



**SMOKY LAKE COUNTY AND TOWN OF SMOKY LAKE  
 JOINT COUNCIL MEETING**



Minutes of the **Smoky Lake County** and **Town of Smoky Lake** Joint Council Meeting held on Friday, **March 6, 2020** at 2:32 p.m. in the County Office - Council Chambers.

The meeting was called to Order by the Smoky Lake County Reeve Craig Lukinuk in the presence of the following persons:

<u>Division</u>	<u>Name</u>	<u>ATTENDANCE</u> <u>Friday, Mar. 6, 2020</u>
1	Dan Gawalko	Present
2	Johnny Cherniwchan	Present
3	Craig Lukinuk	Present
4	Lorne Halisky	Present
5	Randy Orichowski	Present
C.A.O.	Cory Ollikka	Present
Assistant C.A.O.	Lydia Cielin	Present
Finance Manager	Brenda Adamson	Present
Recording Secretary	Patti Priest	Present
P&D Manager	Jordan Ruegg	Present
P&D Assist. Manager	Kyle Schole	Present
CEDO	Michelle Wright	Present
Town of Smoky Lake	Hank Holowaychuk – Mayor	Present
Town of Smoky Lake	Melody Morton – Deputy Mayor	Present
Town of Smoky Lake	Dan Kotylak – Councillor	Present
Town of Smoky Lake	Ross Whitelaw – Councillor	Present
Town of Smoky Lake	Terry Makowichuk – Councillor	Absent
Town of Smoky Lake	Adam Kozakiewicz - C.A.O.	Present
Metis Crossing	Juanita Marois	Present
Metis Nation of AB	Trevor Anderson	Present

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**2. AGENDA:**

J147-20: Halisky

That the **Smoky Lake County** and **Town of Smoky Lake** Joint Council Meeting Agenda for Friday, **March 6, 2020** be adopted, as presented.

**Town of Smoky Lake:** motion moved by Kotylak.

Carried Unanimously.

**3. MINUTES:**

**Minutes – January 15, 2020**

J148-20: Orichowski

That the **Smoky Lake County** and **Town of Smoky Lake** Joint Council Meeting Minutes of **January 15, 2020** be adopted, as presented.

**Town of Smoky Lake:** motion moved by Morton.

Carried.

**Action List – January 15, 2020**

J149-20: Cherniwchan

That the **Smoky Lake County** and **Town of Smoky Lake** Joint Council Meeting Action List from **January 15, 2020** be adopted, as presented.

**Town of Smoky Lake:** motion moved by Holowaychuk.

Carried.

**5. DELEGATION:**

Present before the **Smoky Lake County** and **Town of Smoky Lake** Joint Council Committee from 2:35 p.m. to 4:10 p.m. was Trevor Anderson, Manager of Economic Development, Metis Nation of Alberta, and Juanita Marois, Executive Director, Metis Crossing to provide the following information:





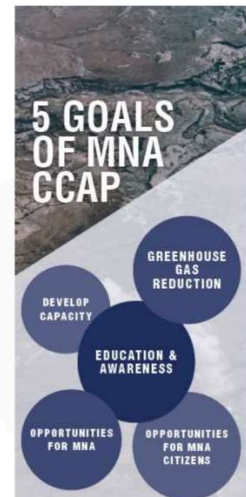
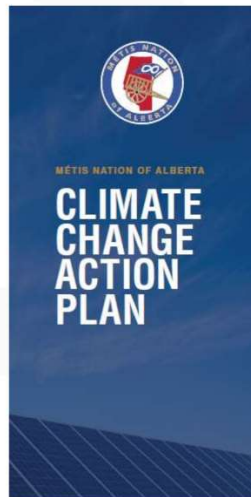
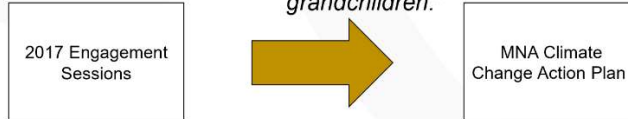
## 2017 Engagement Sessions



