

2025 Joint Action Agency Services Survey Report

October 2025

Introduction

The American Public Power Association (APPA) conducted the 2025 APPA Joint Action Agency Services Survey from July through August 2025, which was distributed to 78 joint action agencies (JAA). Twenty-five JAAs participated in the survey. The purpose of this non-anonymous survey is to better understand the variety of services that JAAs offer their member utilities across the following functional areas:

- [Business and finance](#)
- [Communications and marketing support](#)
- [Compliance and regulatory](#)
- [Energy services](#)
- [Engineering and operations](#)
- [Information technology](#)
- [Member services](#)
- [Power supply](#)
- [Safety](#)
- [Training and development](#)


Survey results are summarized in the subsequent tables. A spreadsheet version of the results is available upon request.

SECTION ONE: OVERVIEW

Table 1. Participant Snapshot

Joint Action Agency Name	City	State	States Served	Business Model	2024 Revenue (\$)	2024 Generation* (MWh)	Staff	Members
American Municipal Power, Inc.	Columbus	OH	DE, IN, KY, MD, MI, OH, PA, VA, WV	PB	1,018,446,000	9,121,713	230	130
Connecticut Municipal Electric Energy Cooperative	Norwich	CT	CT	AR	91,000,000	0	30	6
Energy Northwest	Richland	WA	CA, OR, WA	AR	54,100,000	1,400	1,100	29
Florida Municipal Power Agency	Orlando	FL	FL	C	697,000,000	8,410,034	175	33
Heartland Energy	Madison	SD	IA, MN, NE, SD	AR	44,333,072	509,257	12	29
Indiana Municipal Power Agency	Carmel	IN	IN, OH	AR	479,600,000	3,530,041	106	61
Kansas Municipal Energy Agency	Overland Park	KS	KS	PB	98,196,000	221,906	40	79
Kentucky Municipal Energy Agency	Louisville	KY	KY	AR	106,516,204	0	5	12
KPP Energy	Wichita	KS	KS	AR	57,167,808	209,423	8	24
Massachusetts Municipal Wholesale Electric Company	Ludlow	MA	MA	C	264,854,000	1,680,000	80	19
Michigan Public Power Agency	Lansing	MI	MI	PB	269,725,517	1,572,685	24	22
Missouri River Energy Services	Sioux Falls	SD	IA, MN, ND, SD	AR	305,000,000	1,174	120	61
MEAG Power	Atlanta	GA	GA	PB	1,235,869,000	11,731,385	136	49
NMPP Energy	Lincoln	NE	CO, IA, KS, NE, WY	C	135,405,494	490,529	50	135
North Iowa Municipal Electric Cooperative Association	Humboldt	IA	IA	C	38,269,064	109,978	2	13
Northern California Power Agency	Roseville	CA	CA	PB	466,960,000	1,689,215	170	16
Northern Municipal Power Agency	Thief River Falls	MN	MN, ND	AR	51,335,203	428,788	3	12
Oklahoma Municipal Power Authority	Edmond	OK	AR, OK, TX	AR	171,410,453	1,601,651	79	43
Piedmont Municipal Power Agency	Greer	SC	SC	AR	239,878,408	2,369,484	13	10
Platte River Power Authority	Fort Collins	CO	CO	AR	271,322,846	1,754,002	300	4
Southern Minnesota Municipal Power Agency	Rochester	MN	MN	AR	262,000,000	2,156,397	45	17
Southwest Public Power Agency, Inc.	Mesa	AZ	AZ	PB	191,140,371	0	3	22
Utah Municipal Power Agency	Spanish Fork	UT	UT	AR	171,503,303	1,212,965	30	6
Wyoming Municipal Power Agency	Lusk	WY	WY	AR	18,426,898	0	4	8
WPPI Energy	Sun Prairie	WI	IA, MI, WI	AR	436,000,000	1,249,354	120	51

AR = All requirements, PB = Project-based, C=Combination



****JAA Owned Generation**

Operating electric revenues range from \$18,426,898 to \$1,235,869,000 in 2024. Of the 25 participants, only four do not own generation. Of those JAAs that own generation, the 2024 values ranged from 1,174 megawatt-hours (MWh) to 11,731,385 MWh. Staffing levels range from two employees to 1,100. The number of JAA member utilities ranges from four to 135. Only one JAA, WPPI Energy, has a non-public power member. The JAA serves a single rural electric cooperative.

