

**TOGETHER
WE SAVE**

**A Guide to
Products and
Services
For Adams Electric
Members**



**Adams Electric
Cooperative, Inc.**

®

A Touchstone Energy® Cooperative



Your Co-op Member Benefits

U-SHIFT, U-\$AVE

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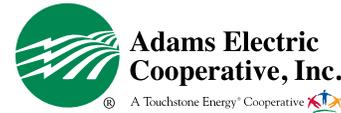
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1338 Biglerville Road, P.O. Box 1055
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adamsec.coop

Dear Member,

We wanted to make sure you are aware of the line of products and services from which you benefit as a member. Specifically, we want to draw your attention to the products and services that will help you lower your electricity bills and help you make the most of your energy dollars. These options include joining our U-Shift, U-\$ave initiative, which can provide bill credits or lower rates to members who participate.



As a not-for-profit, member-owned organization, Adams Electric operates under seven cooperative principles, one of which focuses on education, training and information. This principle, in part, calls for Adams Electric to provide its members with information about how they can better manage their energy use.

There's lots of information available online at adamsec.coop and our dedicated energy-saving website, myenergy.adamsec.coop and in print at any of our district offices. You will get some idea of the scope of that information if you take a few moments to look through this catalog. If you have any questions about what you read here, please do not hesitate to call us at 717/334-9211 or 888/232-6732.

Sincerely,
Steve Rasmussen,

CEO/General Manager

U-SHIFT, U-\$AVE

Shift Your Energy Use and Save: The co-op's U-Shift program moves the use of electric water heaters, heating and cooling systems and other interruptible equipment to off-peak hours. As the name implies, members benefit when they shift their use of electricity to non-demand hours. Help reduce expensive demand peaks which take place on the coldest winter days and hottest summer afternoons, Monday through Friday, by joining more than 10,000 other members shifting their use.



U-SHIFT, U-\$AVE INITIATIVES:

U-Shift Water Heating asks memberstoallowaninterruptible switch to be installed free of charge (a \$215-value) on their electric water heater(s) and earn a monthly bill credit. Rebates are available to those who allow a new U-shift switch to be installed on their electric water heater. (See "U-Take the Credit," on page 5).



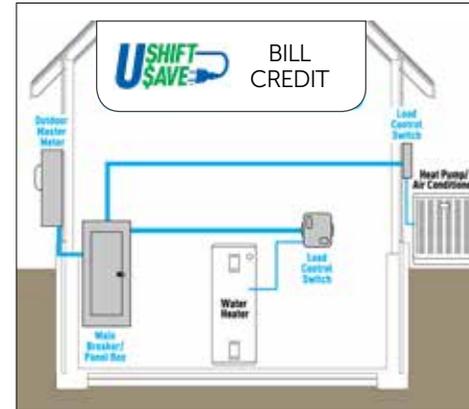
U-Shift Air Conditioning asks members to allow an interruptible switch to be installed free of charge (a \$215-value) on their heat pumps and central air units and earn a seasonal bill credit for the months of June, July and August. (See "U-Take the Credit," on page 5).

U-Shift Off-Peak Rate asks members to install an interruptible, separately-metered subpanel and meter base (at their expense), that provides about a 38 percent rate reduction for all the electricity that flows through that subpanel. Power may be interrupted by the cooperative during periods of peak demand. (See "U-Save on the Rate," on page 5).

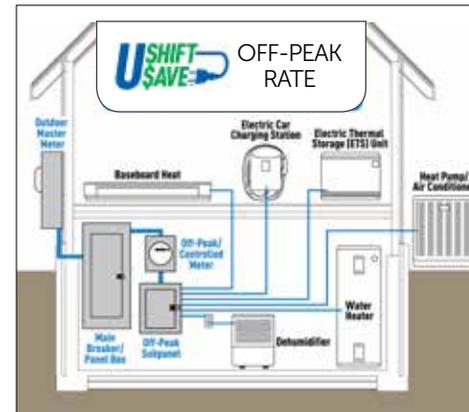
U-Shift Turn Off, Turn Up asks members to turn off major appliances and turn up their thermostats a few degrees on the hottest weekday afternoons between the hours of 1 and 7 p.m. These include dishwashers, washers and dryers. Members are

asked to use the microwave or barbecue grill to cook their meals during these critical hours.