2017 – MNA hosted 16 Community engagement sessions

- Climate change gravely affects the Métis way of life
- Climate change action & Métis values align

*“We want to leave behind a healthy Mother Earth for our children and grandchildren.”*



## MNA CCAP Initiatives

Capacity

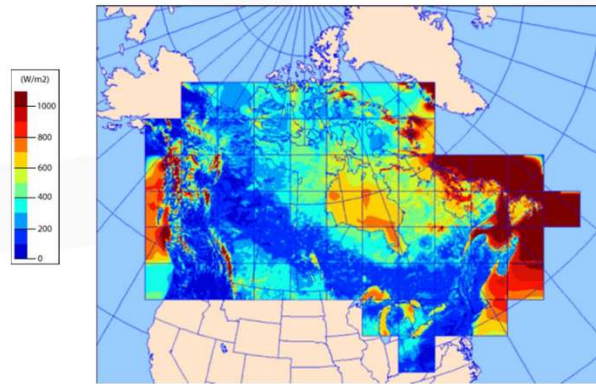
Renewable Energy

Energy Efficiency

Environmental Monitoring



## Wind Energy Resource

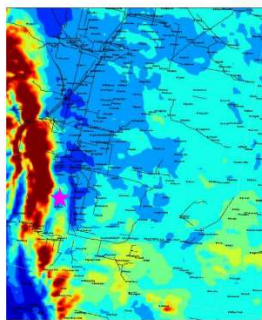


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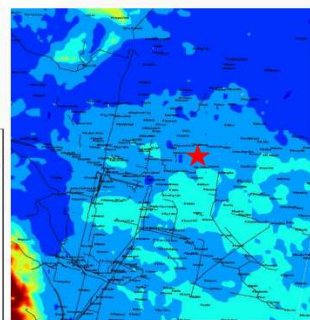


## Gold Standard for Wind in Alberta

Pincher Creek – Class 7



Métis Crossing – Class 1 or 2



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## Geothermal Energy Resource

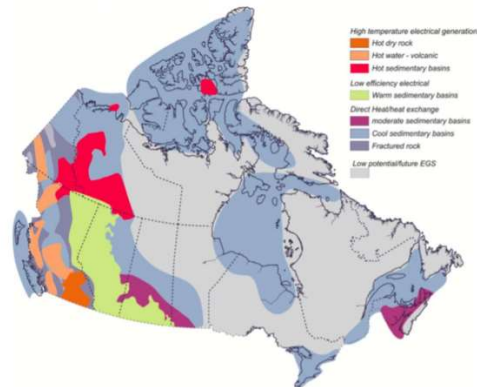
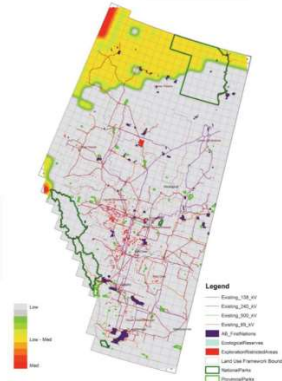


Figure 2. Map showing distribution of geothermal potential in Canada based on end use.

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## Geothermal Potential in Alberta

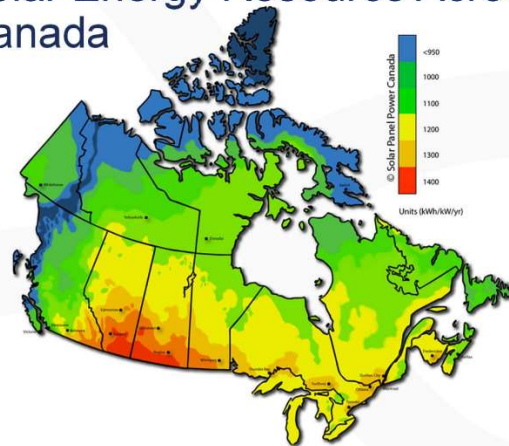


Source: Canadian Geothermal Energy Association (CanGEA)

