



OWN YOUR POWER



INFINITY  
SOLAR





# HELLO SUNSHINE

## IT'S A GREAT TO TIME TO OWN YOUR POWER

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- \$5000 Rebate from Canada Greener Homes Grant
  - 10 year Zero Interest Loans up to \$40,000
  - 25 Year Warranty on all Solar Panels
  - Increases the Value of your Home
  - Pays for Itself 2-3 Times Over it's Lifespan
  - Protects You from Annual Electricity Rate Increases
  - Additional Financing Options are Available
  - Custom Roof, Ground, and Awning-mount systems
  - EV Charging Stations are also Available
  - Get a Complete Forecast of Production and Savings
  - We use only the Best Canada-Proven Equipment
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MAKE THE CHOICE THAT PAYS DIVIDENDS  
WE'LL DO EVERYTHING ELSE

WE'RE PROUD TO WORK WITH AMAZING PEOPLE

**8.68 KW Roof-Mount**

**Produces 8780 KWh annually**

**Proj. 25 yr savings - \$46,241**

(Based on 4% annual rate increase)



**11.25 KW Roof-Mount**

**Produces over 10,000 KWh / year**

**Proj. 25 yr savings - \$77,847**

(Based on 4% annual rate increase)



**11.83 KW Ground-Mount**

**Produces over 12,000 KWh / year**

**Proj. 30 yr savings - \$83,253**

(Based on 4% annual rate increase)



## Two Infinity Solar Customers' Results

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### 11.83 KW Net-Metered Solar System 26 x 455 Watt Panel Array

Average monthly power bill before Solar :	\$ 120
Average monthly power bill after Solar:	\$ 8
<i>(Distribution and connection charges always apply)</i>	
Production vs. Consumption	104%
Solar System Price (installed 2022)	\$24,251
Canada Greener Homes Rebate	\$5,000
<b>Final Cost</b>	<b>\$19,251</b>
Annual Power Generation Estimated in Quote	12,452 kWh
<b>Actual Annual Power Generation</b>	<b>12,957 kWh</b>
Annual Electricity Savings	\$ 1344

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### 8.68kW Net-Metered Solar System 20 x 434 Watt Panel Array

Average monthly power bill before Solar :	\$ 380
Average monthly power bill after Solar:	\$ 140
<i>(Distribution and connection charges always apply)</i>	
Utility Bill Offset	63%
Solar System Price (installed 2021)	\$18,328
Canada Greener Homes Rebate	\$5,000
<b>Final Cost</b>	<b>\$13,328</b>
Annual Power Generation Estimated in Quote	8,494 kWh
<b>Actual Annual Power Generation</b>	<b>8,780 kWh</b>
Annual Electricity Savings	\$ 2880

# THOSE RATES THOUGH

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**ELECTRICITY RATES IN BC HAVE RISEN  
OVER 70% IN A DECADE**

## **2023 RATE INCREASES:**

BC HYDRO	2%
NELSON HYDRO (RURAL)	9.87%
NELSON HYDRO (RURAL)	4%
FORTISBC	3.98%

## **PLANNED 2024 RATE INCREASES:**

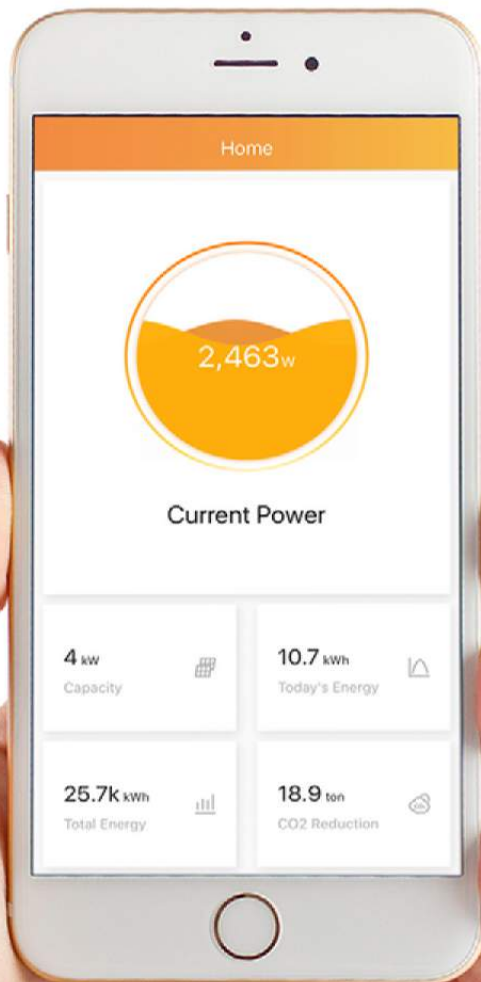
BC HYDRO	2.8%
NELSON HYDRO (RURAL)	9%
NELSON HYDRO (URBAN) <i>(projected above 4%)</i>	
FORTISBC	4.83%

