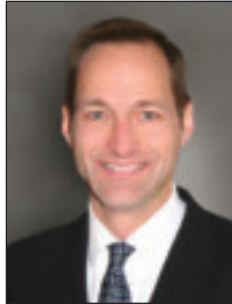




JO-CARROLL

A Touchstone Energy® Cooperative  **HI-LINES**



CEO'S REPORT

by Mike Casper

Electric vehicles (EVs) are dominating the automotive news, and the appeal for them is gaining momentum. Most automotive analysts seem to predict EVs as a percentage of total car sales in the U.S. to be somewhere between 5 percent and 20 percent of new car sales by the year 2025, the majority being plug-in hybrids, which are fueled by gasoline and/or electricity.

While many drawbacks of EVs are gone, there is still a concern limiting EV growth dubbed “range anxiety.” This stems from the limited range of EVs. While the Tesla offering provides 270 miles for their all-wheel drive model and 355 miles on their standard models, that pales in comparison to most internal combustion cars. And, the lack of a rapid charging infrastructure is ongoing.

Advances in battery technology are hammering away at the range issue. Range is steadily expanding, and battery management systems are squeezing out more miles. At the same time, more companies and utilities are installing efficient charging stations at their places of business and in popular public locations. Currently,

there are approximately 25 registered EVs and 20 charging stations located throughout Jo-Carroll’s service territory (www.plugshare.com.)

Jo-Carroll has a 2014 Honda Accord Hybrid in its fleet as well as a hybrid bucket truck, which we added to our fleet in 2016. Both are plug-in hybrid electric vehicles. We are currently evaluating the addition of an EV charger at one or more of our offices.

Range anxiety notwithstanding, the future of EVs is brighter. Prices are dropping and range is expanding so owners can confidently drive nearly everywhere with a little bit of planning.

Since most charging of EVs take place at home, if you do purchase an EV and plan to install a charging station in your home, be sure to let Jo-Carroll know. The service to your home is sized to meet the demands of your house as they existed when service was connected. Adding the EV charger may create a risk of overloading the wires and transformers powering your home. Overloaded services can fail and leave you in the dark with an uncharged EV. **Sheena Quick**

Reader prize

Each month we print the name of a Jo-Carroll Energy member who is eligible to win a monthly \$25 readership prize. If your name is printed in this month’s edition, and not a part of any article, contact Jo-Carroll Energy and claim your prize no later than the 10th of the month following publication.



How will you do the **SUMMER SHIFT** between 11 a.m. & 7 p.m.?

As temperatures rise, so does the demand for electricity. By shifting your energy use before 11 a.m. or after 7 p.m. you’ll help save energy and help your co-op maintain affordable electricity rates. By waiting to do laundry, washing your clothes in cold water or hanging them out to dry, you’re doing the Summer Shift!

Visit jocarroll.com or talk to your trusted energy advisor at Jo-Carroll Energy to learn more about the Summer Shift and how you and your fellow co-op members can help keep electricity affordable.

Voluntary and open membership • Voluntary and open membership • Voluntary and open membership • Voluntary and open membership • Voluntary and open membership

Resume of Minutes

May 30, 2018

For your information

Your Board of Directors:

David Senn
Chairman
District 7

Russell Holesinger
Vice Chairman
District 8

Marcia Stanger
Secretary
District 3

Martin Werner
District 1

Joseph Mattingley
District 2

Dan Tindell
District 4

Patricia Smith
District 5

Thomas Lundy
District 6

Larry Carroll
District 9

Robert Kuhns
Treasurer
District 10

Office Hours:

Monday-Friday

Elizabeth

793 U.S. Route 20 West
8 a.m. to 5 p.m.

Savanna

103 Chicago Ave.
8 a.m. to 1 p.m.
1:30 to 4:30 p.m.

Geneseo

1004 S. Chicago St.
7:30 a.m. to 1 p.m.
1:30 to 4 p.m.

Services and Billing Questions:

(800) 858-5522
www.jocarroll.com

For emergencies and outages call:

(800) 858-5522

The board met on Wednesday, May 30, 2018, at the Jo-Carroll Energy headquarters. The following is a summary of the meeting activities. The Agenda, as amended, and the Consent Agenda were approved.