- Insufficient geothermal resource at Métis Crossing



## Solar Energy Resource Across Canada



## Viability Assessment

Technology	Resource	Technical	Economics
Wind	?	✓	✓
Solar	✓	✓	✓
Geothermal	✗		
Biomass	✗		
Hydro	✗		





## Key Motivating Factors

1. Direct or indirect displacement of Métis Nation of Alberta (MNA) electrical loads
2. Utilization of previously assessed sites on existing MNA lands
3. Maximize economic opportunity for the MNA, the Town of Smoky Lake and Smoky Lake County
4. Direct or indirect displacement of greenhouse gases
5. Ensure the project supports Métis Nation of Alberta values

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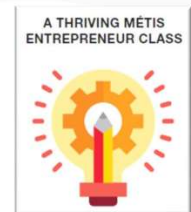
## MNA Economic Development - Strategic Goals



DURABLE SOCIO-ECONOMIC PROSPERITY OF MNA CITIZENS



ECONOMIC SELF-SUFFICIENCY OF THE MNA AND ITS REGIONS



A THRIVING MÉTIS ENTREPRENEUR CLASS

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## Métis Crossing Solar Project

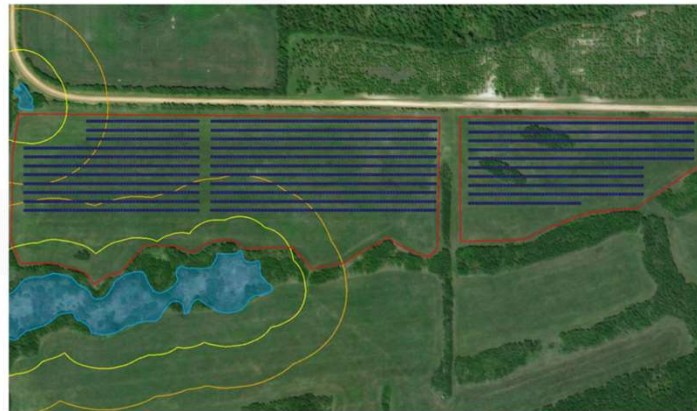
### Objectives:

- Reduce greenhouse gas (GHG) emissions through the installation of a 4.86MW solar farm.
- Offset the electricity used by Métis Nation of Alberta operations.
- Generate economic and community benefits for the partnering communities.

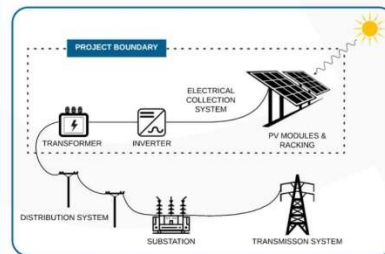
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## MCSP Footprint



## MCSP Current Status



### Phase 1 – Pre-feasibility **completed Nov. 2018**

- Technology options
- Land availability, preferred parcels
- Utility interconnect options
- Desktop reviews (wetlands, wildlife, terrain, historical)
- Economics, risks, community benefits

### Phase 2 – Technical Documentation **current**

- Geotechnical Assessment
- Environmental Assessment
- Engineering, Procurement, Construction (EPC) estimates
- Detailed capital & operational cost review
- Participant Involvement Program (PIP)
- Detailed revenue modelling/financial analysis
- Permitting & Regulatory
- Corporate structure, equity, and finance support



## Plan to Completion

- AEP Referral                      March 2020
- AUC Approval                    June 2020
- Final Investment                December 2020
- Construction                    August 2021
- Completion                      April 2022



## Knowledge & Technology

- Strategic location
- Indigenous and non-indigenous collaboration - 3 communities coming together
- Victoria District Economic Development Strategy
- Shared Benefits (CBA)



## GHG Emissions Reduction

GHG Calculations for 4.99 MW (DC) solar farm - Metis Crossing Solar Project

Emissions Reduction =  $EF \times \text{Solar Electricity}$

Source: Carbon of Other Emissions Factors Handbook, Version 4.0 (2018), Table 4.1, National Inventory Report 2018, Ministry of Environment and Climate Change Canada

