



The Energy Insider

A BIMONTHLY PUBLICATION OF MIDLAND POWER COOPERATIVE

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Fandel retires after 30 years at Midland Power

Midland Power Cooperative is saying goodbye to Senior Vice President of Business Operations Norm Fandel, who is retiring after 30 years with the co-op.

Fandel began his co-op career as a lineman for Muscatine Power and Water in 1976. Three years later he moved to Calhoun County Electric Cooperative.

After 10 years as a lineman with Calhoun County, Fandel transitioned into their marketing and services department. His passion for community made him a natural fit in his new role where he worked to expand the co-op's efficiency and education programs, delivering innovative solutions for Calhoun's members.

Fandel joined Midland Power in 1992 shortly after the co-op's creation as the director of marketing and member services.

Once at Midland, Fandel focused his efforts on promoting home electrification, showcasing the cutting-edge technologies of the time, such as ground source heat pumps and high efficiency water heaters.

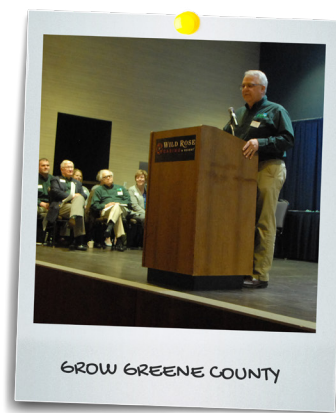
Fandel was also instrumental in building the co-op's economic development



IADG IMPACT AWARD



NORM FANDEL



6ROW 6REENE COUNTY

Midland Power's Senior Vice President of Business Operations Norm Fandel is retiring after 30 years with the co-op.

program, attracting and retaining new businesses. Thanks to his efforts, Midland Power has been able to help locate dozens of new employers to the area.

Midland's economic development program has been consistently recognized as among the best in the state.

In April 2014, Midland and Fandel received the Iowa Area Development Group's (IADG) Impact Award for project development.

Many of the businesses Fandel has

assisted have also been recognized by IADG, receiving the group's Venture Award.

Throughout his career, Fandel has been active in a number of civic and industry organizations. In addition to his volunteering on the board of Grow Greene County, where he served as president in 2018, Fandel is also finishing his sixth year on the Touchstone Energy Cooperative national advisory board.

In that role, he helped shape the

organization's communications programs, used by more than 700 electric cooperatives around the country.

Fandel points to receiving a National Rural Electric Cooperative Association's Spotlight on Excellence award as amongst the highlights of his career.

Developed in conjunction with several other Iowa electric cooperatives, Fandel's "Power Olympics" energy efficiency program received the organization's top honor. The program was later adopted by Touchstone Energy and used by electric cooperatives nationwide.

"I'm very fortunate and grateful to have had the opportunity to serve Midland's members," Fandel said. "The last 30 years have been a fun trip."

Fandel says he's looking forward to spending more time with his family and friends, playing golf, going fishing, and travelling.

His last day is April 15.

Midland Power, Corn Belt Power help CNI Ag expand to new distribution center in Iowa Falls

CNI Ag Independent Retailers, a nationwide distributor of crop protection products, has announced plans to open a new distribution center in Iowa Falls.

The company recently purchased a 20,000 square-foot spec building owned by the Iowa Falls Development Corporation (IFDC).

The building was constructed using funds loaned to IFDC by both Midland Power Cooperative and wholesale power and transmission provider Corn Belt Power Cooperative. Midland loaned IFDC more than \$370,000 for the project through a combination of a United States Department of Agriculture pass-through



CNI Ag Independent Retailers recently acquired a spec building in the Southview Industrial Park from Iowa Falls Area Development Corporation.

loan and the co-op's own revolving loan fund, used to support projects that result in economic development and quality of life improvements throughout the service territory.

The center will include bulk handling and

re-pack capabilities to help CNI keep up with the rapid growth in demand from their current retailers, as well as position them to supply future retailers in the region.

CNI currently operates facilities in Maryville, Mo. and Lincoln, Ill.

"Iowa Falls Area Development, together with the City of Iowa Falls, Midland Power Cooperative, and Corn Belt Power Cooperative, are pleased that CNI has selected Iowa Falls to be the location of its new distribution center. We believe CNI will be a great corporate citizen, business, and employer to our area," said Mark Buschkamp, Iowa Falls Area Development executive director.

Scholarships awarded to area students

Midland Power recently awarded \$3,000 in scholarships to deserving area high school students.

Stren Crouch of Algona was awarded a \$1,000 Midland Power scholarship to help fuel his dream of designing space exploration crafts.

Crouch will graduate from Algona High School this spring and is involved in basketball, track, baseball, national honors society, and 4-H.

