



What is the Solar Energy Society of Alberta?

The Solar Energy Society of Alberta is the trusted community resource for the widespread understanding and use of solar energy in Alberta. Solar Alberta is a nonprofit Society that works to accelerate Alberta's transition to a just and sustainable energy future.

What does solar Alberta do?

We do so by advocating, educating, and serving as an industry and community hub for solar energy. In both 2014 and 2021, Solar Alberta received Alberta's highest environmental honour by winning the Emerald Award in the coveted Community Group & Nonprofit Association category.

Does Alberta have big solar?

And yet, when it comes to big solar, Alberta has only 107 megawatts of generating capacity on the grid as of early 2021. What's very surprising is all of those more than 6,000 small solar systems add up to 88-megawatt capacity, stunning proof of the democratization of energy potential of solar. Green Energy Futures Solar Gallery

Does Alberta have a potential for solar power?

According to Natural Resources Canada, Alberta -- in particular the south of the province -- has great potential for solar power generation. Despite the vast resource and an open market, solar development was stuck in a bit of a "chicken-and-egg" situation, without anything to kick-start projects, said Hastings-Simon.

How many megawatts of solar will be developed in Alberta?

A 2018 supply chain study used 2016 data and forecasted that 3,261 megawatts of solar will be developed in Alberta by 2030. This gives you sense of how much of the 5,000 megawatts now in the queue will be developed. Remember this was before recent declines in the cost of solar. Recent auction prices of renewables.

What is a small Solar Project in Alberta?

Dan and Jake Hofer from the Green Acres Hutterite Colony in Bassano, Alberta. The colony built a

2-megawatt solar farm without subsidies to power farm operations and a recycling business they operate. These projects are considered small solar projects and part of the 88 megawatts installed already in Alberta.



For more information, see the attached Northern Alberta Institute of Technology Solar Photovoltaic Reference Array Report ??? March 31, 2015. View current and historical system performance data. The Solar Energy Society of Alberta would like to acknowledge the hard work of the following people on this project:



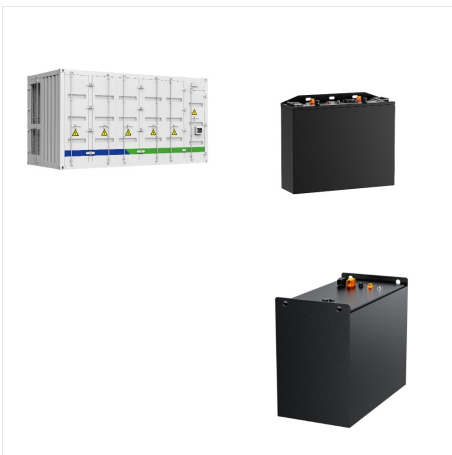
The Solar Energy Society of Alberta (SESA) was formed in 1991 as the Northern Alberta Chapter of the Solar Energy Society of Canada Inc. (SESCI-NAC) to advance the awareness, understanding and use of solar energy as well as other renewable energy and conservation technologies. We are located in Edmonton, Alberta, Canada.



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We invite you to Connect, Learn and Act with Solar Alberta. Mission. To accelerate Alberta's transition to a just and sustainable energy future, we advocate, educate, and serve as an industry and community hub for solar energy. Connect . We advance community. Connect with us and other interested Albertans by:



A Solar Energy Society of Alberta study looked at the market in early 2020 and concluded we will see 3,261 megawatts of solar in Alberta by 2030. Since 2014 solar has grown hundreds of sites to 6,168 small installations. This represents growth from one to 88 megawatts of small solar. Chart AESO



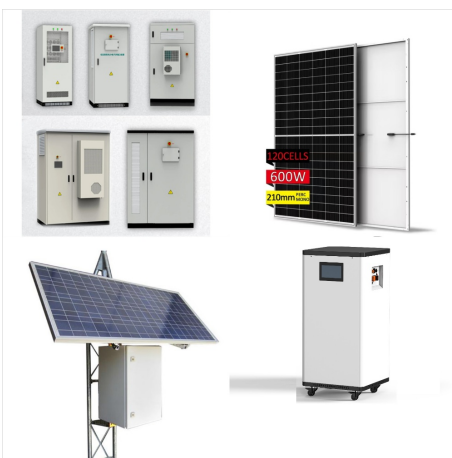
Formed in 1991, Solar Alberta is a non-profit society. Solar Alberta's fiscal year 2021 saw continued improvement in the. transparency, accountability and professionalism of the Society while Fort Chipewyan: Road to a Lower-Carbon Energy Mix. Powering Up: Alberta as the Solar Power House of Canada. Rooftop Solar 101.



