

## MARKETS & OPERATIONS POLICY COMMITTEE MEETING (MOPC)

Jan. 17, 8:00 a.m. - 5:00 p.m. CT | Jan. 18, 8:00 a.m. - 12:00 p.m. CT

Oklahoma City, Skirvin Hilton and Webex

# MINUTES MATERIALS

## ADMINISTRATIVE

### 1. Administrative

Chair Alan Myers (ITC Great Plains) called the meeting to order at 8:05 a.m. He and MOPC staff secretary Lanny Nickell (SPP) reviewed proxies, new members, action items, the Revision Request (RR) summary, and results of the 2022 MOPC effectiveness survey.

## APPROVAL ITEMS

### 2. Consent Agenda

Robert Pick (Nebraska Public Power District) asked to pull RR505 from the consent agenda. Matt Pawlowski (NextEra Energy Resources) moved to approve the consent agenda excluding RR505. Jim Jacoby (American Electric Power) seconded the motion. The motion passed unanimously. Jared Cooley (Xcel Energy) moved to approve RR505. Steve Sanders (Western Area Power Administration) seconded the motion. The motion passed with 95% approval.

- a. Oct. 2022 meeting minutes
- b. **Improved Resource Availability Task Force**  
RR519 – Annual resource real-time availability report (RPA 2.13, SIR223)
- c. **Market Working Group**
  - i. RR529 – Annual market design clean up
  - ii. RR526/SIR 372 – Minimum MW and performance requirements
- d. **Project Cost Working Group**  
RR528 – BP 7060 reevaluation references & section 11 & 13 changes
- e. **Regional Tariff Working Group**
  - i. RR523 – Attachment V generator interconnection agreement indemnification
  - ii. RR522 – Attachment AO clarification
- f. **Transmission Owner Selection Task Force (TOSPTF)**  
TOSPTF scope extension
- g. **Transmission Working Group**
  - i. RR505 – Remedial action scheme (RAS) criteria

- ii. RR525 – Remove obsolete Business Practices
- iii. ITP Manual waiver for market powerflow models
- iv. Sponsored upgrade study SUS-035 Cimarron

3. **Economic Studies Working Group**

Casey Cathey (SPP) and Calvin Daniels (Western Farmers Electric Cooperative) presented the 2024 Integrated Transmission Plan scope. Jim Jacoby (American Electric Power) moved to approve the 2024 Integrated Transmission Plan scope. Steve Gaw (Advanced Power Alliance) seconded the motion. The motion passed unanimously.

4. **Staff**

Casey Cathey (SPP) & Keith Collins (SPP MMU) presented RR536–Sufficiency valuation curve method (Market Monitoring Unit) and RR537–Deficiency payment non-violation. Mo Awad (Eversource) moved and John Varnell (Tenaska) seconded to defer action on RR536 and RR537 to a special MOPC meeting to be scheduled after the upcoming Cost Allocation Working Group and Supply Adequacy Working Group meetings and prior to the Regional State Committee (RSC)/Board of Directors meetings. The motion passed unanimously.

5. **Regional Allocation Review Task Force**

Richard Ross (American Electric Power), Paul Suskie (SPP) presented the Regional Cost Allocation Review (RCAR) 3 Report. Richard Ross moved and Jarred Cooley (Xcel Energy) moved to accept the RCAR III Final Report as drafted and that the study has been completed as required by the SPP Tariff and under the methodology approved by the RARTF, MOPC and RSC. The motion passed with 96% approval.

6. **Staff**

Casey Cathey (SPP) presented the 2023 SPP Transmission Expansion Plan report. Derek Brown (Eversource) moved and Brian Johnson (American Electric Power) seconded a motion to endorse the 2023 SPP Transmission Expansion Plan report as documentation of completion of the Attachment O STEP requirements. The motion passed with 97% approval.

## INFORMATIONAL

7. **Staff**

CJ Brown (SPP) discussed winter storm Elliott, which impacted the SPP region's operations in December 2022.

8. **Staff**

Charles Yeung (SPP) reviewed winter weather-related activities of the North American Electric Reliability Corporation and North American Energy Standards Board.

9. **Staff**

Micha Bailey (SPP) gave an update on HITT M1: Implement congestion hedging improvements.

10. **Holistic Integrated Tariff Team**

Paul Suskie (SPP) updated the group on the HITT program.

11. **Staff**

Bruce Rew (SPP) discussed SPP’s recent efforts regarding the SPP Regional Transmission Organization’s expansion into the West.

12. **Staff**

David Kelley (SPP) provided an update on the SPP-MISO Joint Targeted Interconnection Queue project.

13. **Staff**

Juliano Freitas (SPP) discussed the latest on the generator interconnection queue.

14. **Staff**

Casey Cathey (SPP) gave the Integrated Transmission Planning quarterly report.

15. **Staff**

Sunny Raheem (SPP) updated MOPC on the Strategic and Creative Re-engineering of Integrated Planning program.

16. **Future Grid Strategy Advisory Group (FGASG)**

Mark Ahlstrom (NextEra Energy Resources), FGASG chair, discussed “grid of the future” strategic opportunities and previewed the group’s upcoming report.

17. **Staff**

Lanny Nickell (SPP) reviewed some of the projects and issues MOPC can expect to see in 2023.