Crouch plans to enroll at Iowa State University in the fall and study aerospace engineering.

Kylie Skow of Wesley was also awarded a \$1,000 Midland Power scholarship.

Skow plans to pursue a degree in entrepreneurship with a minor in culinary food science. Her goal is to create a successful career as a restaurateur.

Skow will graduate from Algona High School in the spring where she has been active in basketball, speech, theater, student council, and national honor society.

She plans to attend Iowa State University in the fall.

Derek Peng of Ames was awarded a \$1,000 Basin Electric Power Cooperative scholarship.

Peng will graduate from Ames High School where he played on the golf and

Geothermal advocates call for greater adoption, advocacy

Geothermal advocates from around Iowa gathered in Altoona February 23-24 to learn about the latest industry developments and call for greater adoption of ground source heat pumps.

More than 100 utility and HVAC professionals attended the Iowa Geothermal Associations annual meeting to discuss the advantages of geothermal heating and cooling systems and how widespread implementation of the technology could help cut carbon emissions while also saving homeowners and businesses money on their

utility bills.

"For every kilowatt of electricity you can get to a ground source heat pump, you can move the equivalent of five or six kilowatts worth of heat out of the ground," said Steve Koep, the founder of the Beneficial Electrification League (BEL). "It provides significant cost savings for customers over time."

Koep founded BEL in 2018 to promote policies and technologies that increase sustainability, efficiency, quality of life, and

See GEOTHERMAL, Page 2



From left: Ryan Dougherty, president of the GeoExchange Organization; Roger Hammen, Midland Power; and Steve Koep, founder of the Beneficial Electrification League.

See SCHOLARSHIPS, Page 2

Good, Clipperton join Midland Power team

Midland Power recently welcomed our two newest employees.

Tabitha Good joined Midland in February as a member care specialist in the Boone office.

Good comes to Midland from Iowa Lutheran Hospital, where she worked as a cardiology tech.

Good grew up on a farm outside of Indianola. As a teen she began showing Belgian draft horses at the Iowa State Fair with her father. Since then, she's continued to show most years at the state fair and regularly shows at events around the region including the Britt Draft Horse Show.

Good resides in Ogden with her husband Joshua, their three children, Ryder, age 12; Arlowyn, age 8; Hazen, 9 months; and their two dogs and 12 horses.



Tabitha Good



Peyton Clipperton

Peyton Clipperton joined the Jefferson Service Center in February as a 1,000-hour apprentice lineman.

Clipperton grew up in Bayard and attended Northwest Iowa Community College's Powerline program before joining Highline Construction.

While not working, Clipperton enjoys fishing, working out, and spending time with his friends and family.

Clipperton currently lives in Bayard with his parents, Daniel and Tracy, and his sister Hailey Cook.

GEOTHERMAL

Continued from page 1

foster a more resilient electric grid.

According to the Geothermal Exchange Organization, a non-profit industry trade group, geothermal systems have the potential to save homeowners more than \$1,400 on their utility bills annually when compared to standard heating and cooling systems.

Midland Power, along with wholesale power providers Central Iowa Power Cooperative and Corn Belt Power Cooperative, helped sponsor the event.

To learn more about ground source heat pumps and whether it makes sense for your home or business, call our member service department at (800) 833-8876.

Winter disconnect moratorium ends April 1

Please note: the winter disconnect moratorium ends April 1, 2022. If your account(s) is past due and you have not made payment arrangements by March 31, you will be subject to disconnection of your electric service.

To avoid disconnection, you must pay your electric bill in full by April 1, or request a reasonable payment agreement for your past due account(s).

Call Midland Power at (800) 833-8876 if you have any questions.

Conference educates Iowa contractors, builders on energy efficiency practices

Nearly 200 contractors, builders, and employees from Iowa's electric cooperatives attended the Momentum is Building conference, held February 3-4 in Altoona.

Sponsored by the Touchstone Energy Cooperatives of Iowa, the annual conference promotes energy efficiency building concepts and provides valuable continuing education units for electricians, plumbers, and HVAC professionals.

Vendors and exhibitors were also on-site to share new trends and products

related to residential and commercial energy efficiency.

The event enabled Midland Power's member services team to connect with local area building professionals, helping to educate them about efficient building practices and promote the co-op's rebates and builder incentives.

The annual conference is organized by Iowa's generation and transmission cooperatives, including Midland's wholesale power providers, Central Iowa Power Cooperative and Corn Belt Power Cooperative.



Midland Power's Larry Beilke visits with Duane Zeller, owner of Hoag's Plumbing, Heating, and Electrical of Humboldt, during the Momentum is Building conference.

SCHOLARSHIPS

Continued from page 1

tennis teams, served as editor-in-chief of the spirit yearbook, and was the official athletics photographer.

