


Cooperative Connections



**Full Steam
Ahead:
150-HP Road
Locomotive**

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**Are You Ready?
Preparedness
Is Key**

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Cultivating green energy.

Our business is providing power and light, but we shine light in our communities in other ways. To help feed those in need, our employees plant a garden and have donated more than 2,200 pounds of fresh produce since 2014. This helps food pantries serve fresh vegetables so growing kids get the energy they need.



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South Dakota Electric Cooperative Connections

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Black Hills Electric, Custer, S.D.
 Bon Homme Yankton Electric, Tabor, S.D.
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 Cherry-Todd Electric, Mission, S.D.
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 Codington-Clark Electric, Watertown, S.D.
 Dakota Energy, Huron, S.D.
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 Traverse Electric, Wheaton, Minn.
 Union County Electric, Elk Point, S.D.
 West Central Electric, Murdo, S.D.
 West River Electric, Wall, S.D.
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September is

National Preparedness Month

National Preparedness Month (NPM), recognized each September, provides an opportunity to remind us that we all must prepare ourselves and our families now and throughout the year. This NPM will focus on planning, with an overarching theme: Disasters Happen. Prepare Now. Learn How.

Take time to learn lifesaving skills – such as CPR and first aid, check your insurance policies and coverage for the hazards you may face, such as flood, earthquakes, and tornados. Make sure to consider the costs associated with disasters and save for an emergency. Also, know how to take practical safety steps like shutting off water and gas.

The devastating hurricanes and wildfires of 2017 reminded the nation of the importance of preparing for disasters. Often, we will be the first ones in our communities to take action after a disaster strikes and before first responders arrive, so it is important to prepare in advance to help yourself and your community.

NATIONAL PREPAREDNESS MONTH 2018

Disasters Happen

PREPARE NOW **LEARN HOW**



**ARE YOU
PREPARED
FOR A
POWER
OUTAGE?**



College Bound?

Keep Safety in Mind

There are several specific causes for fires on in on- and off-campus college housing, including cooking, candles, smoking and overloaded power strips. For most students, the last fire safety training they received was in grade school, but with new independence comes new responsibilities. It is important that both off-campus and on-campus students know their fire risks and prevention actions that could save their lives.

Cooking

- Cook only where it is allowed.
- Keep your cooking area clean and free of anything that can burn.
- Keep an eye on what you are cooking, especially if you are cooking at high temperatures.
- If a fire starts in a microwave, keep the door closed and unplug the unit.

Candles

- Place candles in sturdy holders.
- Never leave a burning candle unattended.
- Keep candles away from anything that can burn.
- Use safe flameless candles.

Smoking

- Make sure cigarettes and ashes are out. Never toss hot cigarette butts or ashes in the trash can.
- Use deep, wide ashtrays. Place ashtrays on something sturdy and hard to burn.
- After a party, check for cigarette butts, especially under cushions. Chairs and sofas catch on fire fast and burn fast.
- Don't smoke when you have been drinking or are drowsy.

Electrical safety

- Keep lamps, light fixtures, and light bulbs away from anything that can burn.
- Never use an extension cord with large appliances, like a refrigerator.
- Do not overload outlets.
- Use only surge protectors or power strips that have internal overload protection.

Source: U.S. Fire Administration

<https://www.usfa.fema.gov/prevention/outreach/college.html>

Are You Registered?

National Voter Registration Day is a national holiday celebrating our democracy. It was first observed in 2012 and has been growing in popularity every year since. Held on the fourth Tuesday of September, National Voter Registration Day will be observed on Tuesday, Sept. 25, this year. The holiday has been endorsed by the National Association of Secretaries of State (NASS). It is further supported by the National Association of State Election Directors (NASED).

South Dakotans seeking to vote in the Nov. 6 general election must be a U.S. citizen residing in South Dakota and be 18 years old on or before Election Day. Voter registration forms must be received by the county auditor 15 days before the election day. Additionally, those seeking to vote may register at the county auditor's office, a driver's license station, city finance office, public assistance agencies providing food stamps, TANF or WIC, Department of Human Services offices which provide assistance to the disabled or military recruitment offices.

Minnesotans must be a resident of the state for 20 days prior to the election. They can register online, in person or on election day.

For more information, visit <https://www.sos.state.mn.us/elections-voting/register-to-vote/> or call the Minnesota Secretary of State's office at 1-877-600-VOTE (8683) or contact your county election office.



KIDS CORNER SAFETY POSTER



"Don't play on transformer boxes."

Leo Bakeberg IV, Second-grader at Dupree Public School

Leo is the son of Leo Bakeburg and Amanda Grewe, Dupree, S.D. They are members of Moreau-Grand Electric Cooperative, Timber Lake, S.D.

Kids, send your drawing with an electrical safety tip to your local electric cooperative (address found on Page 3). If your poster is published, you'll receive a prize. All entries must include your name, age, mailing address and the names of your parents. Colored drawings are encouraged.

