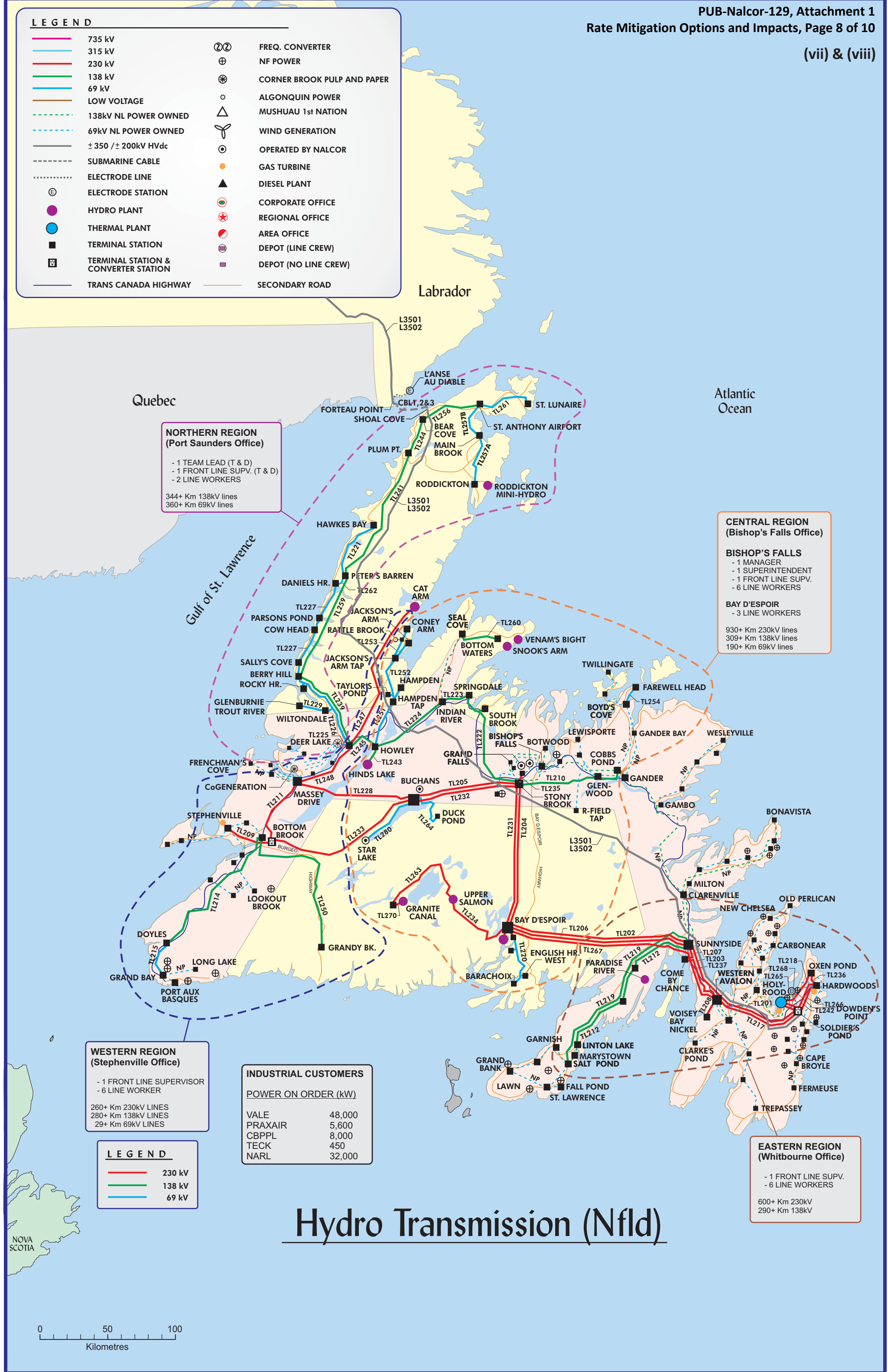
(6) LONG TERM ASSET PLANNING DEPARTMENT
- 1 MANAGER
- 1 ASSET SPECIALIST
- 4 ENGINEERS

Generation Production (Nfld)



