

## MARKETS & OPERATIONS POLICY COMMITTEE MEETING (MOPC)

April 11, 2022 1:00 p.m. to 5:00 p.m. CST | April 12, 2022 8:00 a.m. to 5:00 p.m. CST | Webex

# MINUTES

## [Meeting Materials \(zip file\)](#)

### 1. Administrative items

Denise Buffington (Evergy) called the meeting to order at 1:03 p.m. CST. Ms. Buffington and Lanny Nickell (SPP) reviewed proxies, action items, and the meeting's Revision Requests (RR) and motions. The group congratulated Bill Grant, Regional Vice President for Xcel/Southwestern Public Service Company, on his retirement after 40 years with Xcel and 16 years with the MOPC.

## APPROVAL

### 2. Consent Agenda

- a. January 2022 meeting minutes
- b. **Economic Studies Working Group:** RR482 Resource addition request approvals
- c. **Economic Studies Working Group:** RR485 Renewable pricing
- d. **Market Working Group:** RR419 Market power of storage as a transmission asset
- e. **Market Working Group:** RR486 Network and commercial model update timing language clarification
- f. **Market Working Group:** RR487 Outage commit status clarification
- g. **Market Working Group:** RR488 Ramp capability products combined interest resource correction
- h. **Regional Tariff Working Group:** RR465 Generator interconnection self-funding
- i. **System Protection and Control Advisory Group & Operating Reliability & Transmission Working Groups:** Crossroads-Sagamore remedial action scheme retirement
- j. **Staff:** Sponsored Upgrade Study 024 Oktaha substation and transformer
- k. **Staff:** RR490 FERC Order 881 compliance
- l. **Transmission Working Group:** RR455 Generator interconnection agreement electromagnetic transient mitigations

Steve Gaw (Advanced Power Alliance) asked for item RR465 to be pulled from the consent agenda. Usha Turner (Oklahoma Gas and Electric) moved and Richard Ross (American Electric Power) seconded the motion to approve the consent agenda with RR465 removed. The consent agenda passed unanimously.

Several MOPC members discussed RR465-Generator interconnection self-funding. Alan Myers (ITC Great Plains) moved to approve RR465 as presented. Jarred Cooley (Xcel) seconded the motion, which passed with 83% approval.

### 3. **Economic Studies Working Group**

Alan Myers (ITC Great Plains) discussed the Integrated Transmission Plan (ITP) rebaseline and 2022 ITP scope revisions. Mr. Myers moved and Al Tamimi (Sunflower Electric Power) seconded the motion to approve waivers of the ITP Manual requirements to allow for a 2022 ITP reliability-only assessment and to build and assess the market powerflow models during the 2022 ITP reliability-only assessment. He also moved to approve revisions to the 2022 ITP Scope to allow for a reliability-only assessment. The motion passed with 100% approval.

Mr. Myers reviewed revisions to the 2022 20-Year Assessment scope and moved that MOPC approve the modified 2022 20-Year Assessment Scope. Al Tamimi (Sunflower Electric Power) seconded the motion. The motion passed with 99% approval.

### 4. **Market Working Group**

Richard Ross (American Electric Power) discussed Holistic Integrated Tariff Team (HITT) recommendation M1: Implement congestion hedging improvements. Natasha Henderson (Golden Spread Electric Cooperative) moved and Dennis Florom (Lincoln Electric System) seconded the motion to approve the recommendation to keep current congestion hedging market design. The motion failed with 65.6% approval.

### 5. **Project Cost Working Group**

Brian Johnson (American Electric Power) discussed the Multi-Sheldon-Monolith 115 kV line cost increase. Richard Ross (American Electric Power) moved and Jarred Cooley (Xcel Energy) seconded the motion that the SPP Board of Directors suspend all future expenditures on the Multi-Sheldon-Monolith 115 KV while SPP restudies the project to determine appropriate changes to the Notification To Construct (NTC), possible withdrawal of the NTC, or whether an alternative project should replace the project. Staff will try to complete the study by July 2022. The motion passed with 92% approval.

### 6. **Regional Tariff Working Group**

Robert Pick (Nebraska Public Power District) reviewed RR451-pooled surplus interconnection service. Jarred Cooley (Xcel) moved and Matt Pawlowski (NextEra Energy Resources) seconded the motion to approve RR451 as presented. RR451 failed with 65.6% approval.

Richard Ross (American Electric Power) moved and Natasha Henderson (Golden Spread Electric Cooperative) seconded the motion to remand RR451 to the MWG and ORWG for further discussion. The motion passed with 99% approval.

### 7. **Staff**

Nick Parker (SPP) reviewed the 2022 SPP Transmission Expansion Plan report. Noman Williams (Gridliance High Plains) moved and Richard Ross (American Electric Power) seconded the motion to endorse the 2022 SPP Transmission Expansion Plan (STEP) report as documentation of completion of the Attachment O STEP requirements. The motion passed with 97% approval.

### 8. **Staff**

Erin Cathey (SPP) reviewed the Comprehensive Roadmap. Usha Turner (Oklahoma Gas and Electric) moved and Steve Gaw (Advanced Power Alliance) seconded the motion to approve the initial

Comprehensive Roadmap list of initiatives for further refinement and assessment of resource needs. The motion passed with 99% approval.

## INFORMATIONAL

9. **Staff**

Chris Haley (SPP) gave a presentation on resource adequacy issues and performance-based accreditation.

10. **Staff**

Lee Elliott (SPP) updated the group on the Improved Resource Availability Task Force's activities.

11. **Staff**

Charles Yeung (SPP) presented an update on winter weather-related activities at the North American Electric Reliability Corporation and the North American Energy Standards Board.

12. **Staff**

Carl Stelly (SPP) gave an update on the SPP compliance department's activities.

13. **Order 2222 Task Force**

Michael Desselle (SPP) reviewed activities of the Order 2222 Task Force and the status of RR468-Order 2222 Compliance.

14. **Market Working Group**

Richard Ross (American Electric Power) gave an update on action Item 309: Compensation mechanism for generation retirements.

15. **Holistic Integrated Tariff Team**

Paul Suskie (SPP) reviewed the status of HITT projects.

16. **Staff:**

Bruce Rew (SPP) presented an update on SPP's Western services.