Table 2. Service Summary Table

Service	No	Total Yes	Yes (D)	Yes (F)	JAA's Offering
Business and Finance					
On-Behalf-of Financing/JAA Utility Loan Program	15	10	4	6	40%
Rate Studies/Cost of Service Studies	12	13	6	7	52%
Salary Surveys	20	5	2	3	20%
Utility Value Assessments	18	7	6	1	28%
Communications and Marketing Support					
Benefits of Public Power Communications Program	12	12	12	0	50%
Community Relations Programs	13	12	12	0	48%
Graphic Design and Advertising Services	12	13	10	3	52%
Magazine	23	2	2	0	8%
Member Services Catalog	20	5	5	0	20%
Newsletter	9	16	16	0	64%
Promotional Marketing Materials	7	18	15	3	72%
Public Relations, Communications, and Media Relations Assistance	7	18	17	1	72%
Social Media Services	17	8	8	0	32%
Video Resources	16	9	9	0	36%
Web Site Assistance	21	4	4	0	16%
Compliance and Regulatory					
Contract Management/Review	10	14	11	3	58%
Environmental/Compliance Services	11	14	10	4	56%
Interconnection Standards for Renewable Energy	5	20	17	3	80%
Legal Services/Assistance	10	15	13	2	60%
Market Participation Services	8	17	12	5	68%
NERC Compliance	9	16	13	3	64%
RTO/ISO Coordination	9	16	14	2	64%
Energy Services					
Customer-Sited Distributed Energy Resources	11	13	9	4	54%
Demand Response/Load Management	8	17	11	6	68%
Distributed Energy Resource Rebates and Incentives	17	8	6	2	32%
Economic Development Assistance	13	12	11	1	48%
Energy Audits	12	13	8	5	52%
Energy Education for Schools	14	11	10	1	44%
Energy Efficiency Incentives	10	15	11	4	60%
Energy Efficiency Programs	8	17	13	4	68%
Energy Storage Programs	22	3	2	1	12%
EV Programs	18	7	5	2	28%
Grants	16	9	8	1	36%

Service	No	Total Yes	Yes (D)	Yes (F)	JAA's Offering
Key Account Support/Education/Services	10	15	12	3	60%
Load Profiling	7	18	16	2	72%
Low-Income Programs	19	6	3	3	24%
Market Research	13	12	11	1	48%
New Construction Design & Assistance Program	13	12	8	4	48%
Power Quality Studies	15	10	6	4	40%
Solar Programs	13	11	8	3	46%
Engineering and Operations					
APPA e-Reliability Tracker Paid for by JAA	19	5	5	0	21%
APPA Reliable Public Power Provider (RP3) Application Assistance	18	7	6	1	28%
APPA Smart Energy Provider (SEP) Application Assistance	21	4	3	1	16%
Circuit Rider	22	3	1	2	12%
Disaster Assistance/Mutual Aid	14	11	8	3	44%
Distribution Services	14	11	7	4	44%
Drones	21	4	1	3	16%
Engineering Support	12	13	8	5	52%
Hosted AMI System	18	7	2	5	28%
Hosted Billing/Customer Information System	22	3	0	3	12%
Hosted SCADA System	19	6	3	3	24%
Infrared Testing	16	9	5	4	36%
Operation of Electric System (management, crews, billing, CSRs)	19	6	1	5	24%
Pole Attachment Assistance	18	7	5	2	28%
Reliability Tracking and Reporting Outside of APPA e-Reliability Tracker	19	6	5	1	24%
System Losses Studies	15	9	5	4	38%
System Mapping	15	10	4	6	40%
System Reviews	15	10	6	4	40%
T&D Project Design & Consultation	13	12	5	7	48%
Information Technology					
Cybersecurity Services	15	9	4	5	38%
Hosting / Backup Services	22	3	1	2	12%
IT Consulting	16	9	5	4	36%
Network Administration Services	20	5	2	3	20%
Network Engineering Services	20	5	1	4	20%
Phishing Campaigns (such as KnowBe4)	19	5	3	2	21%
Member Services					
APPA Membership Paid for by JAA	6	18	14	4	75%
APPA DEED Membership Paid for by JAA	10	15	13	2	60%
Consulting Services	11	14	9	5	56%
Federal Legislative/Regulatory Advocacy	3	22	20	2	88%

