

MEETING DATE: May 26, 2025

COMMITTEE / BOARD NAME: Leduc Environmental Advisory Board (LEAB)

SUBMITTED BY: M. Paradis, LEAB Chair

PREPARED BY: M. Paradis, LEAB Chair

REPORT TITLE: Leduc Environmental Advisory Board (LEAB) Light Efficiency Community Policy Recommendation

EXECUTIVE SUMMARY

A Light Efficiency Community Policy outlines the objectives and best practices for a municipality to pursue lighting that is most effective and efficient, helping to minimize energy waste, glare, light trespass and pollution. LEAB would like to pursue a policy to outline lighting requirements for municipal lighting as well as new construction and renovations throughout the City. Administration has briefly reviewed existing policies of similar natures in the region but has not done a full cost-benefit analysis to determine how feasible such a policy would be within the City. Review of the full organizational implications would help to inform the development and implementation of such a Policy.

RECOMMENDATION

That Council directs Administration to research the feasibility of a Light Efficient Community Policy for the City of Leduc.

BACKGROUND / RATIONALE

A Light Efficiency Community Policy outlines the objectives and best practices for a municipality to pursue lighting that is most effective and efficient, helping to minimize energy waste, glare, light trespass and pollution.

LEAB has identified that the City of Edmonton and Strathcona County both have policies of Light Efficient Communities that suggest this is a strong step in helping to reduce energy costs, preserve the natural environment, and ensure health, safety, and a higher quality of life for members of the community. A policy to outline lighting requirements for municipal lighting as well as new construction and renovations throughout the City will help achieve the vision of the City of Leduc in being a community leader in environmental sustainability and stewardship.

Administration plans to review the Light Efficient Community Policies that are in place in Edmonton and Strathcona County, then work to develop and implement a policy of our own for the City of Leduc.

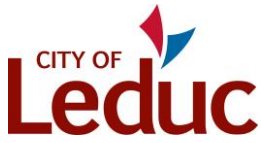
STRATEGIC / RELEVANT PLANS ALIGNMENT

The Environmental Plan (2024) for the City of Leduc states as an action: "explore opportunities to increase light efficiency." The Leduc Environmental Advisory Board is certain that this recommendation is aligned with the vision of the Environmental Plan.

ORGANIZATIONAL IMPLICATIONS

ADMINISTRATION:

Administration will be researching the full implications to the organization. Administration will also be responsible for the development and implementation of the policy, should the implementation of a policy prove feasible.



COMMITTEE OF COUNCIL REQUEST FOR DECISION

RISK ANALYSIS: FINANCIAL / LEGAL:

Further investigation will reveal financial and legal impacts. Administration does not have full scope of the efforts and implications of enforcement of a light efficient community policy.

IMPLEMENTATION / COMMUNICATIONS:

Implementation will affect any facility operating within Leduc. Outreach to communicate the new policy to businesses and residents will be necessary if a Light Efficiency Community Policy is developed. Developers in the area will also need to be informed of the new policy to ensure they are compliant.

ALTERNATIVES:

N/A

ATTACHMENTS

2025 LEAB Light Efficiency Recommendation presentation