Peng is still deciding where to attend school in the fall and is considering majoring in either mechanical engineering or economics.

Midland's scholarships are funded through unclaimed patronage.

Congratulations to this year's scholarship recipients and all our area graduates!



Stren Crouch



Kylie Skow



Derek Peng

RESIDENTIAL REBATES 2022

HEATING & COOLING

Geothermal Heat Pump
 New Unit: \$400/ton
 New Hybrid Unit: \$450/ton
 Replacement Unit: \$200/ton

Air Quality
 Heat Recovery Ventilators: \$125/unit

APPLIANCES

ENERGY STAR® Heat Pump Electric Clothes Dryer: \$100/unit

WATER HEATING

Marathon® Member Pricing*
 50-gallon: \$400 (standard)
 \$450 (short)
 85-gallon: \$575
 105-gallon: \$750
*Member pricing assumes all incentives/agreements and is not eligible for an additional rebate.

WEATHERIZATION & INSULATION

Home with Electric Heat
 Attic/Ceiling: 40% of cost up to \$600
 Wall: 40% of cost up to \$600
 Foundation: 40% of cost up to \$600
 Infiltration: 40% of cost up to \$200
 Duct: 40% of cost up to \$200
Maximum weatherization rebate per home per year: \$1000

Home without Electric Heat
 Attic/Ceiling: 20% of cost up to \$300
 Wall: 20% of cost up to \$300

Air Source Heat Pump (ASHP)
 Less than 15 SEER Unit: \$200/ton
 15+ SEER Unit: \$350/ton
 Hybrid Unit: \$350/ton*

Cold Climate NEEP Cert. Unit: \$350/ton**
*Must sign future load control agreement for hybrid units.
 **NEEP Certified units can be found at www.neep.org

NON-MARATHON ELECTRIC WATER HEATER REBATES

Heat Pump Integrated Unit: \$300
 Electric Resistance 45-79gal.: \$250
Must have Energy Factor (EF) of 0.94+
 Electric Resistance 80+ gal.: \$400
Must have Energy Factor (EF) of 0.92+

VISIT OUR WEBSITE

For more information and to apply:
www.midlandpower.coop/rebates

Your Touchstone Energy® Cooperative



Help reunite these "lost members" with their dividends

We mailed patronage dividend checks to the following individuals and businesses at the addresses we had on file, but they were returned as undeliverable. If you are still in contact with any of these former "lost members," please have them call Dana at (515) 709-3907 or (800) 833-8876 to provide a current address. Thank you!

ADAMS, TERRY & SAMANTHA NEVADA, IA
 ANDERSON, BRYON ROLAND, IA
 ANDERSON, KEVIN & DIANE. CHINO VALLEY, AZ
 ANDERSON, TRACY GRAND JUNCTION, IA
 AVERY, EVAN & RODGANA LENEXA, KS
 BARNES, FORREST AMES, IA
 BAUER, WAYNE CUMMING, IA
 BECKER, ROBERT & MARY WESLEY, IA
 BERGSTROM, PAT IOWA CITY, IA
 BITTNER, PAULA MARSHALLTOWN, IA
 BLATTEL JR., LEONARD POLK CITY, IA
 BLEICH, LEWIS & HAZEL ALGONA, IA
 BLOCK, KENNETH & AMY BOONE, IA
 BLUNT, ANN WEST DES MOINES, IA
 BOCHMANN, PAUL GILBERT, IA
 BORESI, JOE & BEVERLY BOONE, IA
 BORESI, SHERRI AMES, IA
 BORRUSCH, NELL CLIVE, IA
 BRANDT, ARLENE AMES, IA
 BREVIK, ERIC & LISA VALDOSTA, GA
 BROMM, JAMES DAYTON, IA
 BROWN, DARYL OGDEN, IA
 BROWN, HILARY STRATFORD, IA
 BROWN, RYAN & BONNIE AMES, IA
 BRYAN, RANDY & SHELLY AMES, IA
 BRZEZINSKI-SHREVE, ARLA AMES, IA
 CALDERON, SANTOS BOONE, IA
 CLINGAN, CHRIS WHAT CHEER, IA
 COCHRAN, KYM BUCKLIN, MO
 COFFMAN, BRANDI INDIANOLA, IA
 CONWAY, CASEY & BJ YALE, IA
 CRUM, EDDIE & LOWREE NEW MARKET, IA
 CRUSE, RICHARD ANKENY, IA
 D & B REAL ESTATE IOWA FALLS, IA
 DANLEY, WILLIAM SCRANTON, IA
 DAVIS, KAREN RINARD, IA
 DENEKAS, EDNA KAMRAR, IA
 DOBSON, DENNIS AMES, IA
 DORAN, MATT & AMANDA YALE, IA
 DUVALL, DIANE IOWA FALLS, IA
 EDSON, KELLI BOONE, IA
 EICHEN, GERALD & BETTE COLUMBUS, IN
 ELKHORN CONSTRUCTION... SERGEANT BLUFF, IA
 ERICKSON, DEAN & MELISSA BOONE, IA
 ERICKSON, KATHY HUMBOLDT, IA
 FAILLA, SAMUEL & LISA COLBY, KS
 FEHR, ANTHONY ALGONA, IA
 FEVOLD, JULIA FORT DODGE, IA
 FRANKOVICH, SAMANTHA AMES, IA
 FRANKS, KEITH PERRY, IA
 GARRITY, BEVERLY JEFFERSON, IA

