127,000 accounts
93 percent residential
Community Solar vs. Cooperative Solar
Why solar for your utility?
It’s what your members/customers want.
It adds diversity to your portfolio.
It improves customer satisfaction.
It improves your utility’s image.
It’s good for the environment.
Mandates

Price will not be a barrier
Simple, easy process
Easy to understand billing
Self supporting
No contract
How do I sign up?

Phone only

Two blocks with no intervention ($25/block)
Bill Example
Project 1
Project 1
July 2015
1 mW
750 blocks
433 subscribers
SOLD OUT BEFORE COMPLETION!
Project 2
Project 2
May 2016
2.5 mW
1,875 blocks
1,110 subscribers

SOLD OUT
BEFORE COMPLETION!
Project 3
Project 3
November 2017
3 mW
2,250 blocks
579 blocks from 351 subscribers
PR Plan Components
Logo Development
Member Education
Solar Electricity 101

What's the Difference Between Solar Electricity and Solar Water Heating Systems?

A solar electricity system produces electric current when photons from the sun's rays strike a photovoltaic panel made up of silicon (or other material) crystals.

A solar water heating system produces hot water when the sun's radiant energy heats a liquid in a solar collector containing a piping system.

Installing a Solar Array - Factors to Consider

To get the best results from a solar power installation, your home's roof should:
- Be mostly unobstructed by trees and have little shading.
- Face in a southerly direction.
- Have shingles or roofing in good condition that is not in need of imminent replacement.
- Have at least 300 to 400 square feet of area available for the solar panels.

You should plan on being in your home at least 10 years to see a return on your investment in a solar electricity system.

Federal Homeowner Incentives

Federal - Uncapped 30 percent federal income tax credit on solar equipment installed before January 1, 2010.

State - 35 percent income tax credit of up to $10,500 for solar electric installations. Important caveat: Georgia credit is subject to availability and is not guaranteed.

How Do Solar Panels Work?

1. Photons from the sun's rays strike the solar panel.
2. Electrons in crystals are knocked free.
3. Direct current is produced.

Solar Array - Uses energy from the sun to produce electric current.

Electric Grid - Supplies electricity when the solar array can't produce (cloudy or night).

Inverter - Converts the direct current produced by the array to alternating current used by the appliances and devices in your home.

Breaker Panel - Routes the electricity from the inverter to the circuits in your home.

Watch our newsletter and website as we research and develop more information and advice on installing solar electricity systems.

Community solar, or shared solar, allows many consumers to share the benefits of a single solar array. It may be the right choice for people who are renters, have a shaded roof, a roof that's not property directed, or just don't want to make the upfront investment in their own solar electricity system.
WHAT IS COMMUNITY SOLAR? A community solar project is a cooperative effort to produce solar power. Individuals, through their electric co-op, support a large-scale solar project. They reap the benefits without many of the hassles of owning and maintaining their own solar system.

COMMUNITY SOLAR ADVANTAGES
- Reduced installation cost. Economies of scale in a cooperative project bring the price of solar panels down.
- No maintenance cost or worries. The entity running the project provides all upkeep.
- No roof intrusion. There are no holes needed to accommodate solar panel mounting hardware.
- Home orientation, shading and aesthetic consensens sensa niba. The home doesn’t have to face a certain direction, nor do trees have to be cut to participate.
- Increased access and participation. Most landlords and many homeowner associations prohibit the installation of solar panels.

HOW COMMUNITY SOLAR WORKS
1. The cooperative builds and maintains the solar farm.
2. Individuals buy or lease panels within the facility according to their needs.
3. The cooperative meters and delivers solar electricity to the power grid.
4. Participants receive a credit on their electric bill according to the level of participation in the community solar project and the output of the solar panels.
5. Participants enjoy a greater home and lifestyle.

According to a 2008 study by the National Renewable Energy Lab, only 22 to 27 percent of residential rooftop area in the United States is suitable for an onsite solar photovoltaic system.
Program Introduction
Your co-op is in the process of making solar power readily available without the obstacles of owning your own system.