LEGEND

- 735 kV
- 315 kV
- 230 kV
- 138 kV
- 69 kV
- LOW VOLTAGE
- 138kV NL POWER OWNED
- 69kV NL POWER OWNED
- ± 350 / ± 200kV HVdc
- SUBMARINE CABLE
- ELECTRODE LINE
- ⊕ ELECTRODE STATION
- HYDRO PLANT
- THERMAL PLANT
- TERMINAL STATION
- ⊠ TERMINAL STATION & CONVERTER STATION
- TRANS CANADA HIGHWAY
- SECONDARY ROAD
- ⊗ FREQ. CONVERTER
- ⊕ NF POWER
- ⊗ CORNER BROOK PULP AND PAPER
- ⊙ ALGONQUIN POWER
- ⊙ MUSHUAU 1st NATION
- WIND GENERATION
- ⊙ OPERATED BY NALCOR
- GAS TURBINE
- DIESEL PLANT
- ⊙ CORPORATE OFFICE
- ⊙ REGIONAL OFFICE
- ⊙ AREA OFFICE
- ⊙ DEPOT (LINE CREW)
- ⊙ DEPOT (NO LINE CREW)



NORTHERN REGION
(Port Saunders Office)

- 1 TEAM LEAD (T & D)
- 1 FRONT LINE SUPV. (T & D)
- 2 LINE WORKERS

344+ Km 138kV lines
360+ Km 69kV lines

CENTRAL REGION
(Bishop's Falls Office)

BISHOP'S FALLS

- 1 MANAGER
- 1 SUPERINTENDENT
- 1 FRONT LINE SUPV.
- 6 LINE WORKERS

BAY D'ESPOIR

- 3 LINE WORKERS

930+ Km 230kV lines
309+ Km 138kV lines
190+ Km 69kV lines

WESTERN REGION
(Stephenville Office)

- 1 FRONT LINE SUPERVISOR
- 6 LINE WORKER

260+ Km 230kV LINES
280+ Km 138kV LINES
29+ Km 69kV LINES

INDUSTRIAL CUSTOMERS

POWER ON ORDER (kW)

VALE	48,000
PRAXAIR	5,600
CBPPL	8,000
TECK	450
NARL	32,000

LEGEND

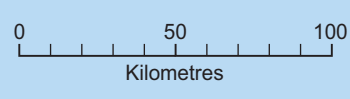
- 230 kV
- 138 kV
- 69 kV

EASTERN REGION
(Whitbourne Office)

