





## RSLD – Distribution System Capacity Information Map – Phase 1

RSL distributes to 6 service areas: Cardinal, Iroquois, Morrisburg, Prescott, Westport, Williamsburg

Please reach out directly to [rslu@rslu.ca](mailto:rslu@rslu.ca) directly to explore additional options or discuss specific connection needs.


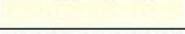


Municipality	Upstream Station	HV	HV Protection	HV Feeder	HV Load Capacity	Distribution Station	Service Area	Year Energized	Transformer Size	LV (L-L/L-N)	LV Protection	No. of LV Feeders	LV Load Capacity	LV Generation Capacity
Cardinal	Morrisburg TS <b>Restricted</b>	44kV	65E	18M23	>2000 KVA	<b>Cardinal MS1</b>	North of Hwy 2	Jun-53	3.0 MVA	4.16 / 2.4kV	400A Fuses	2	-	<b>Restricted (Upstream Constraints)</b>
	Morrisburg TS <b>Restricted</b>	44kV	65E	18M23	>2000 KVA	<b>Cardinal MS2</b>	South of Hwy 2	Sep-96	3.0 MVA	4.16 / 2.4kV	400A Fuses	2	-	<b>Restricted (Upstream Constraints)</b>
Iroquois	Morrisburg TS <b>Restricted</b>	44kV	100E	18M25	>2000 KVA	<b>Iroquois MS1</b>	Iroquois	Jun 1953 (T1)	3.0 MVA	8.31 / 4.8 kV	300A Fuses 200A Reclosure	2	-	<b>Restricted (Upstream Constraints)</b>
		44kV	100E		>2000 KVA	<b>(back-up tx)</b>		Feb 2016 (T2)	3.0 MVA	8.31 / 4.8 kV	400A Fuses			
Morrisburg	Morrisburg TS <b>Restricted</b>	44kV	150E	18M26	>2000 KVA	<b>Morrisburg MS1</b>	South of Cty Rd 2	Sep-76	5.0 MVA	4.16 / 2.4kV	400A Fuses	4	-	<b>Restricted (Upstream Constraints)</b>
	Morrisburg TS <b>Restricted</b>	44kV	150E	18M26	>2000 KVA	<b>Morrisburg MS2</b>	North of Cty Rd 2	Dec-23	5.0 MVA	4.16 / 2.4kV	400A Fuses	2	-	<b>Restricted (Upstream Constraints)</b>
Prescott	Brockville TS NO Morrisburg TS NC	44kV	SMD-50	24B1R NO 18M23 NC	>2000 KVA	<b>Prescott MS1/QL2</b>	West Town	1965	3.0 MVA	4.16 / 2.4kV	400A Fuses	3	-	-
	Brockville TS NO Morrisburg TS NC	44kV	80E	24B1R NO 18M23 NC	>2000 KVA	<b>Prescott MS2/QL20</b>	Centre Town	1954-06-01 Reburb 2017	5.0 MVA	4.16 / 2.4kV	400A Fuses	2	-	-
	Brockville TS NO Morrisburg TS NC	44kV	100E	24B1R NO 18M23 NC	>2000 KVA	<b>Prescott MS3/QL40</b>	North West Town	Jun-63	5.0 MVA	4.16 / 2.4kV	400A Fuses	4	-	-
	Brockville TS NO Morrisburg TS NC	44kV	60F	24B1R NO 18M23 NC	>2000 KVA	<b>Prescott MS4/QL30</b>	East Town	Oct-91	5.0 MVA	4.16 / 2.4kV	400A Reclosure	2	-	-
Westport	Crosby TS	27.6kV	-	23M25	-	<b>Newboro DS (Hydro One)</b>	Westport	-	-	8.31 / 4.8 kV	-	1- F2 <b>Restricted</b>	>2000 KVA	<b>Restricted (Upstream Constraints)</b>
Williamsburg	Morrisburg TS <b>Restricted</b>	44kV	-	18M26	-	<b>Glenbecker DS (Hydro One)</b>	Williamsburg	-	-	8.31 / 4.8 kV	-	1- F3 <b>Restricted</b>	1000-2000 KVA	<b>Restricted (Upstream Constraints)</b>