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**WITH AN AVERAGE RISE OF 4% OVER THE LAST 25  
YEARS, AND AN INCREASING AMOUNT OF  
INFRASTRUCTURE TO PAY FOR, THERE IS NO  
REASON TO EXPECT THE TREND TO SLOW DOWN**

# YOUR POWER IS IN YOUR HAND

## MONITOR YOUR SOLAR RIGHT ON YOUR PHONE



That's right, with the APsystems Electricity Monitoring App, you get real-time data on:

- System output by day, month, and year
- energy cost savings
- CO2 reduction



# WHAT DO I HAVE TO DO TO ACCESS THE FEDERAL FUNDING?



# 1.

Apply for Canada Greener  
Homes Grant

## 1a.

NRCAN Evaluation

*Up to 1 Year before CGH Application*

*You'll Need:*

- proof of ownership (property tax bill number, found on municipal property documents)
- proof of residence (government-issued ID with the matching address)

# 2.

Apply for Canada Greener  
Homes Loan

*(Optional)*

## 2a.

Solar Array Estimate

Solar Site Assessment

*You'll Need:*

- **Infinity Solar Post Site Assessment Proposal**

# 3.

**SUBMIT ONLINE**  
Final Summary Receipt

## 2b.

NRCAN Evaluation

## 3a.

Access CGH Rebate and  
applicable Loan Funds

*You'll Need:*

- **Your Final Project Summary Receipt from Infinity Solar**

Canada  
**Greener  
Homes**  
Initiative

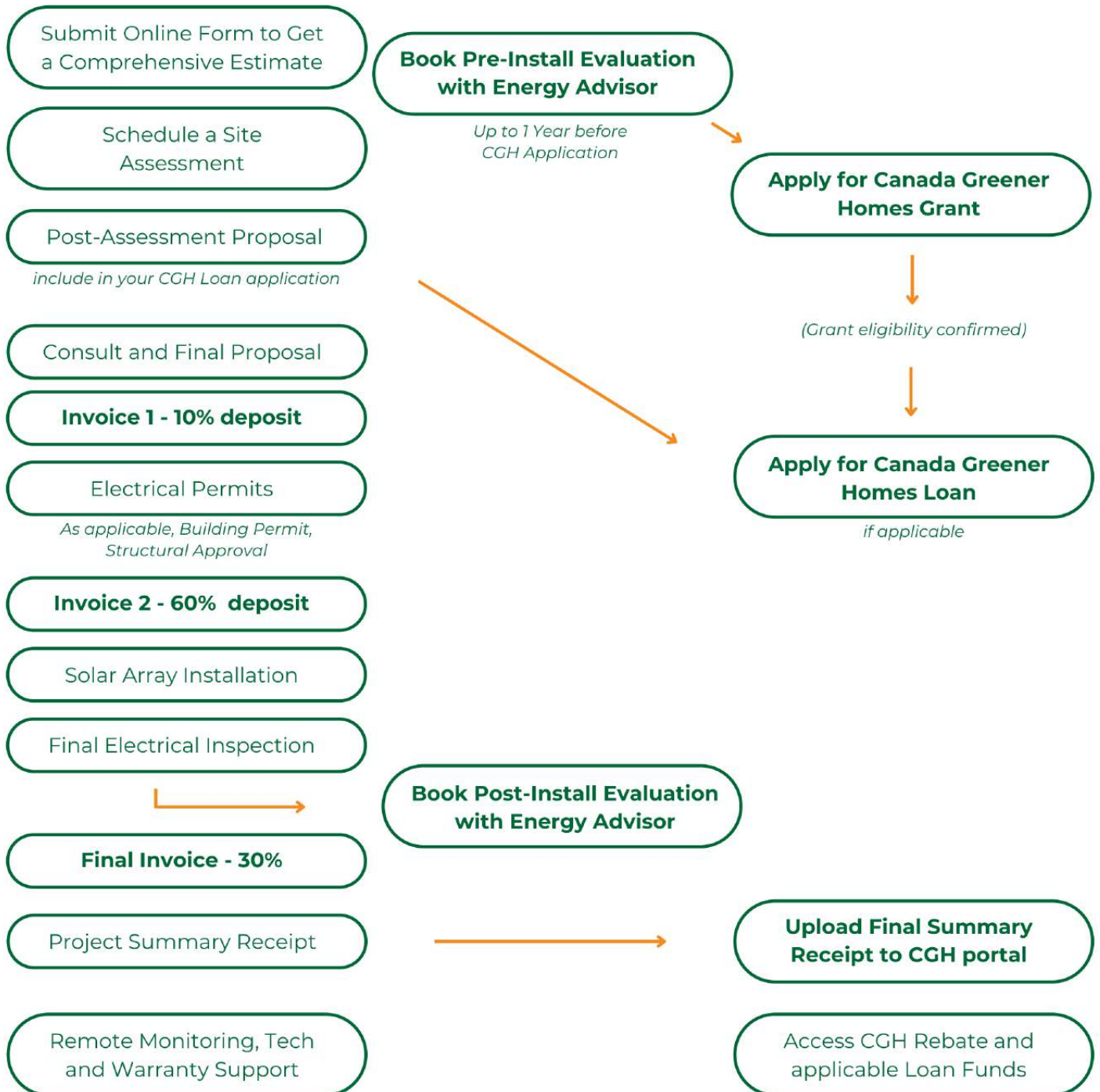


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TSBC LICENCE #LEL0209917


OWN YOUR POWER


# HOW DOES IT ALL FIT TOGETHER?





# PUTTING YOUR POWER IN THE BANK

## HOW DOES NET-METERING WORK?

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**1** Your Solar Array captures energy from the sun
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**2** An Inverter converts that energy into usable electricity in your home - no battery is required!
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**3** A Bi-Directional Meter measures how much electricity is being consumed or returned to the grid
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**4** The credit for electricity returned to the grid is reflected on your utility bill

You will be credited at your retail energy rate for energy that you put into the grid