## WRITTEN REPORTS

18. **Deliverability Task Force**.....Alan Myers (ITC Great Plains)

19. **Market Working Group** action item update & RR cost summary ..... Richard Ross (AEP)

20. **Project Cost Working Group** Q1 2023 report & appendix 1 ..... Brian Johnson (AEP)

21. **Transmission Owner Selection Process Task Force** ..... Brian Johnson (AEP)

22. **Staff** Q1 2023 quarterly project tracking report & appendix 1 ..... Tammy Bright (SPP)

23. **Staff** Finance Committee capital projects dashboard ..... Dianne Branch (SPP)

24. **Staff**

- a. NTC 210582 Sunflower Electric Power Corporation withdrawal
- b. NTC 200200 & 200234 Western Farmers Electric Cooperative withdrawals

## CLOSING

Alan Myers reviewed upcoming meetings and closed the meeting at 11:48 a.m.

- o [April 10-11, 2023](#) Virtual only
- o [July 10-11, 2023](#) Omaha and virtual
- o [Oct. 16-17, 2023](#) Virtual only

<b>MOPC E-VOTE: Weighted Results</b>	
Election	<b>2. Consent Agenda</b>
Generated as of	2023-01-17 13:59:50.567
Number of voters who voted	66
TO's Voting	17
TU's Voting	49
Percentage of TU's Approving	100
Percentage of TO's Approving	100
Averaged Approval %	100

<b>Motion/Recommendation</b>	<b>Voters</b>	<b>Votes</b>	<b>YES</b>	<b>NO</b>	<b>ABSTAIN</b>
Approve consent agenda as presented, with the exception of RR505.	Transmission Owner	17	17	0	0
	Transmission User	48	48	0	1

RECOMMENDATION	PASS
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<b>MOPC E-VOTE: Raw Vote</b>		
<b>Member</b>	<b>TO/TU</b>	<b>Vote</b>
Advanced Power Alliance	Transmission User	YES
AEP Public Service Co. of Oklahoma	Transmission Owner	YES
AEP Southwestern Electric Power Co.	Transmission Owner	YES
AEP Southwestern Transmission Co.	Transmission User	YES
American Clean Power Association	Transmission User	YES
Arkansas Electric Cooperative Corporation	Transmission User	YES
Basin Electric Power Cooperative	Transmission Owner	YES
Central Power Electric Cooperative	Transmission User	YES
City of Independence MO	Transmission User	YES
Continental Resources	Transmission User	YES
Corn Belt Power Cooperative	Transmission User	YES
Crocker Wind Farm	Transmission User	YES
Dogwood Energy	Transmission User	YES
East River Electric Power Cooperative	Transmission User	YES
East Texas Electric Cooperative	Transmission User	YES
EDF Renewables	Transmission User	YES
EDP Renewables North America	Transmission User	YES
Empire District Electric Company dba Liberty Utilities	Transmission Owner	YES
Enel Green Power North America	Transmission User	YES
Engie North America	Transmission User	YES

Evergy Kansas Central (Westar)	Transmission Owner	YES
Evergy Kansas South (KGE-WESTAR)	Transmission Owner	YES
Evergy Metro (KCP&L)	Transmission Owner	YES
Evergy Missouri West (KCP&L GMO)	Transmission Owner	YES
Golden Spread Electric Cooperative	Transmission User	YES
Google Energy	Transmission User	YES
Grand River Dam Authority	Transmission Owner	YES
Heartland Consumers Power District	Transmission User	YES
ITC Great Plains	Transmission User	YES
Kansas Electric Power Cooperative (KEPCo)	Transmission User	YES
Kansas Municipal Energy Agency	Transmission User	YES
Kansas Power Pool	Transmission User	YES
Konza Transmission Company LLC	Transmission User	YES
Lincoln Electric System	Transmission User	YES
Midwest Energy	Transmission Owner	YES
Missouri Joint Municipal EUC	Transmission User	YES
Missouri River Energy Services	Transmission User	YES
Mountrail-Williams Electric Cooperative	Transmission User	YES
Municipal Energy Agency of Nebraska	Transmission User	YES
Natural Resources Defense Council, Inc.	Transmission User	YES
Nebraska Public Power District	Transmission Owner	YES
NextEra Energy Resources	Transmission User	YES
NextEra Energy Transmission Southwest	Transmission User	YES
Northeast Texas Electric Cooperative	Transmission User	YES
Northwest Iowa Power Cooperative	Transmission User	YES
NorthWestern Energy	Transmission User	YES
Oklahoma Gas & Electric- Electric Services	Transmission Owner	YES
Oklahoma Gas & Electric-Transmission	Transmission User	YES
Oklahoma Municipal Power Authority	Transmission User	YES
Omaha Public Power District	Transmission Owner	YES
People's Electric Cooperative	Transmission User	YES
Prairie Wind Transmission	Transmission User	YES
Saskatchewan Power Corporation	Transmission User	YES
Southern Power	Transmission User	YES
Southwest Transmission LLC	Transmission User	YES
Sunflower Electric Power Corp	Transmission Owner	YES
Tenaska Power Services Co.	Transmission User	YES
Transource Energy	Transmission User	YES
Transource Missouri	Transmission User	YES
Transource Oklahoma	Transmission User	YES
Tri-State Generation and Transmission Association	Transmission User	YES

Western Area Power Administration	Transmission Owner	YES
Western Farmers Electric Cooperative	Transmission Owner	YES
Xcel Energy Southwest Transmission Co.	Transmission User	YES
Xcel Southwestern Public Service Company	Transmission Owner	YES
XO Energy	Transmission User	Abstain