Chairman's Report – Chairman Senn discussed the Jo-Carroll Annual Meeting that was held on May 23, 2018 and thanked the staff for a job well done. Senn noted the excellent discussions that the Directors had with Members.

AIEC (Association of Illinois Electric Cooperatives) and NRECA Report – Senn discussed the importance of safety and the reasons we continue to practice safety measures at Jo-Carroll Energy and also at home. Senn also provided an update on the first Springfield Lobby Day held on May 15 by the AIEC. This was a chance for Director Senn and Jo-Carroll Energy staff to participate in discussions with their local representatives on issues that affect the cooperative like the need for support of broadband to rural communities, with Senn also noting that Jo-Carroll Energy recently submitted applications to the Federal Government for fiber buildout grants.

APGA Report – Director Carroll provided an update on regulatory matters being followed by the American Public Gas Association (APGA). Director Mattingley and President and CEO Casper also discussed take-aways from the APGA Government Relations Conference as well.

Dairyland Report – Director Mattingley was appreciative to Barb Nick, Dairyland Power Cooperative President and CEO, for speaking during the Jo-Carroll Energy Annual Meeting. Mattingley discussed their current projects, including the DPC Annual Meeting and also provided an update on the MISO market activity.

PPI Report – Director Kuhns reported on PPI's most recent generation figures and provided operational highlights from Prairie State Units 1 and 2.

Board Policy Update –

a. Policy 118 – A motion was made, seconded and carried unanimously to approve Board Policy 118 as is.

CEO's Report –

a. Financial Operating Report – President and CEO Casper reported that the Cooperative's operating margins for April YTD were \$32,039. The current equity of the cooperative is 24.54 percent. By general consent, the board moved to file the financial operating report with the auditor.

b. Technical Presentation – President and CEO Mike Casper provided a presentation on Single Solar Axis Tracking. Tracked solar units yield approximately 20 percent to 30 percent more energy than fixed solar arrays and are also a better match for utility loads. Casper also noted

that the cost of tracked systems has decreased by almost 75 percent in the last 20 years.

Operations & Regulatory/Legislative Update

a. Kyle Buros, Senior Vice President and Assistant General Manager – Buros provided

an update on the Jo-Carroll Energy Strategic Initiatives and Fiber To The Home Project (FTTHP) in Elizabeth. Approximately 23 Members are connected and taking service. Just over 130 have already signed up. Broadband grant applications have been submitted for two areas within Jo-Carroll Energy's Service Territory.

b. Merri Sevey, Vice President of Human Resources – Sevey provided an update on the Jo-Carroll Energy Annual Meeting. Sevey thanked the employees and directors for their hard work. Approximately 400 Members attended the meeting. Sevey noted this was the highest attendance at an annual meeting since we have kept attendance records.

Board Issues –

a. Discounted Estate Capital Credit Retirements – A motion was made, seconded, and carried unanimously to approve the discounted estate retirements as presented.

b. AIEC Director and Alternate Director – The AIEC Director and Alternate Director were selected for the AIEC Annual Meeting.

c. AIEC Voting Delegate and Alternate – The AIEC Voting Delegate and Alternate Voting delegate were selected for the AIEC Annual Meeting.

d. CFC Cooperative System Integrity Fund – A contribution of Jo-Carroll's yearly capital credits from CFC was decided upon for the cooperative's participation in the CFC Integrity Fund Program.

e. Dairyland Power Cooperative (DPC) Wholesale Power Contract Extension

Resolution – A motion was made, seconded, and carried unanimously to approve a resolution to authorize the Chairman of the Board to execute the DPC Wholesale Power contract extension resolution.

f. Amendment No. 2 to the Wholesale Power Contract (WPC) between DPC and Jo-Carroll Energy – A motion was made, seconded, and carried unanimously to approve the Resolution Authorizing amendments to the WPC with Dairyland Power Cooperative to extend the term of the Agreement.