For more information, visit myenergy.adamsec.coop and click on "U-Shift, U-\$ave."



U-TAKE THE CREDIT: Have a U-Shift switch installed free of charge on your electric water heater, and/or heat pump or central air unit and receive an ongoing bill credit. This credit is \$10 per month for an interruptible water heater or \$5 per month for a heat pump water heater. The credit is \$10 per month for the months of June, July and August for cycled heat pumps and central air units.



U-\$AVE ON THE RATE: Pay to install a separately metered off-peak subpanel and meter base and pay about 38 percent less for any electricity that runs through the subpanel. (The off-peak meter is installed for free). Do not connect anything to the subpanel that cannot have power interrupted to it.

Note: Rates and credits are subject to change at any time and without notice. In addition, Adams Electric cannot guarantee the duration of any U-Shift interruption period, due to the ever-changing nature of electrical demands on the power grid, which provides power to the co-op's substations and metering points. Members participating in the U-Shift incentives must understand that periods of interruption may be extended due to emergencies and other unforeseen circumstances on the co-op's distribution system and the energy supply grid.

CO-OP CONNECTIONS

Co-op Connections Discount Card: All members receive a Co-op Connections card, which offers users significant discounts on “Healthy Savings” services such as prescriptions, dental, vision, chiropractic, hearing, and lab and imaging services. There are also discounts available at local and national participating businesses, and for online shoppers.



Visit adamsec.coop to find Healthy Savings providers and discounts. Since the program debuted in February 2010, our members have saved more than \$242,500 in pharmaceutical expenses using their Co-op Connections card.

Note: These pharmacy discounts are not insurance and are not intended as a substitute for insurance.

The Co-op Connections card can be used to receive discounts on various goods and services from local and national businesses. If you have a business and would like to join, this program gives your business the opportunity to offer valuable discounts to cardholders. In exchange for your participation, Adams Electric helps promote your business and discount offer online through the Co-op Connections web portal. The program is free to all members and local participating businesses.

Online shoppers can join the Co-op Connections Cash Back Mall and earn money on purchases from 4,000 major online merchants. This is a free benefit for co-op members. To start earning money, register for a Cash Back Mall account at adamsec.coop/yourpeople.com/shopping.

Visit adamsec.coop and click on “Co-op Connections” under “My Benefits” for more program information and to find all of the local and national business participants and the discounts offered.

To get the most from your Co-op Connections card, download the free Co-op Connections app. The app includes a virtual card with prescription discount information. Use your phone’s GPS

to locate nearby Co-op Connections deals and identify your favorite discounts and save them in “My Deals” for easy access. Visit adamsec.coop for more information.

**The Co-op Connections program is a discount card program. Adams Electric Cooperative does not endorse the participating businesses or the service they provide.*

MONEY SAVING OPTIONS



Time-of-Day (T-O-D) Rate: If a member can move at least 65 percent of their electric use to after 7 p.m. and before 7 a.m. on weekdays, they may benefit from the T-O-D rate. This rate is designed for residential and small, single-phase commercial accounts with less than 50 kilowatts of demand. On-peak hours are 7 a.m. to 7 p.m., Monday through Friday.

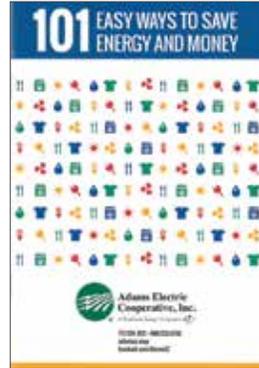
Off-peak hours include weekends and major holidays.

Energy Audits: Adams Electric has free, in-person and online, residential and commercial energy audit services to help members understand how they currently use energy and what they can do to improve their energy efficiency.