Garden Goodness

Cheesy Sausage and Potato Skillet Casserole

8 oz. bulk breakfast sausage, crumbled	1/4 tsp. McCormick® Black Pepper, Coarse Ground
1 medium onion, chopped	1-1/2 cups shredded mozzarella cheese
1 medium green bell pepper, chopped	1 cup crumbled feta cheese
6 eggs	2 plum tomatoes, seeded and chopped
1 cup milk	1 T. oil
1 T. McCormick® Oregano Leaves	1 (20 oz.) pkg. refrigerated shredded hash browns
1/2 tsp. salt	

Cook and stir sausage in large skillet on medium heat 5 minutes or until lightly browned. Add onion and bell pepper; cook and stir 5 minutes or until vegetables are tender. Set aside. Beat eggs in large bowl with wire whisk. Add milk, oregano, salt and pepper; mix well. Add sausage mixture, cheeses and tomatoes; mix well. Set aside. Pour oil into same skillet, swirling to coat the pan. Spread hash browns in bottom and up sides of pan. Pour egg mixture over potatoes. Cover. Cook on medium heat 10 to 15 minutes or until eggs are set. Makes 12 servings

Nutritional Information Per Serving: Calories 221, Total Fat 13g, Saturated Fat 6g, Cholesterol 122mg, Sodium 477mg, Protein 12g, Carbohydrates 14g, Dietary Fiber 2g

Pictured, Cooperative Connections

Zucchini Hot Dish

1 medium unpeeled zucchini, washed, seeded and cut into chunks	Sliced onion
1-1/4 cups uncooked rice	Sliced green pepper
Fresh sliced tomatoes	American cheese slices
	Uncooked bacon

Spray a 10x10-inch casserole dish. Layer zucchini chunks in bottom of pan. Sprinkle rice over top of zucchini. Place a layer of tomatoes, sprinkled with oregano, salt and pepper over rice. Next, top this with a layer of onion, green pepper and cheese slices. Lastly, place layer of bacon over all. Bake, covered, at 350°F. for 1-1/2 hours. The raw ingredients will provide enough moisture to cook the rice.

Gail Lyngstad, Pierre, SD

Sandi's Tomato Garden Salad

3/4 cup sugar	6 large tomatoes, coarsely chopped
1/2 cup olive oil	1 large onion, coarsely chopped
2/3 cup tarragon vinegar	2 green peppers, coarsely chopped
2 T. yellow mustard	2 cucumbers, coarsely chopped (optional)
2 T. parsley	Rotini noodles, cooked
1 tsp. basil	
1 tsp. thyme	
Salt and pepper to taste	

In a large bowl, mix together first 8 ingredients. Add vegetables. Refrigerate overnight.

Sandi Polkinghorn, Lake City, SD

Apple Corn Bread Crisp

4 cups peeled, sliced tart apples, about 4 to 5 medium	1 (8.5 oz.) pkg. corn bread/muffin mix
3/4 cup packed brown sugar, divided	1 tsp. ground cinnamon (or to taste)
1/2 cup quick-cooking oats	5 T. cold butter, cubed

Stir together apples and 1/4 cup brown sugar. In another bowl, combine corn bread mix, oats, cinnamon and remaining brown sugar. Cut in butter until crumbly. Add 1/2 cup corn bread mixture to apples. Transfer to a greased 8-inch square baking dish. Sprinkle remaining corn bread mixture over top. Bake at 350°F. for 30 to 35 minutes or until filling is bubbly and topping golden brown. Serve warm.

Jean Osterman, Wheaton, MN

Please send your favorite pasta, slow cooker and holiday favorites recipes to your local electric cooperative (address found on Page 3).

Each recipe printed will be entered into a drawing for a prize in December 2018. All entries must include your name, mailing address, telephone number and cooperative name.

Attractive, Convenient Combo Screen/Storm Door Saves Energy Year-Round



James Dulley

Collaborative Efficiency

Before you consider adding a new combo screen/storm door, make sure your primary door closes tightly and seals well.

The following companies offer combo doors:
Andersen, (800) 933-3626, www.andersenwindows.com;
Homeguard Industries, 800-525-1885, www.home-guard.net;
Larson, 888-483-3768, www.larsondoors.com;
Pella, 800-374-4758, www.pella.com; and
ProVia, 800-669-4711, www.proviadoor.com.

Send inquiries to James Dulley, Cooperative Connections, 6906 Royalgreen Dr., Cincinnati, OH 45244 or visit www.dulley.com.

Dear Jim: My screen door needs replacement. I thought about getting screen/storm combo door with a glass panel for winter. Is it worthwhile to spend extra for the combo door? – Seth G.

Dear Seth: A primary door is a relatively small area, but even an insulated one can lose a significant amount of energy. Doors typically have glass (lower insulation value) and the 10 feet of weatherstripping leaks air, so adding a combo door makes energy sense.

Before you consider adding a new combo screen/storm door, make sure your primary door closes tightly and seals well. Adding a combo door will certainly improve energy efficiency, but it is not designed to correct problems with an old warped primary door.

If possible, purchase replacement weatherstripping for your existing doors from the original manufacturer. If you cannot find it, most home center stores sell styles of generic weatherstripping which should fit. Pry off the old door molding, fill any gaps around the framing with foam insulation and caulk around the primary door frame.

The combo door construction is important for a nice appearance, long life and security. It must withstand a lot of abuse, so don't just pick the cheapest one. High quality ones, like Provia Spectrum, have internal polymer corner supports, rigid insulated foam core, reinforced kick panels and triple bottom sweep weatherstripping.

Buying an aluminum combo door and installing it yourself is typically the lowest-cost option. Aluminum combo doors are lightweight with the glass panels removed so installing one is a simple do-it-yourself project. They are made to the standard sizes of primary door frame openings.

With the store display door attached to a wooden door frame, the aluminum frame feels strong. When you open the box at home, the unattached aluminum frame strips are flexible. Be careful not to kink them during handling. Apply a bead of silicone or siliconized acrylic caulking on the aluminum frame before screwing it to the door opening.

The most convenient design of combo door uses one or two spring-mounted roll-up retractable screens built into the door. For ventilation, just lower the glass and pull the screens down. This design is attractive because the screening is hidden away during winter.

If you plan to use natural ventilation during the summer, a self-storing triple-track combo door is a reasonably priced option. The screen panel has its own vertical track in the door, so it never has to be removed. At winter's end, slide one of the glass panels down and slide the screen panel up.