GITTINGS, ROBIN WESLEY, IA
 GRAVEN, DON & JACKIE JEFFERSON, IA
 GRAVITT, JOLENE STORY CITY, IA
 GRONEMEYER, THOMAS & DOLORIS... AMES, IA
 HALDER, ALAN IOWA FALLS, IA
 HALL, DAVID PERRY, IA
 HART, WADE NEW ULM, MN
 HAWKINS, JAMES ALGONA, IA
 HAWTHORNE, MARK & SUSAN ... LAKE CITY, IA
 HEFFELMEIER, DEAN OTTUMWA, IA
 HEINRICH, SCOTT CARROLL, IA
 HELDT, ROGER & ANNA ACKLEY, IA
 HELMKE & MILLER IOWA FALLS, IA
 HELTON, DANIEL & BRANDY ALDEN, IA
 HENDRICKS, DARIN & KRISTINE. HUMBOLDT, IA
 HENSON, STEPHEN & STACY ... RADCLIFFE, IA
 HILGENDORF BUILDERS CLEAR LAKE, IA
 HILL, KYLA NEVADA, IA
 HILLEMANN, PAUL HUBBARD, IA
 HOELTING, LARRY HOT SPRINGS, AR
 HORGESHIMER, DARREL FENTON, IA
 HOUGE, CURTIS AMES, IA
 HOWARD, ROBERT AMES, IA
 HOYER, TROY & PENNY FORT DODGE, IA
 HUEN, BRANDON & CHANTE SLATER, IA
 HUENEKE, RIAN MADRID, IA
 HUMPAL, RANDALL URBANDEALE, IA
 JACKSON, JAKE PILOT MOUND, IA
 JAOMES, DEBPAJ NEVADA, IA
 JENSEN, CHRIS DECORAH, IA
 JOHNSON, MERLE & LISA MARSHALLTOWN, IA
 JOHNSON, LAURA WESLEY, IA
 JOHNSON, LOUISE STORY CITY, IA
 JOHNSON, PAUL & RUBY HUMBOLDT, IA
 JOHNSON, TAMMY WEBSTER CITY, IA
 JOHNSON, VERN & MARY HAMPTON, IA
 JONDLE, ROBERT & AMY OTHO, IA
 JONES, TIM OGDEN, IA
 JONES FLOORING INC. ANKENY, IA
 KABROSSY, BASSIM COUNTRY OF LEBANON
 KELLER, KATHLEEN ALGONA, IA
 KELLEY, RUSSELL & IRIS GLIDDEN, IA
 KERN, DEBORAH OMAHA, NE
 KINNEY, JASON & MELISSA ALDEN, IA
 KIRKPATRICK, DANIEL & WENDA AMES, IA
 KLATT, BETTY DOWS, IA
 KNIGHT, STEPHEN & KRISTIN ... URBANDEALE, IA
 KNOLL, TAMIE AMES, IA
 KOHUTH, PETER BAGLEY, IA
 KRULL, SHEILA STORY CITY, IA
 LAND INVESTMENTS INC. BOONE, IA

