

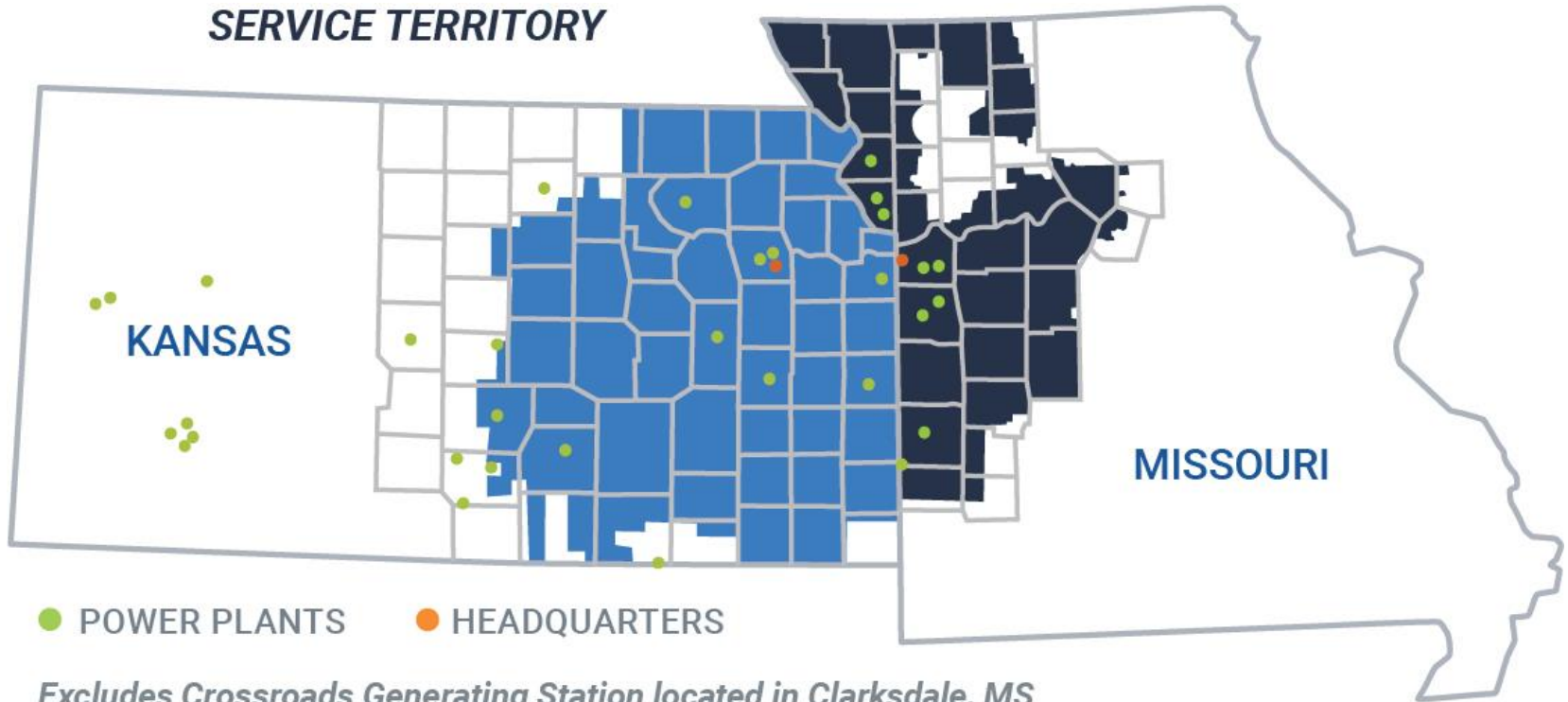


Pollinator Conservation and Monarch CCAA: A Company's Perspective

*Wildlife and Energy Interaction Symposium
July 18, 2018*

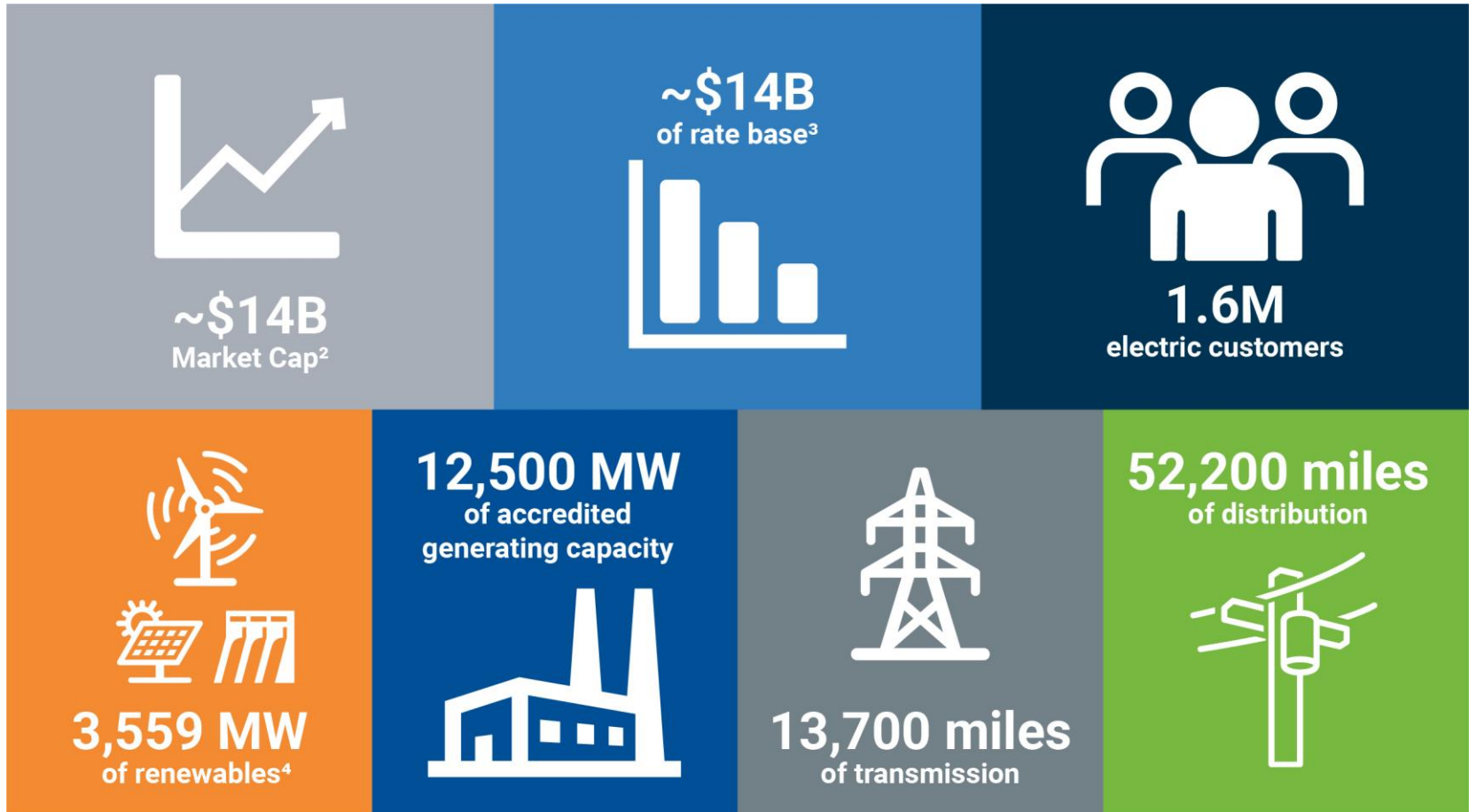


Combined Service Territory



*Excludes Crossroads Generating Station located in Clarksdale, MS
and Spring Creek Energy Center located in Logan County, OK*

Energy Stats¹



1. Operating metrics combine Westar Energy and Great Plains Energy as of 12/31/18.
2. Market cap as of 3/31/19.
3. Estimated rate base based on ordered and settled rate cases.
4. Renewables include both owned and purchase power agreements as of 12/31/18. Additionally, we expect total renewables will be over 4,000 megawatts by 2021.



Overview

- “Talking Pollinators” at an Energy Company
- Company Conservation Efforts
- Monarch CCAA Implementation
- Pollinator Opportunities

 Pollinators?

This is what your grocery store looks like **WITHOUT BEES**



Pollinators?

↓ IF THESE GO EXTINCT ↓



↓ THESE GO EXTINCT ↓



FINALLY GOT YOUR ATTENTION? SHARE THIS!
7 SPECIES OF BEES ARE NOW ON THE ENDANGERED SPECIES LIST



Pollinators?