For families with large pets or active children who may damage the screening, durable stainless steel screen fabric is available in retractable screen doors. It also is a simple DIY project to add this durable screening to a panel door. Buy a slightly smaller spline because the new screening is thicker. A spline installation roller tool costs only a few dollars.

If your budget is tight, consider making your own door. Mount hinges in the existing door opening for the storm door. Make a simple wood frame for the new door with only the top half open and a plywood lower panel. This panel improves the door's rigidity for a more airtight seal and better durability.

Most home center stores carry sheets of clear acrylic plastic to mount in the frame. Make another narrow wooden frame slightly larger than the open half and mount the acrylic sheet in it. Screw it over the door opening. Make a similar frame with screening in it for summer use.

If you prefer more durability and efficiency and a perfectly clear view outdoors is not critical, select double-walled polycarbonate instead of acrylic.

Nail 1/2-inch-wide spring steel weatherstripping in the door opening on the latch side and top and bottom. This type of weatherstripping is very durable where there is sliding friction. Adhesive backed 3/4-inch foam weatherstripping is effective in compression on the hinge side.

Dedication, Service Recognized

Area duo to be inducted into South Dakota Cooperative Hall of Fame

Two area men – Dale Locken of Akaska and Kermit Pearson of Lake City – will be inducted into the South Dakota Cooperative Hall of Fame during the Co-op Month Banquet and Induction Ceremony Sept. 11 at The Lodge at Deadwood, S.D.

Induction into the South Dakota Cooperative Hall of Fame is the highest honor that the cooperative community can bestow on those whose endeavors in the cause of the cooperative form of enterprise have been genuinely heroic.

Dale Locken, Agtegra Cooperative

Locken served as the CEWO of South Dakota Wheat Growers Association (now Agtegra Cooperative) from 2002 to 2017. As CEO, he had the vision to always pursue the next step to maintain the relevance of the cooperative system in South Dakota. Under his leadership, he saw the need for a merger with North Central Farmers Elevator (which occurred shortly after he stepped down as CEO). While at the helm at Wheat Growers, he developed the cooperative's strong safety culture, established the Connecting to Tomorrow Initiative to improve grain handling systems at 12 SDWG locations, established the Growing for Tomorrow Initiative which upgraded 15 locations to expand capacity in both grain handling and agronomy, led construction of the Kennebec Facility which involved rehabilitation of the railroad line along with construction of a new facility.



Dale Locken

Kermit Pearson, Lake Region Electric Association

First elected to the Lake Region Electric Association board of directors in 1980, Kermit Pearson has spent the last 38 years as a dedicated leader of electric cooperatives. By 1989, Pearson would be selected to represent LREA on the East River Electric Power Cooperative board and from there, in 1997, would become East River's voice on the Basin Electric Power Cooperative board. In 2013, he was selected to represent Basin Electric on the South Dakota Rural Electric Association board of directors.



Kermit Pearson

Under Pearson's leadership, LREA, East River and Basin Electric have engaged in innovative and visionary programs to best serve their members. He works to ensure that decisions made at the Basin Electric level are in the best interest for the regional East River Electric membership and local Lake Region Electric membership.

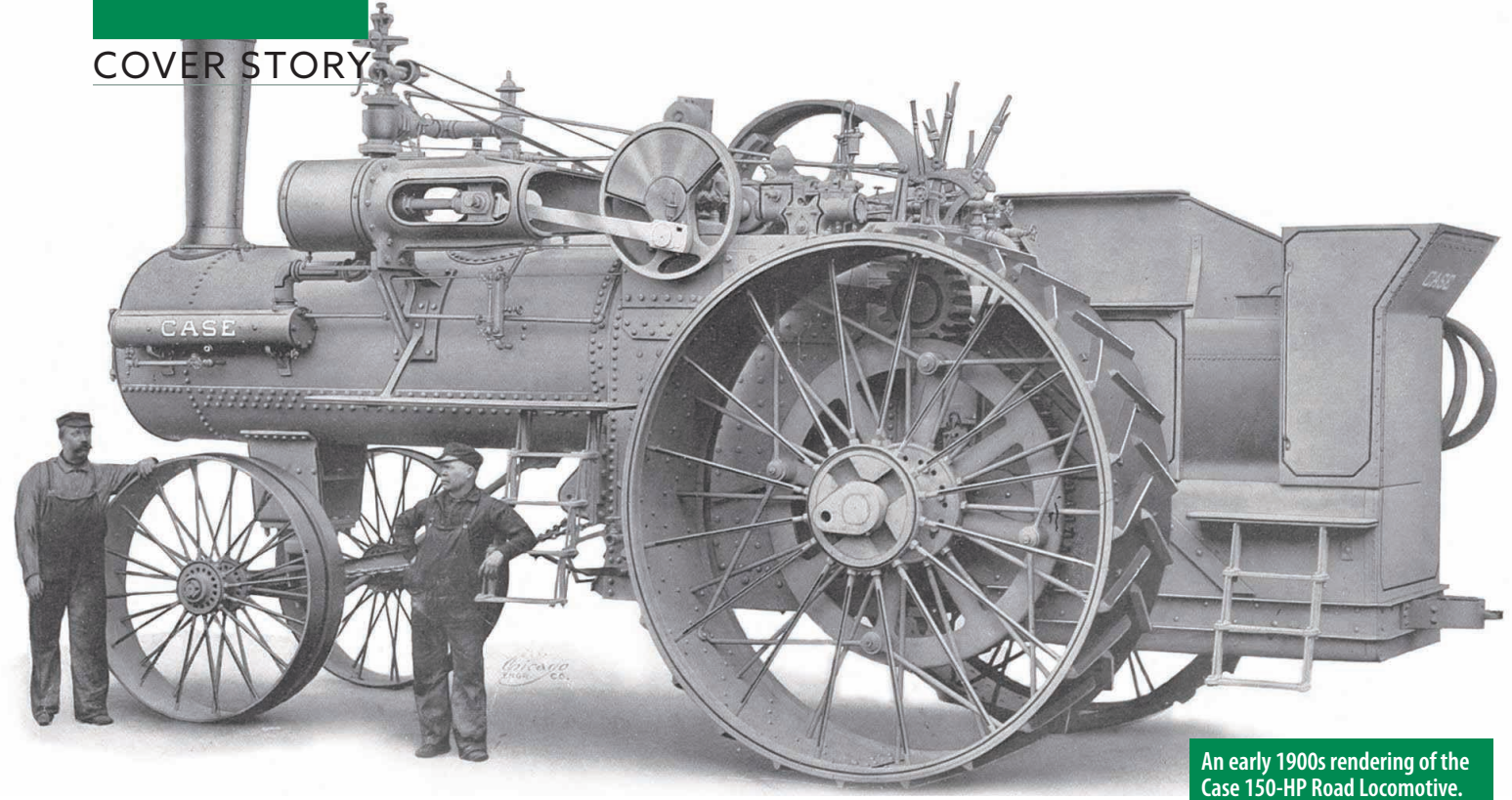
"He embraces and promotes the new innovations that benefit the membership," wrote LREA manager Tim McIntyre. "...his commitment to community and the membership shines as he inspires development and growth within each community."

