

CASES PARTNERSHIP

COMMUNITY APPROPRIATE SUSTAINABLE ENERGY SECURITY

CASES Webinar Series:

**Energy transitions in remote Arctic communities:
Drivers and community priorities**

October 13th, 2021 12-1pm CST/MDT



The CASES initiative has been examining crucial research questions surrounding renewable energy development in remote Arctic communities with a particular focus on themes of energy security, autonomy, and long-term sustainability. For example, what specific factors explain RE development across communities? Are those factors more community-related or market/technology related? Are policy frameworks aligned with community concerns? What RE technologies are best suited not only for energy security but also for empowering communities? After a brief introduction, Dr. Chad Walker and Dr. Vikas Menghwani discuss few of these questions – via an overview of two research papers under review and in-progress – in this CASES webinar.

Join us on October 13th to hear more about the CASES Partnership project!

CASES PARTNERSHIP

COMMUNITY APPROPRIATE SUSTAINABLE ENERGY SECURITY

PRESENTED BY: Dr. Chad Walker and Dr. Vikas Menghwani

Dr. Chad Walker

In his first research output with CASES, Chad and colleagues examined the pathways leading to renewable energy development across 24 remote communities in Alaska. Using Qualitative Comparative Analysis, they find that from a set of 37 potential contributions, 3 (community capacity, electricity subsidies, and whether or not a utility pools resources) were particularly powerful. In short, they find electricity subsidies seem to stymie community-level transitions while unique combinations of all three are associated with the presence (or absence) of renewable energy development.

Dr. Vikas Menghwani

Renewable energy development in Northern Canada is happening in the context of national level push to move away from Diesel reliance in remote communities. Different initiatives have emerged from the federal level in this area. For example, the Pan-Canadian Summit on Reducing Diesel in Remote Communities and the Arctic Energy Fund. It is not clear however, if such top-down approaches align well with the energy perspectives of targeted communities. While the policy implementation is motivated primarily by the sustainability imperative of reduced emissions, the drivers at play at the community level could be very different. This case study focuses on Canada's Northwest Territories (NWT) and explores the tensions/synergies between community priorities and the federal energy transition policies.

The presentation will be live through Zoom
October 13TH 12 -1pm CST/MDT

Meeting link:

<https://usask-ca.zoom.us/j/95892855588?pwd=ZWNRNkVUd2FlcllySC9heTJjK0lvQT09>

Meeting ID: 958 9285 5588

Passcode: CASES2021

Telephone Passcode: 768961586



A recording will be made available on the CASES website:

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