- **In-Person:** This traditional energy audit can be used to size a new heating and cooling system, whether it is for a new home or as the replacement for an old system. A safety/energy use specialist will visit a member’s home, take measurements and gather other essential information. The member will receive recommendations that will help him or her decide on which system they would prefer to install. These professionals can also help a member evaluate the cause for a higher than normal bill and other energy concerns.
- **Online:** Use TogetherWeSave.com as a clearinghouse for energy-related videos, tips, links, and other useful energy information.

Energy Information: Adams Electric has a variety of printed pieces available to help members learn how to better manage their energy use. The main piece is the “101 Easy Ways to Save Energy and Money” brochure. A complete line of brochures, flyers and bill inserts individually explain the many products and services available from the cooperative. These are available at any Adams Electric office and online under the heading “My Publications.”



At energysavers.coop, find an online store where energy-saving lighting and other products can be purchased at a discount.

And finally, at filterchange.coop, purchase quality furnace filters in a wide range of sizes at a discount.

Energy Efficient Loans: Residential Adams Electric members may apply to finance the installation of solar panels or home energy upgrades at their home with a loan from National Cooperative Bank (NCB). This provides a flexible option for members to spread their cost over multiple years instead of having to make a large upfront cash payment. Options may include:

Heating/Cooling Systems:

- Heat pump systems, including geothermal;
- Central heating or central air conditioning system replacements, including Heat Pump Plus installations; and
- Off-peak installations (U-Shift, U-Şave).

Energy Conversion Systems:

- Solar, Wind, Hydropower, Biomass.

Weatherization Projects:

- Insulation for ceilings, walls, floors, heating and cooling ducts, water pipes and heaters
- Storm or thermal window and door installations,
- Attic ventilation fan installations.

Water Heater Rebate: The co-op offers rebates paid as bill credits for the purchase of new electric water heaters that are part of the U-Shift, U-Şave program. A one-time bill credit is available for those who convert an existing water heater to the U-Shift, U-Şave program.



INFORMATION/ADVOCACY



myenergy.adamsec.coop:

A subsection of Adams Electric’s main website, myenergy.adamsec.coop features all energy and money saving information. Find material on products, services and programs designed to save you energy and money. Or get an inside look at your

energy use at your home or business.

.ACRE/Co-op Owners for Political Action:

This non-partisan political action committee funnels financial contributions from co-op members to those legislators who actively support issues of importance to electric cooperatives. Co-op Owners is a part of the Action Committee for Rural Electrification (ACRE), a political action committee that has collected contributions from co-op employees and directors across the nation since 1966. To participate, contact the co-op and ask for a Co-op Owners application. Participation costs as little as \$2.08 a month and can be deducted automatically from your electric bill.



Electronic Alerts: Residential members and business account holders may sign up to receive email alerts about the latest news, off-peak savings, planned outages and changes to products and services. Register online at adamsec.coop.

Penn Lines Magazine: This monthly publication is sent to members because one of the business principles of a cooperative is to educate and inform co-op members. *Penn Lines* spotlights member achievements, provides official notice of co-op activities and highlights Adams Electric's role in the communities it serves.



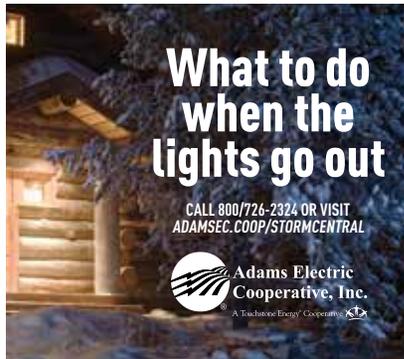
SmartHub: This online service is the co-op's electronic gateway for online account management. Manage payments, report an outage, report account and service issues, and monitor usage through **adamsec.smarthub.coop** or download the app through your smart phone or tablet's app store.

Manage your bill.
View your use.



Starting Lines Newsletter: This quarterly publication is sent to members with their bills and highlights the many products and services available to members. This is the place where members may start their research of the resources provided by the cooperative they own.

Outage Map/Storm Central: This online service provides a real-time look at the number of members with power interruptions, based on county, municipality or ZIP code. Also, find tips on how to prepare for storm situations and information on how power is restored during emergencies at the Storm Central section of **adamsec.coop**. Call 800/726-2324 during an emergency.