<b>MOPC E-VOTE: Weighted Results</b>	
Election	<b>RR505 - Remedial Action Scheme Criteria</b>
Generated as of	2023-01-17 14:01:44.01
Number of voters who voted	61
TO's Voting	17
TU's Voting	44
Percentage of TU's Approving	95.45
Percentage of TO's Approving	94.12
Averaged Approval %	94.79

<b>Motion/Recommendation</b>	<b>Voters</b>	<b>Votes</b>	<b>YES</b>	<b>NO</b>	<b>ABSTAIN</b>
Approve RR505 as presented.	Transmission Owner	17	16	1	0
	Transmission User	44	42	2	0

RECOMMENDATION	PASS
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<b>MOPC E-VOTE: Raw Vote</b>		
<b>Member</b>	<b>TO/TU</b>	<b>Vote</b>
Advanced Power Alliance	Transmission User	YES
AEP Oklahoma Transmission Co.	Transmission Owner	YES
AEP Public Service Co. of Oklahoma	Transmission Owner	YES
AEP Southwestern Electric Power Co.	Transmission Owner	YES
AEP Southwestern Transmission Co.	Transmission User	YES
American Clean Power Association	Transmission User	YES
Arkansas Electric Cooperative Corporation	Transmission User	YES
Basin Electric Power Cooperative	Transmission Owner	YES
Central Power Electric Cooperative	Transmission User	YES

City of Independence MO	Transmission User	YES
Continental Resources	Transmission User	YES
Corn Belt Power Cooperative	Transmission User	YES
Crocker Wind Farm	Transmission User	NO
Dogwood Energy	Transmission User	YES
East Texas Electric Cooperative	Transmission User	YES
EDF Renewables	Transmission User	YES
EDP Renewables North America	Transmission User	YES
Empire District Electric Company dba Liberty Utilities	Transmission Owner	YES
Enel Green Power North America	Transmission User	YES
Engie North America	Transmission User	YES
Evergy Kansas Central (Westar)	Transmission Owner	YES
Evergy Kansas South (KGE-WESTAR)	Transmission Owner	YES
Evergy Metro (KCP&L)	Transmission Owner	YES
Evergy Missouri West (KCP&L GMO)	Transmission Owner	YES
Grand River Dam Authority	Transmission Owner	YES
ITC Great Plains	Transmission User	YES
Kansas Electric Power Cooperative (KEPCo)	Transmission User	YES
Kansas Municipal Energy Agency	Transmission User	YES
Kansas Power Pool	Transmission User	YES
Konza Transmission Company LLC	Transmission User	YES
Midwest Energy	Transmission Owner	YES
Missouri Joint Municipal EUC	Transmission User	YES
Missouri River Energy Services	Transmission User	YES
Mountrail-Williams Electric Cooperative	Transmission User	YES
Municipal Energy Agency of Nebraska	Transmission User	YES
Natural Resources Defense Council, Inc.	Transmission User	YES
Nebraska Public Power District	Transmission Owner	NO
NextEra Energy Resources	Transmission User	YES
Northeast Texas Electric Cooperative	Transmission User	YES



Northwest Iowa Power Cooperative	Transmission User	YES
NorthWestern Energy	Transmission User	YES
Oklahoma Gas & Electric- Electric Services	Transmission Owner	YES
Oklahoma Gas & Electric-Transmission	Transmission User	YES
Oklahoma Municipal Power Authority	Transmission User	YES
People's Electric Cooperative	Transmission User	YES
Prairie Wind Transmission	Transmission User	YES
Saskatchewan Power Corporation	Transmission User	YES
Savion LLC	Transmission User	YES
Southern Power	Transmission User	YES
Southwest Transmission LLC	Transmission User	NO
Sunflower Electric Power Corp	Transmission Owner	YES
Tenaska Power Services Co.	Transmission User	YES
Transource Energy	Transmission User	YES
Transource Missouri	Transmission User	YES
Transource Oklahoma	Transmission User	YES
Tri-State Generation and Transmission Association	Transmission User	YES
Western Area Power Administration	Transmission Owner	YES
Western Farmers Electric Cooperative	Transmission Owner	YES
Xcel Energy Southwest Transmission Co.	Transmission User	YES
Xcel Southwestern Public Service Company	Transmission Owner	YES
XO Energy	Transmission User	YES

<b>MOPC E-VOTE: Weighted Results</b>	
Election	<b>3. 2024 Integrated Transmission Plan Scope (ESWG)</b>
Generated as of	2023-01-17 14:03:10.897
Number of voters who voted	57
TO's Voting	17
TU's Voting	40
Percentage of TU's Approving	100
Percentage of TO's Approving	100
Averaged Approval %	100

<b>Motion/Recommendation</b>	<b>Voters</b>	<b>Votes</b>	<b>YES</b>	<b>NO</b>	<b>ABSTAIN</b>
Approve the 2024 ITP Scope as presented.	Transmission Owner	15	15	0	1
	Transmission User	39	39	0	1

