

From: [REDACTED]
To: [Clerks](#)
Subject: Concerns about proposed Skyline BESS location
Date: November 24, 2025 3:04:54 PM

Town Clerks Office:

We live at [REDACTED], and recently received information about the community meeting hosted by Skyline Energy. We are strongly opposed to the plan to build and run a BESS system at the designated location, which is very near our home [REDACTED]
[REDACTED]

We have looked at the map of the proposed Skyline BESS location, and it is only **317 metres** from our home, with no natural physical barriers such as mature trees between our home and the BESS location.

A key factor is the noise of forty to forty-five (40-45) containerized battery units running constantly.

* Unlike home HVAC, BESS cooling systems may need to run 24/7, depending on charging/discharging cycles and ambient temperature, meaning the **noise is constant**.

* BESS thermal management systems (often using fans, chillers, and condensers) must work harder and often continuously to maintain the strict temperature requirements of the lithium iron phosphate (LFP) batteries. This leads to higher noise levels compared to a residential air conditioners.

* Tonal Noise: Inverters and transformers produce distinct tonal noise (a hum or buzz, typically around 120 Hz in North America). Environmental noise regulations often impose a penalty for tonal noise, which can be perceived as **more annoying than broadband noise**, making even a lower decibel level sound louder or more impactful to nearby residents. Tonal noise or low-frequency noise is often the most irritating and difficult-to-mitigate aspect of BESS noise for nearby residents. This humming or buzzing noise isn't primarily from the fans moving air (which creates broadband noise); instead, it's caused by the

electrical components converting and regulating power.

The human ear and brain find a constant, single-frequency tone particularly annoying and difficult to ignore, especially during quiet night time hours.

Another concerning element is the light pollution from light standards. The Skyline BESS website page for Tillsonburg says “there is no lighting during normal operation”. The term allows for different interpretations. Once lighting is installed, it is just too easy to leave it on every night. Severe penalties should apply if/when promises are not kept.

Other than income from property taxes, what is the **direct benefit** to Tillsonburg to have this BESS facility **within the town limits**? We understand this installation does not directly supply electricity to Tillsonburg but to the **provincial grid**. Therefore, wouldn't a more rural setting be more appropriate — ie affecting far fewer residences and still supporting the provincial goals?

We purchased a home in Tillsonburg because of the rural areas surrounding our neighbourhood. That was one of the positive factors in our choice of location. But the proposed BESS location would be a big step in the opposite direction.

Sincerely,

A large black rectangular redaction box covering the signature area.