Volunteer Opportunities: Adams Electric is always looking for members willing to give their time, effort and expertise to serve on its Credentials & Election Committee, Member Advisory Committee or Scholarship Committee. To participate visit **adamsec.coop** and click on "Be a Co-op Volunteer," under "My Co-op," or request a volunteer brochure from any co-op district office.

PREFERRED HEATING & COOLING



Air-Source Heat Pumps: During cold weather, an air-source heat pump absorbs heat from the air outside and transfers it indoors. During warm weather, the pump extracts heat from inside a building and pumps it outside. Heat pumps are especially efficient in spring and fall, when there may be a need for both heating and cooling comfort.

Stored Heat: Electric Thermal Storage (ETS) room units are designed to use off-peak electricity for heating a specific space in member's homes (living room, family room, bedroom or basement). During off-peak hours, when electricity costs are lower, an electric coil heats high-density ceramic bricks inside the unit. Properly sized, the bricks can store heat for up to 12 hours. The stored heat is released to warm the home during peak hours when rates are highest.



Note: An option for members with hot water baseboard would be an ETS Hydronic Unit, utilizing off-peak energy.



Heat Pump Plus: The Heat Pump Plus system combines an air-source electric heat pump and an interruptible electric thermal storage (ETS) unit. Ceramic bricks inside the ETS booster are heated electrically, off-peak. The ETS acts as a backup to the heat pump when the outside temperature drops below a certain point. It also monitors the temperature of the discharging air to assure maximum comfort.

Ground-Source Heat Pumps: A geothermal or ground-source heat pump has the lowest operating cost of any heating or cooling system on the market. Using ponds, well water, or underground loops in bore holes or trenches, the units collect heat from the ground in the winter and disperse heat into the ground during the summer.



ENERGY SERVICES

Aero Energy: Adams Electric’s subsidiary Aero Energy specializes in the sale and the professional installation of propane-powered backup generators. Aero is a certified, warrantied service center for permanent generators fueled by propane and natural gas. They sell, install and service the Generec brand of permanent generators. Call 800/998-4311 or visit aeroenergy.com for more information.



Business Advisor: The “Business Advisor” section of adamsec.coop can be found under “Useful Energy Links,” under “My Energy Savings.” It has energy-saving assistance for member commercial/ industrial accounts. These services include access to information on energy audits, energy calculators, value engineering, process audits, power factor analysis, and historical and daily load profiles.



CFL/LED Recycling: The co-op has been recycling members’ used, intact compact fluorescent light bulbs (CFLs) since 2010 and used, intact light-emitting diodes (LEDs) since 2016. Residential members may exchange two CFLs and receive one LED, receiving up to five LEDs per visit. Spent LED bulbs will be exchanged at a one-to-one ratio. These must be exchanged at a district office of the cooperative, or a membership meeting.

Electric Car Charging: If you purchase a plug-in electric vehicle, please notify Adams Electric so the equipment serving your house can be properly sized. Undersized transformers can overheat and cause power outages. The co-op also suggests that the vehicle be charged during off-peak hours through the cooperative’s U-Shift, U-\$ave program.

Give the Gift of Electricity: If a member would like to give the gift of electricity to another co-op member, the cooperative can either send you the certificate, or if the giver wishes to remain anonymous, Adams Electric will send an acknowledgment to the other member. Please allow 10 business days to process. Call 717/334-9211 or 888/232-6732 for more information or to purchase a gift certificate.

Kill-a-Watt Monitors: Members may borrow plug-in monitors for up to 30 days to monitor the electricity use of their appliances. We require a \$50 deposit when picked up, to be returned as a bill credit when the monitor is returned. Visit a district office to request one.

Indoor Lighting: The co-op’s “See the Light” brochure is your energy saving guide to lighting. More information on lighting is available at myenergy.adamsec.coop. In addition, the co-op’s energy use specialists can visit your home and suggest the best lighting options for you.