- 1 FRONT LINE SUPV.
- 6 LINE WORKERS

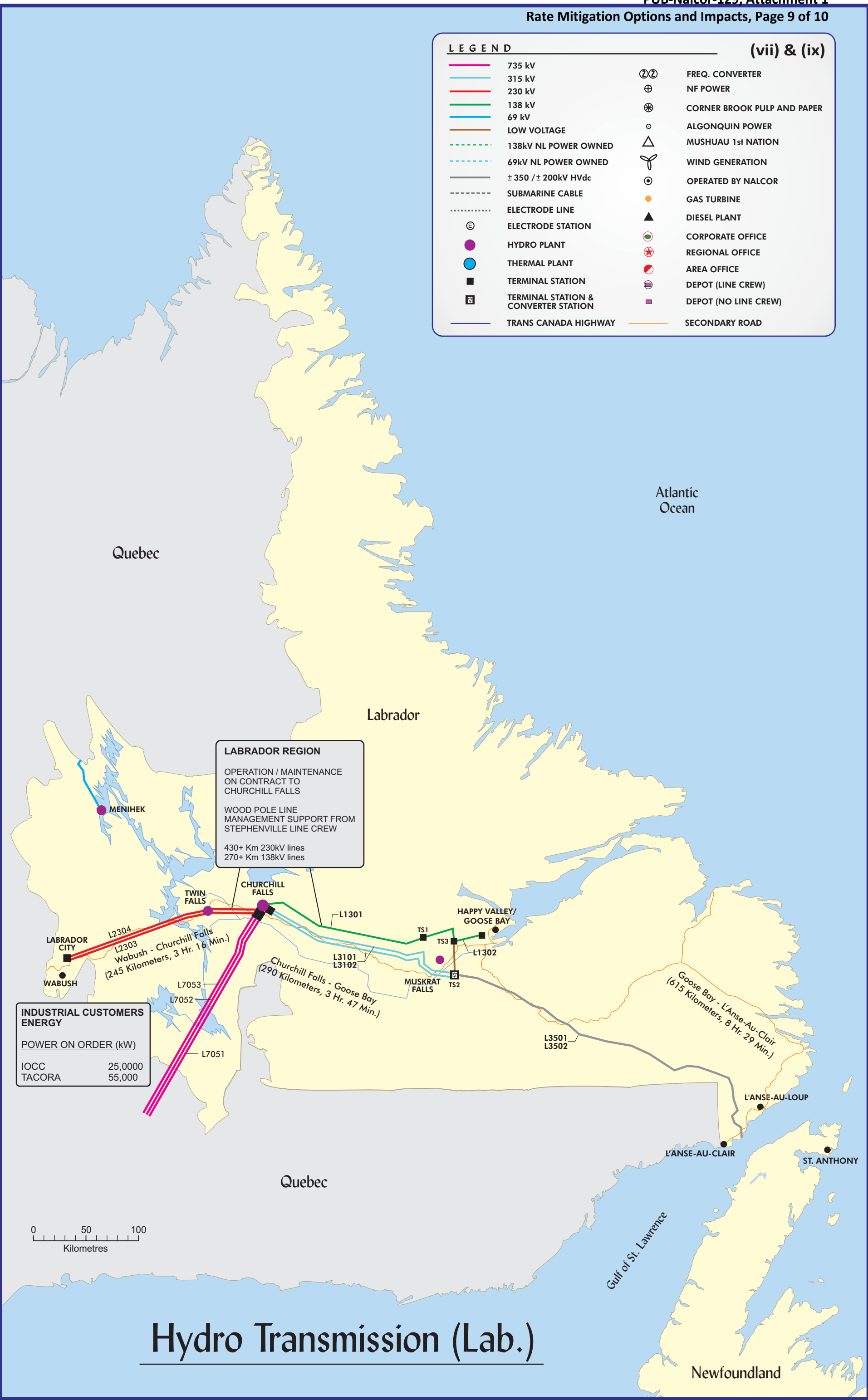
600+ Km 230kV
290+ Km 138kV

Hydro Transmission (Nfld)



LEGEND (vii) & (ix)

	735 kV		FREQ. CONVERTER
	315 kV		NF POWER
	230 kV		CORNER BROOK PULP AND PAPER
	138 kV		ALGONQUIN POWER
	69 kV		MUSHUAU 1st NATION
	LOW VOLTAGE		WIND GENERATION
	138kV NL POWER OWNED		OPERATED BY NALCOR
	69kV NL POWER OWNED		GAS TURBINE
	± 350 / ± 200kV HVdc		DIESEL PLANT
	SUBMARINE CABLE		CORPORATE OFFICE
	ELECTRODE LINE		REGIONAL OFFICE
	ELECTRODE STATION		AREA OFFICE
	HYDRO PLANT		DEPOT (LINE CREW)
	THERMAL PLANT		DEPOT (NO LINE CREW)
	TERMINAL STATION		TRANS CANADA HIGHWAY
	TERMINAL STATION & CONVERTER STATION		SECONDARY ROAD

