

July 18, 2019

Electric Cooperatives and the Monarch Butterfly CCAA

Wildlife & Energy Interaction Symposium
Kansas City, MO

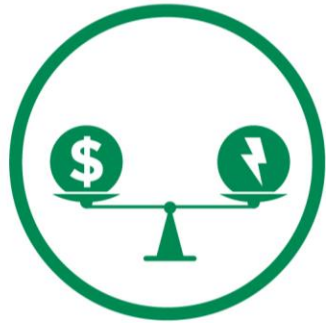
Stephanie Crawford

Senior Regulatory Manager, NRECA

Overview

- Some facts and figures
- NRECA's involvement in the monarch butterfly CCAA
- Cooperatives creating pollinator habitat
- Consortia as a unique value proposition

America's Electric Cooperatives



**At-cost
electric service**



**Locally
governed**



**Return excess
revenue**



**Community
builders**

Electric cooperatives are community-focused organizations that work to efficiently deliver affordable and reliable electricity to consumer-members of the co-op. They operate for the benefit of people, not investors.

America's Electric Cooperatives



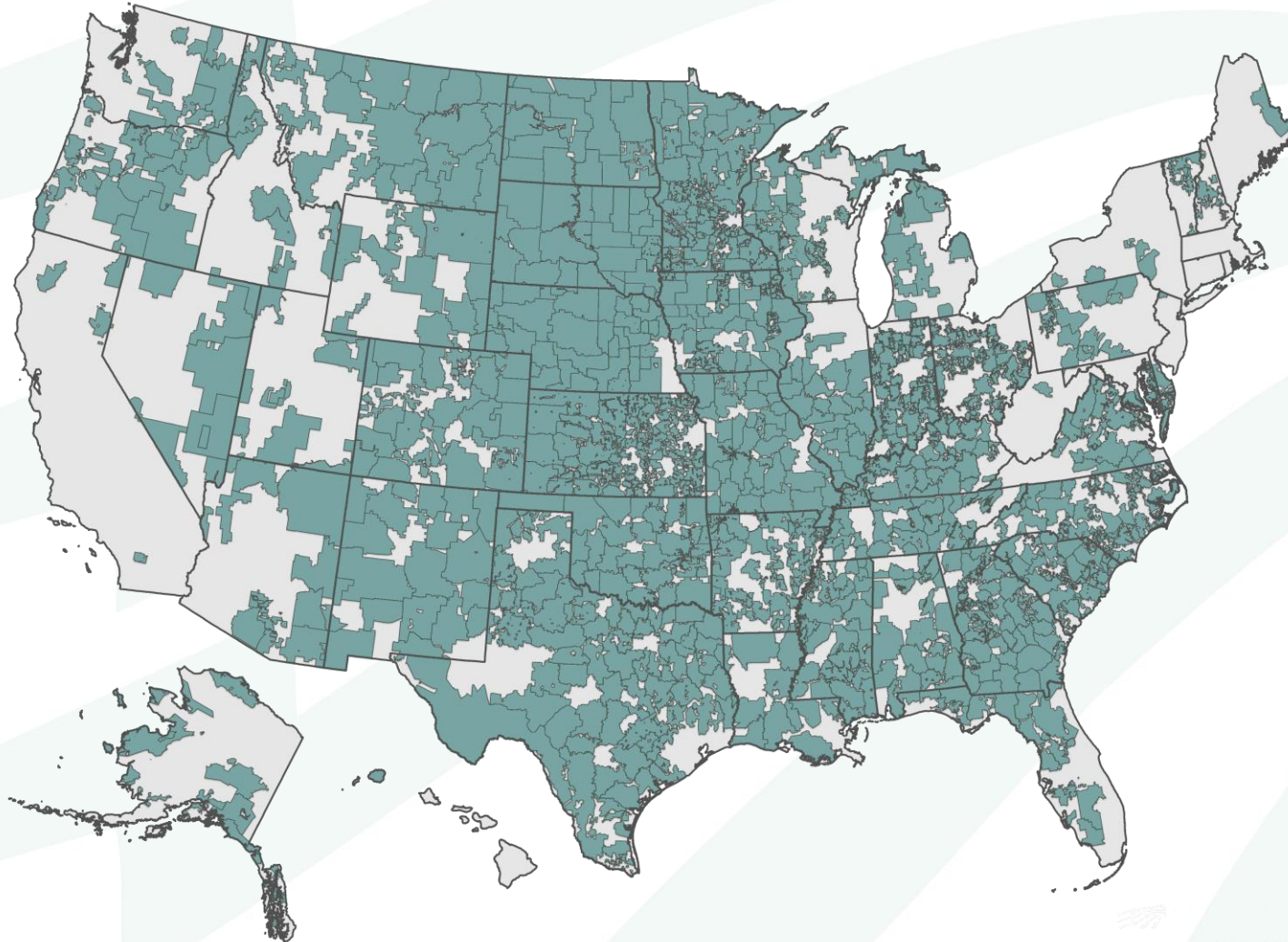
Nearly

900 electric co-ops
serve 1 in 8 U.S. residents

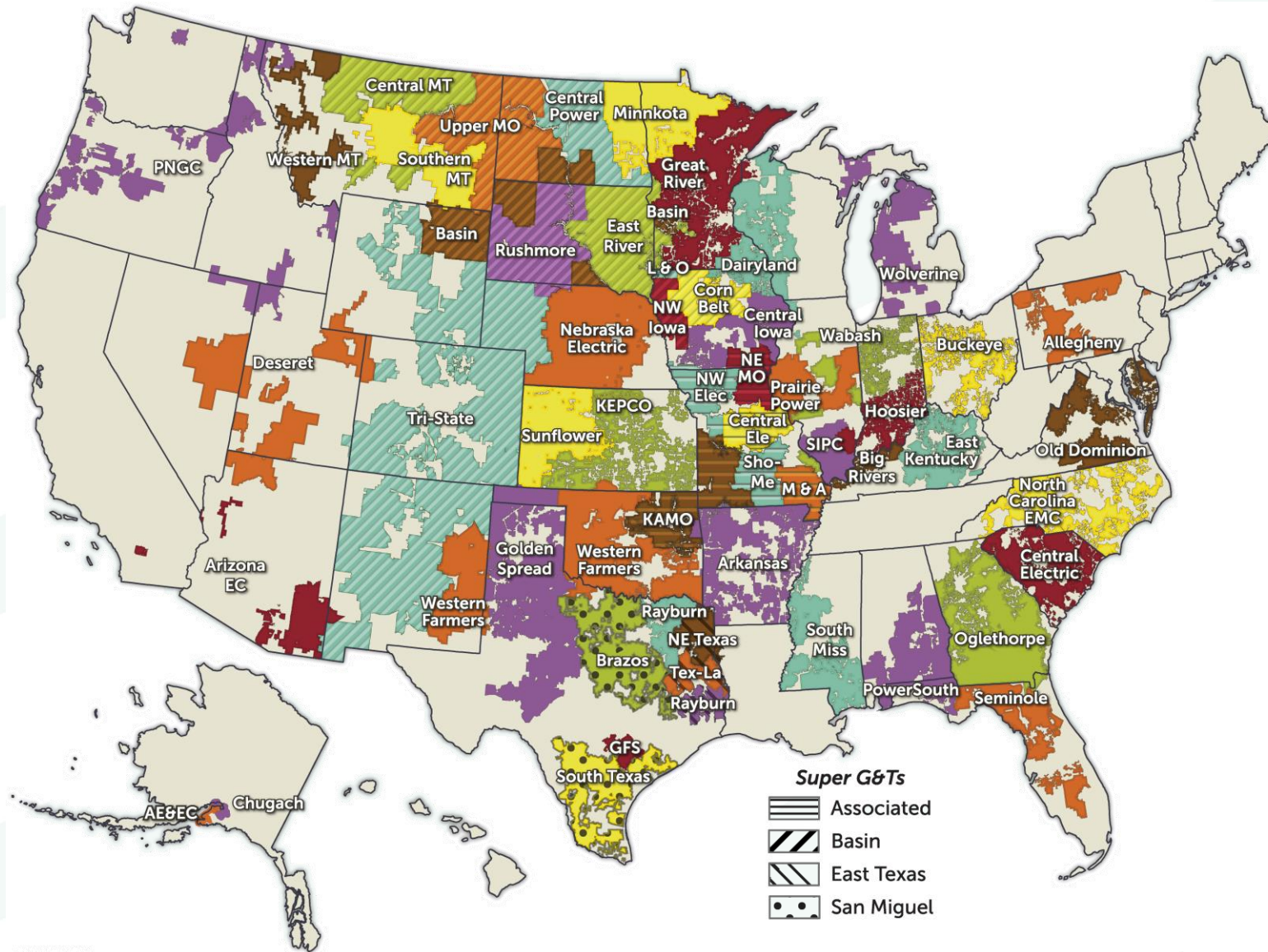
in rural and exurban communities alike

Distribution Cooperatives

831+ distribution cooperatives serve 42 million people across 48 states.



