

COUNCIL REPORT

To: Mayor & Council

From: Recreation Services

Date: March 7, 2023

Subject: Solar Efficiency in the North - GICB Grant

RECOMMENDATION:

THAT Council receives this report for information.

BACKGROUND:

At a previous Council meeting, Council requested staff bring forward a report on solar panels, specifically as they relate to the efficiency of solar panels in the North given the amount of snowfall Mackenzie receives. Robert Baxter (Co-founder) of VREC Solar worked on our GICB grant application as it relates to photovoltaic (solar energy). He has provided documentation for reference as it relates to snowfall effects on solar panels - see Appendix A attached.

SUMMARY

Snowfall has only a small effect on photovoltaic (solar energy) production in BC. It would generally be less than 8% loss of production annually.

COUNCIL PRIORITIES:

Community and Social Development

- Our investment in the municipality's services and infrastructure, our commitment to principles of social equity and well-being, and our belief in the value of resident engagement, creates a healthy community in which everyone feels valued and enjoys a high quality of life.

Strong Governance and Finances

- As the municipality's elected governing body, we serve all residents and businesses in the community. We engage residents and stakeholders on important issues and make our decisions through open and transparent processes. We are careful in our use of resources, mindful of the need to maintain programs and services, while also meeting the community's infrastructure needs.



Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Terry Gilmer", written over a horizontal line.

Terry Gilmer
Director of Recreation Services

A handwritten signature in black ink, appearing to read "Diane Smith", written over a horizontal line.

Approved for Submission to Council