In addition, Kuby Renewable Energy is proud to be a member of the Solar Energy Society of Alberta and the BC Sustainable Energy Association. Key Services & Features ??? Solar panel installations for residential and commercial uses ??? Services in BC, Alberta, and Saskatchewan ??? Electrical contractor ??? Solar power contractor



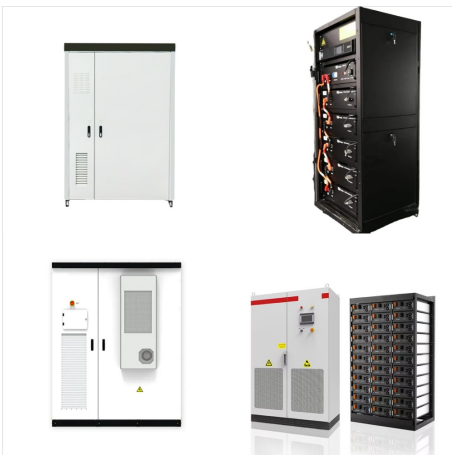
Net Zero Home Renovation services in Calgary, Alberta. **REDUCE CONSUMPTION** Energy Efficient Equipment. Whether you are ditching the fuel-powered furnace for an electric heat pump, or installing a new solar generating system, our knowledge and connections in the industry mean that we can give you the best value for your investment.



Alberta's vast open skies offer more than just breathtaking views ??? they're a powerhouse for solar energy. At Sunly, we're devoted to helping both individuals and businesses in Alberta realize the immense solar potential their region holds on the Rockies to the prairies, our extensive insights can guide you towards a more sustainable, sun-powered future.

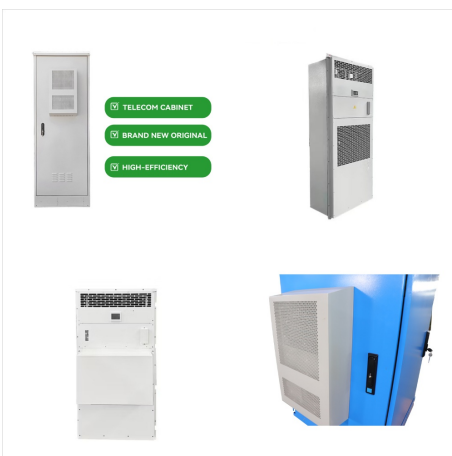


The Eco-Solar Home Tour Society of Alberta provides free energy efficiency and solar home tours to the general public in Edmonton, Calgary, Canmore and Lethbridge. Through these tours, Eco-Solar Home Tours is helping to educate the public about personal energy use, tools to increase energy efficiency and increasing the number of net-zero energy



Solar Energy Society of Alberta (the "Society") is a not-for-profit organization incorporated provincially under the Societies Act of Alberta. As a not-for-profit organization, the Society is not subject to income taxes under Section 149(1) of the Income Tax Act.

1. SIGNIFICANT ACCOUNTING POLICIES



Community Solar and SPICE Solar Energy Society of Alberta - September 26, 2019 Presented by: Warren Sarauer Chair of the Board. SPICE Story help "Lead and Seed" community energy in Alberta, for Albertans. ??? This funding support was vital in assisting SPICE with it's legal establishment, bylaw development, board training, website



Empowering a Sustainable Future. Founded in 2009, Solar Energy Canada has rapidly grown into a leading force in the renewable energy sector, driven by a passion for innovation and a deep commitment to sustainability. With over a decade of experience in harnessing the power of the sun, we have equipped thousands of homes and businesses across Canada with high-quality, ???