Generation & Transmission (G&T) Cooperatives



NRECA Joined the CCAA Advisory Team in 2018



Co-ops are already creating pollinator habitat...

Dairyland Power Cooperative



Co-ops are already creating pollinator habitat...

Dairyland Power Cooperative



Co-ops are already creating pollinator habitat...

Dairyland Power Cooperative



Co-ops are already creating pollinator habitat...

East Kentucky Power Cooperative



Co-ops are already creating pollinator habitat...

Wolverine Power Cooperative



Co-ops are already creating pollinator habitat...

Wolverine Power Cooperative



Co-ops are already creating pollinator habitat...

Wolverine Power Cooperative



Co-ops are already creating pollinator habitat...

Wolverine Power Cooperative



Photo courtesy Wolverine Power Cooperative

Co-ops are already creating pollinator habitat...

Connexus Energy



Photo courtesy Rob Davis, Fresh Energy

Co-ops are already creating pollinator habitat...

Craighead Electric Cooperative

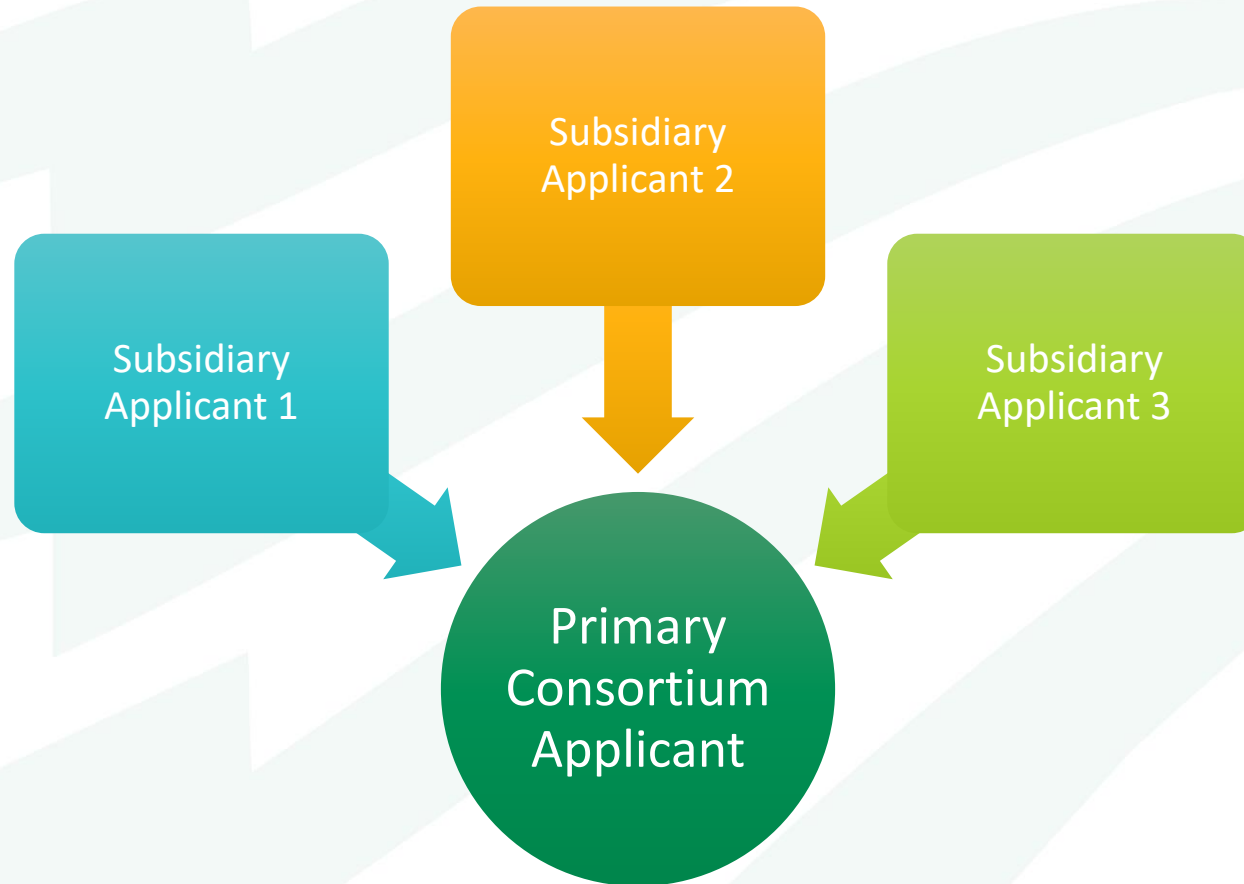


Photo by Today's Power



Consortium Applications and the CCAA

Groups of organizations can apply to the CCAA in consortiums.