The max size of your system is based on the last 12 months usage (or the projected load for new or upgraded service)

Distribution charges still apply - these make up 17% of an electricity bill on average

# DO I NEED A BATTERY?

**In a grid-tied system the electrical grid acts as your battery. You use your own solar electricity all the time - when you need more than you're producing, you just tap into the grid.**

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## **BACK-UP BATTERIES FOR GRID-TIED ARRAYS**

If you want to ensure power in your home during an outage on the grid, you'll need to add Battery Backup storage capability to your Grid-tied system.

Your panels will keep producing during daylight hours and then start pulling from your battery bank at night.

A typical Battery Backup System is designed to provide roughly 36 hours of emergency storage, depending on demand

Battery Backup Systems start at \$10,000

Hard-wiring a generator into your home is a popular alternative

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# WHAT ABOUT THE PLANET?

**THE AVERAGE BC HOME CONSUMES 11,000 KILOWATT  
HOURS OF ELECTRICITY PER YEAR**

**Ways to produce a Kilowatt Hour of Electricity:**

BURN ONE POUND OF COAL

BURN 10 CUBIC FEET OF NATURAL GAS

BURN 1 CUP OF OIL

OVER-BUDGET MEGA-DAM PROJECTS

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**WOULDN'T IT BE BETTER TO POWER IT WITH SUNSHINE?**

1 KWH PRODUCED BY SOLAR PREVENTS UP TO 1.6 LBS OF  
CO<sub>2</sub> FROM RELEASE TO THE ATMOSPHERE

# OWN YOUR POWER

HAVE SOME QUESTIONS?

## TALK TO OUR SOLAR DESIGN EXPERTS

RICK TIEFENBACH  
LEAD SOLAR DESIGNER  
DESIGN@INFINITYSOLARGROUP.CA  
250.631.4531

SCHEDULE A 20 MINUTE CONSULT →



SUBMIT OUR FORM ONLINE TO GET  
YOUR COMPREHENSIVE ESTIMATE →



Your Comprehensive Estimate includes:

- TOTAL COST AND APPLICABLE INCENTIVES
- SATELLITE IMAGERY OF YOUR ROOF
- COMPLETE SOLAR SYSTEM DESIGN
- ELECTRIC PRODUCTION PROJECTIONS
- RETURN ON INVESTMENT PROJECTIONS
- PERMITTING REQUIREMENTS IN YOUR AREA
- INSTALLATION PROCESS AND SCHEDULE
- MONITORING APP AND SUPPORT DETAILS



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