

# HOME SOLAR POWER: what's in it for you?



- **LOCATION:** Charlie Lake, BC
- **REDUCTION IN ELECTRICITY COSTS:** 100% (Net Zero)
- **ARRAY SIZE:** 10,200 watts grid-tied
- **GROUND MOUNT:** home roof was not suitable
- **SOLAR CONTRACTOR:** Peace Energy Co-op

provides a higher return than any GIC or savings account at a financial institution.

Businesses (including home-based and farms or ranches) can write off the entire cost of their solar power system using the "Revenue Canada Renewable Energy System Tax Break." Ask your accountant or book keeper to call Peace Energy Co-op for details.

## **FREEDOM from GRID RATE INCREASES**

Grid rates are sometimes kept artificially low for political purposes, but we all know where the cost of electricity will be going – just one way, UP!

Your solar power system makes you immune to these increases, because the cost of the solar electricity you generate yourself will always stay the same.

## **SECURITY and INDEPENDENCE**

A simple grid-tied solar system requires no batteries or other energy storage devices. However, batteries can be added at any time to give you hours, days or weeks of energy independence should the grid go down.

The newest systems, now being installed around the world, automatically use the powerful battery in your electric car to power your home during grid-failure. That's slick! Charge up your EV with free solar electricity too!

## **DOING YOUR PART for the ENVIRONMENT**

There is no greener electricity than solar electricity generated right at home where it is needed. As we move to decarbonize our lifestyles by "electrifying everything" solar is widely recognized as the way to go – simple, zero emission, ultra-reliable and hassle-free.

## **Home solar What's in it for you?**

### **LOW or ZERO ELECTRICAL BILLS**

As soon as you turn on your home solar power system, your electrical bills will begin to drop dramatically or disappear completely.

That's because the electricity you generate with solar is power you do not have to pay for. Solar will first wipe out your Step 2 rate which is now \$.1403 per kilowatt-hour (kWh).

It will then cut down or eliminate your Step 1 power now costing you \$.0935 per kWh. Solar pays well!

For most BC homes, a 10 kW solar array will wipe out your electrical bills entirely, rendering you what is called "Net Zero" – zero cost for electricity for decades!

### **A GOOD RETURN on YOUR INVESTMENT**

Solar will provide a steady, predictable income stream (through money saved) from a hard, renewable asset over a 25-year or more time frame. Solar is a worthy, very low risk investment that