RECOMMENDATION	PASS
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<b>MOPC E-VOTE: Raw Vote</b>		
<b>Member</b>	<b>TO/TU</b>	<b>Vote</b>
Advanced Power Alliance	Transmission User	YES
AEP Public Service Co. of Oklahoma	Transmission Owner	YES
AEP Southwestern Electric Power Co.	Transmission Owner	YES
AEP Southwestern Transmission Co.	Transmission User	YES
American Clean Power Association	Transmission User	YES
Arkansas Electric Cooperative Corporation	Transmission User	YES
Basin Electric Power Cooperative	Transmission Owner	YES
Central Power Electric Cooperative	Transmission User	YES
City of Independence MO	Transmission User	YES
Corn Belt Power Cooperative	Transmission User	YES
Dogwood Energy	Transmission User	YES
East River Electric Power Cooperative	Transmission User	YES
East Texas Electric Cooperative	Transmission User	YES
EDF Renewables	Transmission User	YES
Empire District Electric Company dba Liberty Utilities	Transmission Owner	YES
Enel Green Power North America	Transmission User	YES
Engie North America	Transmission User	YES
Evergy Kansas Central (Westar)	Transmission Owner	YES
Evergy Kansas South (KGE-WESTAR)	Transmission Owner	YES
Evergy Metro (KCP&L)	Transmission Owner	YES
Evergy Missouri West (KCP&L GMO)	Transmission Owner	YES
Flat Ridge 2 Wind Energy (BP Wind Energy)	Transmission User	YES
Golden Spread Electric Cooperative	Transmission User	YES

Grand River Dam Authority	Transmission Owner	YES
Heartland Consumers Power District	Transmission User	YES
Kansas Electric Power Cooperative (KEPCo)	Transmission User	YES
Kansas Municipal Energy Agency	Transmission User	YES
Kansas Power Pool	Transmission User	YES
Lincoln Electric System	Transmission User	YES
Midwest Energy	Transmission Owner	YES
Missouri Joint Municipal EUC	Transmission User	YES
Mountrail-Williams Electric Cooperative	Transmission User	YES
Municipal Energy Agency of Nebraska	Transmission User	YES
Natural Resources Defense Council, Inc.	Transmission User	YES
Nebraska Public Power District	Transmission Owner	YES
NextEra Energy Transmission Southwest	Transmission User	YES
Northeast Texas Electric Cooperative	Transmission User	YES
Northwest Iowa Power Cooperative	Transmission User	YES
NorthWestern Energy	Transmission User	YES
Oklahoma Gas & Electric- Electric Services	Transmission Owner	YES
Oklahoma Gas & Electric-Transmission	Transmission User	YES
Oklahoma Municipal Power Authority	Transmission User	YES
Omaha Public Power District	Transmission Owner	YES
People's Electric Cooperative	Transmission User	YES
Prairie Wind Transmission	Transmission User	YES
Southern Power	Transmission User	YES
Sunflower Electric Power Corp	Transmission Owner	YES
Tenaska Power Services Co.	Transmission User	YES
Transource Energy	Transmission User	YES
Transource Missouri	Transmission User	YES
Transource Oklahoma	Transmission User	YES
Tri-State Generation and Transmission Association	Transmission User	YES
Walmart	Transmission User	YES
Western Area Power Administration	Transmission Owner	YES
Xcel Energy Southwest Transmission Co.	Transmission User	Abstain
Xcel Southwestern Public Service Company	Transmission Owner	Abstain

<b>MOPC E-VOTE: Weighted Results</b>	
Election	<b>4b. RR536 and RR537 - Defer action</b>
Generated as of	2023-01-17 14:04:13.11
Number of voters who voted	72
TO's Voting	18
TU's Voting	54
Percentage of TU's Approving	100
Percentage of TO's Approving	100
Averaged Approval %	100

<b>Motion/Recommendation</b>	<b>Voters</b>	<b>Votes</b>	<b>YES</b>	<b>NO</b>	<b>ABSTAIN</b>
Defer action on RR536 and RR537 to a special MOPC meeting to be scheduled on Jan. 27, after the upcoming CAWG, SAWG and RTWG meetings and prior to the RSC/BOD meetings	Transmission Owner	18	18	0	0
	Transmission User	53	53	0	1

RECOMMENDATION	PASS
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<b>MOPC E-VOTE: Raw Vote</b>		
<b>Member</b>	<b>TO/TU</b>	<b>Vote</b>
Advanced Power Alliance	Transmission User	YES
AEP Oklahoma Transmission Co.	Transmission Owner	YES
AEP Public Service Co. of Oklahoma	Transmission Owner	YES
AEP Southwestern Electric Power Co.	Transmission Owner	YES
AEP Southwestern Transmission Co.	Transmission User	YES
American Clean Power Association	Transmission User	YES
Arkansas Electric Cooperative Corporation	Transmission User	YES
Basin Electric Power Cooperative	Transmission Owner	YES
Central Power Electric Cooperative	Transmission User	YES
City of Independence MO	Transmission User	YES
City Utilities of Springfield MO	Transmission User	YES
Continental Resources	Transmission User	YES
Corn Belt Power Cooperative	Transmission User	YES
Crocker Wind Farm	Transmission User	YES
Dogwood Energy	Transmission User	YES
East River Electric Power Cooperative	Transmission User	YES
East Texas Electric Cooperative	Transmission User	YES
EDF Renewables	Transmission User	YES
EDP Renewables North America	Transmission User	YES