17. **Staff:**

Casey Cathey (SPP) discussed highlights of the Value of Transmission report.

18. **Staff:**

Nick Parker (SPP) updated the group on the 2021 ITP Crossroads-Phantom 345 kV evaluation.

19. **Staff:**

Juliano Freitas (SPP) discussed staff and stakeholder efforts to clear the generation interconnection queue backlog.

20. **Staff**

David Kelley (SPP) gave an update on the joint targeted interconnection queue project between SPP and the Midwest Independent System Operator.

## WRITTEN REPORTS

21. **Electric Storage Resources Steering Committee:** update.....Denise Buffington (Evergy)
22. **Market Working Group:** action item update & RR cost summary.....Richard Ross (AEP)
23. **Project Cost Working Group:** Q2 2022 report & appendix 1 ..... Brian Johnson (AEP)

24. **Regional Tariff Working Group:** RR234 Redirect billing (RR withdrawal).....Robert Pick (NPPD)
25. **Security Advisory Group:** update ..... Phil Clark (Electric Cooperatives of Arkansas)
26. **Staff:** Q2 2022 quarterly project tracking report & appendix 1 .....John O'Dell (SPP)
27. **Staff:** Finance Committee capital projects dashboard ..... Russell Quattlebaum (SPP)
28. **Staff:** Stakeholder prioritization update .....Amy Lasseigne (SPP)
29. **Staff:** Devil's Lake Reactor upgrade withdrawal .....John O'Dell (SPP)
30. **Staff:** Southwestern Public Service Company upgrade withdrawals .....John O'Dell (SPP)
  - a. Potash Junction 230 kV terminal upgrades
  - b. Martin-Pantex N 115 kV terminal upgrades
  - c. Pantex S-Highland 115 kV terminal upgrades
  - d. Tuco-Stanton 115 kV terminal upgrades
31. **Staff:** Okeene to Watonga 138 kV Notification to Construct modification .....John O'Dell (SPP)
32. **Strategic & Creative Re-engineering of Integrated Planning Team:** ..... Casey Cathey (SPP)
33. **Transmission Owner Selection Process Task Force:** update..... Brian Johnson (AEP)

## CLOSING

There were no new action items at the April MOPC meeting. Upcoming MOPC meetings:

- o [July 11-12, 2022](#) Denver and virtual
- o [October 10-11, 2022](#) Virtual only
- o [January 17-18, 2023](#) Oklahoma City and virtual

Ms. Buffington adjourned the meeting at 4:17 p.m.

Election	<b>2. Consent Agenda</b>
Generated as of	2022-04-15 10:08:11.883
Number of voters who voted	63
TO's Voting	17
TU's Voting	46
Percentage of TU's Approving	100
Percentage of TO's Approving	100
Averaged Approval %	100

Motion/Recommendation	Voters	Votes	YES	NO	ABSTAIN
Approve consent agenda as presented.	Transmission Owner	17	17	0	0
	Transmission User	46	46	0	0

RECOMMENDATION	PASS
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## Raw Vote Results

Company	TO/TU	Choice Name
Advanced Power Alliance	Transmission User	YES
AEP Southwestern Transmission Co.	Transmission User	YES
American Clean Power Association	Transmission User	YES
American Electric Power-OK Transmission Co.	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
DC Energy Midwest LLC	Transmission User	YES
East River Electric Power Cooperative	Transmission User	YES
East Texas Electric Cooperative	Transmission User	YES
EDF Renewables	Transmission User	YES
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	YES
Grain Belt Express Clean Line	Transmission User	YES
GridLiance High Plains	Transmission User	YES
Heartland Consumers Power District	Transmission User	YES
Kansas City Board of Public Utilities	Transmission Owner	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
Liberty Utilities	Transmission Owner	YES
Lignite Energy Council	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
Nebraska Public Power District	Transmission Owner	YES
NextEra Energy Transmission	Transmission User	YES
NextEra Energy Transmission Southwest	Transmission User	YES
Northeast Texas Electric 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
Plains and Eastern Clean Line	Transmission User	YES
Prairie Wind Transmission	Transmission User	YES
Public Service Co. of Oklahoma (AEP)	Transmission Owner	YES
Southern Power	Transmission User	YES
Southwest Transmission LLC	Transmission User	YES
Southwestern Electric Power Co. (AEP)	Transmission Owner	YES
Southwestern Public Service-Xcel Energy	Transmission Owner	YES
Sunflower Electric Power Corp	Transmission Owner	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

Election	3a. ITP Manual Waivers
Generated as of	2022-04-15 10:13:11.427
Number of voters who voted	69
TO's Voting	17
TU's Voting	52
Percentage of TU's Approving	100
Percentage of TO's Approving	100
Averaged Approval %	100

Motion/Recommendation	Voters	Votes	YES	NO	ABSTAIN
Approve waivers of the ITP Manual requirements to: 1)Allow for a 2022 ITP reliability-only assessment and 2) Build and assess the market powerflow models during the 2022 ITP reliability-only assessment. And approve revisions to the 2022 ITP Scope to allow for a reliability- only assessment.	Transmission Owner	17	17	0	0
	Transmission User	45	45	0	7

RECOMMENDATION	PASS
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## Raw Vote Results

Company	TO/TU	Choice Name
Advanced Power Alliance	Transmission User	Abstain
AEP Southwestern Transmission Co.	Transmission User	YES
American Clean Power Association	Transmission User	Abstain
American Electric Power-OK Transmission Co.	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
Dogwood Energy	Transmission User	Abstain
East River Electric Power Cooperative	Transmission User	YES
East Texas Electric Cooperative	Transmission User	YES
EDF Renewables	Transmission User	Abstain
EDP Renewables	Transmission User	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
Grain Belt Express Clean Line	Transmission User	Abstain
GridLiance High Plains	Transmission User	YES
Heartland Consumers Power District	Transmission User	YES
ITC Great Plains	Transmission User	YES
Kansas City Board of Public Utilities	Transmission Owner	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
Liberty Utilities	Transmission Owner	YES
Lignite Energy Council	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
Nebraska Public Power District	Transmission Owner	YES
NextEra Energy Transmission	Transmission User	YES
NextEra Energy Transmission Southwest	Transmission User	YES
Northeast Texas Electric 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
Prairie Wind Transmission	Transmission User	YES
Public Service Co. of Oklahoma (AEP)	Transmission Owner	YES
Roughrider Electric Cooperative Inc.	Transmission User	YES
Southern Power	Transmission User	YES
Southwest Transmission LLC	Transmission User	Abstain
Southwestern Electric Power Co. (AEP)	Transmission Owner	YES
Southwestern Public Service-Xcel Energy	Transmission Owner	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 County Electric Cooperative	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