Walton EMC is building a community solar farm adjacent to its Monroe headquarters. Construction is slated to begin this month with the first solar-generated electricity flowing by July 1.

“The National Renewable Energy Laboratory estimates only about 25 percent of the residential rooftops in our country are suitable for onsite solar electricity generation,” said CEO Ronnie Lee. “Our project allows customer-owners who live under EVERY rooftop to participate in solar energy production.”

As a Walton EMC customer-owner, you can receive the output from the solar facility according to your needs and interest. Every month, the energy output of your portion will be calculated and credited to your bill. This solar energy will offset energy produced from traditional fuels.

The completed project will be among the seven largest community solar installations in the country and the largest in the eastern half of the U.S.
The completed project will be among the seven largest community solar installations in the country and the largest in the eastern half of the U.S.

FAST FACTS
- Total electricity output of project: APPROX. 2 MILLION KWH/YR
- Number of panels: APPROX. 4,200
- Panel type: CANADIAN CS6-P
- Panel output: 300 WATTS
- Panel tilt: 20°
- Construction company: RAINANCE SOLAR, ATLANTA
- Land area: SIX ACRES
- Energy availability: FIRST COME, FIRST SERVED

WALTON EMC COMMUNITY SOLAR ADVANTAGES
- Walton EMC operates and maintains panels
- Economies of scale bring panel costs down
- No holes in your roof
- No solar siting issues (roof direction, shading, etc.)
- Renters can participate
- Homeowners under restrictive covenants can participate

HOW DO I SIGN UP?
Sign ups will begin in the coming months. Log on to waltonemc.com and watch our newsletter.

HOW MUCH DOES IT COST?
Pricing plans will be available soon. Log on to waltonemc.com and watch our newsletter for information.
solar made easy

Construction is underway on Walton EMC's 1-megawatt community solar project adjacent to its Monroe headquarters. The facility is expected to produce approximately 2 million kilowatt-hours of solar electricity per year.

Walton EMC Community Solar

WANT TO LEARN MORE ABOUT OUR COMMUNITY SOLAR PROJECT? VISIT WALTONEMC.COM

WITH ELECTRICITY EXPECTED TO FLOW FROM THE FACILITY BEGINNING JULY 1, HERE'S HOW YOU CAN PARTICIPATE!

PRICING AND ENERGY PRODUCTION: Blocks of solar electricity are $75 each per month. Each block is 107,500 of the output of the project and is expected to produce between 180 and 240 kilowatt-hours of solar energy monthly. Energy output will vary due to the sun's angle, the time of year, the number of cloudy days in the month, and other factors.

AVAILABILITY: You will be able to sign up for up to two blocks of solar electricity. Requests for more than two blocks will be handled on a case-by-case basis. Only residences served by our electric grid can participate.

SIGN UPS: Sign-ups will begin on June 1 on a first-come, first-served basis. Call us at 770-297-2505 to apply. We are not able to take online requests at this time. If blocks are sold out, a waiting list is available.

BILLING: You will be billed $75 for each block of solar electricity. The kilowatt-hours produced by your block in each calendar month will offset the same number of kilowatt-hours on your bill. If your block produces more kilowatt-hours than you use during your billing period, you will receive a credit for the excess. You will be informed of any price changes at least 30 days in advance.

LENGTH OF COMMITMENT: You can discontinue your solar energy commitment at any time by notifying us. If you have the program, Walton EMC cannot guarantee there will be availability if you decide to renew.
Cooperative Solar is Live

Walton EMC’s first cooperative solar project is now producing electricity from the sun!

Contractors finished installing the site’s 4,280 photovoltaic panels around mid-June, but not before the project was sold out.

Demand for the solar-generated power is high and signups are brisk. If you didn’t get in the first project, don’t worry! Plans are underway for more projects totaling 4 megawatts.

“Our customer-owners quickly snapped up the available solar subscriptions when they became available on June 1,” said CEO Ronnie Lee. “Our first project sold out in only a few days.”

Get all the details... Log on to waltonemc.com and click on the cooperative solar link. Call 770-267-2605 now to get your spot on the waiting list.