Year	Solar output factor (%)	Solar Electricity generation (MWh/yr)	Emissions Reduction (t CO2e)
1	100.0%	8,230.7	4,809
2	98.7%	8,129.6	4,675
3	97.3%	8,030.3	4,544
4	96.0%	7,932.5	4,415
5	94.6%	7,835.9	4,288
6	93.3%	7,740.4	4,163
7	91.9%	7,645.9	4,040
8	90.6%	7,552.5	3,919
9	89.2%	7,460.1	3,800
10	87.9%	7,368.7	3,683
11	86.5%	7,278.2	3,568
12	85.2%	7,188.6	3,455
13	83.8%	7,100.0	3,344
14	82.5%	7,012.3	3,235
15	81.1%	6,925.5	3,128
16	79.8%	6,839.6	3,023
17	78.4%	6,754.6	2,920
18	77.1%	6,670.5	2,819
19	75.7%	6,587.3	2,720
20	74.4%	6,504.9	2,623
21	73.0%	6,423.4	2,528
22	71.7%	6,342.7	2,435
23	70.3%	6,262.9	2,344
24	69.0%	6,183.9	2,255
25	67.6%	6,105.6	2,168
Total		186,702	99,822

- Year 1:
  - 8,230 MWh (1,150 AB homes)
  - 4,690 tonnes CO2e
- Year 1-25 cumulative:
  - 193,000 MWh
  - 110,000 tonnes CO2e





## Community Benefits Statement/Agreement

- 3 communities
- All communities involved can be classified as *community groups* under the *Small-Scale Generation Regulation*.
- For the purposes of the *Regulation*, the MCSP will need to submit a *Community Benefits Statement (CBS)*.
- Community Development Fund - proposed

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## Budget by Fiscal Year

Activity	Estimated Costs (Total)	2019-2020	2020-2021	2021-2022	2022-2023
Infrastructure/Equipment (Capital)	\$6,894,300	\$0	\$3,447,150	\$3,447,150	\$0
Personnel (Actual Salary & Benefits)	\$189,000	\$0	\$94,500	\$94,500	\$0
Operating Materials & Supplies	\$752,563	\$67,200	\$685,363	\$0	\$0
Contractors & Key Vendors	\$4,367,475	\$0	\$602,700	\$3,764,775	\$0
Travel	\$21,000	\$0	\$10,500	\$10,500	\$0
Contingency (If Any)	\$775,661	\$77,566	\$232,698	\$465,397	\$0
<b>SUBTOTAL</b>	<b>\$13,000,000</b>	<b>\$144,766</b>	<b>\$5,072,912</b>	<b>\$7,782,322</b>	<b>\$0</b>

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## Budget Breakdown

Major PV Equipment	44%
Major AC Equipment	9%
Installation Services & Equipment	30%
Interconnection	5%
Project Management and Engineering Services	6%
Contingency	5-15%

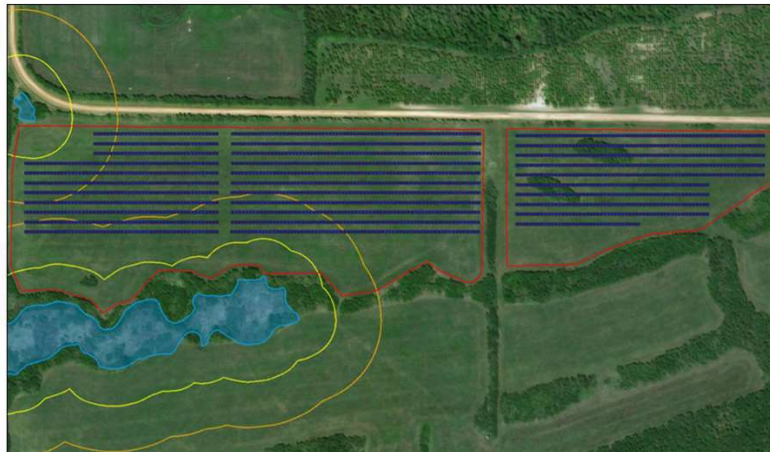
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## Project Returns