LANDALS, MICHAEL PERRY, IA
 LARSON, GREGG AMES, IA
 LARSON, NORMA ALGONA, IA
 LAUER, PAUL MACKSBURG, IA
 LAYMAN, WAYNE & LORI AMES, IA
 LEMASTER JR., RALPH MADRID, IA
 LOWMAN, KAREN BOONE, IA
 LOWRY, PAUL JEFFERSON, IA
 MAIER, LISA SAINT ANTHONY, IA
 MARSAU, BILL & STACY STANHOPE, IA
 MARTIN, CHRIS AMES, IA
 MCBURNEY, ALAN & ANGELA ... HUMBOLDT, IA
 MCCLOSKEY, JOANN & WILLIAM.. SAINT PAUL, MN
 MCGRATH, KEN HOTCHKISS, CO
 METVIER, ROSE BOONE, IA
 METZEN, MELISSA ALGONA, IA
 MEYER, JEREMY LAKE CITY, IA
 MILLER, BRIANNA GARNER, IA
 MILLER, PETER RACINE, WI
 MILLER, TRAVIS & JERUSA ... FORT DODGE, IA
 MONTGOMERY, MITCHELL ... FORT DODGE, IA
 MOONEY, CHARLES & AMY AMES, IA
 MORGAN, SHAWN EAGLE GROVE, IA
 MOUNT, JACKIE OGDEN, IA
 MULLEN, ASHLI MULLEN, IA
 MUMFORD, GARY MCCALLSBURG, IA
 MUMFORD, DARCI WAUKEE, IA
 MURRA, KEITH GRUNDY CENTER, IA
 MYAN GROUP INC. AMES, IA
 NC+ HYBRIDS LINCOLN, NE
 NEELY, MALLORY ROLAND, IA
 NOKOMIS MACHIINE HBT INC ... HUMBOLDT, IA
 OLMSTEAD, BRYAN MADRID, IA
 OLSEM, CATHERINE SLATER, IA
 ONEALL, DAMON ALGONA, IA
 OSMUNDSON, PHYLLIS RADCLIFFE, IA
 OSWALD, JOHN SAN ANTONIO, TX
 PAULSON, AUDRE BOONE, IA
 PEPPER, JERRY VAN WERT, IA
 PHILLIPS, ELIZABETH PILOT MOUND, IA
 PHIPPS, BILL & ANDREA STRATFORD, IA
 PHIPPS, VICKI STRATFORD, IA
 PLEASANT PORK ELDORA, IA
 PROCHASKA, TRAVIS IOWA FALLS, IA
 PRUGH, DONNA GRIMES, IA
 PURDY TRUST FARMS HUMBOLDT, IA
 R FRIEDRICH AND SONS AMES, IA
 RAY, RANDY BOUTON, IA
 RECTENBAUGH, DAVID & AUDRA ADEL, IA
 REETZ AND SONS CONST. POLK CITY, IA
 RIMATHE, DAVE & HOLLY ANKENY, IA

ROSSKOPF, THOMAS/KATHY PANORA, IA
 RUBY, TERRY & DEBORAH STRATFORD, IA
 RYMAN, MISTY BOONE, IA
 SANKOVITCH, JOHN & JILL AMES, IA
 SCHMIDT, WENDY WEST BEND, IA
 SCHNITTJER, RODNEY & BETH ... CLARION, IA
 SCHUNEMAN, JASON STEAMBOAT ROCK, IA
 SEVERSON, GRANT AMES, IA
 SHEIRBON, GARY ALGONA, IA
 SHIMON, RICH & TAMMY HUMBOLDT, IA
 SHIPMAN, PHILLIP & DONNA MOULTON, IA
 SILVEY, BRENDA DAYTON, IA
 SLETTEN, MARY & ALAN AMES, IA
 SMEKAL, RENE & CORA WEBSTER CITY, IA
 SMIDT, ENKO FRIDLEY, MN
 SMITH, STEVEN AND NORMA PERRY, IA
 SOIBEL, PHYLLIS GRIMES, IA
 SQUIRE, ROBERT DES MOINES, IA
 STELLMAKER SERVICES STORY CITY, IA
 STRABLE, RUSTY & CHRIS PALMER, AK
 STRACHAN, GARY HUMBOLDT, IA
 STRACHAN, JAMES & CHARLES (TRUST) .HUMBOLDT, IA
 STUMBO, ROBERT & LORRAINE AMES, IA
 SUMMERS, BRIAN & WENDY STORY CITY, IA
 SUTHERLAND, CAMERON BAGLEY, IA
 SWART, MICHELE MESA, AZ
 SWENSON, SAM & DEANA FARRAGUT, IA
 TAYLOR LAND MANAGEMENT ... FORT DODGE, IA
 TERPSTRA, TIM & ANNIE PELLA, IA
 THELEN, THOMAS ALDEN, MN
 THORPE, TONYA MOUNTAIN HOME, AR
 TOWLERTON, JENNIFER MADRID, IA
 ULRICH, BEVERLY IOWA FALLS, IA
 VANDERLOOP, ANTHONY IOWA FALLS, IA
 VENTEICHER, NICK COON RAPIDS, IA
 WADE, JAMIE & MARTHA DES MOINES, IA
 WALDERA, BRIAN & BRISTAL JEWELL, IA
 WALTERS, RUSSELL GAINESVILLE, FL
 W.E. MORGAN AND SONS ELDORA, IA
 WILDT, JACOB BOONE, IA
 WILLIAMS, JOE & KIMBERLY BELVIDERE, IL
 WILLIAMS, KAREN AMES, IA
 WIRELESS LAND LP DALLAS, TX
 WIRTH, DENNIS & MICHELLE OGDEN, IA
 WOLFE, ANGIE PERRY, IA
 YORGENSEN, LORRAINE RANDALL, IA
 YORK, ALLEN BOONE, IA
 YOUNG, LARRY DES MOINES, IA
 ZEINER, MATT & JESSICA BEAMAN, IA

Community Solar provides better solar option for most members



By Roger Hammen
Member Service Rep.
Midland Power
Cooperative

Here at Midland Power Cooperative, we get a lot of inquiries from members considering their solar power options. That's not surprising given the large number of companies advertising solar systems, and often promising unrealistic savings. With so many misleading claims, how can members determine whether buying a solar system is actually a smart investment?

