

ENERGYWISE

YOUR SAN MIGUEL POWER MEMBER NEWSLETTER



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Both Offices Open:
M - TH • 7:00am – 5:30pm

www.smpa.com
www.facebook.com/SanMiguelPower

In the event of a power outage, contact your local SMPA office to reach our 24-hour dispatch.

QUESTIONS OR COMMENTS

energywise@smpa.com
(970) 626-5549 x2120

SAFETY TIPS

BE SAFE FROM ELECTRICAL FIRES:

- Only plug one heat-producing appliance into an outlet at a time.
- Keep your used and unused cords tidy and secure to prevent damage.
- Ensure that all your exhaust fans are clean to prevent fire hazards.

San Miguel Power Association is an equal opportunity provider and employer. In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Person with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202)720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800)877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at http://www.ascr.usda.gov/complaint_filing_cust.html and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call

(866) 632-9992. Submit your completed form or letter to USDA by:

(1) mail: U.S. Department of Agriculture
Office of the Assistant Secretary for Civil Rights
1400 Independence Avenue, SW
Washington, D.C. 20250-9410;

(2) fax: (202) 690-7442; or

(3) email: program.intake@usda.gov.

USDA is an equal opportunity provider, employer, and lender.

FEATURE STORY

There's More Than One Way to Store Energy: Electric Thermal Storage and Time-Based Rates

Proactively timing household energy use can help lower costs, ensure balanced revenue recovery, and reduce carbon emissions, but how can electric consumers time their energy use in a cost-effective way, without sacrificing quality-of-life?

That's a question that some net-metered (rooftop solar) members are asking, as the possibility of an SMPA time-based rate grows. Net-metered members stand to realize significant savings if they can pair their generation systems with energy storage, allowing them to offset expensive, on-peak (4-9 PM) electricity with stored solar power that was generated relatively cheaply, during the day. With the rise in popularity of lithium-ion batteries (due to their use in electric vehicles and products like the Tesla® Powerwall) many are investigating electric batteries as a storage solution.

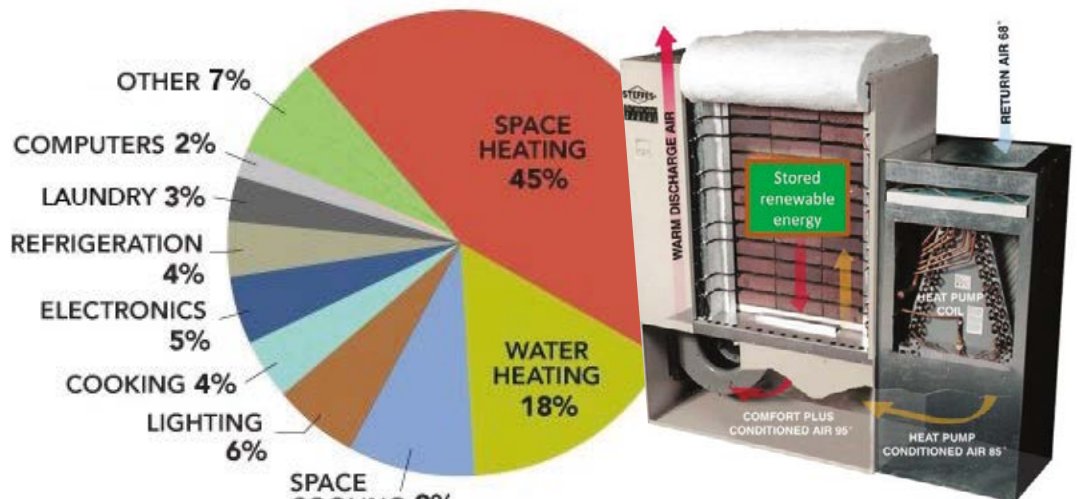
But there's more than one way to store energy...

According to the U.S Department of Energy, nearly half of energy used in U.S. Households is for climate control. For us, in the winter, that means space heating. There exists a technology that allows cheap solar energy to be stored as heat, and then deployed when the sun goes down. These appliances are called Electric Thermal Storage (ETS).