Empire District Electric Company dba Liberty Utilities	Transmission Owner	YES
Enel Green Power North America	Transmission User	Abstain
Engie North America	Transmission User	YES
Evergy Kansas Central (Westar)	Transmission Owner	YES
Evergy Kansas South (KGE-WESTAR)	Transmission Owner	YES
Evergy Metro (KCP&L)	Transmission Owner	YES
Evergy Missouri West (KCP&L GMO)	Transmission Owner	YES
Flat Ridge 2 Wind Energy (BP Wind Energy)	Transmission User	YES
Golden Spread Electric Cooperative	Transmission User	YES
Google Energy	Transmission User	YES
Grand River Dam Authority	Transmission Owner	YES
Heartland Consumers Power District	Transmission User	YES
ITC Great Plains	Transmission User	YES
Kansas Electric Power Cooperative (KEPCo)	Transmission User	YES
Kansas Muncipal Energy Agency	Transmission User	YES
Kansas Power Pool	Transmission User	YES
Konza Transmission Company LLC	Transmission User	YES
L and O Power Cooperative	Transmission User	YES
Lincoln Electric System	Transmission User	YES
Midwest Energy	Transmission Owner	YES
Missouri Joint Municipal EUC	Transmission User	YES
Missouri River Energy Services	Transmission User	YES
Mor-Gran-Sou Electric Co-op	Transmission User	YES
Mountrail-Williams Electric Cooperative	Transmission User	YES
Municipal Energy Agency of Nebraska	Transmission User	YES
Natural Resources Defense Council, Inc.	Transmission User	YES
Nebraska Public Power District	Transmission Owner	YES
NextEra Energy Resources	Transmission User	YES
Northeast Texas Electric Cooperative	Transmission User	YES
Northwest Iowa Power Cooperative	Transmission User	YES
NorthWestern Energy	Transmission User	YES
Oklahoma Gas & Electric- Electric Services	Transmission Owner	YES
Oklahoma Gas & Electric-Transmission	Transmission User	YES
Oklahoma Municipal Power Authority	Transmission User	YES
Omaha Public Power District	Transmission Owner	YES
People's Electric Cooperative	Transmission User	YES
Prairie Wind Transmission	Transmission User	YES
Roughrider Electric Cooperative Inc.	Transmission User	YES
Saskatchewan Power Corporation	Transmission User	YES
Savion LLC	Transmission User	YES
Southern Power	Transmission User	YES

Southwest Transmission LLC	Transmission User	YES
Sunflower Electric Power Corp	Transmission Owner	YES
Tenaska Power Services Co.	Transmission User	YES
Transource Energy	Transmission User	YES
Transource Missouri	Transmission User	YES
Transource Oklahoma	Transmission User	YES
Tri-State Generation and Transmission Association	Transmission User	YES
Walmart	Transmission User	YES
Western Area Power Administration	Transmission Owner	YES
Western Farmers Electric Cooperative	Transmission Owner	YES
Xcel Energy Southwest Transmission Co.	Transmission User	YES
Xcel Southwestern Public Service Company	Transmission Owner	YES

<b>MOPC E-VOTE: Weighted Results</b>	
Election	<b>5. Regional Cost Allocation Review (RCAR) III Report (RARTF)</b>
Generated as of	2023-01-17 14:05:57.693
Number of voters who voted	62
TO's Voting	17
TU's Voting	45
Percentage of TU's Approving	97.5
Percentage of TO's Approving	93.75
Averaged Approval %	95.63

<b>Motion/Recommendation</b>	<b>Voters</b>	<b>Votes</b>	<b>YES</b>	<b>NO</b>	<b>ABSTAIN</b>
Approve RCAR III Final Report as drafted and that the study has been completed as required by the SPP Tariff and under the methodology approved by the RARTF, MOPC and RSC.	Transmission Owner	16	15	1	1
	Transmission User	40	39	1	5

RECOMMENDATION	PASS
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<b>MOPC E-VOTE: Raw Vote</b>		
<b>Member</b>	<b>TO/TU</b>	<b>Vote</b>
Advanced Power Alliance	Transmission User	YES
AEP Oklahoma Transmission Co.	Transmission Owner	YES
AEP Public Service Co. of Oklahoma	Transmission Owner	YES
AEP Southwestern Electric Power Co.	Transmission Owner	YES
AEP Southwestern Transmission Co.	Transmission User	YES
American Clean Power Association	Transmission User	YES
Arkansas Electric Cooperative Corporation	Transmission User	YES
Basin Electric Power Cooperative	Transmission Owner	YES
Central Power Electric Cooperative	Transmission User	YES
City of Independence MO	Transmission User	Abstain
City Utilities of Springfield MO	Transmission User	NO
Corn Belt Power Cooperative	Transmission User	YES
Crocker Wind Farm	Transmission User	YES
Dogwood Energy	Transmission User	YES
East River Electric Power Cooperative	Transmission User	YES
East Texas Electric Cooperative	Transmission User	YES
EDF Renewables	Transmission User	YES
EDP Renewables North America	Transmission User	YES
Empire District Electric Company dba Liberty Utilities	Transmission Owner	NO
Enel Green Power North America	Transmission User	YES

