



## **Electrification of the largest solar installation in the MD of Bighorn!**

**On Thursday, June 22, 2023, Baymag, the Bow Valley Green Energy Co-op (BVCEC) and KCP Energy celebrated the official start-up of their joint project to install the largest solar array in the MD of Bighorn. The new Banff Kananaskis MLA, Sarah Elmeligi, and many other supporters joined Baymag to celebrate this momentous occasion. Thank you all!**

The 291 kW photovoltaic system is located on the rooftop of one of the process buildings at Baymag's operation near Exshaw.

"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," says Jodi Conuel, Founding Board Member of BVGEC.

### About the project:

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 and operated social enterprise (BVGEC).

Franz Spachtholz, CEO of 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."

BVGEC will own and operate the system and all profits from the sale of the energy will be channeled back into other local projects and installations.



Jeff Roberts, President of Bow Valley Green Energy Cooperative, shared "This project is another important step on a scalable journey to reach our target 1 Megawatt of installed renewable energy capacity, funded by our community by the end of 2025."

The installation was completed by KCP Energy.

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

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#### 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 that 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.

#### About BVGEC

At Bow Valley Green Energy Cooperative, we believe that Albertans can have an inclusive and prosperous local economy while contributing to a healthy environment. That's why we are energizing a community of changemakers to transform Alberta's energy.

The Bow Valley Green Energy Co-op (BVGEC) is 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 and channel the profits back into local initiatives and new energy installations in partnership with community organisations. Since its 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.