Interested in attending?

To purchase tickets for the banquet, contact the South Dakota Association of Cooperatives by Sept. 1 at 116 N Euclid, Pierre, SD 57501. Tickets are \$40.

Past Inductees

- **1985** – Arthur Jones (1905-1985) and Emil Loriks (1895-1985)
- **1986** – Albert Schramm (1916-2000) and Herman D. Holt (1909-1986)
- **1987** – John Riedy (1911-2001) and August Dahme (1901-1980)
- **1988** – J. Evan Rasmussen (1905-1990) and John Skage (1904-1989)
- **1989** – Darrell Moseson and Warren G. Grebner (1920-2014)
- **1990** – J.E. Krull Sr. (1909-1999) and Lawrence Stoley (1901-1987)
- **1991** – Clifford G. Bell (1904-2000) and Warren Moe (1925-2011)
- **1992** – Ken Holum (1915-1998) and John A. Cink (1911-2002)
- **1993** – Clement J. Kloucek (1925-2005) and S. Douglas Murphy (1904-1996)
- **1994** – Philip Testerman and Max Farrar (1897-1980)
- **1995** – Quentin E. Loudon (1919-2012) and Oscar C. Johnson (1880-1965)
- **1996** – Vernon L. Berg (1920-1998) and Leo P. Flynn (1908-2001)
- **1997** – Ben Radcliffe (1915-2014) and G.L. Moseson (1894-1973)
- **1998** – J.D. Lynd (1933-2013) and George A. Hargens, Jr. (1921-1999)
- **1999** – Raymond M. Judy (1919-1997) and Virgil Fodness (1922-2013)
- **2000** – Keith Taylor (1923-2002) and Joseph Hieb (1924-2017)
- **2001** – Robert A. Johnson (1921-2014) and Donald N. Olson (1928-2006)
- **2002** – Vincent Erz (1926-2012) and Donald Wynia
- **2003** – Brian Meyer (1943-2003) and Don Paulsen (1930-2018)
- **2004** – Ed Fritzsche (1923-2005) and Dean Rasmussen
- **2005** – Robert Ching (1924-2012), Darrell Henderson and Alex Stoeser (1925-2000)
- **2006** – Dennis Hagny and Robert Rademacher
- **2007** – Leroy Schecher, Ralph Schreurs and Merlin VanWalleghen
- **2008** – Charles Olsen and Donald Fieber
- **2009** – Delbert Bushong and Owen Jones
- **2010** – Jake Boomsma, Milo Gilbertson and Barry Jensen
- **2011** – Jeffrey L. Nelson and Wayne Wright
- **2012** – Luverne Crosser, Gary French, Ron Minnaert and Larry Wilson
- **2013** – Thomas Hueners, John D. Johnson and Loren Noess
- **2014** – Gene Kroell, John Van Beek and Harvey Wollman
- **2015** – Keith Hainy, Roy Ireland, Rodney Renner and Carlyle Richards
- **2016** – Bill Bielmaier, Mark Hofer and Ronald Sandine
- **2017** – Jerry Heiberger and Clair Bonebright



An early 1900s rendering of the Case 150-HP Road Locomotive.

STEAM POWER DREAM

Recreating the Case 150-HP Road Locomotive

Brenda Kleinjan

editor@sdrea.coop

A legacy preserved in pictures and technical drawings has been brought back to life and debuts Sept. 7-9 at the James Valley Threshing and Tractor Club Show at Andover, S.D.

More than 100 years ago, the largest steam tractor ever produced – the 150-horsepower Case Road Locomotive – rolled off the drawing boards and onto the landscape. Fewer than 10 were produced and the behemoth's sheer power created technical issues for its ongoing reliability. But despite the issues that would eventually silence its massive engine, the giant – its rear wheels stood 8 feet tall and the front wheels reached the shoulders of a full-grown man – made an impression on Kory Anderson.

