



Engaging Local Communities

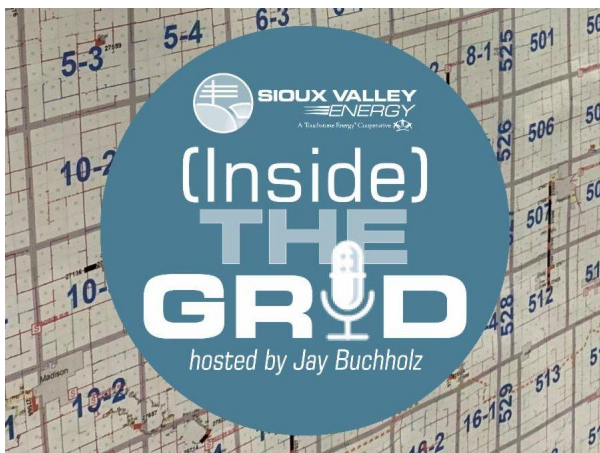
This month, we're excited to talk about our new REVIVE 2030 program designed to assist the communities we serve meet their economic development goals.

In the latest episode of our *Inside the Grid* podcast, we talk with Brandon Lane, Sioux Valley Energy's Economic Development and Community Relations Executive, as well as representatives of the Brandon Valley Area Chamber of Commerce and the Hartford Area Chamber of Commerce. The trio discuss ways that these groups can assist local businesses.

If you have suggestions for future issues or wish to discuss your operation's current and future energy needs, please contact me at jay.buchholz@siouxvalleyenergy.com or call my cell phone at 605-940-2053.

You can find previous issues of *Business PowerUP* [here](#).

Inside The Grid Podcast



In this month's episode of *Inside The Grid* podcast, I speak with Sioux Valley Energy's Brandon Lane, Brandon Valley Area Chamber of Commerce's Rachel Neiman and Hartford Area Chamber of Commerce's Amy Farr about the role of REVIVE 2030 and area chamber of commerce initiatives.

ITG: REVIVE 2030 and
Chambers of Commerce



Jay Buchholz, CKAE
Sioux Valley Energy
Key Account and Community Relations Executive



Brandon Lane
Sioux Valley Energy
Economic Development and Community Relations Executive



Rachael Neiman
Brandon Valley Area Chamber of Commerce
Executive Director



Amy Meert Farr
Hartford Area Chamber of Commerce
Chamber and Economic Development Director



Renewable Energy Credits Offered

Did you know that you can purchase renewable energy credits from your local electric cooperative, Sioux Valley Energy?

Sioux Valley Energy has Renewable Energy Credits (RECs) available for purchase to offset your current usage with 25%, 50%, 75%, and 100% renewable energy options.

The electricity you receive will still be the same reliable, affordable energy you always received from Sioux Valley Energy. By participating in this program, you will be



supporting current and future
renewable projects in our area.

Learn more [here](#).

Sioux Valley Energy Launches Community Solar Program

Sioux Valley Energy plans to build a community solar array that will be located at the Colman, South Dakota, headquarters. The array will have a total of 140 panels with a total capacity of 60 kW and a maximum output of 50 kW. Members of SVE will be able to purchase the output of one or more panels in the form of \$1,000 for a 20-year subscription where the output will be credited to their bill every month.

Learn more about the project [here](#).



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COMMUNITY SOLAR PROJECT

Sioux Valley Energy plans to build a community solar array that will be located at the Colman, South Dakota, headquarters. The array will have a total of 140 panels with a total capacity of 60 kW and a maximum output of 50 kW. Members of SVE will be able to purchase the output of one or more panels in the form of \$1,000 for a 20-year subscription where the output will be credited to their bill every month. The output will be credited at the kWh rate that the member normally pays, regardless of when the solar production occurs compared to usage on their account, this will amount to approximately \$5.50 per month on average. Paybacks range from nine to 13.5 years depending on your tax situation (see details about payback and ROI in FAQ section). The array will be located in a visible location along Highway 34. SVE's Beneficial Electrification Department will install and maintain the solar array in order to gain further expertise in solar and continue to be a knowledgeable resource for our members.

In summary:

- \$1,000 per panel subscription: 20 year panel output agreement (10 panel maximum per member)
- Panel output credited on monthly bill based on member's kWh rate (approximately \$5.50 per month on average)
- Initial investment payback ranging from nine to 13.5 years (assuming inflation and potential electric rate increases)

The advantages of purchasing a subscription from a community solar array include:


- Ability to get involved in solar for as little as \$1,000 instead of a large investment into a personal solar array
- No maintenance or insurance concerns
- No personal land or building needed for installation
- Purchasing output from part of a larger project provides economies of scale
- Credited for solar production regardless of when it occurs compared to having to match usage

We are excited to kick off this project and look forward to answering any questions you may have beyond the FAQs on the back.

AT A GLANCE


 **Total Project Maximum Output:**
50kW
(Project capacity = 60kW)


 **140 total panels available**

 **Each SVE member limited to 10 panels**

 **Panel cost: \$1,000**

 **Subscription length: 20 years**

 **Estimated payback of initial investment: 9 to 13.5 years***

 **Location: Sioux Valley Energy headquarters at Colman, SD (facing SD Highway 34)**



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How much does it cost?

A subscription fee of \$1,000 entitles the member to the solar production of one solar panel for a period of 20 years. Maximum limit of 10 panel subscriptions per member.

How many panel subscriptions can I purchase?

In total, there will be 140 panel subscriptions available for purchase. At this time, members can purchase up to 10 panel subscriptions.

What happens if I pass away or move off the SVE system?

A subscription can be sold and/or transferred to any Sioux Valley Energy Member or sold back to Sioux Valley Energy at a prorated amount in the event of death of a subscriber or if a subscriber moves off the SVE system.

Who owns the actual solar array?

Who takes care of the maintenance?

Sioux Valley Energy will own and be responsible for all maintenance for the Community Solar Project and would be responsible for any damage that occurred to the array.

How much will I save

on my electric bill as a subscriber?

We estimate that there would be an average reduction of \$5.50 on a monthly billing per subscription at current SVE electric rates. This bill credit will vary seasonally and would vary if your electric rate changes.

What could I expect in terms of a payback or return on investment (ROI)*?

Listed below are some estimated ROI's and paybacks for different tax situations (assuming inflation and potential electric rate increases).

- A member who is not able to utilize any tax credits can realize a ROI of 1.7% in Year 1 to 3.8% by Year 20 with a simple payback on their investment of 13.5 years.
- A member who is able to utilize the 26% federal tax credit can realize a ROI of 4.0% in Year 1 to 7.0% by Year 20 with a simple payback of their investment in 10.5 years.
- A member who owns a business and is able to write off the subscription toward the business can realize a ROI in Year 1 of 5.6% to 9.1% by Year 20 with a simple payback of their investment in nine years. This estimate assumes the member is in the 22% tax bracket.

**The above ROI's and paybacks are only estimates. Please consult with your tax adviser to learn how this investment can work for your specific situation.*



SCAN ME

If you are interested in purchasing the output of one or more panels or have further questions, please call Ben Pierson, Manager of Beneficial Electrification, at 605-256-1652.



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Safety: It's About More Than You



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Visit our Website

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Sioux Valley Energy is an equal opportunity provider and employer.

Follow us on **Vimeo** or one of these social media channels:



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