

## Your Solar Proposal

**Prepared for**  
Demo System  
Demo Location

**Prepared by**

Sales Team

Solar Online Canada

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January 22, 2023



# Your Energy Costs Today

CA\$190.42

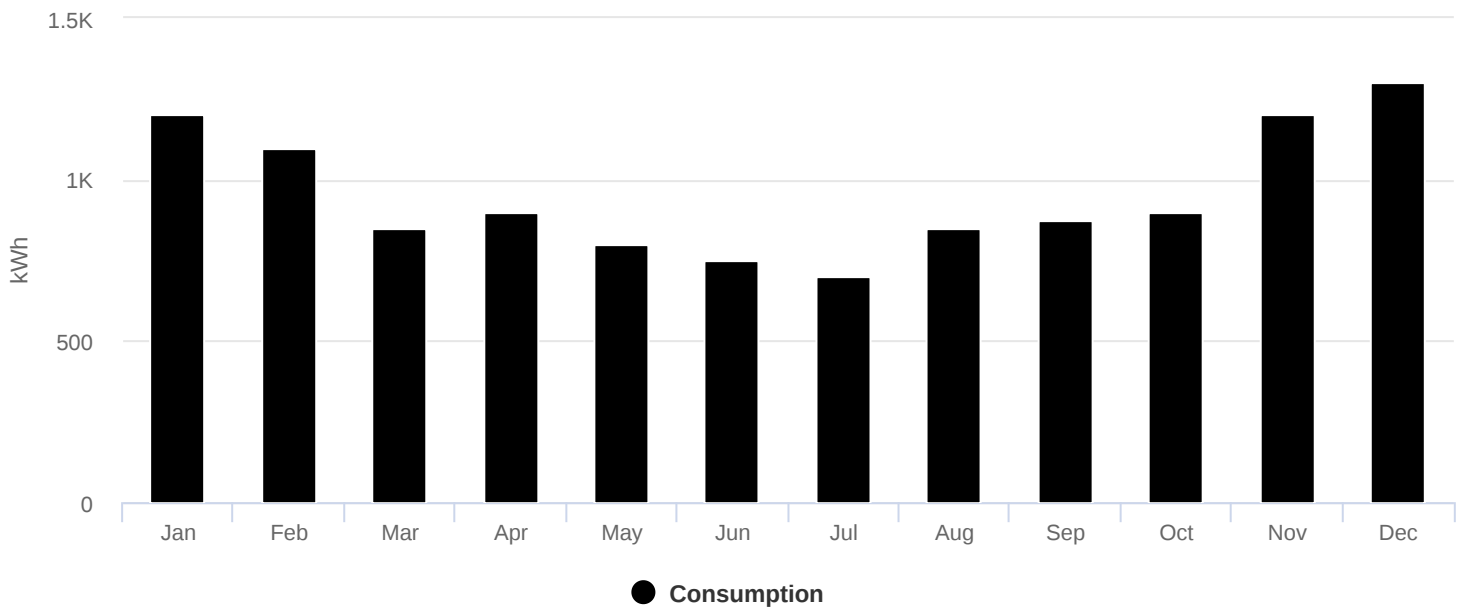
Average Monthly  
Electric Bill

CA\$2,285.00

Annual  
Electric Bill

CA\$70,893.46

25-Year  
Electricity Costs



## Utility Expense

Uncontrolled costs  
2.00% annual price inflation



## Dirty Energy

64% fossil fuel based  
34% of US CO2 Emission



# Your Solar Design

System Size (DC)

10.00 kW DC

System Size (AC)