Election	3b. 20-Year Assessment Scope
Generated as of	2022-04-15 10:20:01.99
Number of voters who voted	66
TO's Voting	16
TU's Voting	50
Percentage of TU's Approving	97.92
Percentage of TO's Approving	100
Averaged Approval %	98.96

Motion/Recommendation	Voters	Votes	YES	NO	ABSTAIN
Approve the modified 2022 20-Year Assessment Scope	Transmission Owner	16	16	0	0
	Transmission User	48	47	1	2

RECOMMENDATION	PASS
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## Raw Vote Results

Company	TO/TU	Choice Name
Advanced Power Alliance	Transmission User	YES
AEP Southwestern Transmission Co.	Transmission User	YES
American Clean Power Association	Transmission User	YES
American Electric Power-OK Transmission Co.	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 Utilities of Springfield MO	Transmission User	YES
Continental Resources	Transmission User	NO
Corn Belt Power Cooperative	Transmission User	YES
Dogwood Energy	Transmission User	Abstain
East River Electric Power Cooperative	Transmission User	YES
East Texas Electric Cooperative	Transmission User	YES
EDF Renewables	Transmission User	YES
EDP Renewables	Transmission User	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
Grain Belt Express Clean Line	Transmission User	Abstain
GridLiance High Plains	Transmission User	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
Liberty Utilities	Transmission Owner	YES
Lignite Energy Council	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
Nebraska Public Power District	Transmission Owner	YES
NextEra Energy Transmission Southwest	Transmission User	YES
Northeast Texas Electric 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
Prairie Wind Transmission	Transmission User	YES
Public Service Co. of Oklahoma (AEP)	Transmission Owner	YES
Roughrider Electric Cooperative Inc.	Transmission User	YES
Southern Power	Transmission User	YES
Southwestern Electric Power Co. (AEP)	Transmission Owner	YES
Southwestern Public Service-Xcel Energy	Transmission Owner	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 County Electric Cooperative	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

Election	<b>4. Congestion Hedging Market Design</b>
Generated as of	2022-04-11 15:20:35.54
Number of voters who voted	68
TO's Voting	17
TU's Voting	51
Percentage of TU's Approving	50
Percentage of TO's Approving	81.25
Averaged Approval %	65.6

Motion/Recommendation	Voters	Votes	YES	NO
Approve the recommendation to keep the current congestion hedging market design.	Transmission Owner	16	13	3
	Transmission User	47	23	23

RECOMMENDATION	Fail
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#### Raw Vote Results

Company	TO/TU	Choice Name
Advanced Power Alliance	Transmission User	NO
AEP Southwestern Transmission Co.	Transmission User	NO
American Clean Power Association	Transmission User	NO
American Electric Power-OK Transmission Co.	Transmission User	NO
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	NO
Continental Resources	Transmission User	NO
Corn Belt Power Cooperative	Transmission User	YES
East River Electric Power Cooperative	Transmission User	YES
East Texas Electric Cooperative	Transmission User	NO
EDF Renewables	Transmission User	NO
EDP Renewables	Transmission User	NO
Enel Green Power North America	Transmission User	NO
Engie North America	Transmission User	NO

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	NO
Golden Spread Electric Cooperative	Transmission User	YES
Grain Belt Express Clean Line	Transmission User	YES
GRDA	Transmission Owner	YES
GridLiance High Plains	Transmission User	Abstain
Heartland Consumers Power District	Transmission User	NO
ITC Great Plains	Transmission User	Abstain
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
Liberty Utilities	Transmission Owner	Abstain
Lignite Energy Council	Transmission User	YES
Lincoln Electric System	Transmission User	YES
Midwest Energy	Transmission Owner	YES
Missouri River Energy Services	Transmission User	NO
Mountrail-Williams Electric Cooperative	Transmission User	YES
Municipal Energy Agency of Nebraska	Transmission User	YES
Nebraska Public Power District	Transmission Owner	YES
NextEra Energy Resources	Transmission User	NO
NextEra Energy Transmission	Transmission User	NO
NextEra Energy Transmission Southwest	Transmission User	NO
Northeast Texas Electric Cooperative	Transmission User	NO
NorthWestern Energy	Transmission User	NO
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
Prairie Wind Transmission	Transmission User	YES
Public Service Co. of Oklahoma (AEP)	Transmission Owner	NO
Savion LLC	Transmission User	NO
Southern Power	Transmission User	NO
Southwest Transmission LLC	Transmission User	NO
Southwestern Electric Power Co. (AEP)	Transmission Owner	NO
Southwestern Public Service-Xcel Energy	Transmission Owner	NO
Sunflower Electric Power Corp	Transmission Owner	YES
Tenaska Power Services Co.	Transmission User	YES
Transource Energy	Transmission User	Abstain
Transource Missouri	Transmission User	Abstain

Transource Oklahoma	Transmission User	Abstain
Tri County Electric Cooperative	Transmission User	YES
Tri-State Generation and Transmission Associ	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	NO

<b>ABSTAIN</b>
1
5

Election	<b>5. Multi-Sheldon-Monolith 115 KV</b>
Generated as of	2022-04-15 10:23:59.033
Number of voters who voted	63
TO's Voting	17
TU's Voting	46
Percentage of TU's Approving	90.48
Percentage of TO's Approving	93.75
Averaged Approval %	92.11

Motion/Recommendation	Voters	Votes	YES	NO	ABSTAIN
Request the SPP Board of Directors suspend all future expenditures on the Multi-Sheldon-Monolith 115 KV while SPP restudies the project to determine appropriate changes to the Notification to Construct (NTC), possible withdrawal of the NTC, or whether an alternative project should replace the project. Staff will try to complete the study by July 2022.	Transmission Owner	16	15	1	1
	Transmission User	42	38	4	4