Service	No	Total Yes	Yes (D)	Yes (F)	JAA's Offering
Joint Purchasing	14	11	7	4	44%
Meter Technician Services	18	7	3	4	28%
Project Management	12	13	8	5	52%
Relationships/Partnerships with Vendors to Offer Discounts	9	15	13	2	63%
Scholarships/Registrations for APPA Conferences	12	13	12	1	52%
State Association Membership Paid for by JAA	22	3	3	0	12%
State Legislative/Regulatory Advocacy	5	20	20	0	80%
Power Supply					
Energy Control Center	9	15	12	3	63%
Generation Maintenance	10	15	10	5	60%
JAA Owned Generation	4	21	17	4	84%
PPA Arrangements	4	21	17	4	84%
Power Supply Planning	2	23	21	2	92%
Safety Services					
Accident Investigation	21	3	2	1	13%
APPA e-Safety Tracker Paid for by JAA	25	0	0	0	0%
APPA Safety Manual Paid for by JAA	21	4	3	1	16%
Onsite Safety Meetings	18	7	6	1	28%
OSHA Compliance and Standards Guidance	22	3	1	2	12%
Regional and Local Safety Meetings/Lineman Schools	18	7	5	2	28%
Safety Advice and Consultation	18	7	6	1	28%
Safety Awards Program	24	1	1	0	4%
Safety Inspection and Audits	21	4	2	2	16%
Safety and Training Advisory Committees/Meetings	18	6	4	2	25%
Training and Development					
Lineworkers Rodeo	23	1	1	0	4%
Onsite Classroom Training Facility	13	12	8	4	48%
Outside Training Grounds	21	4	3	1	16%
Scholarships	17	8	7	1	32%
Training - Customer Service	15	10	9	1	40%
Training - Cybersecurity	13	12	9	3	48%
Training - Governance	15	10	7	3	40%
Training - Leadership	14	11	7	4	44%
Training - Lineworker	19	6	4	2	24%
Training - Safety	17	8	4	4	32%
Training - Strategic Planning	15	10	7	3	40%
Training - Technical Training	15	10	7	3	40%

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

Table 3. Summary of Services in Order of the Most Common

Service	Category	JAA's Offering
Power Supply Planning	Power Supply	92%
Federal Legislative / Regulatory Advocacy	Member Services	88%
JAA Owned Generation	Power Supply	84%
PPA Arrangements	Power Supply	84%
Interconnection Standards for Renewable Energy	Compliance and Regulatory	80%
State Legislative / Regulatory Advocacy	Member Services	80%
APPA Membership Paid for by JAA	Member Services	75%
Promotional Marketing Materials	Communications and Marketing Support	72%
Public Relations, Communications, and Media Relations Assistance	Communications and Marketing Support	72%
Load Profiling	Energy Services	72%
Market Participation Services	Compliance and Regulatory	68%
Demand Response / Load Management	Energy Services	68%
Energy Efficiency Programs	Energy Services	68%
Newsletter	Communications and Marketing Support	64%
NERC Compliance	Compliance and Regulatory	64%
RTO/ISO Coordination	Compliance and Regulatory	64%
Relationships / Partnerships with Vendors to Offer Discounts	Member Services	63%
Energy Control Center	Power Supply	63%
Legal Services / Assistance	Compliance and Regulatory	60%
Energy Efficiency Incentives	Energy Services	60%
Key Account Support / Education / Services	Energy Services	60%
APPA DEED Membership Paid for by JAA	Member Services	60%
Generation Maintenance	Power Supply	60%
Contract Management/Review	Compliance and Regulatory	58%
Environmental / Compliance Services	Compliance and Regulatory	56%
Consulting Services	Member Services	56%
Customer-Sited Distributed Energy Resources	Energy Services	54%
Rate Studies / Cost of Service Studies	Business and Finance	52%
Graphic Design and Advertising Services	Communications and Marketing Support	52%
Energy Audits	Energy Services	52%
Engineering Support	Engineering and Operations	52%
Project Management	Member Services	52%
Scholarships / Registrations for APPA Conferences	Member Services	52%
Benefits of Public Power Communications Program	Communications and Marketing Support	50%
Community Relations Programs	Communications and Marketing Support	48%
Economic Development Assistance	Energy Services	48%
Market Research	Energy Services	48%
New Construction Design & Assistance Program	Energy Services	48%
T&D Project Design & Consultation	Engineering and Operations	48%
Onsite Classroom Training Facility	Training and Development	48%
Training - Cybersecurity	Training and Development	48%