These systems use electric heating elements to convert solar electricity into heat, which is then stored in materials like ceramic bricks or water. This stored heat is released when needed, providing a reliable heat source without drawing electricity during peak times. An ETS system can be integrated into a home's heating system. This can include ETS furnaces, room heaters, or water heaters. Moreover, the price of an average ETS system can be less than a quarter of the cost of lithium-ion batteries serving a similar purpose.

If SMPA does implement a time-of-use (TOU) rate, it may put net-metered members in a position to save money for themselves, lower rate pressure for their neighbors, and limit carbon emissions of the grid that serves them. Additionally, due to ETS's low upfront cost—compared to lithium-ion batteries—these consumers can break even in relatively short order, thereby increasing their return-on-investment.

Leveraging ETS technology may be a strategy to gain multiple benefits under a time-based rate. It's just one more way that we say, "Timing Matters."



Source: U.S. Dept. of Energy, Energy.gov



GIVE BLOOD |

vitalant.org

WEDNESDAY, AUGUST 21
11:30 A.M. - 3:00 P.M.
170 W. 10TH AVE., NUCLA



Summer Sounds in Silverton

If you happen to be strolling by Memorial Park in Silverton, on the 2nd Friday of the month this summer, you're sure to be treated to some sweet sounds. The Silverton Summer Sounds Series, presented by the Town of Silverton, has offered food, libations, free live music and a sense of community and camaraderie for the past six years, and the excitement has officially caught on.

As an applicant for a SMPA Community Focus Donation, the popular concert series highlights its family-friendly appeal to locals and visitors alike. "SMPA's funding is an absolutely critical component for producing a high-quality, professional concert series," says Lisa Branner, Executive Director of the non-profit Silverton Creative District (SCD), which presents Summer Sounds. "The series strengthens Silverton's social fabric, providing free opportunities for community members of all ages, socioeconomic backgrounds and walks of life to gather, build connections and enjoy cultural experiences together."

The music series is only part of a greater arts movement in the mountain town. SCD also offers a First Friday Art Walk, a multi-day arts festival called Silverton Creates!, and a winter holiday bazaar, called the "Mistletoe Market." Seeking both to enhance the quality of life in



Silverton and to diversify and strengthen its economy, the SCD holds to the notion that developing a stronger arts presence in Silverton will create a more diversified economy.

As a partner dedicated to promoting community vitality, SMPA is proud to support the Summer Sounds series. By the way, thanks, also, to our cooperative partner, Basin Electric Power Cooperative for matching our donation dollar-for-dollar. More power to the Silverton Artists and their worthy cause!



Professional Excavators!

Are you planning to dig within the SMPA service territory? Make sure to follow these steps:



NOTIFY

Call 811 or make an online request at least 2-3 days before work begins.



WAIT

2 days not including the day of notice.



CONFIRM

Confirm that all affected utility operators have responded to your request and located accurately.



RESPECT

Respect the utility marks (paint or flags).



DIG CAREFULLY

Dig carefully. State laws generally prohibit the use of mechanized equipment within 18-24" on all sides of a marked utility.

Learn more at Call811.com/Start-Here/Excavators

Look Up and Live!

Operators of equipment that can extend beyond 14 ft.: One of the most important rules to follow when working around power lines is simple: LOOK UP. Know where the power lines are and stay away from them.



SMPA REBATES:

LOWERING THE BARRIER TO SAVINGS

Whether you're looking to save energy, money or the environment, SMPA has rebates for it.

\$ BENEFICIAL ELECTRIFICATION

\$ ENERGY EFFICIENCY

\$ RENEWABLE ENERGY



See how you can save at: www.smpa.com/energy#berebates



OUR OFFICES WILL BE CLOSED Monday, September 2nd
Basic services always available at: smpa.smarthub.coop/Login.html

SMPA POWER PLAY

THIS MONTH'S PUZZLE:
GO TEL R CIRCLE MASTER HEAT
Hint...The heat is on

Last Month's Answer: SMARTHUB NOTIFICATIONS

SUBMIT YOUR ANSWER and be entered into a drawing for a fun prize to:

EnergyWise
PO Box 1150
Ridgway, CO 81432