Consortium applicants are likely to be...

- **Cooperatives** (G&T and distribution member systems)
- **Departments of Transportation** (state DOT and local or county road authorities)
- **Energy corporations with subsidiary companies**

Advantages of Consortia

- **Cost share the administrative fee**
- **Work with a “partner” as opposed to “going it alone”**
- **Resource constraints**
 - Financial
 - Staff time – reporting, tracking, monitoring
 - Expertise
- **Build on early successes and lessons learned**

Comparing CCAA Admin Fees: Example 1

G&T	Distribution Co-op	Consortium (G&T + Distribution Co-op)
System Acres: 20,042 acres <ul style="list-style-type: none"> • G: 600 acres • T: 19,442 acres • D: 0 acres 	System Acres: 11,747 acres <ul style="list-style-type: none"> • G: 60 acres • T: 0 acres • D: 11,687 acres 	System Acres: 31,789 acres <ul style="list-style-type: none"> • G: 660 acres • T: 19,442 acres • D: 11,687 acres
Adopted Acres: 3,554 acres <ul style="list-style-type: none"> • G: 54 adopted acres • T: 3,500 adopted acres • D: 0 adopted acres 	Adopted Acres: 122 acres <ul style="list-style-type: none"> • G: 5.4 adopted acres • T: 0 adopted acres • D: 117 adopted acres 	Adopted Acres: 3,676 acres <ul style="list-style-type: none"> • G: 59.4 adopted acres • T: 3,500 adopted acres • D: 117 adopted acres
Admin Fee (Year 1): \$15,108	Admin Fee (Year 1): \$5,732	Admin Fee (Year 1): \$15,352
Admin Fee (Year 2+): \$12,108	Admin Fee (Year 2+): \$2,732	Admin Fee (Year 2+): \$12,352

Comparing CCAA Admin Fees: Example 2

G&T	Distribution Co-op	Consortium (G&T + 5 Distribution Co-ops)
System Acres: 20,042 acres <ul style="list-style-type: none"> • G: 600 acres • T: 19,442 acres • D: 0 acres 	System Acres: 11,747 acres <ul style="list-style-type: none"> • G: 60 acres • T: 0 acres • D: 11,687 acres 	System Acres: 78,779 acres <ul style="list-style-type: none"> • G: 900 acres • T: 19,442 acres • D: 58,436 acres
Adopted Acres: 3,554 acres <ul style="list-style-type: none"> • G: 54 adopted acres • T: 3,500 adopted acres • D: 0 adopted acres 	Adopted Acres: 122 acres <ul style="list-style-type: none"> • G: 5.4 adopted acres • T: 0 adopted acres • D: 117 adopted acres 	Adopted Acres: 4,165 acres <ul style="list-style-type: none"> • G: 81 adopted acres • T: 3,500 adopted acres • D: 584 adopted acres
Admin Fee (Year 1): \$15,108	Admin Fee (Year 1): \$5,732	Admin Fee (Year 1): \$16,330
Admin Fee (Year 2+): \$12,108	Admin Fee (Year 2+): \$2,732	Admin Fee (Year 2+): \$13,330

Member Outreach



COOPERATIVE.COM

MY BENEFITS ↗ MEMBER LOGIN

WEB-BASED LEARNING

Understanding the Monarch Butterfly Candidate Conservation Agreement with Assurances (CCA)

REGISTER

DATE(S)
June 27, 2019 2:00 pm - 3:00 pm ET

Overview

By December 2021, the monarch butterfly may be listed under the Endangered Species Act (ESA). If the monarch butterfly is listed, it could significantly impact electric cooperatives' ability to manage transmission and distribution rights-of-way in a cost-effective manner. Participation in the Monarch Butterfly Candidate Conservation Agreement with Assurances (CCA) may



NRECA

ALONG THOSE LINES

Saving the Monarch Butterfly

30 ↶

00:00:00 / 00:23:05

Questions?

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