According to research by Hastings-Simon and colleagues, in 2021, renewables ??? solar, wind and hydro combined ??? accounted for 14.3 per cent of electricity on the Alberta grid, compared to less



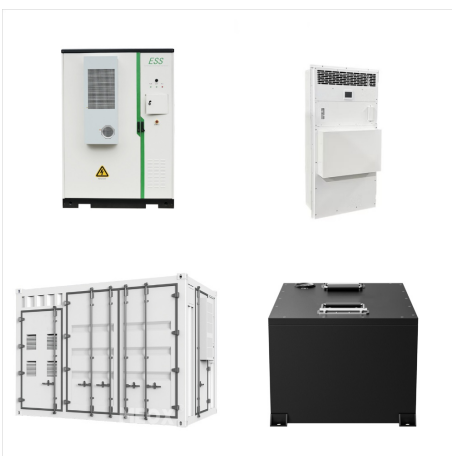
Canada now has a total installed capacity of more than 21.9 GW, including 20.4 GW of utility-scale wind and solar energy, 1.2 GW of on-site solar and 356 MW / 539 MWh of energy storage nationwide. Looking ahead, there are tremendous opportunities for growth in these industries, as the nation works to meet 2035 and 2050 net-zero targets.



Solar energy works in any climate and the fuel (sunshine) is free. Edmonton's winter climate is well-suited to solar energy. With 2,300 hours of sun in an average year, our city is one of the sunniest cities in Canada. Visit the Solar Energy Society of Alberta for technical information, examples of installed systems and details on solar



In fact, Alberta now leads all other provinces in growth in wind and solar energy. Alberta's power system is changing. Rapidly. Alberta solar facts . In 2022, 17 new solar farms joined the generation fleet and one facility was uprated, adding 402 MW of new capacity to the grid. This increased the total capacity for solar to 1,138 MW and



Version 1.0 Solar Energy Society of Alberta 4 . process and requirements of the Process, and to comply with any authorized actions by SESA or third parties to enforce findings made with due process. 5.3.4 Where a SESA Member uses contractors, service providers or agents to perform



The Solar Energy Society of Alberta (SESA) is dedicated to advancing the awareness, understanding and use of solar energy as well as other renewable energy and conservation technologies. SESA is an EcoHero because they have been teaching Albertans about these technologies since 1991, partnering with provincial and municipal governments



Solar Alberta members are invited to attend the 2024 VIRTUAL Annual General Meeting (AGM) of the Solar Energy Society of Alberta. The AGM will review the Society's year-end financial statements and the 2022-2023 Annual Report. It will also elect the Society's Board of Directors. The financial statements, the Annual Report and the Board of



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Alberta residents can get exclusive rates on electricity, natural gas and internet plans through Azgard Energy. In addition to our great plan options, we've also created our "Microgen Solar Club" ??? a unique loyalty program designed specifically for small solar micro-generators to sell-back their overproduction at a high rate.



The grantees include organizations such as Inside Education, the Alberta Council for Environmental Education, the Solar Energy Society of Alberta, the Alberta Rural Development Network and Habitat for Humanity. The grants allow these 12 organizations to do more of what they already specialize in, expanding their reach to more Albertans in their



Solar Alberta has been providing public education about renewable energy and energy efficiency for 30 years. Over that time, we have transitioned from a largely Edmonton-based club of solar enthusiasts installing their own solar modules, to a province-wide hub connecting the general public to solar installation professionals. We are a trusted authority on solar education and ???



We offer a variety of ways to learn and update your skills, through online courses to give you foundational knowledge in adopting energy efficiency and renewable energy, and in-depth training with leading industry, academic, government, and civil society experts to provide you content on current topics around energy efficiency and renewable energy.



Title: Keynote: The Net-Zero Energy Trio Date and Time: Monday, January 29th, 2024 at 7pm MT Cost: FREE Description: In this Keynote address, Vittoria Bellissimo, President and CEO of Canadian Renewable Energy Association, will dive into the synergies between solar, wind and energy storage. The session will address how these technologies are working together to ???



Rob Harlan is the Executive Director of the Solar Energy Society of Alberta. In this capacity he is charged with developing solar education programs for the solar industry as well as the general public. He has designed and taught courses in solar technologies at the Grant MacEwan Institute of Environmental Studies and the Northern Alberta Institute of Technology in Alberta, as well ???