Walton EMC Cooperative Solar

Additional solar projects underway, sign up now!
Here Comes MORE Sun!

As promised, Walton EMC is bringing more cooperative solar power.

Our first one-megawatt project that came online earlier this year quickly sold out. But you kept calling and asking to be put on a waiting list. That patience will soon be rewarded!

Your co-op was able to find a suitable piece of land to build another 2.1/2 megawatts of cooperative solar a few miles south of Monroe.

It took a few months to get the groundwork laid, which included purchasing and closing on the land, getting approval and reaping from the county and signing a construction contract with our contractor, Radiance Solar.

Site preparation is now underway and construction should begin around mid-January.

“Our second project will make another 1,875 blocks of cooperative solar available to our customer-owners,” said CEO Ronnie Lee. “We expect the new site to be producing electricity somewhere around an April–May timeframe.”

Most of the blocks of the new project have been spoken for, with less than 400 remaining. Customer-owners can sign up for those blocks by calling Walton EMC at 770-267-2505.

Each block costs $25 per month and is expected to produce between 180 and 260 kilowatt-hours. Those kilowatt-hours are deducted off the total energy used for that month.

“We appreciate the enthusiasm and participation of our customer-owners in our cooperative solar project,” said Lee. “These projects are good for them, good for their co-op and good for their environment. Everyone wins!”
Media Outreach
Walton EMC Announces Largest Community Solar Project in Eastern U.S.

MONROE, Ga. – Walton Electric Membership Corporation (EMC) announces the construction and operation of a one-megawatt community solar electricity generation farm in northeastern Walton County near Monroe through its wholly-owned subsidiary, Walton Solar. The completed project will be among the seven largest community solar installations in the country and the largest in the eastern half of the U.S.

Community solar projects are cooperative efforts that allow access to consumers who might otherwise be excluded from owning and installing their own solar electricity generation. Obstacles like upfront costs, improper roof orientation, excessive roof shading, restrictive subdivision covenants or landlord prohibitions are frequent barriers to homeowners and renters who want to install solar systems.

“Our community solar project has many advantages for Walton EMC customer-owners,” said CEO Ronnie Lee. “The National Renewal Energy Laboratory estimates that only about 25 percent of the residential rooftop area in our country is suitable for onsite solar electricity generation. Cooperative projects allow people who live under the other 75 percent of unsuitable rooftops to participate in solar energy production.”

“Besides that, many consumers would like to participate in solar electricity generation but simply don’t want the hassle, maintenance and expense of owning their own system,” said Lee. “Our community system will allow them to have the benefits without those barriers.”

Customer-owners will be able to participate in the project depending on their level of need and interest. Details of the cost to consumers and available levels of participation are currently being developed. Construction is underway with the first solar-generated electricity flowing from the project by July 1.

- more -
Second Walton EMC cooperative solar project under way

MONROE | Walton Electric Membership Corporation has begun construction of its second cooperative solar project.

"Our customer-owners quickly snapped up the first 750 solar blocks when they became available last June," CEO Ronnie Lee said. "They were gone in just a few days.

"Customer-owners continue to call. The demand is phenomenal. We already have a waiting list long enough to sell out 80 percent of the next project," Lee continued. "That's why we're on the fast track to build more."

Lee urges customer-owners desiring cooperative solar to put their names on the waiting list now. Those interested should call Walton EMC at 770-267-2900.

Walton EMC's first project consists of a one-megawatt solar electricity generation site in northeastern Walton County. The six-acre facility uses 4,260 individual solar panels and is expected to produce approximately 2 million kilowatt-hours of solar electricity per year.

The second 2.4-megawatt project is sited four miles south of Monroe in Walton County. About 10,700 panels will occupy 15 acres and generate 4.5 million kilowatt-hours of solar electricity per year.

Only customer-owners who have residences connected to Walton EMC's electric grid are eligible to participate in the cooperative solar projects.