Executive Session – A motion was made, seconded and carried unanimously to move into executive session at 11:21 a.m. and to come out of Executive Session at 11:37 a.m.

Action Items as a Result of Executive Session – None

Adjournment –

Chairman Senn adjourned the meeting at 11:37 a.m.

Member Appreciation Days



Members played a ring toss game to win bill credits and other prizes during Member Appreciation Days.



Board director Pat Smith serves members in the food line at Member Appreciation Days at Elizabeth.



Board director Bob Kuhns chats with members at the Appreciation Day in Geneseo.



Former director Ron Hallendorff was presented with a photograph in recognition of his years of service to both the Jo-Carroll Energy and Farmers Mutual Electric Company boards. The photo was presented by JCE president and CEO Mike Casper.

JCE, CoBank award three Sharing Success grants

Jo-Carroll Energy and CoBank recently awarded \$10,000 to three community groups in Jo-Carroll Energy's service territory through CoBank's Sharing Success Matching Grant Program.

The Sharing Success program is designed to celebrate the vital role that their customers, including co-ops like Jo-Carroll Energy, play in their communities. CoBank partners with those customers to support causes and organizations, make a positive impact and fulfill its mission of service to rural America.

Selected to receive Sharing Success Matching Grants were:

Fulton Police Department – \$6,000 (\$3,000 from JCE and \$3,000 from CoBank) for its fund-raising efforts to help cover the costs to purchase a K-9 unit and pay for training and accessories.

Police Chief Dave Bartels said the

department expects that their new canine officer, Woz, a Belgium Malinois currently being trained in Fort Dodge, Iowa, will be in the city mid-August. Officer DWayne Hamilton will be his handler.

Village of Chadwick/Chadwick Police Department – \$2,000 (\$1,000 each from JCE and CoBank) for a new electronic control device and training supplies. The funds will help replace an older model, about 12-13 years old, according to Police Chief Randy Craft.

East Dubuque Fire Department – \$2,000 (\$1,000 each from JCE and CoBank) toward the upgrade of its self-contained breathing apparatus equipment. According to Fire Chief Joe Heim, the upgrade will include installing new electronics in the equipment, along with replacing air cylinders and face masks.



Jo-Carroll Energy president and CEO Mike Casper presents a Sharing Success grant to the city of Fulton for a K-9 unit. From left are: Police Lt. Donnie Pridemore, city administrator Randy Boonstra, city administrative assistant ReNee Grant, police chief Dave Bartels and Casper.



JCE president and CEO Mike Casper (right) presents a Sharing Success grant for the village of Chadwick's police department's electronic control device to police chief Randy Craft (left) and village president Kim Hinrichs (middle).



JCE president and CEO Mike Casper presents East Dubuque fire chief Joe Heim with a Sharing Success grant for an upgrade of the department's self-contained breathing apparatus.

Local students represent JCE during the Youth to Washington Tour

What do you get when 71 students from 27 Illinois electric and telephone cooperatives join more than 1,800 of their peers across the United States? You get the National Rural Electric Cooperative Association (NRECA) Youth to Washington Tour.

Two local students were selected from a diverse group of applicants to represent Jo-Carroll Energy (JCE) to enjoy an all-expense paid trip to Washington, D.C. from June 8-15 as part of the annual Youth Tour.

The 2018 Youth Tour delegates from JCE included Mickenzie Bass of Apple River and Emily Hinrichs of Thomson.

The students toured Capitol Hill and met with U.S. Senator Dick Durbin and Congresswoman Cheri Bustos. They also visited historical and cultural sites including Arlington National Cemetery, the Supreme Court, Newseum, Royal Embassy of Saudi Arabia, a variety of memorials and the U.S. Capitol. Among fun activities the students enjoyed were the Marine Corps Sunset Parade, the Smithsonian Museums and an assembly of Youth Tour participants from across the nation.