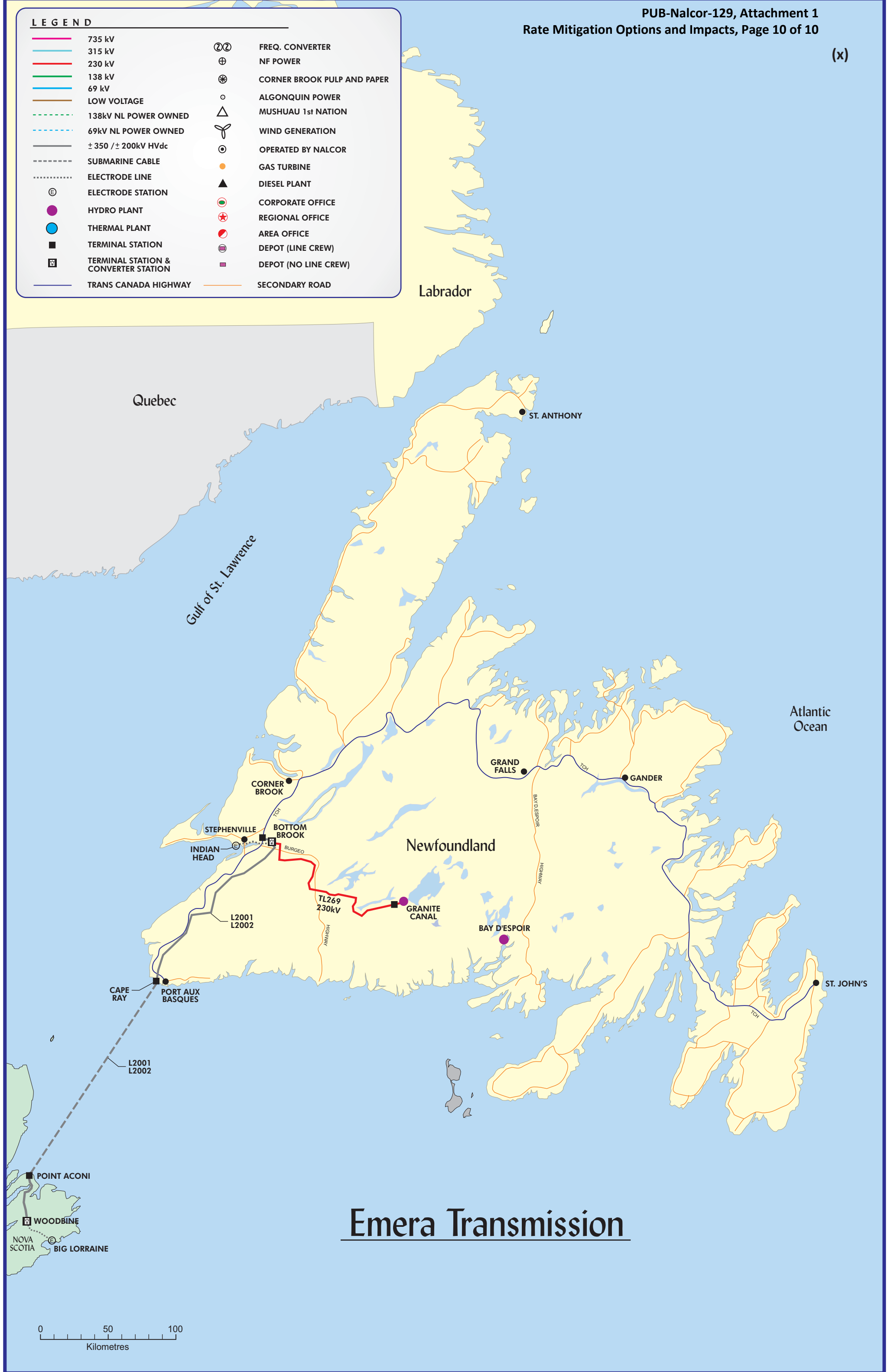


Hydro Transmission (Lab.)

Newfoundland

LEGEND

- | | | | |
|--|--------------------------------------|--|-----------------------------|
| | 735 kV | | FREQ. CONVERTER |
| | 315 kV | | NF POWER |
| | 230 kV | | CORNER BROOK PULP AND PAPER |
| | 138 kV | | ALGONQUIN POWER |
| | 69 kV | | MUSHUAU 1st NATION |
| | LOW VOLTAGE | | WIND GENERATION |
| | 138kV NL POWER OWNED | | OPERATED BY NALCOR |
| | 69kV NL POWER OWNED | | GAS TURBINE |
| | ± 350 / ± 200kV HVdc | | DIESEL PLANT |
| | SUBMARINE CABLE | | CORPORATE OFFICE |
| | ELECTRODE LINE | | REGIONAL OFFICE |
| | ELECTRODE STATION | | AREA OFFICE |
| | HYDRO PLANT | | DEPOT (LINE CREW) |
| | THERMAL PLANT | | DEPOT (NO LINE CREW) |
| | TERMINAL STATION | | SECONDARY ROAD |
| | TERMINAL STATION & CONVERTER STATION | | |
| | TRANS CANADA HIGHWAY | | |



Emera Transmission