Service	Category	JAA's Offering
Solar Programs	Energy Services	46%
Energy Education for Schools	Energy Services	44%
Disaster Assistance/Mutual Aid	Engineering and Operations	44%
Distribution Services	Engineering and Operations	44%
Joint Purchasing	Member Services	44%
Training - Leadership	Training and Development	44%
On-Behalf-of Financing / JAA Utility Loan Program	Business and Finance	40%
Power Quality Studies	Energy Services	40%
System Mapping	Engineering and Operations	40%
System Reviews	Engineering and Operations	40%
Training - Customer Service	Training and Development	40%
Training - Governance	Training and Development	40%
Training - Strategic Planning	Training and Development	40%
Training - Technical Training	Training and Development	40%
System Losses Studies	Engineering and Operations	38%
Cybersecurity Services	Information Technology	38%
Video Resources	Communications and Marketing Support	36%
Grants	Energy Services	36%
Infrared Testing	Engineering and Operations	36%
IT Consulting	Information Technology	36%
Social Media Services	Communications and Marketing Support	32%
Distributed Energy Resource Rebates and Incentives	Energy Services	32%
Scholarships	Training and Development	32%
Training - Safety	Training and Development	32%
Utility Value Assessments	Business and Finance	28%
EV Programs	Energy Services	28%
APPA Reliable Public Power Provider (RP3) Application Assistance	Engineering and Operations	28%
Hosted AMI System	Engineering and Operations	28%
Pole Attachment Assistance	Engineering and Operations	28%
Meter Technician Services	Member Services	28%
Onsite Safety Meetings	Safety	28%
Regional and Local Safety Meetings/Lineman Schools	Safety	28%
Safety Advice and Consultation	Safety	28%
Safety and Training Advisory Committees / Meetings	Safety	25%
Low-Income Programs	Energy Services	24%
Hosted SCADA System	Engineering and Operations	24%
Operation of Electric System (management, crews, billing, CSRs)	Engineering and Operations	24%
Reliability Tracking and Reporting Outside of APPA e-Reliability Tracker	Engineering and Operations	24%
Training - Lineworker	Training and Development	24%
APPA e-Reliability Tracker Paid for by JAA	Engineering and Operations	21%
Phishing Campaigns (such as KnowbBe4)	Information Technology	21%
Salary Surveys	Business and Finance	20%

Service	Category	JAA's Offering
Member Services Catalog	Communications and Marketing Support	20%
Network Administration Services	Information Technology	20%
Network Engineering Services	Information Technology	20%
Web Site Assistance	Communications and Marketing Support	16%
APPA Smart Energy Provider (SEP) Application Assistance	Engineering and Operations	16%
Drones	Engineering and Operations	16%
APPA Safety Manual Paid for by JAA	Safety	16%
Safety Inspection and Audits	Safety	16%
Outside Training Grounds	Training and Development	16%
Accident Investigation	Safety	13%
Energy Storage Programs	Energy Services	12%
Circuit Rider	Engineering and Operations	12%
Hosted Billing / Customer Information System	Engineering and Operations	12%
Hosting / Backup Services	Information Technology	12%
State Association Membership Paid for by JAA	Member Services	12%
OSHA Compliance and Standards Guidance	Safety	12%
Magazine	Communications and Marketing Support	8%
Lineworkers Rodeo	Training and Development	4%
Safety Awards Program	Safety	4%
APPA e-Safety Tracker Paid for by JAA	Safety	0%

SECTION 2: BUSINESS AND FINANCE SERVICES

Table 4a summarizes results for the business and finance services category in order of the mostly commonly offered services. The following table, 4b, provides further details on which JAAs offer each service. There were five “other” submission for business and finance services, as described below.

- **Energy Northwest:** Workforce development, energy generation project studies and development, cyber programs, grant writing, etc.
- **Florida Municipal Power Agency:** Budget modeling support, strategic financial planning, capital planning support, educational support on utility billing, and financial management
- **Michigan Public Power Agency:** Business and credit risk assessment
- **MEAG Power:** Distribution lease financing program
- **WPPI Energy:** Benchmarking studies, five-year projection of purchased power costs and sales revenue, rate comparisons

Table 4a. Business and Finance Services in Order of the Most Common

Service	JAA's Offering
Rate Studies / Cost of Service Studies	52%
On-Behalf-of Financing / JAA Utility Loan Program	40%
Utility Value Assessments	28%
Salary Surveys	20%