RECOMMENDATION	PASS
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## Raw Vote Results

Company	TO/TU	Choice Name
Advanced Power Alliance	Transmission User	YES
AEP Southwestern Transmission Co.	Transmission User	YES
American Clean Power Association	Transmission User	YES
American Electric Power-OK Transmission Co.	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
East River Electric Power Cooperative	Transmission User	YES
East Texas Electric Cooperative	Transmission User	YES
EDF Renewables	Transmission User	YES
EDP Renewables	Transmission User	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 Missouri West (KCP&L GMO)	Transmission Owner	YES
Flat Ridge 2 Wind Energy (BP Wind Energy)	Transmission User	Abstain
Golden Spread Electric Cooperative	Transmission User	YES
Grain Belt Express Clean Line	Transmission User	YES
GRDA	Transmission Owner	YES
GridLiance High Plains	Transmission User	YES
Heartland Consumers Power District	Transmission User	YES
ITC Great Plains	Transmission User	YES
Kansas City Board of Public Utilities	Transmission Owner	YES
Kansas Electric Power Cooperative (KEPCo)	Transmission User	YES
Kansas Power Pool	Transmission User	YES
Konza Transmission Company LLC	Transmission User	YES
L and O Power Cooperative	Transmission User	YES
Liberty Utilities	Transmission Owner	YES
Lignite Energy Council	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	NO
Mountrail-Williams Electric Cooperative	Transmission User	YES
Nebraska Public Power District	Transmission Owner	Abstain
NextEra Energy Resources	Transmission User	Abstain
NextEra Energy Transmission	Transmission User	Abstain
NextEra Energy Transmission Southwest	Transmission User	Abstain
Northeast Texas Electric Cooperative	Transmission User	YES
NorthWestern Energy	Transmission User	NO
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	NO
Public Service Co. of Oklahoma (AEP)	Transmission Owner	YES
Roughrider Electric Cooperative Inc.	Transmission User	NO
Southern Power	Transmission User	YES
Southwest Transmission LLC	Transmission User	YES
Southwestern Electric Power Co. (AEP)	Transmission Owner	YES
Southwestern Public Service-Xcel Energy	Transmission Owner	YES
Sunflower Electric Power Corp	Transmission Owner	YES
Tenaska Power Services Co.	Transmission User	YES
Tri County Electric Cooperative	Transmission User	YES
Tri-State Generation and Transmission Association	Transmission User	YES
Walmart	Transmission User	NO
Western Area Power Administration	Transmission Owner	YES
Western Farmers Electric Cooperative	Transmission Owner	YES

Xcel Energy Southwest Transmission Co.

Transmission User

YES

Election	<b>6. RR451</b>
Generated as of	2022-04-11 17:01:59.27
Number of voters who voted	59
TO's Voting	16
TU's Voting	43
Percentage of TU's Approving	75
Percentage of TO's Approving	56.25
Averaged Approval %	65.63

Motion/Recommendation	Voters	Votes	YES	NO
Approve RR451: Pooled Surplus Interconnection Service, as presented.	Transmission Owner	16	9	7
	Transmission User	40	30	10

RECOMMENDATION	FAIL
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### Raw Vote Results

Company	TO/TU	Choice Name
Advanced Power Alliance	Transmission User	YES
AEP Southwestern Transmission Co.	Transmission User	NO
American Clean Power Association	Transmission User	YES
American Electric Power-OK Transmission Co.	Transmission User	NO
Arkansas Electric Cooperative Corporation	Transmission User	NO
Basin Electric Power Cooperative	Transmission Owner	YES
Central Power Electric Cooperative	Transmission User	YES
City of Independence MO	Transmission User	NO
City Utilities of Springfield MO	Transmission User	YES
Corn Belt Power Cooperative	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	Transmission User	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
GridLiance High Plains	Transmission User	YES
Heartland Consumers Power District	Transmission User	NO
ITC Great Plains	Transmission User	YES
Kansas Electric Power Cooperative (KEPCo)	Transmission User	NO
Kansas Power Pool	Transmission User	YES
Konza Transmission Company LLC	Transmission User	YES
L and O Power Cooperative	Transmission User	Abstain
Liberty Utilities	Transmission Owner	NO
Lincoln Electric System	Transmission User	NO
Midwest Energy	Transmission Owner	NO
Missouri Joint Municipal EUC	Transmission User	YES
Mountrail-Williams Electric Cooperative	Transmission User	YES
Municipal Energy Agency of Nebraska	Transmission User	NO
Nebraska Public Power District	Transmission Owner	NO
NextEra Energy Resources	Transmission User	YES
NextEra Energy Transmission	Transmission User	YES
NextEra Energy Transmission Southwest	Transmission User	YES
Northeast Texas Electric Cooperative	Transmission User	NO
Oklahoma Gas & Electric- Electric Services	Transmission Owner	YES
Oklahoma Gas & Electric-Transmission	Transmission User	YES
Oklahoma Municipal Power Authority	Transmission User	Abstain
Omaha Public Power District	Transmission Owner	YES
Prairie Wind Transmission	Transmission User	YES
Public Service Co. of Oklahoma (AEP)	Transmission Owner	NO
Savion LLC	Transmission User	YES
Southern Power	Transmission User	YES
Southwest Transmission LLC	Transmission User	Abstain
Southwestern Electric Power Co. (AEP)	Transmission Owner	NO
Southwestern Public Service-Xcel Energy	Transmission Owner	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	NO
Western Farmers Electric Cooperative	Transmission Owner	YES
Xcel Energy Southwest Transmission Co.	Transmission User	NO

<b>ABSTAIN</b>
0
3

Election	<b>6a. RR451</b>
Generated as of	2022-04-15 10:35:00.197
Number of voters who voted	60
TO's Voting	15
TU's Voting	45
Percentage of TU's Approving	97.67
Percentage of TO's Approving	100
Averaged Approval %	98.84

Motion/Recommendation	Voters	Votes	YES	NO	ABSTAIN
Remand RR451 to the MWG and ORWG for further discussion.	Transmission Owner	15	15	0	0
	Transmission User	43	42	1	2

