



**BOW VALLEY  
GREEN ENERGY  
COOPERATIVE**



Live solar now.  
KCP ENERGY

## **Press Release**

### **Bow Valley Green Energy Co-op partners with Baymag and KCP Energy to advance solar energy generation!**

**March 3, 2023  
Canmore, Alberta**

The Bow Valley Green Energy Co-op, Baymag Inc. and KCP Energy are thrilled to announce that they have reached agreement on the financing, installation and operation of the largest ever solar array in the MD of Bighorn.

Recently, the three organizations signed agreements to initiate, build and energize a 291 kW photovoltaic system on the rooftop of one of the process buildings at Baymag's operation near Exshaw.

BVGEC will own and operate the system. The team anticipates this installation will generate up to 300,000 kWh of renewable electricity per year and eliminate 240 Tonnes of CO<sub>2</sub>e (Greenhouse Gas Emissions) from Alberta's electricity grid annually. For context, this is equivalent to the average electricity consumption of 50-60 homes annually.

Franz Spachtholz, CEO for Baymag, states "This solar project is part of Baymag's larger sustainability engagement which is a key priority for our company and our stakeholders, especially our employees, community, and customers."

Baymag's Exshaw plant is showing climate action leadership right here in the Bow Valley. This large-scale project will reduce its carbon footprint and generate carbon offsets, all while lessening reliance on non-renewable energy sources, supporting the green energy transition, and helping sustain a local community-owned renewable energy cooperative (BVGEC).

Jim Bachmann, Vice President Operations for Baymag, says "Following our recent expansion project which reduced our overall carbon intensity, this solar panel project is another big commitment for our business, for the environment, and for the communities in which we live, work, and play."

Jeff Roberts, President of Bow Valley Green Energy Cooperative, shared "This project is another important step on a scalable journey to reach 1 Megawatt of community-funded renewable energy capacity by the end of 2025. BVGEC is pleased to be working with Baymag in their journey to reduce their carbon footprint."

Geoff Domenico, President of KCP Energy, expressed "This has been a special project to be a part of as it is truly a made in the Bow Valley solution. It's also encouraging to see large



**BOW VALLEY  
GREEN ENERGY  
COOPERATIVE**



Live solar now.  
KCP ENERGY

organizations such as Baymag demonstrate real climate leadership by being the driving force behind realizing this project".

In Alberta, presently, renewables make up approximately 10% of the energy generated on the grid. However, the Alberta Electric System Operator (AESO) indicates 14,000 megawatts of installed solar capacity and 11,600 MW of wind — along with 5,800 MW of storage — are either under construction or have received approval or been announced by proponents. This data indicates that by 2026 on a sunny day, Alberta could produce more carbon-neutral energy than utilized.

## **Contact**

Jodi Conuel  
Communications Dir., BVGEC  
[connect@bvgreenenergy.org](mailto:connect@bvgreenenergy.org)

Jeff Roberts  
President, BVGEC  
[jeffroberts@shaw.ca](mailto:jeffroberts@shaw.ca)

Jim Bachmann  
Vice President Operations, Baymag Inc.  
[Jim.Bachmann@baymag.com](mailto:Jim.Bachmann@baymag.com)

Geoff Domenico  
President, KCP Energy Inc.  
[g.domenico@kcpenergy.com](mailto:g.domenico@kcpenergy.com)

## **Links**

[Baymag](#)  
[KCP Energy - LiveSolarNow.com](#)  
[Bow Valley Green Energy Cooperative](#)

## **About Baymag**

[Baymag](#) is Canada's sole manufacturer of magnesium oxide, based on one of the purest magnesium carbonate deposits in the world located near Radium B.C., and utilizing state-of-the-art processing operations at the plant site in Exshaw, Alberta. A leading global supplier of magnesium oxide (MgO) products for more than 40 years. Sectors which rely on our products are pulp & paper, animal feed, building products, and various environmental markets including water treatment applications in oil and gas, critical minerals, and rare earth processes.

Baymag is a member of the global Refratechnik group of companies, headquartered through Refratechnik Holding GmbH in Munich, Germany.



**BOW VALLEY  
GREEN ENERGY  
COOPERATIVE**



Live solar now.  
KCP ENERGY

### **About BVGEC**

The [Bow Valley Green Energy Co-op](#) (BVGEC) is a locally owned and volunteer run cooperative; we leverage Member investment dollars to build community-owned renewable energy generation projects in the Bow Valley and throughout Alberta. Since incorporation in May 2020, Bow Valley Green Energy Cooperative has grown in scale with \$0.75M of renewable assets and nearly 450 kw of installed solar capacity.

### **About KCP**

[KCP Energy](#) has been advising on and installing energy efficiency, solar energy, and energy storage solutions in Western Canada since 2007. A Canmore and Calgary based company, KCP focuses on solar electric and energy storage systems for commercial, agricultural, municipal, and residential properties. Their motto, "helping our customers Live Solar Now" is a testimony to their commitment to being part of the climate change solution.



**BOW VALLEY  
GREEN ENERGY  
COOPERATIVE**



Live solar now.  
KCP ENERGY



View of Baymag's plant near Exshaw.



**BOW VALLEY  
GREEN ENERGY  
COOPERATIVE**



Live solar now.  
KCP ENERGY



The solar team takes time to celebrate this major milestone for the Bow Valley.  
Front: Don MacDiarmid (BVGEC), Jeff Roberts (BVGEC), Kevin Magnusson (Baymag), Sue Hayduk (BVGEC)  
Back: Geoff Domenico (KCP), Ryan MacKenzie (Baymag), Gareth Thomson (BVGEC), Toby Brodkorb (BVGEC), Joey O'Brien (BVGEC), and Jim Bachmann (Baymag).



**BOW VALLEY  
GREEN ENERGY  
COOPERATIVE**



Live solar now.  
KCP ENERGY



L-R: Jeff Roberts, Geoff Domenico, Joey O'Brien, and Jim Bachmann stand in front of the processing building at Baymag's Exshaw plant where the solar array will be installed.



L-R: Jeff Roberts and Jim Bachmann finalize contracts for the solar panel project.



**BOW VALLEY  
GREEN ENERGY  
COOPERATIVE**



Live solar now.  
KCP ENERGY



L-R: Jim Bachmann, Geoff Domenico, Joey O'Brien, and Jeff Roberts meet at Baymag to discuss technical details for the solar panel project.