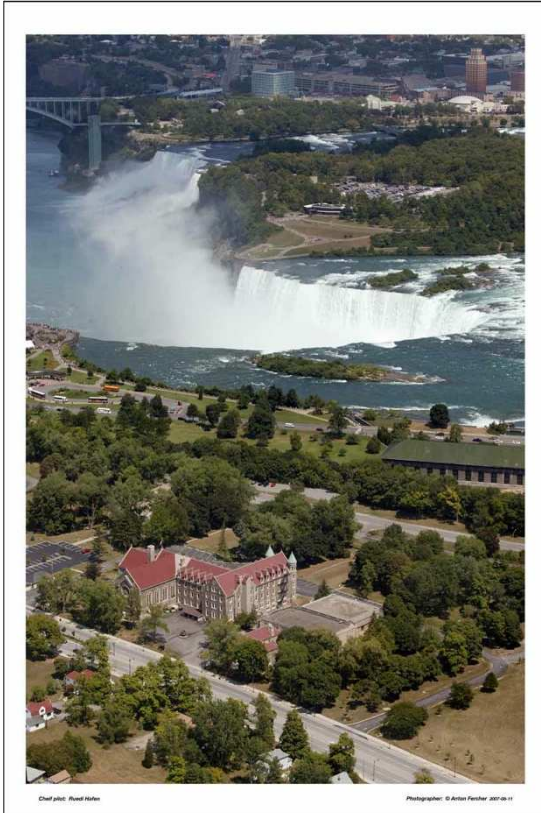


The Monastery of Mount Carmel

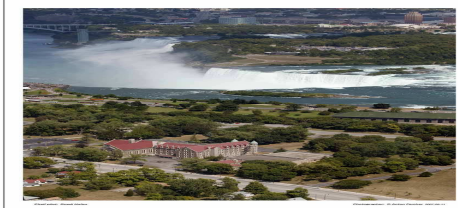


Since 1875 in Niagara Falls

Hospice - Seminary -
Retreat Centre

- An Oasis in an Urban Setting
- Tradition of Hospitality
- Stewards of Creation

Project Overview



The Monastery of Mount Carmel



- The Monastery of Mount Carmel is proposing to develop two solar photovoltaic electricity generating facilities.
- Two applications for OPA FIT Contracts have been submitted.
- The projects will be installed on privately-owned rooftops and non-agricultural lands.

The Problems



- Ever-rising operating costs of Monastery versus revenues

- Utility costs
 - Salaries
 - Monastery upkeep & maintenance costs

- Annual operating income
 - Retreats depend on disposable income

The Goals



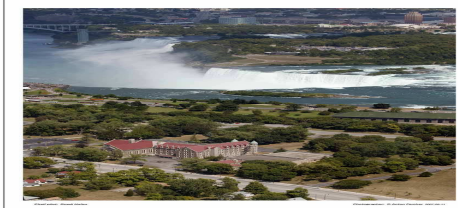
- Generate reliable new revenue streams for the next 20 years and beyond
- Demonstrate community leadership in renewable energy production
- Protect the tranquility of the Spiritual Centre
 - Development pressures from surrounding commercial projects
 - ✦ Convention Centre
 - ✦ Hotels
 - ✦ Casinos
 - ✦ Parking

Community Energy Partnership Program



- Mount Carmel to date has received \$66,375 in Grant 1 funding.
- OPA rooftop contract recently approved and CEPP Grant 2 applied for.
- Mount Carmel could not afford these efforts without CEPP funding.
- Additional benefits:
 - Multiple opportunities for local community engagement and media coverage

Project Scope



The Monastery of Mount Carmel



The projects will provide electricity to the grid by feeding into the Niagara Peninsula Energy Inc. distribution system.

	Rooftop	Groundmount
Project Capacity	75 kilowatts	1.0 Megawatts
Project Type	Class 1 Solar	Class 3 Solar
Annual Production	88 MWh	1,369 MWh
# Panels	338	5,148
Zoning	Institutional	Tourist Commercial
Ownership	Monastery	Monastery

Mount Carmel - Project Activities Completed



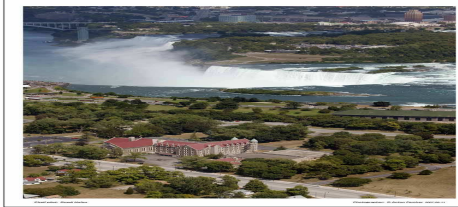
- Third party verification of site suitability and potential revenues
- Legal review of OPA contracts and project parameters
- Engineering study
- Business plan
- Civil/geotechnical review
- Environmental Phase 1 study
- Noise study
- OPA FIT contract applications

Mount Carmel - Next Steps



- Public Information Evening
- Await OPA contract approval (10 days to sign)
- Apply for Grant 2 CEPP
- Structural engineering report
- Select EPC supplier
- Connection Impact Assessment
- Renewable Energy Approval (groundmount only)
- Secure financing approvals
- Notice to Proceed
- Building Permits
- Construction (build within 3 years)
- ESA Inspections
- Commissioning

