CASES PARTNERSHIP

COMMUNITY APPROPRIATE SUSTAINABLE ENERGY SECURITY

CASES Webinar Series:

Geospatial Tools and Community Input

November 15th 2023 12-1pm CST

Many rural and remote communities across Canada's North experience energy insecurity owing to high energy prices, energy disruptions, or inadequate energy supplies. Local, community renewable energy (CRE) has been identified as a potential solution to energy security challenges in the North. Peter Ballantyne Cree Nations (PBCN) has expressed considerable interest in exploring community renewable energy options for member communities to reduce power costs and to develop own-source revenue streams from renewable energy projects, with the aim of increasing energy self-reliance, providing new opportunities for the local economy, and combating climate change.

In this webinar, Silas will discuss the use of geospatial tools and community input to identify biomass resource opportunities and potential within the commercial forest zone, managed by the PBCN local timber supply company, for community bioenergy development at Pelican Narrows. While Didar will discuss the energy potential based on the biomass resources locally available near Pelican Narrows.

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PRESENTED BY: Silas Asante and Didar Islam

Masters Students, Department of Geography and Planning, USASK

Silas Obeng Asante is a MSc student in the Department of Geography and Planning, University of Saskatchewan and joined the CASES team in September 2022. Silas has five years of working experience with International and national institutions such as UNFPA/UNICEF, and Ghana Statistical Service on community participation projects, community development and management planning, spatial analysis, and conducting research baseline surveys in remote, rural, and Indigenous communities. Currently, Silas' research focuses on spatial assessment of community renewable energy resources opportunities, potential and community values in northern Saskatchewan.

Didar Islam is a graduate student in the Department of Geography and Planning at the University of Saskatchewan and joined the CASES team in September 2022. Prior to joining CASES, Didar earned his Bachelor's degree in Environmental Sciences and a MSc in Environmental Engineering and also worked in various organizations and industries, including the Storage Power Company in Bangladesh, specializing in automobile and solar energy storage. He has experience and a strong grasp on ISO 14001 (Environmental Management System), ISO 45001 (Occupational Health and Safety Management System), and the HIGG Index (Sustainable Apparel Coalition) standards and is a certified internal auditor of the ISO 14001 (EMS) standard. Currently, his research focuses on the technical assessment of community bioenergy potential in northern and remote Indigenous communities in Saskatchewan.

The presentation will be live through Zoom

November 15th, 2023 12-1pm Saskatchewan

Meeting link: **https://usask-ca.zoom.us/j/95037121277?pwd=UjdKTk5kdExkV0hNb1JVYIlvWG02QT09**

Meeting number: 950 3712 1277

Password: 66604022

All are welcome to attend

A recording will be made available on the CASES website:

https://renewableenergy.usask.ca/events/cases-webinar-series.php

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