Blocks of solar electricity are $25 each per month. Each block is expected to produce between 180 and 260 kilowatt-hours per month, depending on the sun's angle, the time of year, the number of cloudy days in the month and other factors.
Social Media
Walton EMC Cooperative Solar

Walton EMC
Public Utility

DONATE BLOOD

305 people reached.

Like

Donated

See Feed

Glen Head, New York
12-12-12

View Page

Promote Page

1,720 people reached this week

Walton EMC is hosting a blood drive on Thursday, February 5th from 1:00 pm to 6:00 pm in the auditorium in our Ozone office. We hope that you will participate! Give Blood. Save a Life!
Here comes the sun!

It won’t be long until solar electricity is flowing from our innovative community solar project. Workers continue to install some of the 4,280 panels that will generate approximately 2 million kilowatt-hours of solar power per year.

Find out how you can participate here: http://www.waltonemc.com/index.php/home/communitysolar
Print
Here comes the sun!

WALTON EMC IS PROUD TO PRESENT OUR COOPERATIVE SOLAR PROJECTS:

Our first solar generation facility is a 1.5 megawatt site in western Walton County. The project site consists of 4200 panels that produce approximately 3 million kilowatt-hours of solar energy per year.

The second facility is 2.4 megawatts at our seven substation facilities. This site consists of 10,750 panels and produces approximately 13 million kilowatt-hours of solar energy per year.

PAYBACK: You can sign up for a lease to install solar electricity on your home for your lease, no debt is involved. You will save money every month, and you will be able to control your energy production for more than five years. You will save a lot of money every month, and you will be able to control your energy production for more than five years. You will save a lot of money every month, and you will be able to control your energy production for more than five years. You will save a lot of money every month, and you will be able to control your energy production for more than five years. You will save a lot of money every month, and you will be able to control your energy production for more than five years. You will save a lot of money every month, and you will be able to control your energy production for more than five years. You will save a lot of money every month, and you will be able to control your energy production for more than five years. You will save a lot of money every month, and you will be able to control your energy production for more than five years. You will save a lot of money every month, and you will be able to control your energy production for more than five years.
Web
Cooperative Solar

Here comes the sun!

Walton EMC is proud to announce our one-megawatt cooperative solar project.

Cooperative solar projects provide access to consumers who might otherwise be excluded from owning and installing their own solar electricity generation. Obstacles like improper roof orientation, excessive roof shading, restrictive subdivision covenants or landlord prohibitions are frequent barriers to homeowners and renters who want to install solar systems.

As a Walton EMC customer owner, you can receive solar electricity according to your needs and interests. Every month, the energy output of your portion will be calculated and credited to your bill. This solar energy will offset energy produced from traditional fuels.

Solar-generated electricity is now flowing from the project.

Cooperative Solar Advantages

- Walton EMC operates and maintains the facility
- Economies of scale bring costs down
- No holes in your roof
- No solar string issues (roof direction, shading, etc.)
- Renters can participate
- Homeowners under restrictive covenants can participate

Location

The one-megawatt solar project occupies approximately six acres of total land area on an 11-acre site located at 10001 Walton EMC Drive, Monroe, GA 30656.
Current site conditions
Partly Cloudy 45° F
1004 W/m²

Current Power Output
1,102 kW

Today’s Energy Output
2,698 kWh

All-time Energy Output
1,215,191 kWh
Community Events
Word of Mouth
Facility Tours
Results
Solar Energy (kWh) / Participant / Month

Values for each month:
- May 16: 278 kWh
- Jun 16: 273 kWh
- Jul 16: 276 kWh
- Aug 16: 249 kWh
- Sep 16: 255 kWh
- Oct 16: 267 kWh
- Nov 16: 201 kWh
- Dec 16: 143 kWh
- Jan 17: 181 kWh
- Feb 17: 192 kWh
- Mar 17: 254 kWh
- Apr 17: 248 kWh
- May 17: 255 kWh
Total Blocks

2,625 online
2,250 next project
Total Subscribers

1,564 active
351 waiting
Retention

150 dropped out

91% retention
Thanks for your attention!

gbrooks@waltonemc.com