8.80 kW AC

Annual Production

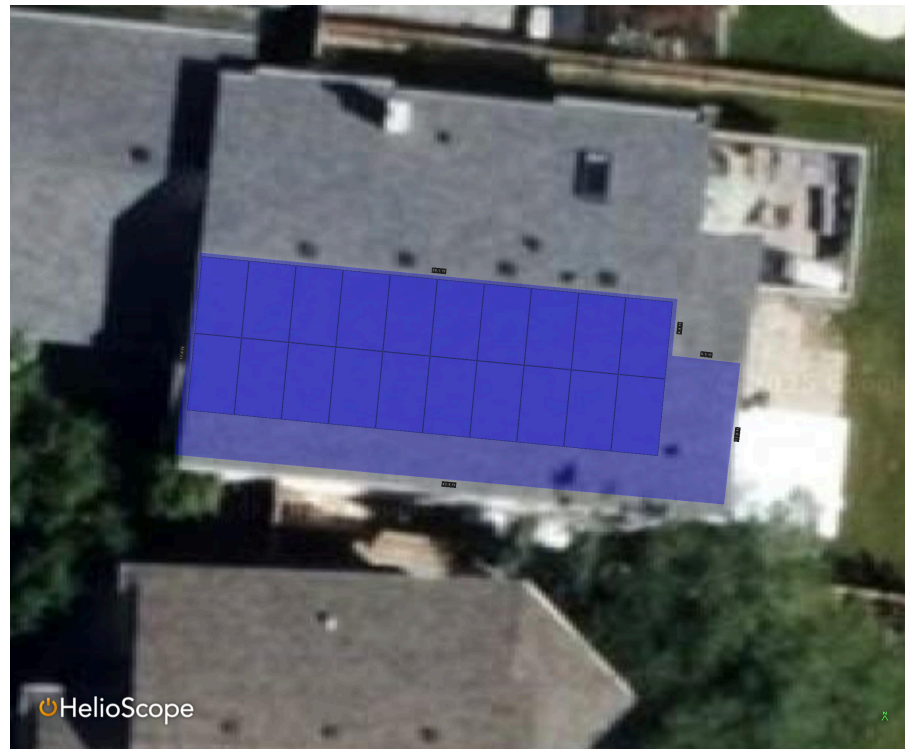
12.06 MWh

Solar Modules

(20) Thornova Solar

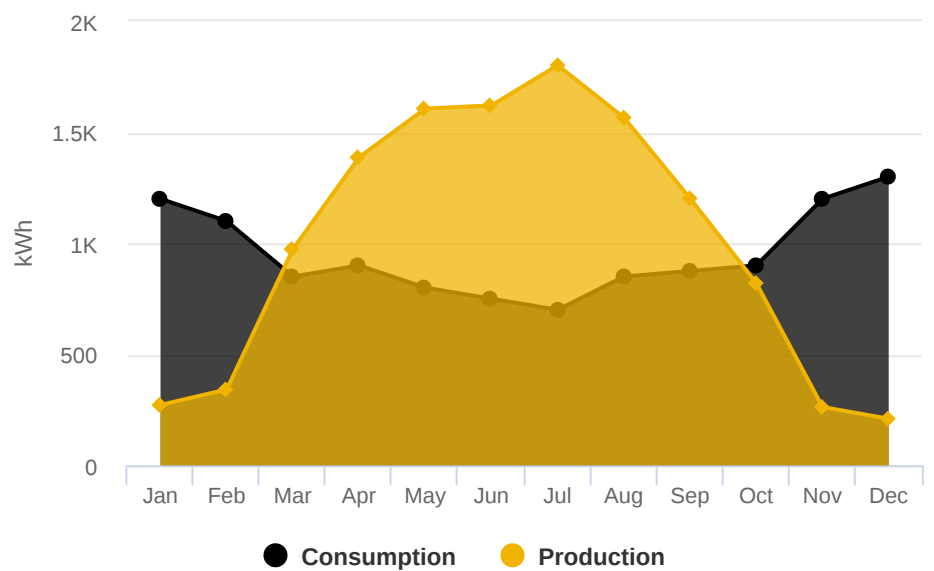
Inverters

(10) APsystems



## Production Analysis

105.59%  
Energy Offset