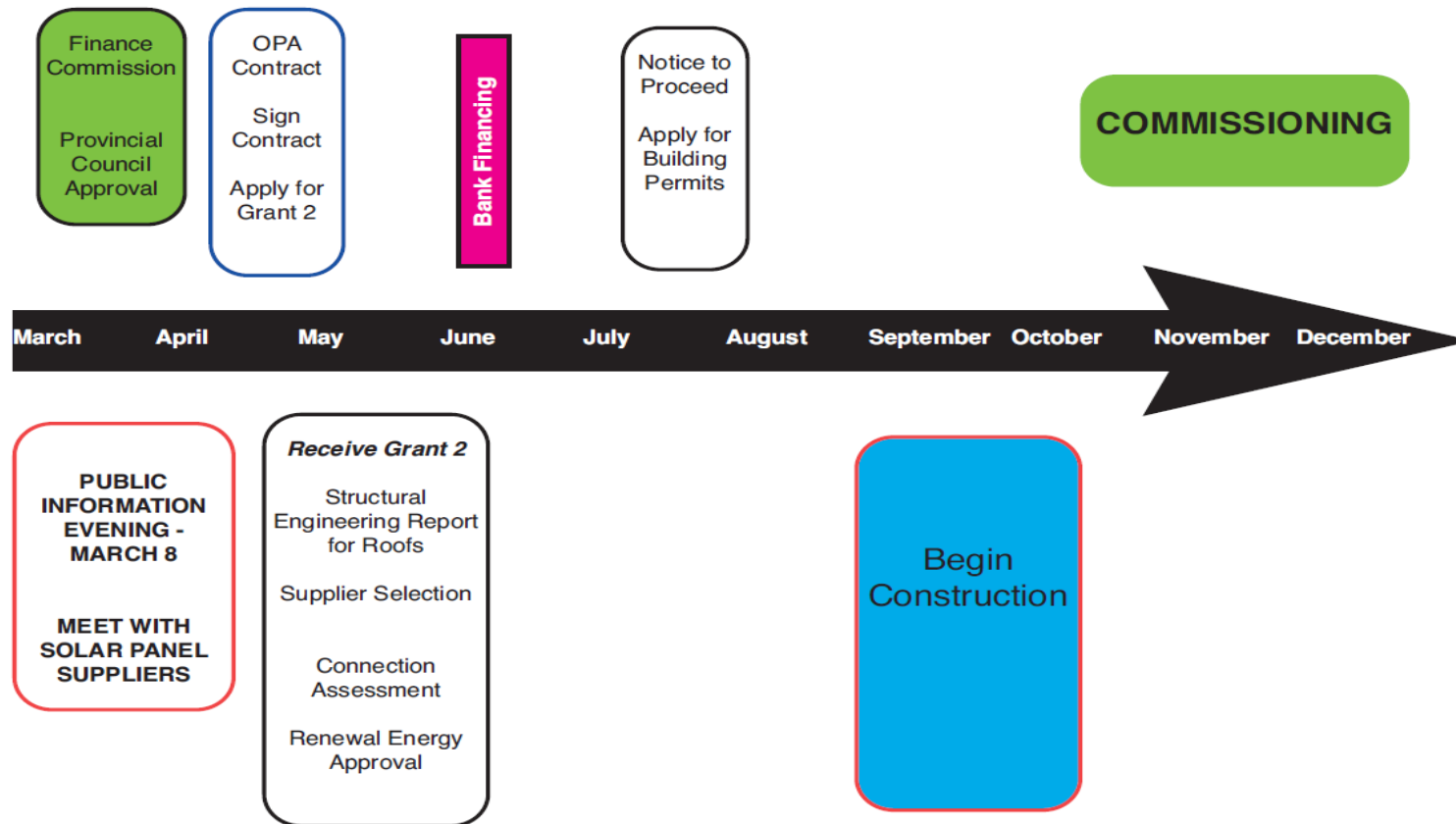
Next Steps



The Monastery of Mount Carmel



MOUNT CARMEL - TIME LINE



THE TEAM



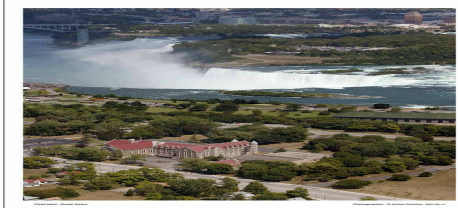
- Rick Vanderkuip, CMA is the Project Manager. He is the Principle of RV & Associates, Renewable Energy Consultants.
- Michael Carroll, CMA is the Monastery's accountant.
- Belinda Anderson is the Director of Public Relations with the Monastery.
- Fr. Stanley E. Makacinas, O. Carm. is the Director of the Monastery of Mount Carmel Spiritual Centre.

Mount Carmel – Lessons Learned



- Contact CEPP for program guidance on eligibility and timing.
- Involve your Faith Community leadership from the beginning.
- Review long-term physical implications and congruity.
- Understand the business model and requirements of the project.
- Engage the neighbourhood early on to identify concerns.
- Regulatory process and time lines should not be underestimated.
- Local community interest in renewable energy is an Outreach opportunity...
 - “Harvesting more than Faith”.

Project Support



The Monastery of Mount Carmel



For more detailed information contact the Project Team by:

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Mail: Rick Vanderkuip

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Thank you.