RECOMMENDATION	PASS
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## Raw Vote Results

Company	TO/TU	Choice Name
Advanced Power Alliance	Transmission User	YES
AEP Southwestern Transmission Co.	Transmission User	YES
American Clean Power Association	Transmission User	YES
American Electric Power-OK Transmission Co.	Transmission User	YES
Arkansas Electric Cooperative Corporation	Transmission User	YES
Basin Electric Power Cooperative	Transmission Owner	YES
City of Independence MO	Transmission User	YES
City Utilities of Springfield MO	Transmission User	YES
Continental Resources	Transmission User	Abstain
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
EDP Renewables	Transmission User	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
GRDA	Transmission Owner	YES
GridLiance High Plains	Transmission User	YES
Heartland Consumers Power District	Transmission User	YES
ITC Great Plains	Transmission User	YES
Kansas Electric Power Cooperative (KEPCo)	Transmission User	Abstain
Kansas Municipal Energy Agency	Transmission User	YES
Kansas Power Pool	Transmission User	YES
Konza Transmission Company LLC	Transmission User	YES
Liberty Utilities	Transmission Owner	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
Municipal Energy Agency of Nebraska	Transmission User	NO
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
Prairie Wind Transmission	Transmission User	YES
Southern Power	Transmission User	YES
Southwest Transmission LLC	Transmission User	YES
Southwestern Public Service-Xcel Energy	Transmission Owner	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

Election	<b>6b. RR465</b>
Generated as of	2022-04-15 10:31:27.267
Number of voters who voted	67
TO's Voting	16
TU's Voting	51
Percentage of TU's Approving	66.67
Percentage of TO's Approving	100
Averaged Approval %	83.33

Motion/Recommendation	Voters	Votes	YES	NO	ABSTAIN
Approve RR465 as presented.	Transmission Owner	16	16	0	0
	Transmission User	48	32	16	2

RECOMMENDATION	PASS
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## Raw Vote Results

Company	TO/TU	Choice Name
Advanced Power Alliance	Transmission User	NO
AEP Southwestern Transmission Co.	Transmission User	YES
American Clean Power Association	Transmission User	NO
American Electric Power-OK Transmission Co.	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
East River Electric Power Cooperative	Transmission User	YES
East Texas Electric Cooperative	Transmission User	YES
EDF Renewables	Transmission User	NO
EDP Renewables	Transmission User	NO
Enel Green Power North America	Transmission User	NO
Engie North America	Transmission User	NO
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
Grain Belt Express Clean Line	Transmission User	NO
GridLiance High Plains	Transmission User	NO
Heartland Consumers Power District	Transmission User	YES
ITC Great Plains	Transmission User	YES
Kansas Electric Power Cooperative (KEPCo)	Transmission User	NO
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
Liberty Utilities	Transmission Owner	YES
Lignite Energy Council	Transmission User	YES
Lincoln Electric System	Transmission User	YES
Midwest Energy	Transmission Owner	YES
Mor-Gran-Sou Electric Co-op	Transmission User	YES
Mountrail-Williams Electric Cooperative	Transmission User	YES
Municipal Energy Agency of Nebraska	Transmission User	Abstain
Nebraska Public Power District	Transmission Owner	YES
NextEra Energy Resources	Transmission User	NO
NextEra Energy Transmission	Transmission User	NO
NextEra Energy Transmission Southwest	Transmission User	NO
Northeast Texas Electric 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
Prairie Wind Transmission	Transmission User	YES
Public Service Co. of Oklahoma (AEP)	Transmission Owner	YES
Savion LLC	Transmission User	NO
Southern Power	Transmission User	NO
Southwest Transmission LLC	Transmission User	NO
Southwestern Electric Power Co. (AEP)	Transmission Owner	YES
Southwestern Public Service-Xcel Energy	Transmission Owner	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 County Electric Cooperative	Transmission User	NO
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

Election	7. 2022 SPP Transmission Expansion Plan (STEP)
Generated as of	2022-04-15 10:38:24.73
Number of voters who voted	63
TO's Voting	16
TU's Voting	47
Percentage of TU's Approving	100
Percentage of TO's Approving	93.75
Averaged Approval %	96.88

Motion/Recommendation	Voters	Votes	YES	NO	ABSTAIN
Endorse the 2022 SPP Transmission Expansion Plan (STEP) report as documentation of completion of the Attachment O STEP requirements.	Transmission Owner	16	15	1	0
	Transmission User	47	47	0	0

RECOMMENDATION	PASS
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## Raw Vote Results

Company	TO/TU	Choice Name
Advanced Power Alliance	Transmission User	YES
AEP Southwestern Transmission Co.	Transmission User	YES
American Clean Power Association	Transmission User	YES
American Electric Power-OK Transmission Co.	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
East River Electric Power Cooperative	Transmission User	YES
East Texas Electric Cooperative	Transmission User	YES
EDF Renewables	Transmission User	YES
EDP Renewables	Transmission User	YES
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	YES
Grain Belt Express Clean Line	Transmission User	YES
GRDA	Transmission Owner	YES
GridLiance High Plains	Transmission User	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
Liberty Utilities	Transmission Owner	NO
Lignite Energy Council	Transmission User	YES
Lincoln Electric System	Transmission User	YES
Mountrail-Williams Electric Cooperative	Transmission User	YES
Municipal Energy Agency of Nebraska	Transmission User	YES
Nebraska Public Power District	Transmission Owner	YES
NextEra Energy Resources	Transmission User	YES
NextEra Energy Transmission	Transmission User	YES
NextEra Energy Transmission Southwest	Transmission User	YES
Northeast Texas Electric 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
Prairie Wind Transmission	Transmission User	YES
Public Service Co. of Oklahoma (AEP)	Transmission Owner	YES
Southern Power	Transmission User	YES
Southwest Transmission LLC	Transmission User	YES
Southwestern Electric Power Co. (AEP)	Transmission Owner	YES
Southwestern Public Service-Xcel Energy	Transmission Owner	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 County Electric Cooperative	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

Election	<b>8. Comprehensive Roadmap</b>
Generated as of	2022-04-15 10:40:45.343
Number of voters who voted	61
TO's Voting	15
TU's Voting	46
Percentage of TU's Approving	97.73
Percentage of TO's Approving	100
Averaged Approval %	98.86