Table 4b. Business and Finance Services

Joint Action Agency Name	On-Behalf-of Financing / JAA Utility Loan Program	Rate Studies / Cost of Service Studies	Salary Surveys	Utility Value Assessments
American Municipal Power, Inc.	Yes (F)	No	No	No
Connecticut Municipal Electric Energy Cooperative	No	No	No	No
Energy Northwest	No	Yes (F)	Yes (F)	No
Florida Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Heartland Energy	Yes (F)	Yes (D)	No	Yes (D)
Indiana Municipal Power Agency	No	Yes (F)	Yes (F)	Yes (F)
Kansas Municipal Energy Agency	Yes (D)	Yes (F)	No	Yes (D)
Kentucky Municipal Energy Agency	No	No	No	No
KPP Energy	Yes (D)	Yes (D)	No	No
Massachusetts Municipal Wholesale Electric Company	Yes (F)	Yes (D)	No	No
Michigan Public Power Agency	No	No	No	No
Missouri River Energy Services	No	Yes (F)	Yes (D)	Yes (D)
MEAG Power	Yes (F)	No	No	No
NMPP Energy	No	No	No	No
North Iowa Municipal Electric Cooperative Association	No	No	No	No
Northern California Power Agency	No	No	No	No
Northern Municipal Power Agency	No	Yes (F)	No	No
Oklahoma Municipal Power Authority	Yes (F)	Yes (D)	No	Yes (D)
Piedmont Municipal Power Agency	No	No	No	No
Platte River Power Authority	No	No	Yes (F)	No
Southern Minnesota Municipal Power Agency	No	No	No	Yes (D)
Southwest Public Power Agency, Inc.	No	No	No	No
Utah Municipal Power Agency	No	Yes (F)	No	No
Wyoming Municipal Power Agency	Yes (F)	Yes (F)	No	No
WPPI Energy	Yes (D)	Yes (D)	No	No

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

SECTION 3: COMMUNICATIONS AND MARKETING SUPPORT SERVICES

Table 5a summarizes results for the communications and marketing services category in order of the mostly commonly offered services. The following tables, 5b-5c, provide further details on which JAAs offer each service. There were five “other” submissions for communications and marketing services, as described below.

- **American Municipal Power, Inc.:** Scholarship program and AMP Annual Conference
- **Energy Northwest:** Event coordination
- **Indiana Municipal Power Agency:** Community welcome signs
- **Platte River Power Authority:** Common customer energy program website
- **WPPI Energy:** Customized energy reports, peak time usage communications, and customized news releases

Table 5a. Communications and Marketing Support Services in Order of the Most Common

Service	JAA's Offering
Promotional Marketing Materials	72%
Public Relations, Communications, and Media Relations Assistance	72%
Newsletter	64%
Graphic Design and Advertising Services	52%
Benefits of Public Power Communications Program	50%
Community Relations Programs	48%
Video Resources	36%
Social Media Services	32%
Member Services Catalog	20%
Web Site Assistance	16%
Magazine	8%

Table 5b. Communications and Marketing Support Services

Joint Action Agency Name	Benefits of Public Power Communications Program	Community Relations Programs	Graphic Design and Advertising Services	Magazine	Member Services Catalog	Newsletter
American Municipal Power, Inc.	Yes (D)	No	Yes (D)	No	No	Yes (D)
Connecticut Municipal Electric Energy Cooperative	No	No	No	No	No	No
Energy Northwest	Yes (D)	Yes (D)	Yes (F)	No	No	Yes (D)
Florida Municipal Power Agency	Yes (D)	No	Yes (D)	No	Yes (D)	Yes (D)
Heartland Energy		Yes (D)	Yes (D)	Yes (D)	No	Yes (D)
Indiana Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	No	No	Yes (D)
Kansas Municipal Energy Agency	No	No	No	No	No	Yes (D)
Kentucky Municipal Energy Agency	Yes (D)	No	No	No	No	Yes (D)
KPP Energy	Yes (D)	Yes (D)	No	No	No	Yes (D)
Massachusetts Municipal Wholesale Electric Company	Yes (D)	Yes (D)	Yes (D)	No	Yes (D)	Yes (D)
Michigan Public Power Agency	No	No	No	No	No	Yes (D)
Missouri River Energy Services	Yes (D)	Yes (D)	Yes (F)	No	Yes (D)	No
MEAG Power	No	No	No	No	No	No
NMPP Energy	No	No	No	No	No	Yes (D)
North Iowa Municipal Electric Cooperative Association	No	No	No	No	No	No
Northern California Power Agency	No	No	No	No	Yes (D)	Yes (D)
Northern Municipal Power Agency	No	Yes (D)	Yes (F)	No	No	Yes (D)
Oklahoma Municipal Power Authority	Yes (D)	Yes (D)	Yes (D)	No	No	Yes (D)
Piedmont Municipal Power Agency	No	No	No	No	No	No
Platte River Power Authority	No	Yes (D)	Yes (D)	No	No	No
Southern Minnesota Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	Yes (D)	No	Yes (D)
Southwest Public Power Agency, Inc.	No	No	No	No	No	No
Utah Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	No	No	No
Wyoming Municipal Power Agency	No	No	No	No	No	No
WPPI Energy	Yes (D)	Yes (D)	Yes (D)	No	Yes (D)	Yes (D)