By making Midland Power your first stop when considering solar or other renewable options, we'll help you cut through the noise and provide you with accurate information and data. Our member service team is here to provide you access to critical usage information for your home or business. We can help you calculate the true payback of the system you're considering.

Unfortunately, most solar companies will only factor in two to three years of usage information as a simple way of sizing a solar system. They may also not consider Midland's correct rate structures and may use higher rate scenarios to make a system's payback more attractive. As many homeowners have learned the hard way, there is much more to properly sizing a system than simple kilowatt-hour usage.

Demand components and time of power usage can play a major part in accurately

sizing a system. At Midland Power, we can access and sort through this information using our smart metering technology, providing you with a much more accurate picture of your true usage.

Often, the time of day you use power is a major factor in determining whether a solar array is cost effective. For example, if most of your power requirements are needed late in the day or into the evening, it's unlikely a personal solar array will make economic sense.

Another important consideration is the cost of battery storage systems. While battery technologies have come down in price in recent years, they remain expensive. Frequently members make sizable investments in battery storage only to find they never recover those up-front costs. Solar bids also rarely include additional costs relative to equipment depreciation, insurance, taxes, repairs, or degradation.

There are also important physical factors to consider. Shade caused from nearby obstructions such as trees or silos, along with excessive dirt from gravel roads or harvesting equipment, can greatly hamper a system's potential for maximum production. Limited space and roof integrity from the added weight load must also be considered.

While some unscrupulous solar installers will mislead members into believing their excess energy production will be purchased at the retail rate, this isn't the case. Instead, any excess electricity the customer returns to the grid is purchased at our avoided cost, a rate far less than often promised. Obtaining these types of accurate calculations play

a huge role in determining long term economic feasibility.

Once all these factors are considered, most small-scale renewable projects simply don't pencil out. However, for members looking for a more financially attractive option, Midland Power offers a community solar program.

As a member, you can simply purchase one or more solar panel subscriptions on our 147 kilowatt photovoltaic solar array, located adjacent to our Iowa Falls service center.

The amount of energy produced from the subscribed panels is deducted from your monthly bill at the same retail rate that you are paying. Best of all, you will not incur any installation and equipment fees, nor will you ever need to consider tax ramifications, equipment repairs, depreciation, or insurance.

In many cases our community solar program makes more economic sense than personal arrays since production levels can be higher and return on investment can be greater.

It is wise to be skeptical when considering a solar investment as many vendors are not able – or willing – to supply you with accurate, real-world data. When you come to Midland Power and Iowa Choice Renewables, you will get honest, accurate information to help guide you in making informed choices.

For more information, please visit iowachoice Renewables.com or give one of our member service representatives a call at (800) 833-8876. We're happy to help our members make the renewable choice that's best for you and your pocketbook.

Learn about
Community Solar with
Midland Power Cooperative

Looking to "go solar" but don't want the hassle of installing your own system?

Midland Power Cooperative's Community Solar Program offers members an affordable alternative to traditional renewable energy systems.

Learn more at
MidlandPower.coop/CommunitySolar
or by calling one of our knowledgeable member service representatives at (800) 833-8876.

Planning for a new grain bin?

If you're thinking about constructing a new grain bin this season, Midland Power Cooperative is here to help. We can work with members to help ensure the new bin is safely located, providing plenty of clearance from any nearby power lines.

The State of Iowa requires specific clearances for electric lines around grain bins, with different standards for those filled by portable and permanent augers, conveyors, and elevators.

The images below include a drawing of the specific clearances required for both scenarios. If you have any questions concerning the drawings, please contact us.