Motion/Recommendation	Voters	Votes	YES	NO	ABSTAIN
Approve the initial Comprehensive Roadmap list of initiatives for further refinement and assessment of resource needs.	Transmission Owner	15	15	0	0
	Transmission User	44	43	1	1

RECOMMENDATION	PASS
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## Raw Vote Results

Company	TO/TU	Choice Name
Advanced Power Alliance	Transmission User	YES
AEP Southwestern Transmission Co.	Transmission User	YES
American Clean Power Association	Transmission User	YES
American Electric Power-OK Transmission Co.	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 Utilities of Springfield MO	Transmission User	YES
Corn Belt Power Cooperative	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	Transmission User	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
Grain Belt Express Clean Line	Transmission User	YES
GRDA	Transmission Owner	YES
GridLiance High Plains	Transmission User	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
L and O Power Cooperative	Transmission User	YES
Liberty Utilities	Transmission Owner	YES
Lignite Energy Council	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	NO
Nebraska Public Power District	Transmission Owner	YES
NextEra Energy Resources	Transmission User	YES
Northeast Texas Electric Cooperative	Transmission User	YES
NorthWestern Energy	Transmission User	YES
Oklahoma Gas & Electric- Electric Services	Transmission Owner	YES
Oklahoma Gas & Electric-Transmission	Transmission User	YES
Omaha Public Power District	Transmission Owner	YES
Prairie Wind Transmission	Transmission User	YES
Public Service Co. of Oklahoma (AEP)	Transmission Owner	YES
Roughrider Electric Cooperative Inc.	Transmission User	YES
Southern Power	Transmission User	YES
Southwest Transmission LLC	Transmission User	Abstain
Southwestern Public Service-Xcel Energy	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 County Electric Cooperative	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



**SOUTHWEST POWER POOL, INC.**  
 MARKETS AND OPERATIONS POLICY COMMITTEE  
 April 11-12, 2022  
 Doubletree Dallas near the Galleria, Dallas, Texas

## ATTENDANCE LIST

NAME	SYSTEM
Drigit Ghoshal	Grain Belt Express
Chris Lyons	Customized Energy Solutions
DAVID KELLEY	SPP
Justin Shearer	Power Costs, Inc.
Allistair Birch	Power Costs Inc.
Robert Satoto	Customized Energy Solutions
Brian C. Drumm	ITC Great Plains
John A. Krajewski	Nebraska PRB
JOE SUNNEBERG	NEBRASKA PUBLIC POWER DISTRICT
TEMUJIN KOACH	EDF RENEWABLES
Adam McKinnie	MO PSC
Walt Cecil	MO PSC
Hwikwon Ham	MN PUC
MICHAEL WISE	GSEC
WALT SAUMATE	ON BEHALF OF ENCLIE
Jessica Meyer	Lincoln Electric System
BILL GRANT	Xcel/SPS
Bernard Lik	Xcel Energy
CARRIE DIXON	Xcel Energy
Colin SNIFF	OMAHA PUBLIC POWER DIST.



SOUTHWEST POWER POOL, INC.  
MARKETS AND OPERATIONS POLICY COMMITTEE  
April 11-12, 2022  
Doubletree Dallas near the Galleria, Dallas, Texas

**ATTENDANCE LIST**

NAME	SYSTEM
Nick Parker	SPP
Eric Bassingthwaite	OPPD
Brenda Prokop	Southwest Transmission
Chris Giles	Tri County Electric Coop
Jim Flucke	Energy KS South
Aaron Doll	Liberty
Jarred Cooley	Xcel Energy / SPS
Brad Cochran	OGTE
Dennis Florom	Lincoln Electric System
Ray Bergman	SEPC
Matt Coates	WPEC
Steve Darso	APA
Natasha Henderson	USEC
Kevin Bornhoft	CBPC
BRAD HANS	MEAN
Adam Graft	HCPD
Daniel Hall	ACPA
Larry Hollaway	KPP
Mark Hoffman	ERPC
Noman Williams	Guidance HP



**SOUTHWEST POWER POOL, INC.**  
**MARKETS AND OPERATIONS POLICY COMMITTEE**  
 April 11-12, 2022  
 Doubletree Dallas near the Galleria, Dallas, Texas

## ATTENDANCE LIST

NAME	SYSTEM
Lanny Nickell	SPP Staff
Uska Turner	OGTE
Darius Bullington	Energy Metro
Alan Myers	ITC Great Plains
Emily Pennel	SPP Staff
Steve Sanders	WAPA-UGP
BRIAN JOHNSON	AEP DETC, AEP SWTC
Paul Lampe	City of Independence, MO
David Mincheim	EDP Renewables
Robert Pick	NPPD
Mo Awad	Energy
Jack Madden	ETEC & NTEC
Tom Jacoby	AGP/PSO
Richard Ross	AEPSC
Courtney Mehan	TPS
TERRY WOLF	MRES
AL Jamimi	SEPC
MARK BARBEE	KEPCO
Jon Aus	EREPC





SOUTHWEST POWER POOL, INC.  
MARKETS AND OPERATIONS POLICY COMMITTEE  
April 11-12, 2022  
Doubletree Dallas near the Galleria, Dallas, Texas

ATTENDANCE LIST

NAME	SYSTEM
John Knotczynski	EREPC
Dennis Reed	MWRC
Barbara Sugg	SPP
Susan Certosa	SPP Director
Eugene Mank	NPRB
Ryan Houk	TRANSOURCE
Derek Brown	Energy
CASEY CATHEY	SPP
Tom Klechuer	RTO Insider
NATE MORRIS	THE EMPIRE DISTRICT ELECTRIC COMPANY
Ann Coultas	Enel
Keith Collins	SPPMMU
John VARNICK	TENASKA POWER SERVICES
Tim Hall	GridLiance High Plains LLC
JASON CHARLTON	OOO
Bruce Rew	SPP
Michael Desselte	SPP
Andy Ireland	AR PSC
MARGARET KRISTIAN	NATIONAL GRID RENEWABLES
Ben Treubridge	SPP board