Emily was a finalist for the Youth Leadership Council, which has one representative from each participating state. Mickenzie was elected to Illinois delegation's "chip-n-pop" co-op, an educational and practical project that provides soda to tour participants at discount prices and educates about starting and operating a co-op.

"Youth Tour is a great opportunity that changes these students' lives," says Mike Casper, president/CEO of JCE. "This experience helps prepare them for their futures. After touring our nation's capital, meeting congressional representatives and learning firsthand how our government works, they return home with valuable knowledge and memories that will last a

lifetime."

Since 1964, the nation's cooperative electric and telephone utilities have sponsored more than 60,000 high school students to visit Washington, D.C. To learn more about the Youth to Washington Tour, go to www.youthtour.coop.



Pictured from left are Emily Hinrichs, Congresswoman Cheri Bustos and Mickenzie Bass.



Go beyond the card with the Co-op Connections® card program

The Co-op Connections program that you know and love is better than ever. Take a minute to download the free Co-op Connections app right to your smart phone. Create an account and have access to thousands of discounts right at your fingertips. We are now going beyond the card with the new and improved program.

Also, visit connections.coop to see the revamped website. This website allows you to download and print coupons, see how much you have saved through the program and more.

You can use your card at 60,000+ pharmacies nationwide to get discounts on your prescription medicine. We have also set up

money savings discounts at a number of local businesses throughout Jo-Carroll Energy's service area. From automotive to dining, clothes to home improvement - there are so many ways to save!

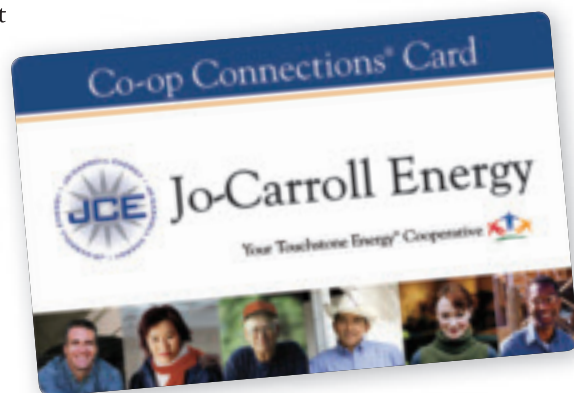
Is there a local business that you would like to see on the program? You can now recommend a business on the app. Staff from Jo-Carroll Energy will reach out to the business to see if they are interested in offering a discount.

Also, be sure and check out the new deals from featured partners such as coupons.com, Uber and more.

We are excited to go the extra

mile for our members and help you save money, every day.

For questions regarding the program, visit jocarroll.com or contact Jamie Kluzek at 800-858-5522, ext 1208 or jkluzek@jocarroll.com.

A photograph of a young man and woman looking at a smartphone together. The man is holding the phone. The background is a blurred outdoor scene with a bright sun. There are several teal circles of varying sizes scattered across the image.

GO BEYOND THE CARD.

Our free app helps you save money locally, online or wherever you may roam.

Download the new Co-op Connections® app today!