Remaining Capacity Legend	
Capacity	Mapping
0-499 kVA	
500 – 999 kVA	
1,000 – 1,999 kVA	
Over 2,000 kVA	

### Cardinal

Stations: 2 stations with 3.0MVA Transformers: all <7.5MVA

Feeders: 4 feeders at 2.4kV: all <8kV


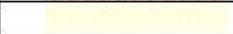


Remaining Capacity Legend	
Capacity	Mapping
0-499 kVA	
500 - 999 kVA	
1,000 - 1,999 kVA	
Over 2,000 kVA	

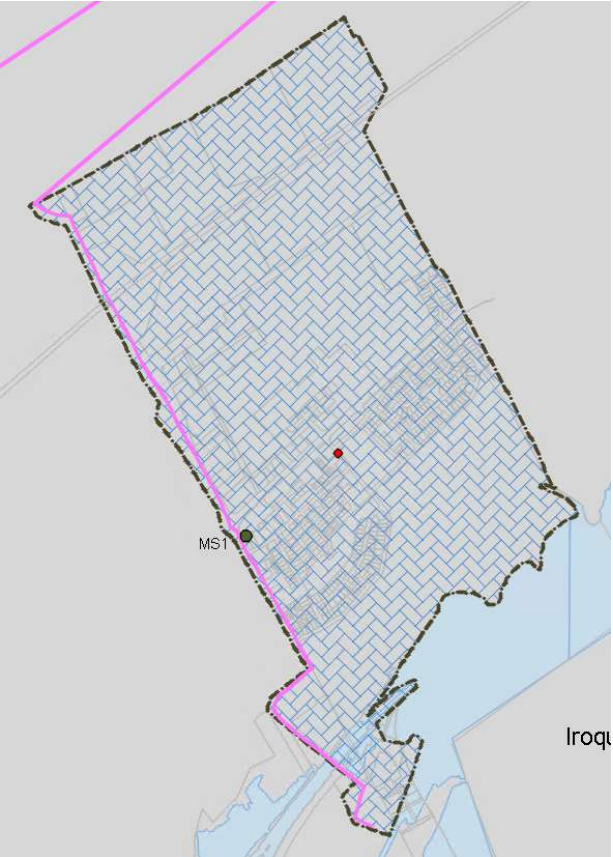
High Voltage – 44 kV	Low Voltage Side – 2.4kV
No feeders, but may be able to connect to 44kV capacity	4 Feeders below 8kV
	No Map Provided

### Iroquois

Stations: 1 station with 3.0MVA Transformers: all <7.5MVA

Feeders: 2 feeders at 4.8kV: all <8kV

Remaining Capacity Legend	
Capacity	Mapping
0-499 kVA	
500 - 999 kVA	
1,000 - 1,999 kVA	
Over 2,000 kVA	

High Voltage – 44 kV	Low Voltage Side – 4.8 kV
No feeders, but may be able to connect to 44kV capacity	2 Feeders below 8kV
	No Map Provided