## April 11-12, 2022 MOPC Webex Attendance

1	Christine	Aarnes	Sunflower Electric Power Corporation
2	Malcolm	Ainspan	NRGCS
3	Ahmed	Alazzawi	Southwest Power Pool
4	Shari	Albrecht	KCC
5	Kelsey	Allen	Southwest Power Pool
6	Larry	Altenbaumer	Southwest Power Pool
7	Matthew	Alvarado IUB	Iowa Utilities Board
8	Angie	Anderson	Sunflower Electric Power Corporation
9	Lee	Anderson	Lincoln Electric System
10	Mary Ann	Zehr	TSGT
11	Jason	Atwood	Hitachi Energy
13	Micha	Bailey	SPP
14	Antonio	Barber	SPP
15	Harika	Basaran PUCT	PUCT
16	Eric	Bassingthwaighte	OPPD
17	Betsy	Beck	Enel Green Power North America
18	Adam	Bell	SPP
19	Andrew	Berg	Missouri River Energy Services
20	Allistair	Birch	PCI Inc
21	James	Bixby	ITC Great Plains
22	Aaron	Bloom	NextEra
23	Kevin	a	Corn Belt Power Cooperative
24	John	Boshears	City Utilities of Springfield
25	Jonathan	Bourg	United Professionals
26	Douglas	Bowman	Southwest Power Pool
27	Michael	Bowman	City Utilities of Springfield, MO
28	Ben	Bright	SPP
29	Tammy	Bright	SPP
30	Erica	Brooks	SPP
31	Derek	Brown	Evergy
32	Scott	Brown	Southwest Power Pool
33	Tim	Brown	GRDA
34	Chandler	Brown (SEPC)	SEPC
35	Natasha	Brown OMPA	Oklahoma Municipal Power Authority
36	Denise	Buffington	Evergy Companies
37	Charles	Cates	Southwest Power Pool
38	Erin	Cathey	SPP
39	Matt	Caves	Western Farmers Electric Cooperative
40	walt	cecil	Missouri PSC
41	Tim	Cervený	NMPP Energy
42	bernard	cevera	BCC
43	Jason	Chaplin	OCC
44	Andrew	Cherry	Southwest Power Pool
45	Marisa	Choate	SPP
46	Phillip	Choi	SPP

47	Shawnee	Claiborn-Pinto	PUCT
48	Bradley	Cochran	OG&E
49	seth	cochran	dc energy
50	Dennis	Constien	SPA
51	Ellen	Cook	SPP
52	Jarred	Cooley	Xcel Energy
53	Ann	Coultas	Enel Green Power
54	Chris	Cranford	SPP
55	Alex	Crawford (SPP)	SPP
56	Mark	Crisson	SPP
57	John	Cupparo	Southwest Power Pool
58	Deborah	Currie	SPP
59	Josie	Daggett	WAPA
60	Calvin	Daniels	WFEC
61	Kristen	Darden	SPP
62	Christopher	Davis	SPP
63	Michael	Desselle	Southwest Power Pool
64	Kathryn	Dial	SPP
65	Daria	Diaz	Stone Pigman
66	Curt	Dieren	L&O Power Cooperative
67	Richard	Dillon	Southwest Power Pool
68	Loren	Ditsch	OPPD
69	Carrie	Dixon	Xcel Energy
70	Jason	Doerr	Basin Electric Power Cooperative
71	Aaron	Doll	EDE/LU
72	Bill	Dowling	Midwest Energy, Inc.
73	Brian	Drumm	ITC Great Plains
74	Mark	Eastwood	City Utilities of Springfield
75	Dee	Edmondson	SPP
76	Tamika	Edwards	SPP
77	Lee	Elliott	Southwest Power Pool
78	Sam	Ellis	SPP
79	George	Fee	AEP
80	Jim	Fehr	NPPD
81	Brad	Finkbeiner	Southwest Power Pool
82	Brenda	Fite	Southwest Power Pool
83	Jim	Flucke - Evergy	Evergy Companies
84	Jonathan	Fortner	Lignite Energy Council
85	Clifford	Franklin	Sunflower Energy, Suite 200
86	Gayle	Freier	SPP
87	Don	Frerking-SPP	Southwest Power Pool
88	Joe	Fultz	Grand River Dam Authority
89	Steve	Gaw	APA
90	Shawn	Geil	KEPCo
91	Shawn	Geil (KEPCo)	KEPCo
92	Ty	Gorman	Sierra Club
93	Adam	Graff	Heartland Consumers Power District

94	Jamie	Hajek	NorthWestern Energy
95	Josh	Hale	Southern Power Company
96	Daniel	Hall	ACPA
97	Kirk	Hall	Southwest Power Pool
98	Tim	Hall	GridLiance High Plains LLC
99	Hwikwon	Ham	MN PUC
100	Daniel	Harless	SPP
101	Matthew	Harward	SPP
102	Dale	Haugen	Mountrail-Williams Electric Cooperative
103	Natasha	Henderson	Golden Spread Electric Cooperative
104	Charles	Hendrix	SPP
105	Tom	Hestermann	thestermann@gmail.com
106	Drake	Hill	SPP
107	Travis	Hill	NPPD
108	Justin	Hinton	SPP
109	Mark	Hoffman	East River Electric Power Cooperative
110	William	Holden	SPP
111	larry	Holloway	Kansas Power Pool
112	larry7852131590	holloway	Kansas Power Pool
113	Carla	Holly	Flat Ridge 2 Wind Energy (bp Wind)
114	Will	Houser	Continental Resources
115	Jayme	Huber	Northwest Iowa Power Cooperative
116	Carl	Huslig	Grid Reliability Consulting LLC
117	Cindy	Ireland	AR PSC
118	Andria	Jackson	Kansas Corporation Commission
119	Jim	Jacoby (AEP)	AEP/PSO
120	Chris	Jamieson	Southwest Power Pool
121	Jillian	Janik	Southwest Power Pool
122	Rob	Janssen	Dogwood Energy
123	Eugene	Jenkins	Electrical Consultants, Inc.
124	Brian	Johnson	AEP
125	Ryan	Johnson	ACES
126	Brian	Johnson (AEP OKTCo)	AEP
127	Julian	Kaufmann	CAMS, LLC
128	Brooke	Keene	SPP
129	Lee	Keller	Innovative Energy Alliance
130	DAVID	KELLEY	SPP
131	Patti	Kelly	SPP
132	Colton	Kennedy	Omaha Public Power District - Omaha, NE
133	Tessie	Kentner	Southwest Power Pool, Inc.
134	Bakhtawar	Khan	Gabel Associates
135	Skylar	Kincaid	SPP
136	Ryan	Kirk (AEPSC)	AEP
137	Allen	Klassen	Evergy
138	Tom	Kleckner	RTO Insider
139	Jeff	Knottek	City Utilities of Springfield, MO
140	Mick	Kossan	Central Power Electric Cooperative, Inc,