Evergy Kansas Central (Westar)	Transmission Owner	YES
Evergy Kansas South (KGE-WESTAR)	Transmission Owner	YES
Evergy Metro (KCP&L)	Transmission Owner	YES
Evergy Missouri West (KCP&L GMO)	Transmission Owner	YES
Flat Ridge 2 Wind Energy (BP Wind Energy)	Transmission User	YES
Golden Spread Electric Cooperative	Transmission User	Abstain
Grand River Dam Authority	Transmission Owner	YES
Heartland Consumers Power District	Transmission User	YES
Kansas Electric Power Cooperative (KEPCo)	Transmission User	YES
Kansas Municipal Energy Agency	Transmission User	YES
Kansas Power Pool	Transmission User	YES
Konza Transmission Company LLC	Transmission User	Abstain
L and O Power Cooperative	Transmission User	YES
Lincoln Electric System	Transmission User	YES
Midwest Energy	Transmission Owner	Abstain
Missouri Joint Municipal EUC	Transmission User	Abstain
Missouri River Energy Services	Transmission User	YES
Municipal Energy Agency of Nebraska	Transmission User	Abstain
Natural Resources Defense Council, Inc.	Transmission User	YES
Nebraska Public Power District	Transmission Owner	YES
NextEra Energy Resources	Transmission User	YES
Northeast Texas Electric Cooperative	Transmission User	YES
Northwest Iowa Power Cooperative	Transmission User	YES
NorthWestern Energy	Transmission User	YES
Oklahoma Gas & Electric- Electric Services	Transmission Owner	YES
Oklahoma Gas & Electric-Transmission	Transmission User	YES
Oklahoma Municipal Power Authority	Transmission User	YES
Omaha Public Power District	Transmission Owner	YES
People's Electric Cooperative	Transmission User	YES
Prairie Wind Transmission	Transmission User	YES
Southern Power	Transmission User	YES
Tenaska Power Services Co.	Transmission User	YES
Transource Energy	Transmission User	YES
Transource Missouri	Transmission User	YES
Transource Oklahoma	Transmission User	YES
Tri-State Generation and Transmission Association	Transmission User	YES
Walmart	Transmission User	YES
Western Area Power Administration	Transmission Owner	YES
Western Farmers Electric Cooperative	Transmission Owner	YES
Xcel Energy Southwest Transmission Co.	Transmission User	YES



Xcel Southwestern Public Service Company	Transmission Owner	YES
XO Energy	Transmission User	YES

<b>MOPC E-VOTE: Weighted Results</b>	
Election	<b>6. 2023 SPP Transmission Expansion Plan (STEP) Report (Staff)</b>
Generated as of	2023-01-17 14:05:08.87
Number of voters who voted	67
TO's Voting	18
TU's Voting	49
Percentage of TU's Approving	100
Percentage of TO's Approving	94.12
Averaged Approval %	97.06

<b>Motion/Recommendation</b>	<b>Voters</b>	<b>Votes</b>	<b>YES</b>	<b>NO</b>	<b>ABSTAIN</b>
Endorse the 2023 SPP Transmission Expansion Plan (STEP) Report as documentation of the completion of the Attachment O STEP requirements.	Transmission Owner	17	16	1	1
	Transmission User	48	48	0	1

RECOMMENDATION	PASS
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<b>MOPC E-VOTE: Raw Vote</b>		
<b>Member</b>	<b>TO/TU</b>	<b>Vote</b>
Advanced Power Alliance	Transmission User	YES
AEP Oklahoma Transmission Co.	Transmission Owner	YES
AEP Public Service Co. of Oklahoma	Transmission Owner	YES
AEP Southwestern Electric Power Co.	Transmission Owner	YES
AEP Southwestern Transmission Co.	Transmission User	YES
American Clean Power Association	Transmission User	YES
Arkansas Electric Cooperative Corporation	Transmission User	YES
Basin Electric Power Cooperative	Transmission Owner	YES
Central Power Electric Cooperative	Transmission User	YES
City of Independence MO	Transmission User	YES
City Utilities of Springfield MO	Transmission User	YES
Corn Belt Power Cooperative	Transmission User	YES
Crocker Wind Farm	Transmission User	YES
Dogwood Energy	Transmission User	YES
East River Electric Power Cooperative	Transmission User	YES
East Texas Electric Cooperative	Transmission User	YES
EDF Renewables	Transmission User	YES
EDP Renewables North America	Transmission User	YES
Empire District Electric Company dba Liberty Utilities	Transmission Owner	NO
Enel Green Power North America	Transmission User	YES
Evergy Kansas Central (Westar)	Transmission Owner	YES
Evergy Kansas South (KGE-WESTAR)	Transmission Owner	YES

Evergy Metro (KCP&L)	Transmission Owner	YES
Evergy Missouri West (KCP&L GMO)	Transmission Owner	YES
Flat Ridge 2 Wind Energy (BP Wind Energy)	Transmission User	YES
Google Energy	Transmission User	YES
Grand River Dam Authority	Transmission Owner	YES
Heartland Consumers Power District	Transmission User	YES
ITC Great Plains	Transmission User	YES
Kansas Electric Power Cooperative (KEPCo)	Transmission User	YES
Kansas Municipal Energy Agency	Transmission User	YES
Kansas Power Pool	Transmission User	YES
Konza Transmission Company LLC	Transmission User	YES
L and O Power Cooperative	Transmission User	YES
Lincoln Electric System	Transmission User	YES
Midwest Energy	Transmission Owner	YES
Missouri Joint Municipal EUC	Transmission User	YES
Missouri River Energy Services	Transmission User	YES
Mor-Gran-Sou Electric Co-op	Transmission User	YES
Mountrail-Williams Electric Cooperative	Transmission User	YES
Municipal Energy Agency of Nebraska	Transmission User	YES
Natural Resources Defense Council, Inc.	Transmission User	YES
Nebraska Public Power District	Transmission Owner	YES
NextEra Energy Resources	Transmission User	YES
Northeast Texas Electric Cooperative	Transmission User	YES
Northwest Iowa Power Cooperative	Transmission User	YES
NorthWestern Energy	Transmission User	YES
Oklahoma Gas & Electric- Electric Services	Transmission Owner	YES
Oklahoma Gas & Electric-Transmission	Transmission User	YES
Oklahoma Municipal Power Authority	Transmission User	YES
Omaha Public Power District	Transmission Owner	YES
People's Electric Cooperative	Transmission User	YES
Prairie Wind Transmission	Transmission User	YES
Roughrider Electric Cooperative Inc.	Transmission User	YES
Saskatchewan Power Corporation	Transmission User	YES
Southern Power	Transmission User	YES
Sunflower Electric Power Corp	Transmission Owner	YES
Tenaska Power Services Co.	Transmission User	YES
Transource Energy	Transmission User	YES
Transource Missouri	Transmission User	YES
Transource Oklahoma	Transmission User	YES
Tri-State Generation and Transmission Association	Transmission User	YES
Walmart	Transmission User	YES
Western Area Power Administration	Transmission Owner	YES
Western Farmers Electric Cooperative	Transmission Owner	YES
Xcel Energy Southwest Transmission Co.	Transmission User	Abstain