# Financial Analysis

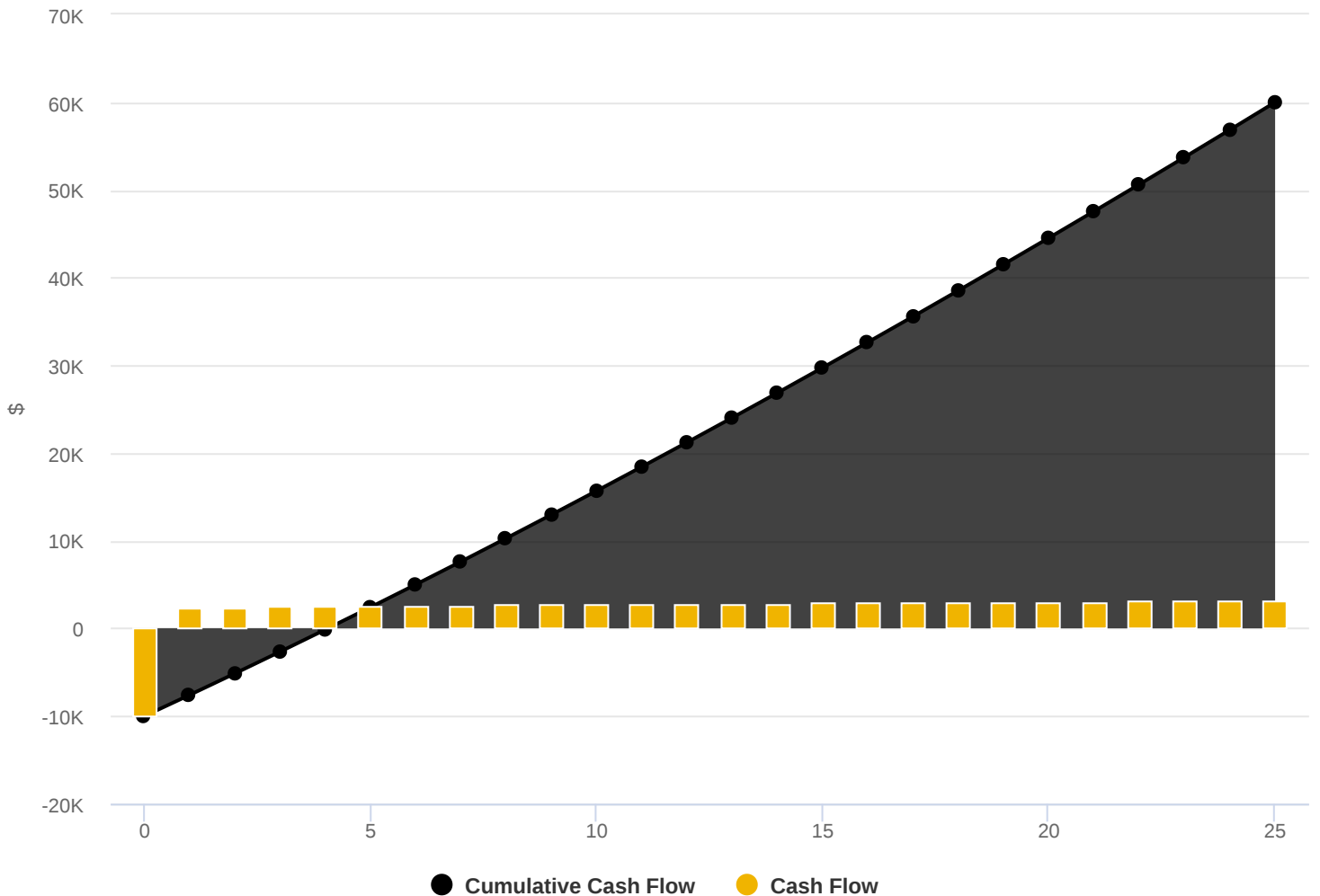
4.1 years  
Payback Period

CA\$2,412.70  
Annual Savings

599.96%  
Return on Investment

Monthly Bill Pre-Solar: CA\$190.42  
Monthly Bill Post-Solar: -CA\$10.64  
Monthly Savings: CA\$201.06

