



To: Joe Milicia, Peter Marra

From: Joe Barile, VP Regulatory and Corporate Affairs Essex Power Corp.

Date: September 22, 2022

Re: Council Questions Follow Up – Essex Powerlines Corp.

Question #1

Councillor Desjarlais inquired whether Administration can provide a report about the experience of the other partner municipalities who receive power supply from Essex Power.

Response:

Outages by municipality breakdown

Breakdown By Service Territory									
	2022 Outages (to date)			2021 Outages			2020 Outages		
	Planned	Unplanned	Total	Planned	Unplanned	Total	Planned	Unplanned	Total
Amherstburg	5	11	16	8	16	24	8	16	24
LaSalle	16	47	63	42	58	100	35	68	103
Leamington	6	24	30	13	21	34	13	21	34
Tecumseh	38	14	52	53	16	69	53	16	69
	2019 Outages			2018 Outages			2017 Outages		
	Planned	Unplanned	Total	Planned	Unplanned	Total	Planned	Unplanned	Total
Amherstburg	20	18	38	23	22	45	15	12	27
LaSalle	36	75	111	19	66	85	27	41	68
Leamington	53	30	83	74	36	110	46	26	72
Tecumseh	34	24	58	61	17	78	29	21	50

Important and significant reasons that play a factor why more outages have occur in LaSalle:

- LaSalle service territory is **entire town** while others are urban areas only
- Number of customers in LaSalle is the **largest**:
 - o LaSalle – 12,888
 - o Leamington – 7,119
 - o Tecumseh – 7,089
 - o Amherstburg – 4,431



- LaSalle has the **most** overhead conductors (power lines)

	~ Lengths of OH Conductor	
	Primary	Secondary
Tecumseh	28 km	84 km
Leamington	37 km	104 km
Amherstburg	23 km	38 km
LaSalle	92 km	200 km

Question #2

Deputy Mayor Meloche advised that she received information from a resident about an area of the Town where insulators were installed 20+ years ago and that area does not experience the power outages that other areas experience. She asked if Administration can inquire whether these insulators can be installed in other areas of the Town in an effort to alleviate the power issues.

Response:

Essex Powerlines did undertake a conversion of all porcelain insulators in the town of Lasalle to polymer insulators approx. 15-20 years ago. Polymer insulators are more reliable and robust. This conversion was done in all of our service territories. There are poles and equipment (including insulators) within the town of Lasalle not owned by Essex Powerlines and which therefore Essex Powerlines cannot comment as to the status of the same.