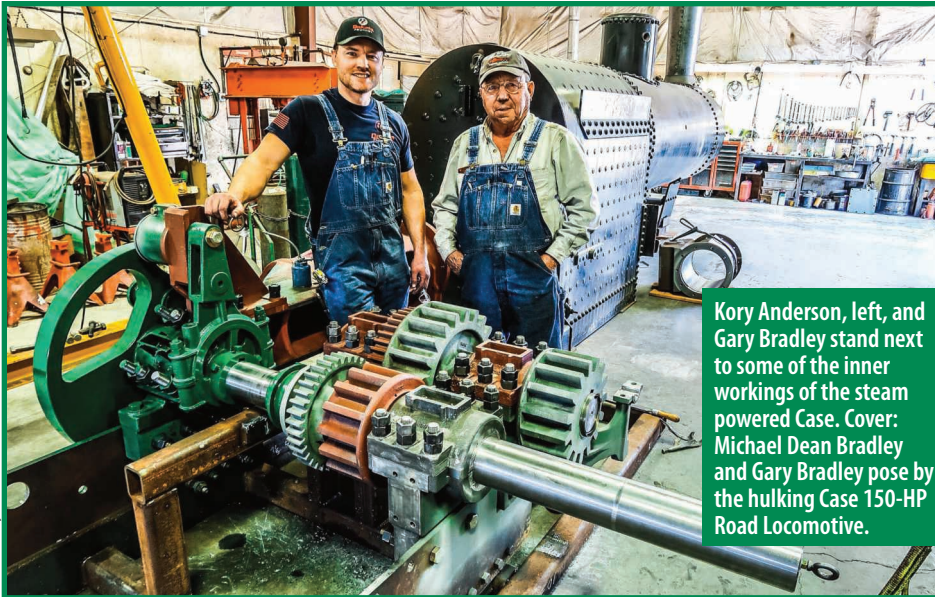
Anderson, an entrepreneur and mechanical engineer started with an idea 12 years ago to build a scale-model replica of the 25-foot, 10-foot wide machine. He spent the ensuing years researching the machine – including a visit to the Case archives in Wisconsin, recreating the drawings in CAD and researching what materials would overcome the original issues caused by lack of metallurgical advancements 100 years ago.

Anderson crafted mahogany molds for the parts that would need to be cast at Dakota Foundry in Webster. The services of an Amish boilermaker in Ohio would be secured.

The machine's rear wheels – each standing 8 feet tall and

Kory Anderson, right, an entrepreneur and mechanical engineer, is bringing to life a replica of the Case 150-HP Road Locomotive.





Kory Anderson, left, and Gary Bradley stand next to some of the inner workings of the steam powered Case. Cover: Michael Dean Bradley and Gary Bradley pose by the hulking Case 150-HP Road Locomotive.

measuring 3 feet wide – would need to be fabricated. Finished, they would weigh three tons each. Parts would be painted, lettering and graphics would be applied. And thousands of hours would be spent breathing life into a machine not heard from since the 1920s.

In the age of railroads and horse-drawn power, the turn of the 20th century saw some innovative tractors that would transform the agriculture. The Case Road Locomotive had the potential to eclipse them all. Designed to move heavy loads where rail lines didn't exist, it was used to haul copper ore in New Mexico, and was used for jobs ranging from plowing beet fields, threshing and hauling stone from a quarry in states including Georgia, Kansas,

Kentucky, New York and Wisconsin.

The thing was built for power, if not speed. (In low gear, it crawled along at just over 2.5 miles an hour, while high speed doubled the pace, reaching more than 5.6 miles per hour.)

While the original machine sold for around \$4,000 in 1904 (roughly four times the cost of a 1904 Cadillac). The 2018 version will cost considerably more: an estimated \$1 million.

For more about the build, visit <https://www.facebook.com/Anderson-Industries-LLC-115448931876302/>

For more about the Threshing Show, go to <https://www.facebook.com/jvthreshers/> or <http://www.jamesvalleythreshers.com/>



Among those lending a hand to the project's build are Mark Knox, left, and Bob Johnson, second from right. Johnson is system support/member services manager at Codington-Clark Electric in Watertown.

Case 150-HP Road Locomotive Specifications

from the Case archive documents:

- **BOILER** – Shell 42 inches in diameter.
- **TUBES** – Ninety-three 2 inch tubes, 108 1/2 inches long, of cold drawn, seamless steel tubing
- **FIRE BOX** – 58 1/4 inches long, 39 1/4 inches wide, and 45 inches high, made of the best open-hearth flange steel.
- **HEATING SURFACE** of boiler, 515 square feet. Grate area of boiler is 15.8 square feet.
- **BOILER PRESSURE** – The boiler tested at 350 pounds hydrostatic pressure, and can carry 160 pounds as a working pressure.
- **WATER TANK** – The capacity of the tank is about 500 gallons
- **WATER FEED** – An ejector will fill the water tank in eight minutes from any stream or other accessible water supply
- **FUEL CAPACITY** – The coal capacity is about 2,750 pounds.
- **ENGINE CYLINDER** – 14 inches diameter by 14 inch stroke.
- **HORSE POWER** – The engine easily develops 150 brake horse power running at its normal speed of 300 revolutions per minute.
- **TRACTION POWER** – The engine has been built for heavy hauling purposes and is capable of drawing 40 to 50 tons up grades from 5 percent to 10 percent. The engine itself, not loaded, will go up a 40 percent grade.

www.jamesvalleythreshers.com/case150.htm



Forty-nine students representing eight South Dakota electric cooperatives participated in the 2018 Youth Excursion. Here, they pose for a photo with the Antelope Valley Station in the background.

EXPLORING ENERGY

Teens Investigate Careers, Energy Production

Brenda Kleinjan

editor@sdrea.coop

Teens representing eight electric cooperatives in South Dakota and southwestern Minnesota traveled to North Dakota July 23-26 to explore energy production, cooperatives and careers in related industries.

Eight South Dakota cooperatives sent 49 teens on the trip.

Time spent at the National Energy Center of Excellence on the Bismarck State College campus included hands-on science and energy based activities, including:

- Using a training simulator to operate a power plant, with students responsible for adjusting the rate of water inputted into simulated boilers to create steam.
- Driving a commercial driver's license (CDL) training simulator used to instruct future linemen on safe driving skills.
- Creating circuits using Snap Circuits to explore electric concepts.



