Tsilhqot’in Solar Farm

Pembina Institute
Clean Future Forum
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Tsilhqot’in National Government - 6 Communities
Where we are located
The Project

TSILHQOT’IN
1.25 MW Solar Farm
The Chilcotin is served by a weak 250 Km-long power line that runs from Williams Lake to Tatla Lake. The low capacity of the grid throttles economic activities and must be supplemented by diesel generators.
The Solar farm is installed on the brownfield land of the former Riverwest sawmill. It is bringing new life to an abandoned industrial site.
BC Hydro 34.5 kV Distribution line runs next to the site
The Chilcotin region is amongst the top five solar hot spots in BC.
Expected Outcomes

• generation of clean energy;
• redevelopment of a closed sawmill and adjacent brownfield into a solar farm;
• support to the local communities;
• creation of jobs and business opportunities;
• Ongoing revenue source.
How Long to get to where we are?
<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>2015</td>
<td>Pre-Feasibility Study Completed</td>
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<td>2016</td>
<td>Council of Chiefs approve the development of a 1MW Solar Farm</td>
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<td>2017</td>
<td>Pre work and seek Government Funding</td>
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<td>2018</td>
<td>March - BC Hydro Application Accepted</td>
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<td>March - BC Hydro announces to pursue negotiations with 5 First Nations clean energy projects</td>
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<td>August 8 Dually signed EPA received</td>
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<td>Order equipment and construction period</td>
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- March 2015: BC Hydro Application Accepted
- Summer 2016: BC Hydro SOP under review
- December 2016: BC Hydro notifies us that no more EPA’s will be issued
- Dialogue and Discussions between both parties
Trainees
Once completed the Solar Farm will be the first large-scale solar power plant 100% owned and operated by a First Nations in Western Canada.