



**Natural
Forces**
SOLAR

Presentation to Law Ammendments Committee

April 12, 2021

Roby Douglas, P.Eng.

Vice President, Natural Forces Solar





Who we are

- Natural Forces Solar is a wholly owned subsidiary of Natural Forces
- Private Engineering, Procurement & Construction Management company based in Halifax, NS
- Began developing projects in 2017 and began installing solar systems in 2018
- Installed solar systems for First Nations, Not-for-Profits, Schools, and Municipalities
- We also help secure power purchase agreements, funding, and financing for our clients



Our work to date

- Over 15 residential solar net metering projects
- 1 remote microgrid in Northern NL
- Over 1 MW of solar installations for community groups via **Solar Electricity for Community Buildings.**

Our clients include:

- 9 NS Mi'kmaq First Nations Communities
- Hope for Wildlife
- Halifax Water
- Rockingham United Church
- Sacred Heart School of Halifax





Increasing the Net Metering Cap

- There is a huge demand for projects above 100 kW
- Local companies like Natural Forces Solar will be able to grow through designing, executing, & operating these projects
- Citing solar generation at the point of load (ie: at the building) reduces transmission & distribution costs, which are shared by all ratepayers
- For larger 100 kW installations (i.e. IKEA-size), solar energy is currently being curtailed, wasting valuable green energy



Virtual Net Metering

- Virtual Net Metering will allow more Nova Scotians to participate in the clean economy
- A subscriber-based program could make green energy affordable for renters, lower income individuals, and people who do not have appropriate roofs for solar systems
- An uptick in these projects will drive growth across the local renewable energy industry
- Natural Forces has a long history of CEDIF-style renewable energy projects, which allow Nova Scotians to invest directly into the projects



Natural
Forces
SOLAR

Questions?