# Morrisburg

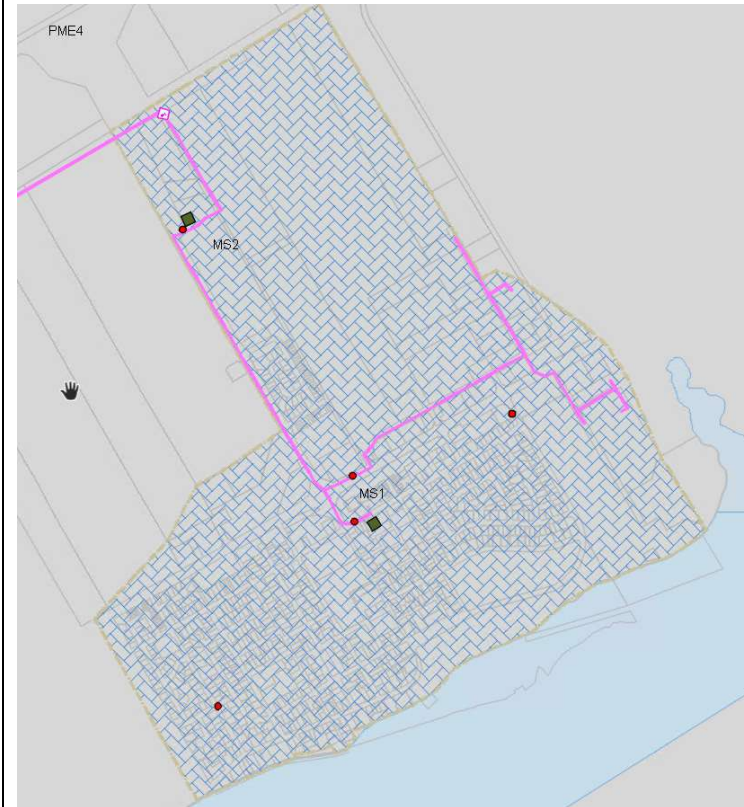
Stations: 2 stations with 5.0MVA Transformers: all <7.5MVA

Feeders: 6 feeders at 2.4kV: all <8kV

Remaining Capacity Legend	
Capacity	Mapping
0-499 kVA	[Red patterned box]
500 - 999 kVA	[Yellow box]
1,000 - 1,999 kVA	[Green patterned box]
Over 2,000 kVA	[Blue patterned box]

High Voltage – 44 kV

No feeders, but may be able to connect to 44kV capacity



Low Voltage Side – 2.4kV

6 Feeders below 8kV




No Map Provided

### Prescott

Stations: 1 station with 3.0MVA Transformer: all <7.5MVA

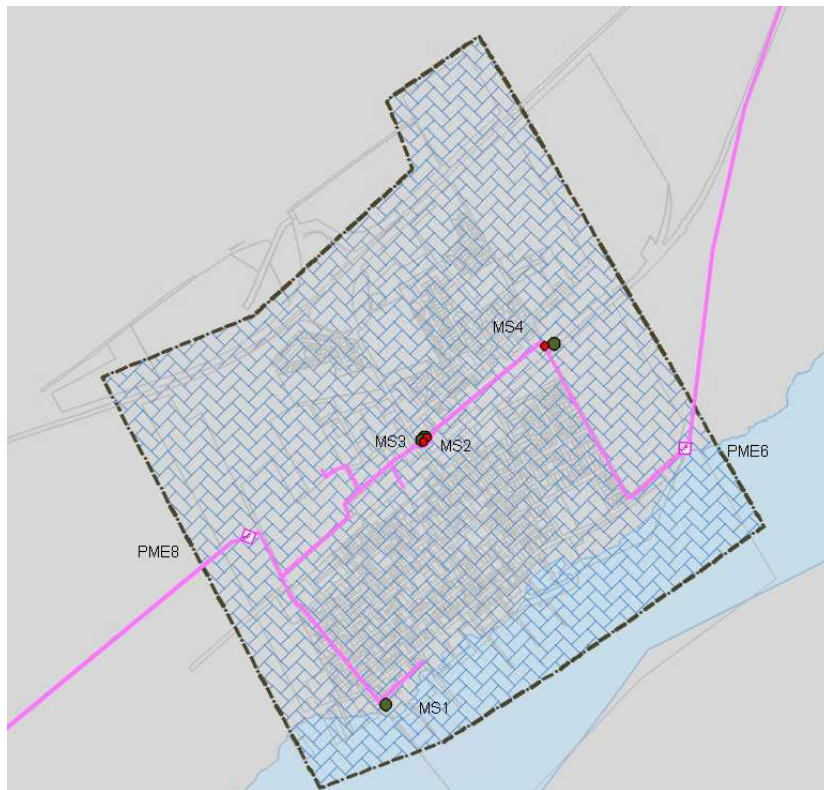
3 stations with 5.0 MVA Transformers: all <7.5MVA