141	Jim	Krajecki	Customized Energy Solutions, LTD
142	Bleau	LaFave	NorthWestern Energy
143	Amy	Lasseigne	Southwest Power Pool
144	khai	le	PCI
145	Randy	Lindstrom	NPPD
146	Corey	Linville	Sunflower Electric Power Corporation
147	Charles	Locke	Southwest Power Pool
148	John	Luallen	SPP MMU
149	Chris	Lyons	Customized Energy Solutions
150	J.P.	Maddock	Basin Electric Power Cooperative
151	Emon	Mahony	SPP
152	Rodney	Massman	MOPSC
153	Eugene	Mauk	NPRB
154	Sherri	Maxey	Southwest Power Pool
155	Jason	Mazigian (BEPC)	Basin Electric Power Cooperative
156	Michael	McCann	Southwest Power Pool
157	Drew	McGilvray	SPP
158	Kylah	McNabb	Vesta Strategic Solutions, LLC
159	Nathan	McNeil	MIDW
160	Courtney	Mehan	Tenaska
161	Kayla	Messamore	Evergy
162	Jessica	Meyer	Lincoln Electric System
163	Marcos	Mora	NEET
164	Maurice	Moss	KCBPU
165	Alan	Myers	ITC Holdings
166	Gayle	Nansel	WAPA-UGPR
167	Amy	Newton	City Utilities of Springfield
168	Lanny	Nickell	SPP
169	Elizabeth	Nielsen	Southwestern Power Administration
170	Joshua	Norton	Southwest Power Pool
171	John	O'Dell	SPP
172	Tim	Owens	NPPD
173	Cecilee	Pamplin	Southwest Power Pool
174	Jake	Pannell	SPP
175	Nick	Parker	SPP
176	C.	Patrick Woods	ITC Great Plains, LLC
177	Matt	Pawlowski	NextEra Energy Resources, LLC
178	Bradley	Payne	SPP
179	emily	pennel	SPP
180	Joshua	Phillips	SPP
181	Kass	Portra	WAPA
182	MOPC	Presenter	SPP
183	Rajat	Pungaliya	Pine Gate Renewables
184	Steve	Purdy	SPP
185	Jerin	Purtee	KC Board of Public Utilities
186	Russell	Quattlebaum	Southwest Power Pool
187	Ken	Quimby	Southwest Power Pool

188	Sunny	Raheem	Southwest Power Pool
189	Michael	Ray	SPP
190	Joe	Richardson	Xcel Energy
191	Mike	Riley	SPP
192	Greg	Rislov	SDPUC
193	Nikki	Roberts	SPP
194	Neil	Robertson	Southwest Power Pool
195	Sean	Rogers	Xcel Energy
196	Aaron	Rome	Midwest Energy Inc.
197	Brian	Rounds	AESL Consulting
198	Jill	Rummel	Basin Electric Power Cooperative
199	Robert	Safuto	Customized Energy Solutions
200	tom	saitta	kmea
201	Trisha	Samuelson	Mor-Gran-Sou
202	Steve	Sanders	WAPA-UGP
203	kelli	schermerhorn	northwestern
204	Adam	Schieffer	OPPD
205	Dave	Schlautman	NPPD
206	Jordan	Schmick	Xcel Energy
207	MABEL	SEE	DAYMARK ENERGY ADVISORS
208	Meghan	Sever	SPP
209	Jeremy	Severson	Basin Electric Power Cooperative
210	Justin	Shearer	Powercosts
211	Dana	Shelton	LPSC
212	Mark	Sherman	Central Power Electric Cooperative
213	Aaron	Shipley	SPP
214	Dirk	Shulund	WAPA
215	Christy	Siharath	OGE
216	Lane	Sisung	LPSC
217	Robert	Sisung	LPSC
218	Chase	Smith	Southern Power Company
219	Dara	Solomon	SPP
220	David	Sonntag	WFEC
221	Jason	Speer	SPP
222	James	Staggs	Walmart'
223	Jim	Staggs	Walmart'
224	Colton	Stanton	spp
225	Heather	Starnes	MJMEUC
226	Carl	Stelly	SPP
227	Travis	Stewart	Gabel Associates
228	matthew	stoltz	mountrail williams electric coop
229	Derek	Sunderman	Savion, LLC.
230	Conner	Sweet	City Utilities
231	Jennifer	Swierczek	Southwest Power Pool
232	Al	Tamimi	Sunflower Electric
233	Tennille	Tims	SPP
234	DeWayne	Todd	DDT LLC

235	R.	Todd	DDT LLC
236	Neeya	Toleman	NextEra Energy Transmission New York, Inc
237	Ben	Trowbridge	SPP Board
238	Usha	Turner	OGE Energy
239	Ryan	Tuter	Oklahoma Municipal Power Authority
240	Claire	Vigesaa	North Dakota Transmission Authority
241	Jeremy	Voll	Basin Electric Power Cooperative
242	Nicole	Wagner	SPP
243	Bruce	Walkup	AECC
244	Eddie	Watson	SPP
245	Krishada	Watson	Southwest Power Pool
246	Carolyn	Wetterlin	Xcel Energy (Northern States Power Company)
247	noman	williams	GridLiance HP
248	Derek	Wingfield	SPP
249	Kate	Winston	S&P Global Platts
250	Michael	Wise	Golden Spread Electric Cooperative, Inc.
251	Bob	Wittmeyer	Longhorn Power
252	Terry	Wolf	MRES
253	Tyler	Wolford	The Energy Authority
254	Jodi	Woods	SPP MMU