Xcel Southwestern Public Service Company	Transmission Owner	Abstain
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**SOUTHWEST POWER POOL, INC.**  
**MARKETS AND OPERATIONS POLICY COMMITTEE**  
 Jan. 17-18, 2023  
 Oklahoma City, Skirvin Hilton

## ATTENDANCE LIST

NAME	COMPANY
CASEY CATHEY	SOUTHWEST POWER POOL
Bruce Rew	Southwest Power Pool
C.S. Brown	Southwest Power Pool
Mike Riley	SPP
Antoine Lucas	SPP
DAVID Kelley	SPP
JOSHUA PHILLIPS	Southwest Power Pool
Holly Carney	SPP
Sunny Raheem	SPP
JOSHUA HIPWELL	NPPD
Jasser Behbar	SPP
STEVE JOHNSON	SPP
Tom Christensen	Basin Electric
Adam Sapp	OGE
RYAN BENTON	OGE
John Knofczynski	EREPC
C. Patrick Woods	ITC Holdings
Denise Buffington	Evergy
Wendy Shumate	Enbridge
PATRICK CREAMY	FERC
MICHAEL WISE	GSEC

NAME	COMPANY
David Nilsson	Adapt2
Jessica Meyer	Lincoln Electric System
Barbara Suag	SPP
Ray Hepper	SPP Director
Elizabeth J. Moore	SPP Director
Tara Smith	SPP
DUSTIN SMITH	SPP
Russell Carey	SPP
Derek Wingfield	SPP
Steve Wright	SPP Board
John Cuffaro	SPP Board
BILL GRANT	XO ENERGY
Jason Mazigan	Basin Electric Power Cooperative
Natasha Brown	Oklahoma Municipal Power Authority
Paul Lampe	City of Independence, Power & Light
Dennis Florom	Lincoln Electric System
Ray Bergmeier	SunPower/Kenza
Jeva Cow	APA
MATT POWERS	NEXTEON
Natasha Henderson	Golden Spread Electric Cooperative
Jim Jacoby	AEP
Jim Flycke	Energy
Derek Brown	Energy
Mo Awad	Energy
John VARNISLE	TEXAS POWER SERVICES
Robert Pick	NPPD
Steve Sanders	WAPA-UGP

NAME	COMPANY
Alan Myers	ITC Great Plains
LANNY NICKELL	SPP
Joe Lang	OIPD
Matt Caves	WFEC
Kevin Barnhoft	CBPC
JORDAN SCHMICK	XCEL ENERGY
Jarred Cooley	SPS
Emily Stuart	OGE
Bob Helton	Engie
David Mindham	EDP Renewables
Betsy Beck	Google
Christy Walsh	NRDC
Josh Hale	Southern Power
BRIAN JOHNSON	AEP
Brenda Prokop	Southwest Transmission (LS)
Brad Cochran	OGET
Bill Downing	MIDEX
Kevin Wood	People's Electric Cooperative
Aaron Doss	EMPIRE DISTRICT ELECTRIC (LIBERTY)
Larry Holloway	Kansas Power Pool
MARK BARBEE	KANSAS ELECTRIC Power Coop
Mark Hoffman	East River Electric Power Coop
BLAN DRUMM	ITC/ITC GP
NATE MORRIS	EMPIRE DISTRICT ELECTRIC Comp. (LIBERTY)
Beth Nielsen	Southwestern Power Admin
Charles Young	SPP
Cindy Ireland	AR PSC

NAME	COMPANY
Eugene Mank	NPRB
Walt Cecil	M&PSC
ADAM SCHEFFER	OPPD
Eric Bessingthwaite	OPPD
COLLIN SNIFF	OPPD
Brian Rounds	AESL Consulting
Robert Satoto	Customized Energy Solutions
Tom Kleckner	RTO Insider
Sam Ellis	SPP
Amy Reed	MWRC / SUNC
Misha Bailey	SPP
Shaunee Claiborn-Put	TX PUC
JASON CHADEN	ERC
John Stephens	CU Springfield
Paul Sustie	SPP