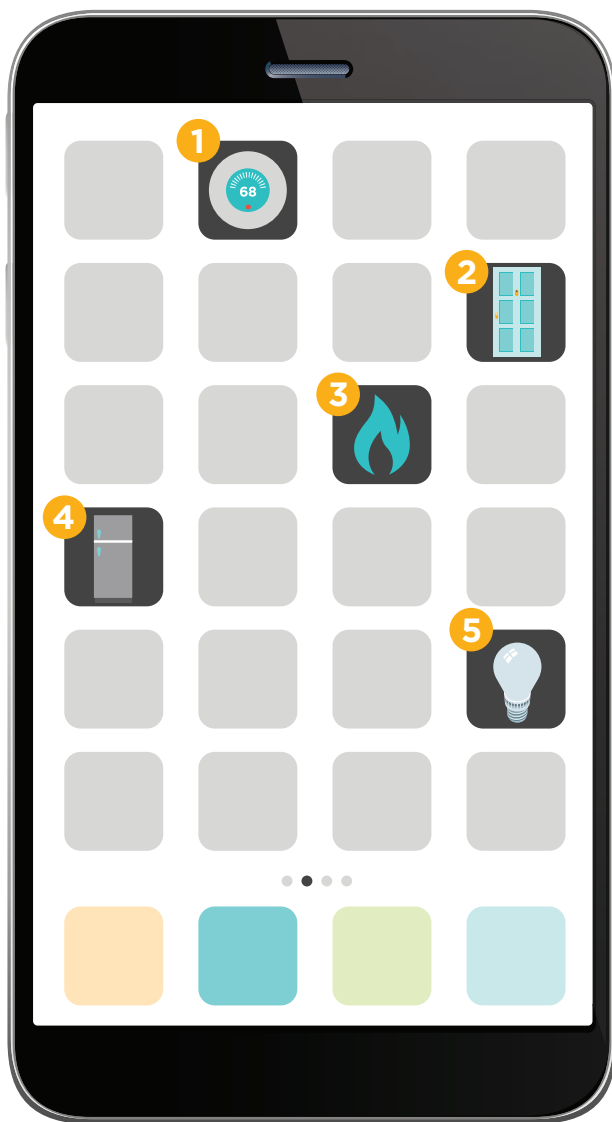
Get it on Google Play

Download on the App Store

The JCE logo, which consists of a stylized sunburst or starburst design with the letters 'JCE' in the center.

SMART HOME TECH APPS

Smart home technologies are continuously improving, but their companion mobile apps are taking convenience to a whole new level. Let's take a look at some of the latest app functionalities.



1 Smart Thermostat Apps: Geofencing is great enhancement for smart thermostat apps. Set a boundary with your smartphone and when you leave the boundary, the thermostat switches to away or return mode.

2 Smart Security Apps: Video doorbells are becoming increasingly popular, allowing consumers to keep a watchful eye from anywhere. Smart security apps send alerts to signal activity outside your home, giving you peace of mind.

3 Smart Smoke and CO Sensor Apps: These apps have the ability to send alerts, conduct status checks and silence alarms - even when you're away.

4 Smart Appliance Apps: App functionality depends on the appliance. Refrigerator cameras allow you to see what needs to be stocked (while grocery shopping!), and smart dryers can sense when electric use is high and turn off.

5 Smart Lighting Apps: Control lighting options for individual rooms, adjust brightness and color, create lighting scenes based on mood - all from the convenience of your smartphone.



AMERICA'S ELECTRIC
COOPERATIVES

5 STEPS FOR SAFE DIGGING

Working on an outdoor project? Careless digging poses a threat to people, pipelines and underground facilities. Always call 8-1-1 first. Here are five easy steps for safe digging:



1. NOTIFY

Call 8-1-1 or make a request online two to three days before your work begins. The operator will notify the utilities affected by your project.

2. WAIT

Wait two to three days for affected utilities to respond to your request. They will send a locator to mark any underground utility lines.



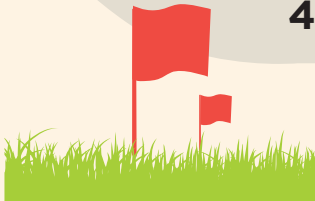
3. CONFIRM

Confirm that all affected utilities have responded to your request by comparing the marks to the list of utilities the 8-1-1 call center notified.



4. RESPECT

Respect the markers provided by the affected utilities. The markers are your guide for the duration of your project.



5. DIG CAREFULLY

If you can't avoid digging near the markers (within 18-24 inches on all sides, depending on state laws), consider moving your project location.



Source: call811.com



AMERICA'S ELECTRIC COOPERATIVES

**Our office
will be closed
Monday,
September 3,
for Labor Day**

**★ HAPPY ★
LABOR
DAY**