



# Off-grid systems barbados

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The company offers all projects as full turnkey and can also provide consultancy, supply and installation services for any solar PV project. We have all the modern equipment necessary to design and analyze any solar project. Our offices are located in St. Philip Barbados. Established over four years ago as a business entity to design, supply and install renewable energy products for solar and wind, Solar Energy Innovations Inc. is well informed and poised to take on the smallest or largest solar projects.

As a residential customer your aim would be to reduce your monthly bill. Solar Energy Innovations Inc. can offer you residential services such as retrofits, energy audits, and electrical audits.

Due to high energy cost in the commercial sector it is always advisable to consider an alternative energy system. Our commercial services include car-park lighting and power factor correction.

We work closely with manufacturers of inverters to improve their products" efficiency in order to make the products more marketable and attractive to those interested in solar power.

Solar Energy Innovations Inc. is in Emerald Park, Six Roads St. Philip in Barbados. The company was incorporated in November 2008 to develop solar photovoltaic solutions for the residential and commercial sectors in Barbados. It was founded by Mr. Allan Simmons of Simmons Electrical, who serves as chairman of the board.

Our staff is well trained with persons qualified and experienced in practical engineering and the solar PV technology. The company has designed, supplied and installed off grid and grid field solar PV systems from 3 KWP to 15 KWP. Our company is committed to providing renewable energy systems to Barbados and the Caribbean.

A solar panel is a device which is used to convert energy contained within the sun's rays into electricity. The off-grid solar electric systems consist mainly of solar panels or photovoltaic panels (PV), batteries and a DC to AC inverter. The solar panels convert energy from sunlight into electrical dc energy. This DC energy is then stored in the batteries to power the DC to AC inverter at all times during the day. The DC to AC inverter takes the DC energy from the batteries and changes it to AC energy to power the lights and appliances in your home.

1. Want to be independent of the utility, 2. Want to have electricity during power outages, 3. Needs energy resilience during hurricane season, 4. Want to offset the cost of the electricity bill by having the utility as a backup while supplying the home most of the time using the system and leaving the occasional heavy loads to the utility.



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St. Philip resident Carl Cadogan, has recently moved into his own home. He and his new wife have started their new life &#8220;off grid&#8221;. Carl says they are pleased with the decision to go &#8220;green&#8221; and to become self sufficient

&#8220;Our entire home is powered by the off grid system and everything works well. When we had the bad weather recently, we had no problems. Innogen&#8217;s service has been very good and we were able to include our system in the design of the house.&#8220;Carl Cadogan

The Offgen Resilient Storage System package includes the PV panels, enclosure with hybrid inverter and lithium-ion batteries, electrical equipment and labor installation. Schedule your site visit and consultation with us today.

"I am very happy with my off grid system. It&#8217;s great in the case of hurricanes or emergencies. It takes care of my air conditioning, exercise equipment and lighting and there&#8217;s no mothly bill. I find it more affordable.

Contact us for free full report

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