Company Conservation Efforts



Monarch Conservation

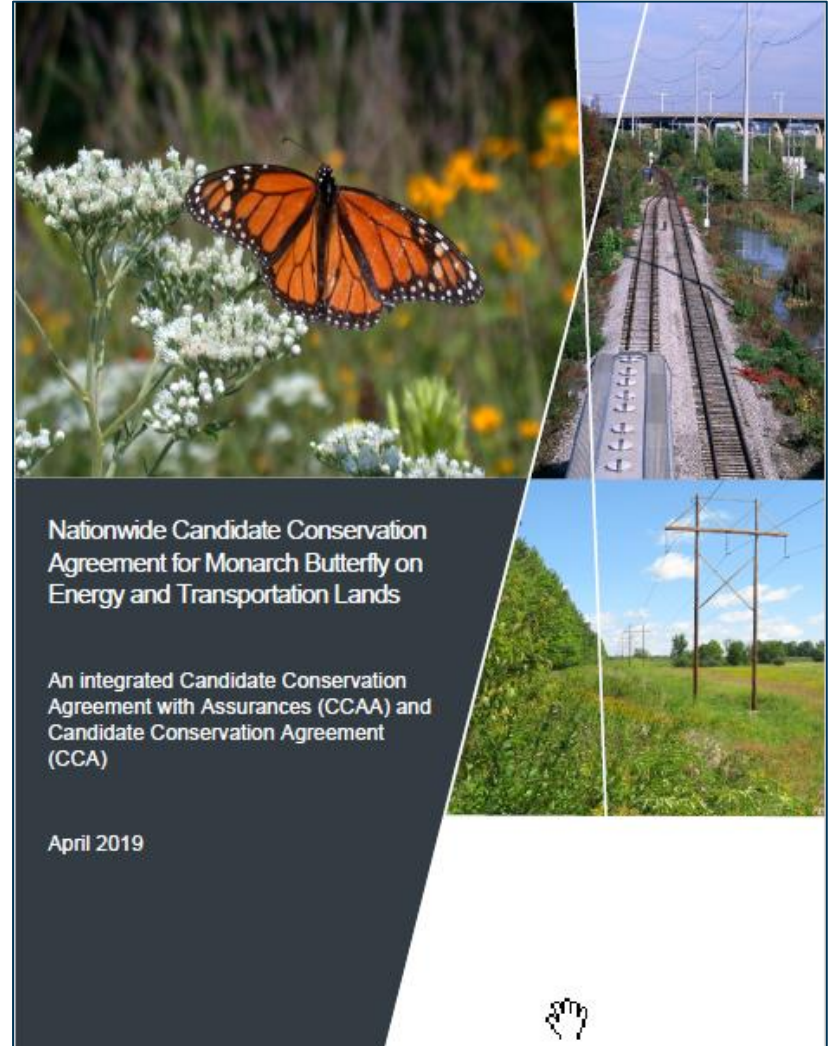
DRAFT

Kansas Monarch Conservation Plan



Prepared through a collaborative effort of the Kansas Monarch Taskforce Working Groups


April 2019



Nationwide Candidate Conservation Agreement for Monarch Butterfly on Energy and Transportation Lands

An integrated Candidate Conservation Agreement with Assurances (CCAA) and Candidate Conservation Agreement (CCA)

April 2019





Adopted Acres – What’s Required?

Adoption Rate Approach	Transmission	Distribution	Generation	Highways (Interstate, U.S., State)	Highways (County, Local)	Rail
CCAA/CCA Adoption Rates	18%	1%	9%			

