



Renewable Solutions for Alliant Energy Customers





Alliant Energy: Renewable Programs

Wisconsin Renewable Tariffs

Three New Renewable Tariffs Approved on June 20th, 2019

We are expanding our renewable power solutions to include three new voluntary programs.

Alliant Energy[®] Community Solar

- Communities can help power homes and businesses using solar energy without installing or owning your own solar panels. of renewable energy from a nearby solar array

Alliant Energy[®] Customer- Hosted Renewables

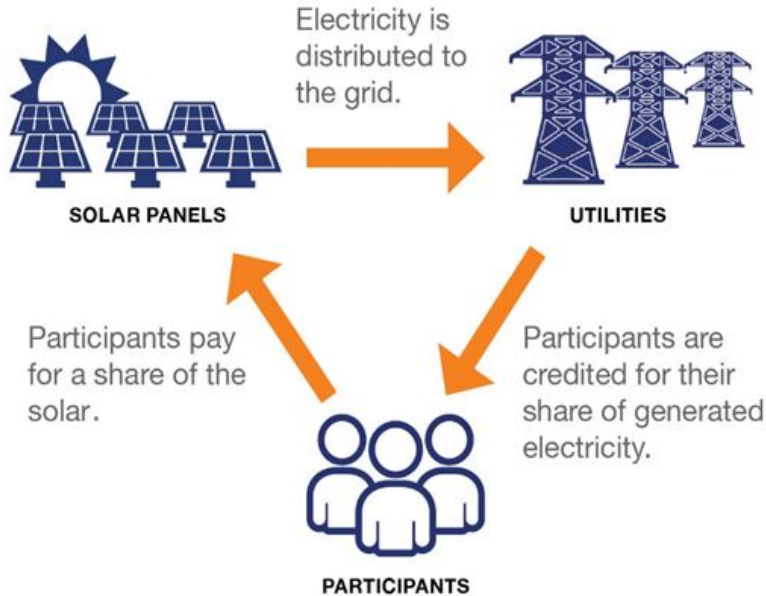
- Partnering with commercial and industrial customers to host renewable energy on-site and turn roofs and/or extra land into a source of income.

Alliant Energy[®] Renewable Energy Partner

- For commercial and industrial customers, Alliant Energy builds, owns and maintains a dedicated renewable energy facility on-site. Alliant Energy manages the sale of that energy and provide customers with a monthly statement of the generation. Depending on the market price of energy, you could receive a monthly credit or charge.

Alliant Energy® Community Solar Program

How it works...



Customer makes a one-time, upfront payment and then receives an ongoing monthly bill credit for the production from their percentage of the solar array.

Source: Shelton Group

Alliant Energy® Community Solar Program

Customer Experience & Offerings

•Alliant Energy Residential and Commercial customers.

- whose property is not suitable for solar or do not want to maintain their own system
- customers who would otherwise purchase and install a behind the meter system from a 3rd party
- 25% is reserved for residential
- 20 year program length

Customer Benefits



•Customers purchase multiple 250 watt solar blocks based on needs.

- 10% down & \$25 fee due at sign-up, with remainder due at construction completion (payment plans available)
- 250 watt = 1 block

•Customers receive a monthly bill credit based on kWh generated per solar block.

Customer Purchase & Bill Credits



•Alliant Energy will retire Renewable Energy Credits (REC) on behalf of program or participant.

- Customer can use solar energy credit towards sustainability goals
- 1REC = 1,000,000 watts generated from a renewable resource

Renewable Energy Credits



**Price per solar block and average credit varies based on facility and solar production*

Alliant Energy® Customer Hosted Program

How it works...

