

Diagnostic Sample: Making Solar Simple

Executive Summary

- **Context Note:** *This independent framework demonstrates how to translate complex renewable energy logistics into a clear, straightforward message for community and residential audiences.*
- **Project:** *10.4 kW Solar Installation Project*
- **Location:** *British Columbia, Canada*
- **Analyst:** *Cleantech Advocates*

1.1 The Main Goal

This summary looks at a real-world residential solar project to show how we can make renewable energy easy for everyone to understand. By stripping away the technical confusion, this framework shows how to give neighbours, residents, and board members a clear, transparent look at how solar works, how it connects to the local grid, and why it makes sense for the community.

1.2 The Project Details

- **System Size:** *A 10.4 kW solar panel setup connected directly to the local power grid.*
- **Power Output:** *Designed to generate enough clean electricity to cover 100% of the home's annual power use.*
- **Setup & Safety:** *Built to match all local building codes and electrical standards, making sure the panels work safely with the power grid while blending cleanly into the neighborhood.*

1.3 Real-World Results: Building Trust

- **A Local Example:** *The project serves as a real-world success story that neighbours can see and touch, making solar technology feel familiar rather than complicated.*
- **Clear Data:** *By sharing actual performance numbers, the project proves that solar works in our local climate, building real public trust through honest, verifiable facts.*