Chris Grode, representing Codington-Clark Electric, uses a caliper to measure a golf ball during an experiment.



Students ask Kevin Tschosik questions during a breakout.



Participating in the career panel were Basin Electric employees Curt Pearson, Kevin Tschosik, Derik Johnson, Shawn Deisz and Brian Matthews. Heather Schlenker was the panel moderator.

- Investigating scientific concepts using hands-on experiments.

Students also participated in a career panel with employees of Basin Electric Power Cooperative who discussed different career paths within electric cooperatives, including communications/media, finance, purchasing, engineering and operations.

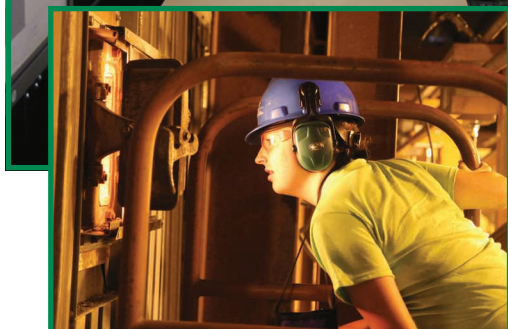
Students also visited BisMan Food Cooperative to see how the cooperative business model works in a community grocery store setting.

The third day of the excursion was spent in the Beulah, N.D., area where they toured a coal mine, visited the Antelope Valley Station coal-based power plant, learned about how the electricity produced in North Dakota enters the electric grid to be used in their homes, toured the Dakota Gasification Plant and drove past a wind project.

And, in between the learning, students relaxed with bean bag toss, a trip to a water park and a trivia tour contest before heading home.



Using a simulator, students learn some of the processes involved in running a power plant.



During the tour of Antelope Valley Station, a Basin Electric coal-based power plant, a student gets a chance to peak inside the plant's boiler.

2018 Participants

Bon Homme-Yankton Electric Association, Tabor

Jacob Carda	Tabor, SD
Mitch Roth	Mission Hill, SD

Central Electric Cooperative, Mitchell

Grace DuVall	Pukwana, SD
Casey Miller	Fulton, SD

Codington-Clark Electric Co-op, Watertown

Jolie Femrite	Watertown, SD
Derik Femrite	Watertown, SD
Chris Grode	Henry, SD

FEM Electric Association, Ipswich

Benjamin Batie	Eureka, SD
Robin Butler	Long Lake, SD
Anna Lapka	Leola, SD
Katelynn Westphal	Leola, SD
Avery Wolff	Forbes, ND

Lacreek Electric Association, Martin

Gage Jager	Martin, SD
Katie McDonnell	Martin, SD

Northern Electric Cooperative, Bath

Portia Aman-Buechler	Aberdeen, SD
Alexandra Day	Aberdeen, SD
Brent Ekanger	Aberdeen, SD
Taryn Flack	Aberdeen, SD
Grace Hagen	Aberdeen, SD
Austin Kingsriter	Aberdeen, SD
Becca Monson	Bath, SD
Malee Olson	Aberdeen, SD
Jeremy Pasara	Aberdeen, SD
Noah Poor	Groton, SD
Tianna Tschetter	Carpenter, SD
Dawson Whitley	Redfield, SD
Lauren Wiedebush	Aberdeen, SD

Sioux Valley Energy, Colman

Xavier Carbonneau	Luverne, MN
Hannah Droge	Humboldt, SD
Carson Eppard	Chester, SD
KyAnn Havlovic	Renner, SD
KayLynn Johnson	Trosky, MN
Willow Johnson	Egan, SD
Olivia Laphorn	Pipestone, MN
Adam Lee	Colman, SD
Amanda Lee	Colman, SD
Brady Malsom	Garretson, SD
Thaddeus Malsom	Brandon, SD
Reka Meinerts	Luverne, MN
Gavin Nielsen	Ruthon, MN
Stephanie Post	Volga, SD
Hunter Sandbulte	Luverne, MN
Grant Sternhagen	Brookings, SD
Jori Strasser	Pipestone, MN
Lauren Tatge	Beaver Creek, MN
Darla Van Kooten	Volga, SD
Lyndsey Wanner	Colman, SD

Whetstone Valley Electric Cooperative, Milbank

Logan Meyer	Revillo, SD
Shelby Lee	Big Stone City, SD

Power in Preparation

Co-ops Committed to Preparedness Every Day

Derrill Holly

NRECA

Preparation is the key to success in many things we do in life. Planning, practice and thoughtful assessment provide opportunities to work out potential problems in advance.

September is National Preparedness Month, and the Department of Homeland Security's Federal Emergency Management Agency is encouraging all of us to prepare for emergencies. But most of us do better when we prepare for the routine, the extraordinary and the unexpected.

For electric cooperatives in South Dakota and western Minnesota, preparation plays a huge role in ensuring that our members have the electricity they need as soon as they flip a light switch or start an appliance.

When a co-op crew pulls a truck into a loading bay, warehouse workers have already pulled the parts and equipment needed for that crew's scheduled day's work. When a member services representative discusses balanced billing by telephone, they're helping a member with preparations to ease the impact of seasonal high bills.

When meteorologists call for exceptionally hot or cold weather, electric co-ops work closely with their generation and transmission cooperatives (G&Ts) to ensure adequate supplies of electricity are reserved to meet anticipated demand.