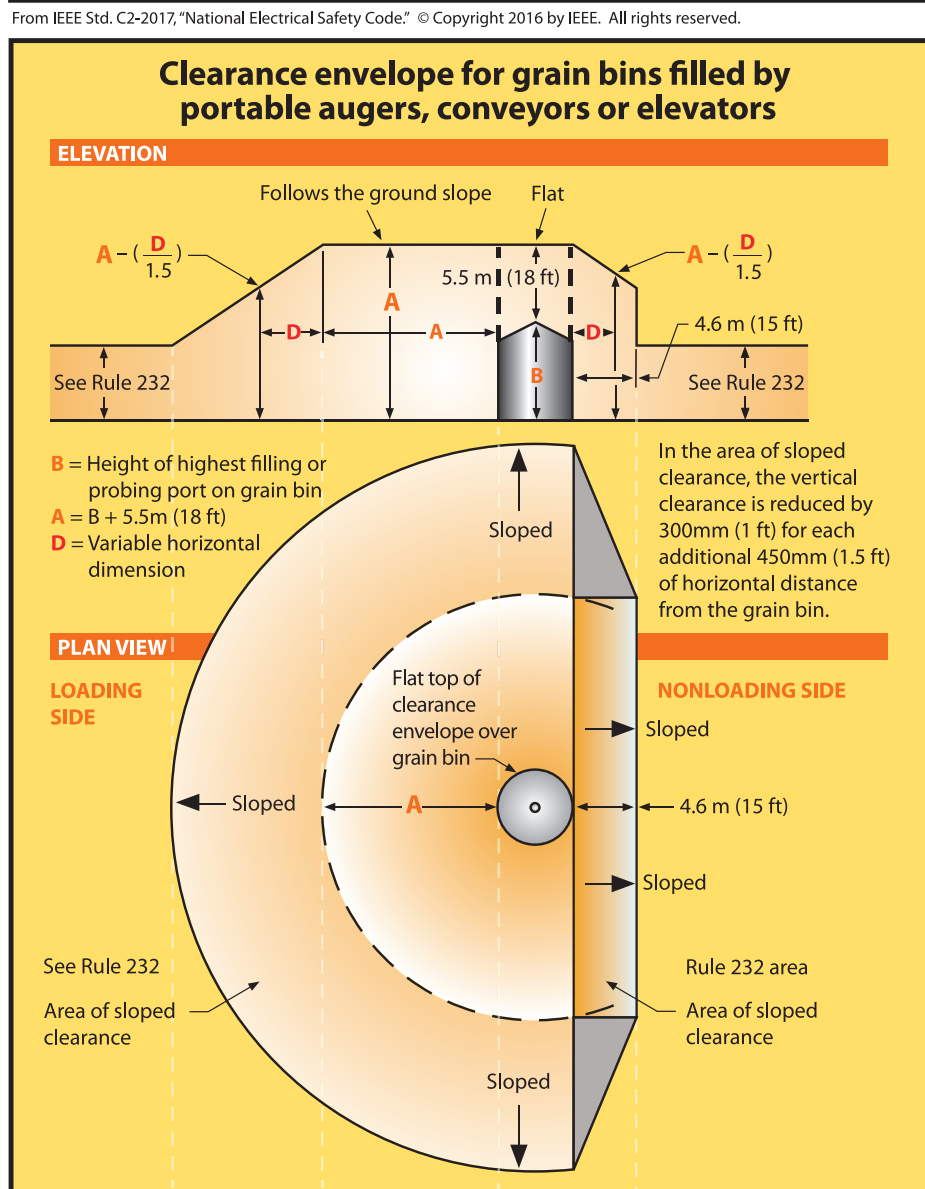
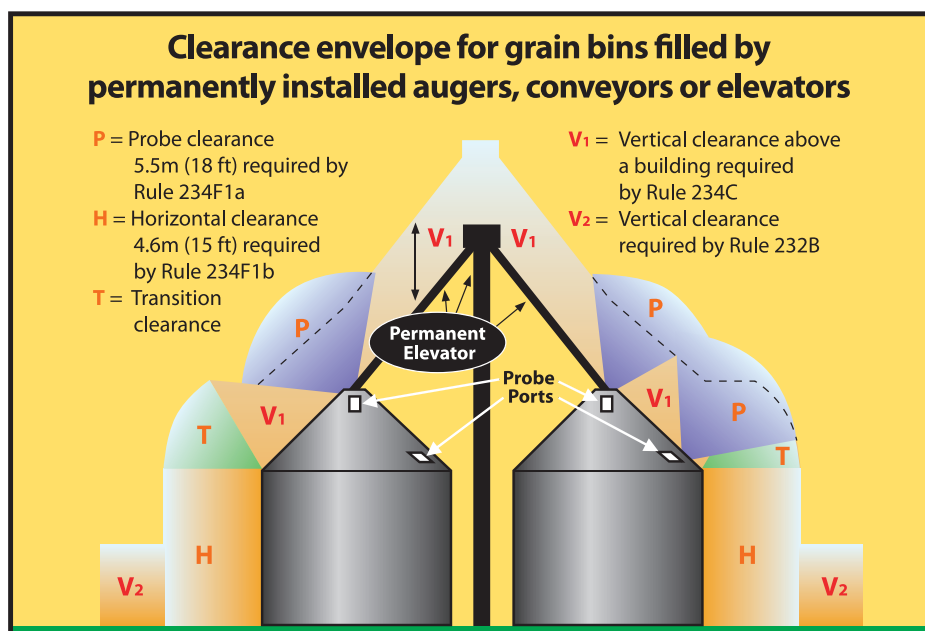
According to the Iowa Electric Safety Code found in Iowa Administrative Code Chapter 199--25.2(3) b., an electric utility may refuse to provide electric service to any grain bin built near an existing electric line which does not provide the clearances required by