Description	75% Debt	30% Grant
Grant - MCGC	\$0	\$3,900,000
Carbon Offset Eligible?	YES	NO
Equity - Project	\$3,250,000	\$3,250,000
Debt - Lender	\$9,750,000	\$5,850,000
<b>Annual Averages</b>		
Revenue	\$1,190,670	\$1,129,780
Overhead	-\$238,532	-\$238,532
Interest	-\$123,091	-\$60,021
Principal	-\$390,000	-\$234,000
County Tax	-\$120,771	-\$120,771
Income Tax	\$0	\$0
Community Funds	\$0	\$138,561
Equity Returns	\$309,773	\$323,308
IRR - Equity	5.7%	6.5%
IRR - MCGC = CDF + Forfeited Offsets		4.1%

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Thank You!

Questions?

Trevor Anderson  
 Manager of Economic Development

tanderson@metis.org 780-455-2200

www.albertamemis.com

#### 4. ISSUES FOR DISCUSSION:

##### **Métis Crossing's Proposed Solar Project on LSD 14, 15, 16 or Section 9-58-17-W4M**

J150-20: Halisky

That the **Smoky Lake County** and **Town of Smoky Lake** Joint Council acknowledge receipt of the presentation from Trevor Anderson, Manager of Economic Development, Métis Nation of Alberta and Juanita Marois, Executive Director, Métis Crossing, dated March 6, 2020 in regard to the proposed Métis Crossing Solar Project on the land legally described as on LSD 14, 15, 16 or Section 9-58-17-W4M, with the following objectives: to reduce greenhouse gas (GHG) emissions through the installation of a 4.86MW solar farm, to offset the electricity used by Métis Nation of Alberta operations, and to generate economic and community benefits for the partnering communities; **and** defer further discussion to future meeting.

**Town of Smoky Lake:** motion moved by Holowaychuk.

Carried.

Cory Ollikka, Chief Administrative Officer, Smoky Lake County and Brenda Adamson, Finance Manager, Smoky Lake County, left the meeting, time 4:10 p.m.

#### 5. OTHER BUSINESS:

##### **Debriefing and Next Steps form March 3, 2020 "Townhall" Meeting – Enhancing Community Safety**

J151-20: Cherniwchan

That the **Smoky Lake County** and **Town of Smoky Lake** Joint Council extend an invitation to the Barrhead & Area Regional Crime Coalition (BARCC) as a delegation to a future Smoky Lake County and Town of Smoky Lake Joint Council Meeting when the Smoky Lake RCMP Sargent: Tina Chan or designate is available to attend.

**Town of Smoky Lake:** motion moved by Morton.

Carried.

##### **RCMP "K" Division Member Operational Support Section (KMOSS)**

J152-20: Halisky

That the **Smoky Lake County** and **Town of Smoky Lake** Joint Council write a letter to the "K" Division Member Operational Support Section (KMOSS) to thank them for participating in the March 3, 2020 "Townhall" Meeting – Enhancing Community Safety and to request an update in regard to the success-status of the Crime Reduction Team.

**Town of Smoky Lake:** motion moved by Holowaychuk.

Carried.

March 6, 2020

**Crime Prevention Through Environmental Design (CPTED)**

J153-20: Gawalko

That the **Smoky Lake County** and **Town of Smoky Lake** Joint Council advertise the Crime Prevention Through Environmental Design (CPTED) program on each respective municipality's social media to promote awareness.

**Town of Smoky Lake:** motion moved by Morton.

Carried.

**6. CORRESPONDENCE:**

No Correspondence.

**8. EXECUTIVE SESSION:**

No Executive Session.

**9. NEXT MEETING:**

The next Smoky Lake County and Town of Smoky Lake Joint Council Meeting will be scheduled at the call of the chair.

**ADJOURNMENT**

J154-20: Cherniwchan

That the Smoky Lake County and Town of Smoky Lake Joint Council meeting of March 6, 2020 was adjourned, time 4:27 p.m.

Morton  
Carried.