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

Table 5c. Communications and Marketing Support Services

Joint Action Agency Name	Promotional Marketing Materials	Public Relations, Communications and Media Relations Assistance	Social Media Services	Video Resources	Web Site Assistance
American Municipal Power, Inc.	Yes (D)	Yes (D)	No	No	No
Connecticut Municipal Electric Energy Cooperative	No	Yes (D)	No	No	No
Energy Northwest	Yes (F)	Yes (F)	No	No	No
Florida Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Heartland Energy	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Indiana Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	Yes (D)	No
Kansas Municipal Energy Agency	Yes (D)	Yes (D)	No	No	No
Kentucky Municipal Energy Agency	Yes (D)	Yes (D)	Yes (D)	Yes (D)	No
KPP Energy	No	No	No	No	No
Massachusetts Municipal Wholesale Electric Company	Yes (D)	Yes (D)	Yes (D)	Yes (D)	No
Michigan Public Power Agency	Yes (D)	No	No	No	No
Missouri River Energy Services	Yes (F)	Yes (D)	No	No	No
MEAG Power	No	No	No	No	No
NMPP Energy	Yes (D)	Yes (D)	No	No	No
North Iowa Municipal Electric Cooperative Association	No	No	No	No	No
Northern California Power Agency	Yes (D)	Yes (D)	No	No	No
Northern Municipal Power Agency	Yes (F)	Yes (D)	No	No	No
Oklahoma Municipal Power Authority	Yes (D)	Yes (D)	No	Yes (D)	No
Piedmont Municipal Power Agency	No	No	No	No	No
Platte River Power Authority	Yes (D)	Yes (D)	Yes (D)	Yes (D)	No
Southern Minnesota Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	No	Yes (D)
Southwest Public Power Agency, Inc.	No	No	No	No	No
Utah Municipal Power Agency	Yes (D)	Yes (D)	No	Yes (D)	No
Wyoming Municipal Power Agency	No	No	No	No	No
WPPI Energy	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

SECTION 4: COMPLIANCE AND REGULATORY SERVICES

Table 6a summarizes results for the compliance and regulatory services category in order of the mostly commonly offered services. The following tables, 6b-6c, provide further details on which JAAs offer each service. There was one “other” submission for compliance and regulatory services, as described below.

- **MEAG Power:** Provides and schedules all wholesale power to the participant distribution point

Table 6a. Compliance and Regulatory Services in Order of the Most Common

Service	JAA's Offering
Interconnection Standards for Renewable Energy	80%
Market Participation Services	68%
NERC Compliance	64%
RTO / ISO Coordination	64%
Legal Services / Assistance	60%
Contract Management / Review	58%
Environmental / Compliance Services	56%

Table 6b. Compliance and Regulatory Services

Joint Action Agency Name	Contract Management / Review	Environmental / Compliance Services	Interconnection Standards for Renewable Energy	Legal Services / Assistance
American Municipal Power, Inc.	No	Yes (F)	Yes (D)	Yes (F)*
Connecticut Municipal Electric Energy Cooperative	No	Yes (D)	Yes (D)	Yes (D)
Energy Northwest	Yes (F)	Yes (F)	Yes (F)	Yes (F)
Florida Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Heartland Energy		No	Yes (D)	Yes (D)
Indiana Municipal Power Agency	No	No	Yes (F)	No
Kansas Municipal Energy Agency	Yes (D)	No	Yes (D)	Yes (D)
Kentucky Municipal Energy Agency	Yes (D)	Yes (D)	Yes (D)	Yes (D)
KPP Energy	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Massachusetts Municipal Wholesale Electric Company	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Michigan Public Power Agency	Yes (F)	Yes (F)	No	No
Missouri River Energy Services	No	No	Yes (D)	No
MEAG Power	Yes (D)	No	Yes (D)	Yes (D)
NMPP Energy	No	Yes (F)	Yes (D)	No
North Iowa Municipal Electric Cooperative Association	Yes (D)	No	Yes (D)	Yes (D)
Northern California Power Agency	Yes (D)	Yes (D)	No	Yes (D)
Northern Municipal Power Agency	No	No	Yes (D)	No
Oklahoma Municipal Power Authority	No	Yes (D)	Yes (D)	Yes (D)
Piedmont Municipal Power Agency	Yes (D)	No	Yes (D)	Yes (D)
Platte River Power Authority	Yes (F)	Yes (D)	No	No
Southern Minnesota Municipal Power Agency	No	Yes (D)	Yes (D)	No
Southwest Public Power Agency, Inc.	Yes (D)	No	Yes (F)	No
Utah Municipal Power Agency	Yes (D)	Yes (D)	No	Yes (D)
Wyoming Municipal Power Agency	No	No	No	No
WPPI Energy	No	No	Yes (D)	No

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

*Some Legal services are offered as part of the dues as well.