the American National Standards Institute (ANSI) C2-2012 "National Electrical Safety Code," Rule 234F. This paragraph "b" shall apply only to grain bins loaded by portable augers, conveyors or elevators and built after September 9, 1992, or to grain bins loaded by permanently installed augers, conveyors, or elevator systems installed after December 24, 1997. (As adopted by the Iowa Utilities Board)

The cooperative is required by the Iowa Utilities Board to provide this annual notice to farmers, farm lenders, grain bin merchants, and city and county zoning officials.

If you have any questions concerning clearance regulations, please call Midland Power Cooperative at (800) 833-8876, Corn Belt Power Cooperative at (515) 332-2571, or Central Iowa Power Cooperative at (319) 366-8011.

Disclaimer: These drawings are provided as part of Iowa electric cooperatives' annual public information campaign and are based on the 2017 Edition of the National Electrical Safety Code. To view the actual drawings, refer to that publication. Every care has been taken for the correctness of the contents for these drawings. However, the Iowa Association of Electric Cooperatives and its member cooperatives accept no liability whatsoever for omissions or errors, technical inaccuracies, typographical mistakes or damages of any kind arising from the use of the contents of these drawings, whether textual or graphical.



From IEEE Std. C2-2017, "National Electrical Safety Code." © Copyright 2016 by IEEE. All rights reserved. The IEEE disclaims any responsibility or liability resulting from the placement and use in the described manner.

Midland Power, Consumers Energy host legislative breakfast



Top: Midland Power CEO Bill McKim and Consumers Energy CEO Bridget Itzen presented to legislators and directors from both cooperatives during the recent legislative breakfast. **Bottom left:** Sen. Jesse Green and Midland Power CEO Bill McKim. **Bottom right:** Rep. Robert Bacon, Consumers Energy CEO Bridget Itzen, Sen. Annette Sweeney, Rep. Dave Deyoe, and Midland Power CEO Bill McKim. Not pictured but in attendance virtually were Sen. Herman Quirmbach and Sen. Dawn Driscoll.

Midland Power Cooperative and Consumers Energy hosted a joint legislative breakfast meeting in January to engage state legislators on the important issues facing central Iowa electric cooperatives and our members.

The roundtable discussion brought together the elected officials and directors from both cooperatives for free-flowing discussion about topics important to cooperative members including:

- The critical role baseload power plays in ensuring system reliability.
- How cooperatives and electric utilities are preparing for widespread adoption of electric vehicles and the accompanying load growth.
- The challenges co-ops face in hiring

during a tight labor market.

- Difficulties in building additional transmission capacity.
- How cooperatives play a vital role in encouraging economic development in and near the communities they serve.
- The importance of getting members accurate information about residential renewable energy options.
- Upcoming legislative priorities at the state capitol.

Attendees also discussed the importance of amending the 2018 Rural Tax Equity bill that inadvertently left electric cooperatives off the list of organizations exempt from the digital products sales tax. This legislative oversight inadvertently resulted in an unfair tax burden on rural Iowans.

Extend a helping hand with RECare

Would you like to help those in need weatherize their homes or pay winter heating bills? Your one-time or ongoing donations will directly benefit area residents struggling to afford home heating costs. Simply complete and return this form to Midland Power.

Funds from this program are distributed to those in need through the Low Income Home Energy Assistance Program (LIHEAP) in Iowa.

Any amount you give will be greatly appreciated!

RECare CONSUMER AUTHORIZATION FORM

- Yes, I want to contribute to RECare.

I will make a one-time contribution to RECare. My check is enclosed.

I will contribute \$ _____ per month for _____ months to RECare. I understand this amount will be automatically added to my monthly electric bill.

Name: _____

Address: _____ City: _____ Zip: _____

Signature: _____ Date: _____

Please mail to: RECare, Midland Power, PO Box 420, Jefferson, IA 50129

Midland Power Cooperative Offices
 Open Weekdays: 7:30 am - 4:00 pm
 2005 S. Story Street, Boone, Iowa
 1210 13th Street North, Humboldt, Iowa
 1001 E. Lincoln Way, Jefferson, Iowa

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