

General Solar Assessment & System Design



Price: CAD \$100.00

SKU: MOE-SITE-ASSESS

Product Categories: [Back-Up Systems](#), [Cabin Solar Power](#), [Design](#), [Design Packages](#), [On The Roof](#), [Pop Picks For Homes](#), [Residential Solar](#), [Tiny House Power](#)

Product Tags: [assessment](#), [bc](#), [canada](#), [comox valley](#), [estimate](#), [evaluation](#), [performance](#), [pv](#), [quote](#), [site](#), [site assessment](#), [solar](#), [solar assessment](#), [solar design](#), [solar estimate](#), [solar home](#), [solar panel](#), [solar power](#), [solar power design](#), [solar power site evaluation](#), [solar power system design](#), [solar system design](#)

Product Page:

<https://www.modernoutpost.com/product/solar-power-site-assessment-system-design/>

Product Summary

What does a solar power system cost?

It's a lot like asking a car dealer what a new car costs, without telling them that you drive 4 kids to activities all over the countryside, or run a landscaping company on weekends, or like the feel of 0-100km/h in 3 seconds. The answer to the question in the case of solar depends on how much power you would like to generate, and usually that depends on how much power you currently consume.

You should get a solar assessment & system design to make sense of it all.

Product Description

What does a solar power system cost?

It's a lot like asking a car dealer what a new car costs, without telling them that you drive 4 kids to activities all over the countryside, or run a landscaping company on weekends, or like the feel of 0-100km/h in 3 seconds. The answer to the question in the case of solar depends on how much power you would like to generate, and usually that depends on how much power you currently consume.

You should get a solar assessment & system design to make sense of it all.

In general terms, a \$10K direct grid-tie system will offset somewhere between 30% & 50% of a typical Canadian home's annual consumption. With it, you are able to control energy costs that are rising faster than your income. It's also a hedge against inflation!

But this doesn't tell you anything about the system you are likely to get. Are you a typical home? How are your roof angles? Are there trees in your backyard? Do you own an EV?

Demand A Better Analysis

If you are going to invest, wouldn't you like to know precisely what equipment is recommended and why? What the system will look like? How it will perform? How long it will take to pay it off through utility bill savings?

If you want more than cookie-cutter answers, and want to seriously look at bringing solar into your life, then request a Solar Power Site Assessment & System Design from Modern Outpost.

Solar Assessment & System Design

Nobody needs to come to your home or construction site... Satellite imagery is used to assess your available solar array spaces. Solar charts & weather data for your location is combined with all your roof angles & obstructions & processed through the simulators so you have a good idea as to what's possible from a solar PV installation. The results are amazingly accurate.

We'll also suggest the best options for getting started with solar given your design goals, and budget. You'll learn which manufacturers have the best reputations, how to achieve the best aesthetics in order to improve your home's market value, and how long it will take to recover your investment through utility bill savings.

Solar Assessment & System Design

Assessment Package...

Performance Report

outlining annual solar performance & your various siting options. You'll see what you will be generating annually so you can compare against your utility bills & calculate your annual savings.

Grid-Tied, or Off-Grid

If you are not sure how you see your system coming together, this is the design package for you. We can help narrow the field of options.

Equipment Estimate

outlining the best solution for your unique situation. We'll take the time to review your budget & design goals so that you know exactly what's included. Unlike typical installers who only quote the system parts they have on hand & can install the fastest, we can build your system to your exact needs and goals.

\$100 Purchase Credit

on your purchase of residential or commercial solar power system equipment from Modern Outpost. We also have a comprehensive list of options for cabins, vans, RVs, boats, and backpacks that you can use your credit on.

How fast?

Depending on demand, assessments can usually be completed within 72 hours.

The Next Steps...

Once you have your assessment, you will be able to make a wise decision about purchasing a solar electric system for your home or property with confidence.

Even if you choose not to purchase your system from Modern Outpost, having a complete solar site performance report and carefully designed system estimate is a valuable means of evaluating another supplier's

offerings.

My goal is to demystify solar, and illustrate what it can do for you, because this is the best way for you to make an informed decision about moving forward into the world of renewable energy.

I look forward to working with you,

**Graham Morfitt, BSc (Physics), BA Owner, Modern Outpost Enterprises
Courtenay, BC (& Canada-Wide)**

...

Some additional information on the subject...

Specifics vary according to geographic location, but here are some basics to consider (see our information package for more info (see our [Solar Power Information Package for Homeowners](#)] for more details).

Payback Is A Reality

Unlike that kitchen reno, residential solar power systems actually pay you back. Depending on utility rates & your power consumption patterns, your utility bill savings recover your initial investment within 12-18 years typically. PLUS, your solar investment is also a marketable asset! Real estate studies have shown that initial solar investments are almost entirely recovered when it comes time to sell your property.

Can you imagine a more stable investment than energy in today's world?

More Valuable Each Year

This is not a depreciating asset. The solar modules on your roof get more valuable each year as both inflation & utility rates rise. More and more dollars come off your bill every year your system is in service.

Immediate Home Market Value Increase

As mentioned above, most home selling prices increase by the value of the solar power system. This isn't your tax assessment, this is an increase in your home's marketability.

Warranty & Performance Lifetimes

Performance warranties on the solar modules themselves are 25 years, with an expected life of over 40 years. Most of the other primary system components have

warranties of at least 10 years, so confidence is high that your system will quietly do its thing trouble-free for years to come.

Get Started Now

Request your Solar Power Site Assessment & System Design now, so you have the information you need to plan your future in solar power.

The best time for grid-tied installations is spring if you are wanting to participate in Net Metering programs offered by your utility.

If I Like What I See, Who Does The Installation?

Modern Outpost designs solar power systems, and supplies all the key components. We have access to just about every piece of equipment available on the market, and choose the best options for your particular needs & goals. Unlike most installers who promote a single package they are comfortable with, we can create the system that best meets your needs and expectations. We shop the world, and deliver to your door (free shipping by the way).

The very basics for cost-effective ground-mount systems, off-grid cabins, & farm buildings

Aesthetic packages with attractive rooftop components & simplified single-point utility connection for family homes

Super-Aesthetic packages using invisible rooftop racking & all-glass solar modules for homeowners that want to make an architectural statement alongside a self-sufficient one

While we don't install systems ourselves, we work with homeowners and their contractors & sub-trades to get the job done quickly & professionally. Roofers and experienced contractors handle the rooftop installation as easily as installing vents & flashings. Electricians pull the wire & make the necessary connections to the utility (or battery systems in the case of off-grid).

Most typical 12-20 module systems can be installed in 2-3 days.

Many homeowners choose the DIY route.

Order Your
Solar Assessment & System Design Today!

Product Gallery