Table 6c. Compliance and Regulatory Services

Joint Action Agency Name	Market Participation Services	NERC Compliance	RTO / ISO Coordination
American Municipal Power, Inc.	Yes (D)	Yes (F)	Yes (D)
Connecticut Municipal Electric Energy Cooperative	Yes (D)	Yes (D)	Yes (D)
Energy Northwest	Yes (F)	No	No
Florida Municipal Power Agency	No	Yes (D)	No
Heartland Energy	Yes (D)	Yes (D)	Yes (D)
Indiana Municipal Power Agency	No	No	No
Kansas Municipal Energy Agency	Yes (F)	Yes (D)	Yes (D)
Kentucky Municipal Energy Agency	Yes (D)	Yes (D)	Yes (D)
KPP Energy	Yes (D)	Yes (D)	Yes (D)
Massachusetts Municipal Wholesale Electric Company	Yes (D)	Yes (D)	Yes (D)
Michigan Public Power Agency	Yes (F)	Yes (F)	Yes (F)
Missouri River Energy Services	Yes (F)	No	Yes (D)
MEAG Power	No	No	No
NMPP Energy	No	No	No
North Iowa Municipal Electric Cooperative Association	Yes (D)	No	Yes (D)
Northern California Power Agency	Yes (D)	No	No
Northern Municipal Power Agency	No	Yes (D)	Yes (D)
Oklahoma Municipal Power Authority	Yes (D)	Yes (D)	Yes (D)
Piedmont Municipal Power Agency	No	Yes (D)	No
Platte River Power Authority	Yes (D)	Yes (D)	Yes (D)
Southern Minnesota Municipal Power Agency	Yes (F)	Yes (F)	Yes (F)
Southwest Public Power Agency, Inc.	Yes (D)	No	No
Utah Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)
Wyoming Municipal Power Agency	No	No	No
WPPI Energy	No	Yes (D)	Yes (D)

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

SECTION 5: ENERGY SERVICES

Table 7a summarizes results for the energy services category in order of the mostly commonly offered services. The following tables, 7b-7d, provide further details on which JAAs offer each service. There were four “other” submission for energy services, as described below.

- **American Municipal Power, Inc.:** Green pricing program for customers to offset electricity use with RECs; grant guidance is provided (assist in finding grants and partnered with a third party for reduced cost grant writing assistance)
- **MEAG Power:** Considering an interruptible load program, and market research relative to power supply needs
- **Platte River Power Authority:** Trade ally/contractor management and training
- **WPPI Energy:** Key account management, market-based pricing options, shared savings program, technical training and educational outreach

Table 7a. Energy Services in Order of the Most Common

Service	JAA's Offering
Load Profiling	72%
Demand Response / Load Management	68%
Energy Efficiency Programs	68%
Energy Efficiency Incentives	60%
Key Account Support / Education / Services	60%
Customer-Sited Distributed Energy Resources	54%
Energy Audits	52%
Economic Development Assistance	48%
Market Research	48%
New Construction Design & Assistance Program	48%
Solar Programs	46%
Energy Education for Schools	44%
Power Quality Studies	40%
Grants	36%
Distributed Energy Resource Rebates and Incentives	32%
EV Programs	28%
Low-Income Programs	24%
Energy Storage Programs	12%