Upfront System Cost: CA\$10,000  
Incentives: CA\$0.00  
Net Cost CA\$10,000

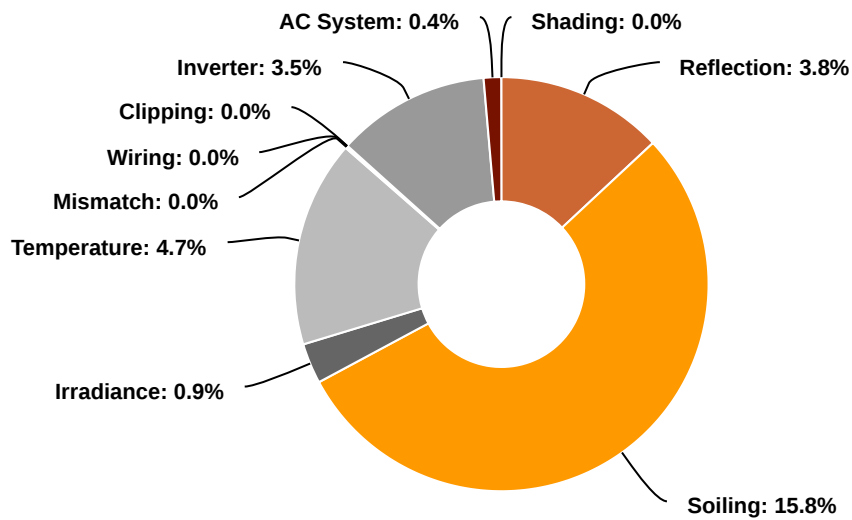


# Cash Flow Analysis

Year	Energy (kWh)	Cash Flow	Cumulative Cash Flow
0	0.0	-CA\$10,000	-CA\$10,000
1	12,063.5	CA\$2,413	-CA\$7,587
2	12,003.2	CA\$2,449	-CA\$5,139
3	11,945.7	CA\$2,485	-CA\$2,654
4	11,882.6	CA\$2,519	-CA\$135
5	11,822.2	CA\$2,554	CA\$2,419
6	11,761.9	CA\$2,588	CA\$5,006
7	11,704.3	CA\$2,622	CA\$7,628
8	11,641.3	CA\$2,654	CA\$10,282
9	11,581.0	CA\$2,687	CA\$12,969
10	11,520.7	CA\$2,719	CA\$15,688
11	11,463.0	CA\$2,751	CA\$18,439
12	11,400.0	CA\$2,782	CA\$21,221
13	11,339.7	CA\$2,812	CA\$24,033
14	11,279.4	CA\$2,842	CA\$26,875
15	11,221.7	CA\$2,873	CA\$29,748
16	11,158.8	CA\$2,901	CA\$32,649
17	11,098.4	CA\$2,930	CA\$35,579
18	11,038.1	CA\$2,958	CA\$38,538
19	10,980.4	CA\$2,987	CA\$41,524
20	10,917.5	CA\$3,013	CA\$44,538
21	10,857.2	CA\$3,040	CA\$47,578
22	10,796.8	CA\$3,066	CA\$50,644
23	10,739.0	CA\$3,093	CA\$53,737
24	10,676.2	CA\$3,117	CA\$56,854
25	10,615.9	CA\$3,142	CA\$59,996
	<b>283,508.6</b>	<b>CA\$59,996</b>	<b>CA\$59,996</b>

Design	Design 1
Module DC Nameplate	10.0 kW
Inverter AC Nameplate	8.8 kW Load Ratio: 1.14
Annual Production	12.1 MWh
Performance Ratio	73.5%
kWh/kWp	1,206.4
Weather Dataset	TMY, Calgary Int'l, WYEC2-B-25110 (epw)
Simulator Version	3df91a0d8f-02532478ee-70ced322eb-da19e942a0

## System Losses



## Annual PV Power Production