## **MOPC Jan. 17-18, 2023**

Aaron Ramsdell

Aaron Rome

Aaron Shipley

Adam Graff

Adam Schieffer

Ahmed Alazzawi

al tamimi

Alan Myers

Alex Crawford

Alex Watkins

Amy Newton

Andrea Harrison

Andrew French

Andrew Munro

Andy Barton

Angie Anderson

Antonio Barber

arash ghodsian

Bakhtawar Khan

Ben Bright

Ben Trowbridge

Bernard Liu

bert bressers

Betsy Beck

Bill Dowling

Bleau LaFave

Bob Anderson

Bob Wittmeyer

Brad Cochran

Brad Hans

Bradley Cochran

Bradley Payne

Brian Johnson

Brian Koz

Brian Kozlowski

Brian Rounds

Britney Lloyd

Brooke Keene

Bruce Doll

Bruce Walkup

Bryan Seamans

Caleb Dather

Calvin Daniels

Carl Huslig

Carl Stelly

Carla Holly  
Caroline Gentry  
Carrie Dixon  
Cavin Daniels  
Chad Unrein  
Chan Lee  
Charles Hendrix  
Charles Locke  
Charlie McCoy  
Chase Smith  
Chris  
Chris Bultsma  
Chris Cranford  
Chris Davis  
Chris Haley  
Chris Jones  
Chris Lyons  
christine aarnes  
Christopher Davis  
Christy Walsh  
Cindy Ireland  
Clint Savoy  
Colton Stanton  
Conner Sweet  
Cristian Navarrette  
Curt Dieren  
D Diaz  
Dan Epperson  
Dan Walter  
Daniel Epperson  
Daniel Harless  
Daniel Moore  
Daria Diaz  
Darren Buck  
David Kelley  
David Nilsson  
David Sonntag  
Debbie Currie  
Dee Edmondson  
Denise Martin  
Dennis Reed  
Derek Brown  
Derek Hawkins  
Derek Sunderman  
Derek Wingfield  
Dirk Shulund  
Don Frerking

Douglas Healy  
Drake Hill  
Drew McGilvray  
Dustin Smith  
Elizabeth Moore  
Emily Pennel  
Emily Shuart  
Emon Mahony  
Eric Bassingthwaighte  
Erica Brooks  
Erin Cathey  
Esat Guney  
Esat Serhat Guney  
Estevan Padilla  
Fultz, Joe  
Gay Anthony  
Gayle Freier  
Gayle Nansel  
George Fee  
Greg Rislov  
Heather Starnes  
Hillary Dobson  
Hweeping Won  
J Jolly Hayden  
J Purtee  
J.P. Maddock  
Jack Madden  
james hotovy  
James Staggs  
Jarred Cooley  
Jason Davis  
Jason Hebert  
Jason Mazigian  
Jason Tanner  
Jayme Huber  
Jennifer Pearson  
Jeremy Severson  
Jeremy Voll  
Jerin Purtee  
Jerry Bradshaw  
Jessica Kasperek  
Jessica Meyer  
Jill Jones  
Jill Rummel  
Jillian Janik  
Jim Flucke  
Jim Jacoby

Joe Fultz  
John Boshears  
John Knofczynski  
John Krajewski  
John Luallen  
John Roemen  
John Stephens  
John Varnell  
Jon Shipman  
Jonathan Neill  
Jonathan Shipman  
Jordan Schmick  
Josh Hipwell  
Joshua Norton  
Josie Daggett  
Justin Hinton  
Karla Juarez  
Kate Winston  
kelli schermerhorn  
Kelly Carney  
Kelsey Allen  
Kevin Bornhoft  
Kevin Murray  
Kirk Hall  
Krishada Watson  
Kristen Darden  
Kylah McNabb  
Kyle Vaughan  
Lane Sisung  
Larry Altenbaumer  
larry Holloway  
Lee Elliott  
Lee Keller  
Les Evans  
Liz Moore  
Loren Ditsch  
Maggie Berry  
Maggie Kristian  
Malcolm Ainspan  
Marcos Mora  
Marcos Mora  
Margaret Kristian  
Maria Gingras  
Marisa Choate  
Mark Eastwood  
Mark Hoffman  
Mason Fontenot

Matt Alvarado  
Matt Jackson  
matthew stoltz  
Meghan Sever  
Melie Vincent  
Micha Bailey  
Michael Lundy  
Michael McCann  
Michelle Harris  
Mick Kossan  
Mike Kraft  
Mo Awad  
Mostafa Sedighizadeh  
Natasha Brown  
Nathan McNeil  
Neeya Toleman  
Nick Parker  
Nicole Wagner  
Nikki Roberts  
Nitin Kushwaha  
Olu Fagbemi  
Pablo Ruiz  
Pat Schaub  
Patricia Schaub  
Patti Kelly  
Paul Vovk  
Ray Bergmeier  
Rebecca Atkins  
Richard Dillon  
richard ross  
Richard Ross  
Ricky Finkbeiner  
RJ  
Rob Gosselin  
Robert Anderson  
Robert Clayton  
robert helton  
Robert Pick  
Robert Safuto  
Rodney Massman  
Russell Quattlebaum  
Ryan Benton  
Ryan Johnson  
Ryan Kirk  
Ryan Yokley  
Scott Aclin  
sean erickson

seth cochran  
Seth Mayfield  
Shari Albrecht  
Shawn Geil  
Sherri Maxey  
Shonda McCain  
Sing Tay  
Steve Gaw  
Steve Johnson  
Steve Purdy  
Steve Sanders  
Sunny Raheem  
Susanna Padilla  
Tammy Bright  
Terry Wolf  
Tessie Kentner  
Test Test  
Thomas Burns  
Thomas Saitta  
Tim Brown  
Tim Owens  
Todd Pence  
Tom Christensen  
Tom Kleckner  
Tom Saitta  
Tony Alexander  
Travis Stewart  
Trisha Samuelson  
TYLER BAXTER  
Tyler Baxter CBPC  
Walt Cecil  
Will Houser  
Will Lovelace  
Will Tootle  
Will Vestal  
William Houser  
Yasser Bahbaz