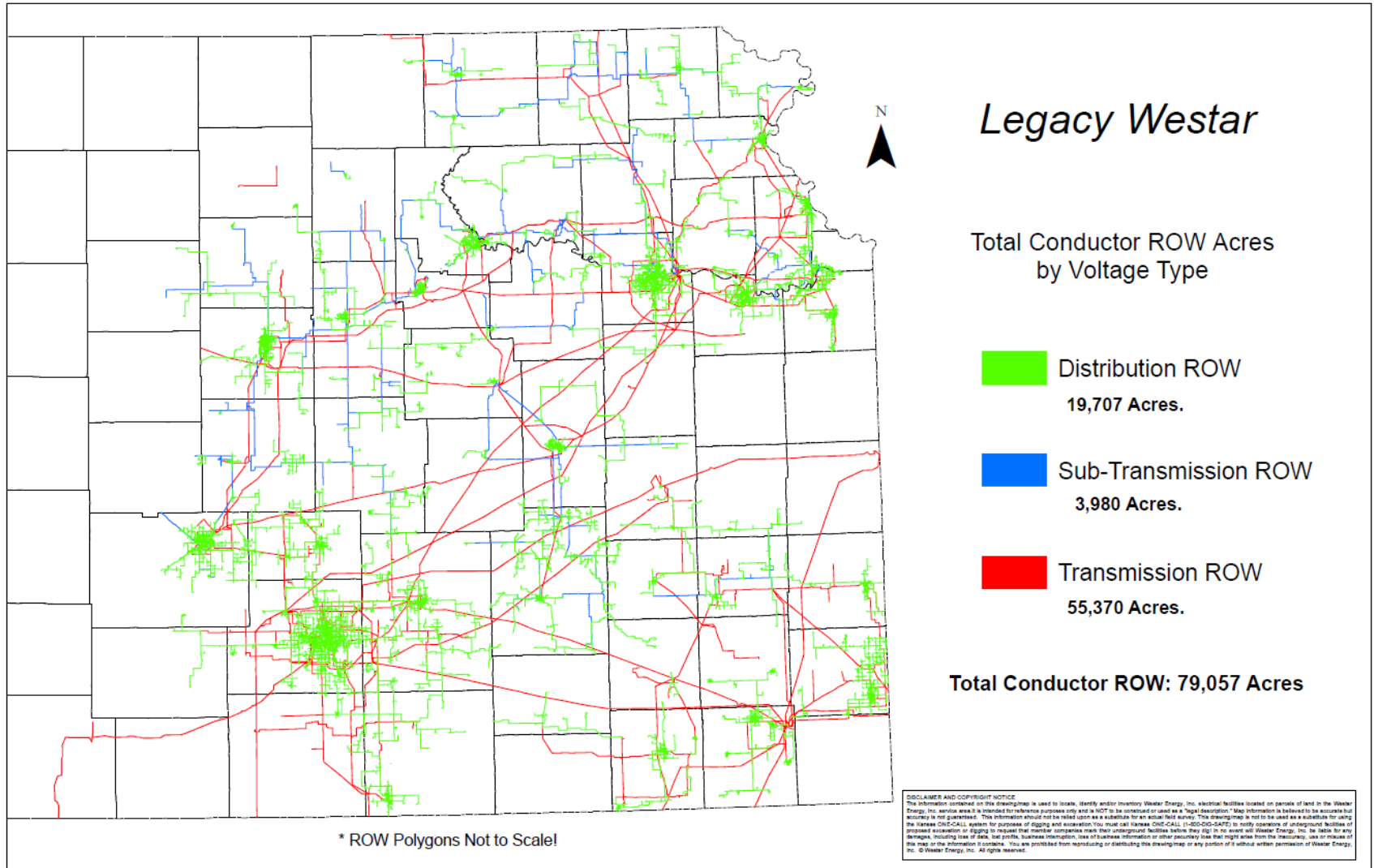
Acres
Enrolled - 59,357 19,707 23,092

Acres
Adopted - 17,409 2,113 7,713

**Current
Estimates - 29% 10% 3%**

*Does not include:
KCP&L T/D
Substations
all KCP&L Generation*

Enrolled Acres





What Conservation Measures are Expected?

Threats: General loss of habitat
Loss of habitat through herbicide use
Loss of habitat through mowing

Conservation Measure	
Seeding and planting to restore or create habitat	ROW construction restoration Conversion of existing vegetation New habitat establishment
Conservation mowing to enhance floral resource habitat	Conservation mowing (Generation/Substation)
Targeted herbicide treatments	ROW management Grassland management (Generation)
Prescribed burning to promote suitable habitat	Prescribed burning (Generation)
Controlled grazing to promote suitable habitat	Grazing management plans (Generation)
Brush removal to promote suitable habitat	ROW management (Transmission) Grassland management (Generation)
Suitable habitat set-asides (temporary or permanent)	ROW management (Transmission) Grassland management (Generation)



Monitoring Areas – What's Required?

~ 28,000 adopted acres

Estimated Adopted Acres	Anticipated No. of Samples
Less than 1,000	10
1,001 to 10,000	30
10,001 to 30,000	50
30,001 to 60,000	70
60,001 or more	70



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Monarch Habitat Working Group

- Transmission/Substation Construction
- Vegetation Management
- Generation
- Facilities
- Distribution
- Corporate Communications
- “Evergy Leadership”

1. *Guide the development of an Implementation Plan.*
2. *Facilitate communication between workgroups.*
3. *Look for opportunities.*





Opportunities – Greenwood Energy Center



- Greenwood, Missouri
- ~ 3.9 acres
- Currently cool-season mowed lawn
- Converting to native warm-season pollinator habitat
- Reduce mowing costs





Opportunities – Pleasant Hill Energy Center



- Pleasant Hill, Missouri
- ~ 3.7 acres
- Currently cool-season and early-successional annual grasses; some buffalo grass





Questions?