- Alliant Energy leases space (land or rooftop space) from a commercial or industrial customer to place utility-owned solar or battery systems on the utility-side of the meter.
- Alliant Energy will build, own, and maintain
- Energy is delivered to Alliant Energy distribution system
- Customer receives a monthly lease payment in form of a credit on their bill
- Minimum capacity 200kW; Maximum 2.25MW



Example of a rooftop installation

Preliminary Baraboo Location Options

Jackson Farm

- total of 120 acres across 3 parcels. Small site for a cell tower. Majority used for raising crops. Southern most parcel ~35 acres is partly wooded and too wet to farm (sits in 1% annual floodway)
- ~2 miles from the Baraboo Substation

Former City Landfill

- 40 acres
- ~2.5 miles from the Baraboo Substation
- Capped landfill in the center surrounded by woods, would require a ballasted system
- Feeder appears to end before reaching the property so additional conductor work might be necessary



Alliant Energy[®] Customer Hosted Program

Customer Experience & Offerings

- Alliant Energy Commercial & Industrial customers.
 - Commercial and industrial customers with suitable space for a solar or battery project and with matching load
 - Contract length is negotiable

Customer Benefits



- Since the facility is located on a customer's building or property, the customer receives a monthly lease payment (as a credit on their bill) based on capacity value.

Customer Purchase & Bill Credits



- Alliant Energy will retire Renewable Energy Credits (REC) on behalf of program or participant.
 - If customer is interested in RECs, lease payment is reduced by value of RECs; otherwise managed as utility RECs

Renewable Energy Credits



Alliant Energy® Renewable Energy Partner Program

How it works...

- Alliant Energy will build, own and maintain a dedicated wind or solar site on a customer's behalf.
- All energy is transferred to the grid.
- Alliant Energy manages the sale of the resulting energy and the customer receives a bill credit based on market value.
- Customer pays the cost of the dedicated renewable facility in monthly installments.
- Site locations can vary.
- Customer receives renewable energy attributes.



Example of Dubuque, IA solar field

Summary - Renewable Tariff Programs

	Customer Hosted Renewables	Community Solar	Renewable Energy Partners
Capacity	<p>Nameplate capacity per installation: min 200KW – max 2.25 MW</p> <p><u>WI Cap:</u> 20 MW with 5.7 MW reserved for non-profit organizations (MUSH)</p> <p><u>IA Cap:</u> 35 MW with 10 MW reserved for non-profit organizations (MUSH)</p>	<p>Nameplate capacity per installation: expected 1 MW</p> <p>No single subscriber may have more than 60% interest in an array</p> <p>25% of an array must be available for residential customers</p> <p><u>WI Program Cap:</u> 6MW</p> <p><u>IA Program Cap:</u> minimum of 3MW</p>	<p><u>WI Program Cap:</u> 150 MW of existing customer load</p> <p><u>IA Program Cap:</u> 150 MW of existing customer load</p>
Pricing Model	Lease payment to the customer based on production	<p>Customer (business or residential) makes an upfront 'block' purchase with monthly bill credit per share</p> <p>No single subscriber may have more than 60% interest in an array</p> <p>25% of an array must be available for residential customers</p>	Negotiable (see tariff)
Energy Source	Solar and/or Battery Storage System	Solar Only	Wind or Solar
Location	Alliant Customer's building or property	TBD - Dependent on project	Dependent on project
Contract Length	Negotiable	20 years	Negotiable
Renewable Energy Credits (REC)	Customer Option	Not Applicable	Customer will receive credits

Individual Contract Rate

- WPL also has an Individual Contract Rate (ICR) that is similar to MGE's Renewable Energy Rider
- With the ICR, you would be allowed to substitute electricity from a designated renewable generation facility for the standard mix of energy you would otherwise receive under your regular service.
- You will be responsible for costs associated with sourcing the renewable generation and any distribution costs to deliver the energy to your business.
- Benefits to you include resource additionality, greater energy cost certainty, renewable energy credits, and marketing opportunities
- The ICR must be approved by the PSCW and not impose new costs on WPL's other, regulated customers



Contact

Zack A. Hill

Sr. Resource Development Manager

ZacharyHill@alliantenergy.com

Phone: 608.458.5508

Cell: 202.255.9574