Comparisons between Traditional Incandescents, Halogen Incandescents, CFLs and LEDs						
	60W Traditional Incandescent	46W Energy-Saving Incandescent	15W CFL		12W LED	
			60W Traditional	60W Halogen	60W Traditional	60W Halogen
Energy \$ Saved (%)	-	~25%	~75%	~65%	~75%-80%	~72%
Annual Energy Cost*	\$4.80	\$3.50	\$1.20		\$1.00	
Bulb Life	1000 hours	1000 to 3000 hours	10,000 hours		25,000 hours	

*Based on 2 hrs/day of usage, and electricity rate of 11 cents per kilowatt-hour, shown in U.S. dollars

Source: energy.gov

Area Lighting: The cooperative offers LED outdoor lighting products to serve our members’ needs. In general, the cooperative will install, without charge, a light fixture and up to 150 feet of overhead wire at a location where an existing pole is located and where 120 volts of power is available. If a pole needs to be installed to support the light or if a transformer needs to be installed to feed the light, an extra charge will be billed to the member. If more than 150 feet of wire is required or if additional poles are needed to feed the light, any additional costs will be paid by the member requesting the light. If an existing pole must be upgraded, or if facilities on an existing pole must be rearranged to accommodate the light, the member will pay the costs for those improvements. Any member requesting lighting service must take the service for a minimum of 12 months.

Project Helping Hand: A voluntary member contribution program, PHH provides limited funding—payable through community agencies in each district—to those who need help paying their electric bills. Each year, members are invited to donate by allowing their monthly bills to be rounded up to the next even dollar amount with the difference going to PHH. Members may also make one-time donations to the fund or turn over their patronage capital money (also known as “Ownership Rewards”) to PHH. Members may start or stop their participation at any time by notifying the cooperative.



Surge Protection: A line of quality power surge protection products is offered to protect a member’s home electronic items from surges through electric, phone, cable or satellite dish lines. The products also include protection for major appliances.

SurgeHELP: Monthly surge protection insurance plans are available to co-op members to provide residential repair and replacement protection for damages resulting from electrical surges and over-voltages. SurgeHELP covers electrical damage (up to your selected level of coverage) due to any electrical surge entering your home.

An optional benefit for members, coverage begins at \$1,000 per year and rises in \$1,000 increments to a maximum of \$5,000 per year. Monthly payments begin at \$3.50 for the \$1,000 minimum coverage and rise by \$1.50 per \$1,000 to a maximum monthly payment of \$9.50. Payments are added to your monthly electric bill. Members may cancel the service at any time.

Vegetation Management: The co-op operates a comprehensive right of way maintenance program. The practice includes cutting or trimming trees and vegetation, as necessary, when it is found to be growing under power lines or in our easement areas. Among other positive benefits, this allows the wires to fall to the ground, activating installed protective devices so lines do not remain energized, and also gives the line crew restoring power the ability to take corrective actions with unobstructed access, leading to faster, safer restoration. To learn more, request a program brochure by calling or visiting a district office.

COMMUNITY INVOLVEMENT

Community Development Loans: The Community Development Loan Fund program (CD Fund) helps to improve infrastructure and the quality of life in rural communities served by the co-op with low-interest loans to both public and non-profit organizations, including emergency services, municipal authorities, school districts, civic/social groups, and educational or healthcare entities. Projects are funded to create or improve community facilities which enhance education services, health and safety, economic conditions, or public safety.

Dry Hydrants: Adams Electric has created a dry hydrant manual to facilitate the proper installation of dry hydrants in rural areas. These hydrants are used by fire companies to draft water to fight fires in rural areas. Adams Electric has assisted with the installation of more than 150 dry hydrants. To order a dry hydrant kit or parts, please contact: ETT Fire, ETT, L.C.C., Stan Merrett, 751 Moon Branch Drive, Dadeville, AL 36853. Phone: 256/307-1433. Email: smerrett@charter.net.

High-Voltage Safety Demonstrations:

Adams Electric offers a full-size, mobile, high-voltage electric safety demonstration and safety equipment display both on- and off-site. These demonstrations are scheduled for school groups, firefighters, emergency service workers and other clubs and organizations. A minimum of 20 attendees is preferred. Contact the co-op’s safety/energy use department for more information or to schedule a demonstration. Learn more at adamsec.coop. Click on “Safety Demos,” under “My Community.”