South Dakota and western Minnesota electric co-ops are constantly preparing for the future. Engineers and construction crews design, build and upgrade the electric system to move electricity from

Be Prepared Before the Storm

Here are some basic items you should store in your home in case of emergency:







-  **Water:** Three day supply, one gallon per person per day
-  **Food:** Three day supply, non-perishable, high-energy
-  **Clothing, bedding, and sanitation supplies**
-  **Tools:** Can opener, plates, utensils, flashlight, batteries, cash, bleach, hand sanitizer
-  **First aid supplies, medicine**
-  **Important documents**



Photo Caption.

Source: American Red Cross, Federal Emergency Management Agency

power plants and substations to farms, homes and businesses.

All of these actions prepare electric co-ops to deal with the daily challenges of meeting the electricity needs of their members. But working together, we put in just as much effort preparing for the uncertainties posed by flooding, tornadoes, wildfires, high winds, blizzards and ice storms. Electric co-ops maintain and constantly update emergency response plans. Employees train for major events and know in advance what their primary and secondary roles would be. Electric co-ops also subscribe to mutual aid agreements. That's why you see trucks and crews from co-ops in other states in your communities when major power outages occur.

We also work with state and national

officials to help ensure that crews can get to your communities when they are needed and have the lodging, food and support necessary to work effectively far from home.

September may be National Preparedness Month, but the region's electric cooperatives are committed to preparedness every day – for the routine, the extraordinary and the unexpected.

Derrill Holly writes on consumer and cooperative affairs for the National Rural Electric Cooperative Association, the national trade association representing more than 900 local electric cooperatives. From growing suburbs to remote farming communities, electric co-ops serve as engines of economic development for 42 million Americans across 56 percent of the nation's landscape.

Are You Ready?

The heat of August and September make it hard to remember that winter snows will be here before we know it.

The South Dakota Office of Emergency Management offers the following preparedness tips:

Winter storms, especially blizzards, can be very dangerous. Preparing before extremely cold, snowy weather occurs can save your life. Know what winter storm watches and warnings mean. If a Winter Storm Watch has been issued for your area, hazardous winter weather conditions (such as snow greater than 6 inches in 24 hours, winds gusting over 35 mph, or visibilities less than a 1/4 mile) are expected in the next 12 to 36 hours. A Winter Storm Warning means the conditions listed for the Watch exist.

Try to stay indoors during a blizzard. If you have to go outside to check on animals or for another reason, be sure to dress warmly in loose fitting layers of clothing.

Wear heavy gloves to protect your hands and heavy socks with boots that will not absorb water. Cover your mouth so that you don't breathe in freezing cold air that can damage your lungs. Keep your body dry.

Know the signs of hypothermia or frostbite.

If you are traveling at all when a winter storm is possible, then you should always bring emergency supplies with you. You can never predict when you might get stranded and need them. If stranded, make sure you stay in your vehicle. Run your vehicle about 10 minutes every hour. Open windows a little for fresh air to avoid carbon monoxide poisoning. Make yourself visible to rescuers by turning on the dome light at night, tie a colored cloth to your antenna, and raise the hood after the snow stops falling.

If you are caught outside, find a dry shelter and cover all exposed parts of the body. If shelter is not available, prepare a lean-to, wind break, or snow-cave for protection from the wind.

Build a fire for heat and to attract attention. Place rocks around the fire to absorb and reflect heat. Do not eat snow, it will lower your body temperature. Melt it first.

Weather related dangers can be very unexpected. Being prepared for a potential hazardous situation could save your life.



Supply Kit

Prepare your family for any disaster by putting together an emergency supply kit. Make sure your kit is always ready, easily accessible and stored in a durable container.

Recommended Kit Supplies

- Water, one gallon per person per day for drinking and sanitation
- Food, at least a three-day supply of non-perishable food
- Battery-powered radio and extra batteries
- Flashlight and extra batteries
- First aid kit
- Whistle to signal for help
- Dust mask or cotton t-shirt to help filter the air
- Moist towelettes for sanitation
- Wrench or pliers
- Can opener for food
- Plastic sheeting and duct tape
- Unique family needs, such as daily prescriptions, infant formula or diapers, and copies of important family documents
- Garbage bags and plastic ties for personal sanitation

Other Items to Include

- Change of clothing
- Sleeping bag or blanket
- Hat, mitten, scarf
- Waterproof matches
- Toys, books, puzzles, games
- Extra house and car keys
- List of contact names and numbers
- Sturdy shoes
- Gloves for clearing debris
- Tent
- Fuel for cooking
- Plastic knives, forks, spoons
- Paper plates and cups
- Paper towels
- Heavy-duty aluminum foil
- Hand sanitizer
- Bar soap and liquid detergent
- Shampoo
- Toothpaste and toothbrushes
- Feminine supplies
- Toilet paper
- Household bleach with no additives
- Newspaper to wrap garbage and waste
- Ax, shovel, broom
- Screwdriver, hammer
- Coil of one-half inch rope
- Knife or razor blades
- Garden hose for siphoning and fire fighting

Source: <https://dps.sd.gov/emergency-services/emergency-management/preparedness>



It can be tough to help kids understand the importance of saving energy.

Electrifying Ways to Help Kids Be **SMART ENERGY USERS**

“Did you turn off the lights in your room?”

“We’re not paying to heat the whole neighborhood!”

“Save some hot water for the rest of us!”

Across America, parents utter these phrases to their children countless times each day. Despite their best efforts, it can be tough to help kids understand the importance of saving energy – and to put that knowledge into action.

Few people have more experience talking about energy efficiency than the communication professionals who work at America’s electric cooperatives. So we asked them how they persuade the toughest audience they face every day: their kids. Here are a few of their tips.

Deputize an “energy enforcer”

Several parents recommended deputizing children to investigate wasteful energy practices.

When her children were young, Heidi Smith of Tideland Electric Membership Corporation in North Carolina let them take turns playing the role of energy deputy.