Feeders: 11 feeders at 2.4kV: all <8kV

Remaining Capacity Legend	
Capacity	Mapping
0-499 kVA	
500 - 999 kVA	
1,000 - 1,999 kVA	
Over 2,000 kVA	

High Voltage – 44 kV

No feeders, but may be able to connect to 44kV capacity



Low Voltage Side – 2.4kV


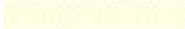


11 Feeders below 8kV

No Map Provided

## Westport

Stations: 0 stations

Feeders: 1 feeder at 4.8kV: all <8kV

Remaining Capacity Legend	
Capacity	Mapping
0-499 kVA	
500 - 999 kVA	
1,000 - 1,999 kVA	
Over 2,000 kVA	

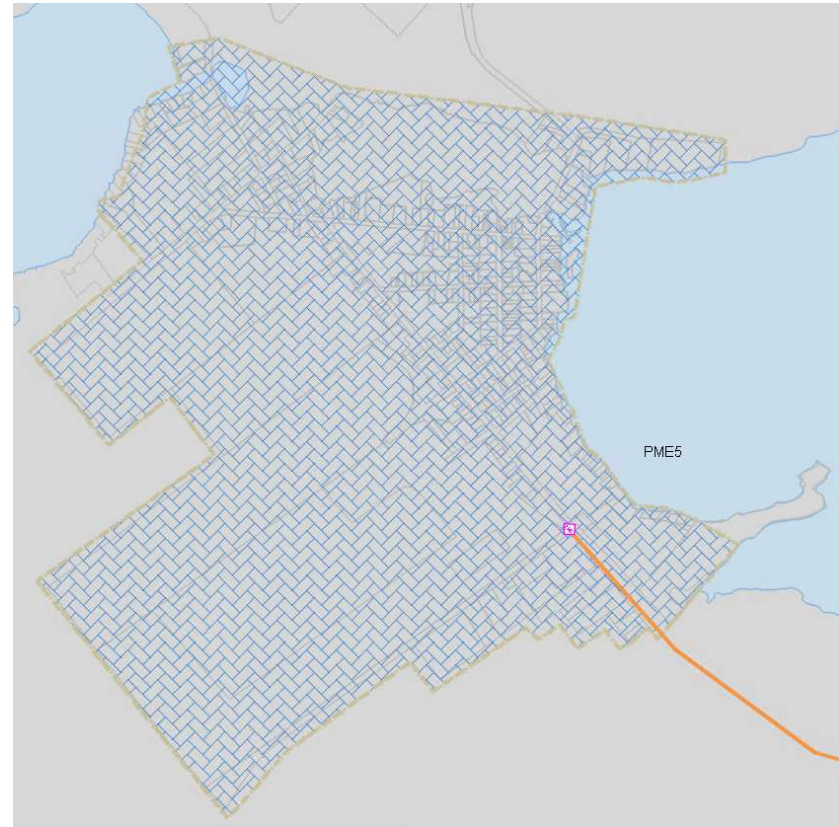
High Voltage – 44 kV

No feeders, but may be able to connect to 44kV capacity

No Map Provided

Low Voltage Side – 4.8 kV





1 Feeder below 8kV



# Williamsburg

Stations: 0 stations

Feeders: 1 feeder at 4.8kV: all <8kV

Remaining Capacity Legend	
Capacity	Mapping
0-499 kVA	
500 - 999 kVA	
1,000 - 1,999 kVA	
Over 2,000 kVA	

High Voltage – 44 kV	Low Voltage Side – 4.8kV
No feeders, but may be able to connect to 44kV capacity	1 Feeder below 8kV
No Map Provided	