Improvement Projects: Adams Electric assists fire companies and other civic organizations by digging holes and setting poles for community improvement projects, such as for fire sirens, signs, lights for athletic fields, and others. Call the cooperative for more information.

PSECU: As a benefit of cooperative membership, all families living on Adams Electric's lines can establish an account with the Pennsylvania State Employees Credit Union (PSECU). To get up-to-date rate information and learn more about other products and services from PSECU, visit psecu.com or call 800/237-7328. Should you choose to join PSECU, you will need to "Open an Account" at psecu.com and on the "Eligibility" page indicate that "My employer or association offers PSECU membership as a benefit" by selecting "Adams Electric Cooperative, Inc." from the available options.



YOUTH PROGRAMS

Careers: Adams Electric employees visit schools to explain what they do and show the equipment needed to do their jobs. Adams Electric also encourages students to participate in job shadowing, work-study and internship programs offered through their schools.



Curriculum Support: Adams Electric provides teachers and youth groups access to science curriculum kits. The kits have lessons in energy, electricity, safety, energy efficiency and renewable energy sources along with teacher resources. Adams Electric also supports the *Newspaper in Education* program which provides newspapers to participating schools as an educational tool in the classroom.

Envirothons: Adams Electric works with the Adams, Cumberland, Franklin, and York County Conservation District coordinators to sponsor their annual Envirothons, held in the spring and involving hundreds of local school students. The co-op also assists with providing funding for t-shirts for participants in these events.



Tabletop Safety Demonstrations: The co-op has a table-top safety demonstration geared toward fourth and fifth-graders. Groups may visit the co-op or employees can visit a location to

present the demo along with a safety video and a showing of line worker safety equipment. This program is also available to camp groups, clubs and other youth organizations. A minimum of 20 attendees is preferred. Contact the co-op's safety/energy use department for more information or to schedule a demonstration. Learn more at adamsec.coop. Click on "Safety Demos," under "My Community."



Scholarships: Adams Electric uses unclaimed Ownership Rewards money to fund scholarship programs for high school seniors headed to college and for adults going back to school. More information is located under "My Education," "Scholarships" at adamsec.coop. Applications are accepted each winter from high school seniors and each spring from adults. Applicants should pay particular attention to the varied options and instructions for applying.

In addition, adamsec.coop has information about the *Jody Loudenslager Memorial Scholarship*, available for any college-bound or college student who participated in the National Rural Electric Youth Tour program. Information is also available for the *Pennsylvania Rural Electric Association (PREA) Scholarship Trust Fund in Memory of William F. Matson* for sons and daughters of members and employees of electric cooperatives in Pennsylvania and New Jersey who belong to PREA. There is also a national scholarship program available to Youth Tour alumni through the National Rural Electric Cooperative Association (NRECA).



Youth Tour: Adams Electric annually sponsors local high school juniors on the National Rural Electric Youth Tour. This week-long trip to Washington, D.C. is a memorable experience for the more than 1,600 students from more than 43 states who participate. Information about Youth Tour is provided to high school guidance counselors throughout Adams Electric's service territory. Information is also located under "My Benefits," then "Youth Tour" at adamsec.coop.

ADAMS ELECTRIC COOPERATIVE	1338 Biglerville Road , P.O. Box 1055, Gettysburg , PA 17325-1055
GETTYSBURG DISTRICT:	1380 Biglerville Road, Gettysburg, PA 17325 717/334-2171
SHIPPENSBURG DISTRICT:	10 Duncan Road, P.O. Box 220, Shippensburg, PA 17257 717/532-2214
YORK DISTRICT:	200 Trinity Road, York, PA 17408 717/792-3666
<i>ADAMSEC.COOP</i>	
IN AN EMERGENCY, CALL: 800/726-2324	
FOR SERVICES/BILLING, CALL: 888/232-6732	

Please recycle.

March 2018



**Adams Electric
Cooperative, Inc.**

® A Touchstone Energy® Cooperative 

This institution is an equal opportunity provider and employer.