Each week, the appointed child was given a badge and empowered to seek out energy waste and hold the offending



A creative way to engage your child in practicing energy efficiency is to deputize an “energy enforcer.”

party accountable.

“My youngest son took it so seriously that he once cracked open the bathroom door and reached in to turn off the light on his dad after he decided daddy had been in there long enough,” Smith said. “All five of my children are now grown, but they continue to practice energy efficiency in their own lives.”

Diana Hersch of Hancock-Wood Electric Cooperative in Ohio offered a slightly different twist on the same idea. She suggests offering your little energy deputies a bounty for finding leaks, drafts and other wasteful energy practices around the house.

Their progress can be tracked with stickers on a calendar, and when the kids reach their goal, they can be rewarded with a sheriff’s badge or another small toy of their choice.

Penalty stroke

In addition to teaching her patience and discipline, the rounds of golf Jim Nimmo plays with his 11-year-old-daughter have turned into valuable lessons in energy conservation.

When the kids reach their goal, they can be rewarded with a sheriff’s badge or another small toy of their choice.

Nimmo, of Farmers Electric Cooperative in Texas, has started adding a penalty stroke to his daughter’s score for each time he’s had to turn off her bedroom light and fan since their last round.

“It gives new meaning to the term penalty stroke,” Nimmo said. “We don’t have much of a problem anymore.” No word on whether his daughter is allowed to return the favor.

The invisible hand

If your child’s hand never seems to find its way to the light switch, perhaps the invisible hand of the free market can help them out.

Katie Kothmann Haby of Medina Electric

Cooperative in Texas said her dad used to fine her 25 cents for every light bulb she and her siblings left on in their rooms. For her ceiling fan with four bulbs, that was a costly mistake.

“It taught us that electricity really did cost money since we had to pay when we didn’t conserve it,” Haby said. Though her daughter is very young, Haby says she plans to use the same approach when she’s older.

Game Theory

Other creative strategies to inspire kids to do their chores and keep peace in the home can be found in *The Game Theorist’s Guide to Parenting*. The recently published book, written by Paul Raeburn and Kevin Zollman, shows how Game Theory can be applied to many of daily transactions of parenting, such as sharing, dividing, collaborating and compromising.

No matter what the approach, talking to kids about energy use is sure to pay dividends. They might not always follow through, but they’ll be learning important lessons about the value of energy and the importance of conservation that can last a lifetime.



Other creative strategies to inspire kids to do their chores and keep peace in the home can be found in *The Game Theorist’s Guide to Parenting*.

August 23-25

Senior Games, Watertown, SD, Contact Jeremy Herrboldt or Josh Maag at 605-882-6260

August 25-26

Fall River Hot Air Balloon Festival, Sunrise each day at airport, Activities all day, Night Glow Saturday at 7:30 p.m., Hot Springs, SD 605-745-4140

August 25, September 8 and 22, October 6

Lawn Mower Races, Pukwana, SD, 605-680-1718 or 605-682-9781

August 30

Value Added Ag Day and Specialty Crop Workshops at the State Fair, SD Value Added Ag Development Center and SD Specialty Producers, Huron, SD, 605-681-6793 or SDSPAinfo@gmail.com

September 2

Studebaker Car Show, Custer, SD, 605-673-2244

September 2

Billy Bolander Memorial Demolition Derby, Winner, SD, 605-469-6232

September 6-9

Senior State Games, Sioux Falls, SD, Howard Bich at 605-491-0635 or visit southdakotaseniorgames.org

September 7-8

Ribs, Rods & Rock n' Roll, Main Street, Vermillion, SD, 605-624-2021

September 7-9

Sixth Annual S.D. Fiddle Festival & Contest, 4-H Grounds, 901 Whiting Drive, Yankton, SD, fiddlersofsouthdakota.com



August 30-September 3

South Dakota State Fair, Huron, SD, 605-353-7340

September 7-9

James Valley Threshing and Tractor Show, Andover, SD, jvthreshers@gmail.com

September 8

Beef N Fun Festival, Mobridge, SD, 605-845-2387

September 8

Sidewalk Arts Festival, Sioux Falls, SD, 605-367-7397

September 8

Eggs, Mushrooms and Microgreens Tours, Noon to 4:30 p.m., Free, Brandon, SD, Contact 605-681-6793 or SDSPAinfo@gmail.com

September 8-9

Fifth Annual Grape Stomp Festival, With the Wind Winery, Rosholt, SD, 605-212-5166, www.withthewindwinery.com

September 8-9

Twin Rivers Old Iron & Kuchen Festival, Delmont, SD, Contact George Sandhoff at 605-505-0535

September 8-9

Quilt Show, Hill City, SD, 605-574-2810

September 11

S.D. Co-op Hall of Fame Induction Banquet, The Lodge, Deadwood, SD, 605-945-2548

September 13-15

St. Joseph's Indian School Annual Powwow, Chamberlain, SD, 605-234-3452

September 14-15

NESD Celtic Faire and Games, Aberdeen, SD, 605-380-5828

September 14-16

North Country Fiber Fair, Watertown, SD, 605-956-7909

September 14-16

Dakota Western Heritage Festival, Fort Pierre, SD, 605-222-0079

September 14-16

German-Russian Schmeckfest, Eureka, SD, 605-284-2332

September 16

Stirling Family Memorial Ranch Rodeo, Fort Pierre, SD, 605-223-7690

September 21-22

Holiday Arts Fall Craft Show, Masonic Temple, Mitchell, SD, 605-359-2049

September 21-23

South Dakota Quilt Guild, Crossroads Event Center, Huron, SD, 605-352-9953

To have your event listed on this page, send complete information, including date, event, place and contact to your local electric cooperative. Include your name, address and daytime telephone number. Information must be submitted at least eight weeks prior to your event. Please call ahead to confirm date, time and location of event.