Table 7b. Energy Services

Joint Action Agency Name	Customer-Sited Distributed Energy Resources	Demand Response / Load Management	Distributed Energy Resource Rebates and Incentives	Economic Development Assistance	Energy Audits	Energy Education for Schools
American Municipal Power, Inc.	No	Yes (F)	No	Yes (D)	Yes (F)	No
Connecticut Municipal Electric Energy Cooperative	Yes (D)	Yes (D)	No	Yes (D)	No	No
Energy Northwest	Yes (F)	Yes (F)	No	Yes (F)	Yes (F)	Yes (F)
Florida Municipal Power Agency	Yes (D)	No	Yes (D)	Yes (D)	No	No
Heartland Energy		No	No	No	Yes (D)	Yes (D)
Indiana Municipal Power Agency	Yes (F)	Yes (F)	No	Yes (D)	No	No
Kansas Municipal Energy Agency	Yes (D)	Yes (D)	No	No	No	No
Kentucky Municipal Energy Agency	No	No	No	No	No	No
KPP Energy	No	Yes (D)	Yes (D)	No	No	No
Massachusetts Municipal Wholesale Electric Company	Yes (F)	Yes (F)	Yes (F)	Yes (D)	Yes (F)	No
Michigan Public Power Agency	Yes (F)	Yes (F)	No	No	Yes (F)	No
Missouri River Energy Services	No	Yes (F)	No	Yes (D)	Yes (D)	Yes (D)
MEAG Power	No	Yes (D)	No	No	No	No
NMPP Energy	No	No	Yes (D)	No	Yes (D)	Yes (D)
North Iowa Municipal Electric Cooperative Association	No	No	No	No	No	No
Northern California Power Agency	No	No	No	No	No	No
Northern Municipal Power Agency	No	Yes (D)	Yes (F)	Yes (D)	Yes (F)	Yes (D)
Oklahoma Municipal Power Authority	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Piedmont Municipal Power Agency	No	Yes (D)	No	Yes (D)	Yes (D)	Yes (D)
Platte River Power Authority	Yes (D)	Yes (D)	Yes (D)	No	Yes (D)	Yes (D)
Southern Minnesota Municipal Power Agency	Yes (D)	No	No	Yes (D)	Yes (D)	Yes (D)
Southwest Public Power Agency, Inc.	No	No	No	No	No	No
Utah Municipal Power Agency	Yes (D)	Yes (D)	No	No	No	Yes (D)
Wyoming Municipal Power Agency	Yes (D)	Yes (D)	No	No	No	No
WPPI Energy	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

Table 7c. Energy Services

Joint Action Agency Name	Energy Efficiency Incentives	Energy Efficiency Programs	Energy Storage Programs	EV Programs	Grants	Key Account Support / Education / Services
American Municipal Power, Inc.	Yes (F)	Yes (F)	No	No	No	Yes (F)
Connecticut Municipal Electric Energy Cooperative	No	Yes (D)	Yes (D)	No	No	Yes (D)
Energy Northwest	No	Yes (F)	No	Yes (F)	Yes (F)	Yes (F)
Florida Municipal Power Agency	Yes (D)	Yes (D)	No	No	No	Yes (D)
Heartland Energy	Yes (D)	Yes (D)	Yes (D)	No	Yes (D)	Yes (D)
Indiana Municipal Power Agency	Yes (D)	Yes (D)	No	No	No	Yes (D)
Kansas Municipal Energy Agency	No	No	No	No	Yes (D)	Yes (D)
Kentucky Municipal Energy Agency	No	No	No	No	No	No
KPP Energy	Yes (D)	Yes (D)	No	No	No	Yes (D)
Massachusetts Municipal Wholesale Electric Company	Yes (F)	Yes (F)	Yes (F)	Yes (F)	Yes (D)	No
Michigan Public Power Agency	Yes (F)	Yes (F)	No	No	No	Yes (F)
Missouri River Energy Services	Yes (D)	Yes (D)	No	Yes (D)	No	Yes (D)
MEAG Power	No	No	No	No	No	No
NMPP Energy	Yes (D)	Yes (D)	No	No	No	No
North Iowa Municipal Electric Cooperative Association	No	No	No	No	No	No
Northern California Power Agency	No	No	No	No	No	No
Northern Municipal Power Agency	Yes (F)	Yes (D)	No	Yes (D)	No	Yes (D)
Oklahoma Municipal Power Authority	Yes (D)	Yes (D)	No	No	Yes (D)	Yes (D)
Piedmont Municipal Power Agency	No	No	No	No	Yes (D)	No
Platte River Power Authority	Yes (D)	Yes (D)	No	Yes (D)	No	Yes (D)
Southern Minnesota Municipal Power Agency	Yes (D)	Yes (D)	No	Yes (D)	Yes (D)	Yes (D)
Southwest Public Power Agency, Inc.	No	No	No	No	No	No
Utah Municipal Power Agency	Yes (D)	Yes (D)	No	No	Yes (D)	No
Wyoming Municipal Power Agency	No	No	No	No	No	No
WPPI Energy	Yes (D)	Yes (D)	No	Yes (D)	Yes (D)	Yes (D)

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

Table 7d. Energy Services

Joint Action Agency Name	Load Profiling	Low-Income Programs	Market Research	New Construction Design & Assistance Program	Power Quality Studies	Solar Programs
American Municipal Power, Inc.	No	No	No	Yes (F)	Yes (F)	No
Connecticut Municipal Electric Energy Cooperative	Yes (D)	No	Yes (D)	No	No	No
Energy Northwest	No	No	Yes (F)	Yes (F)	Yes (F)	Yes (F)
Florida Municipal Power Agency	Yes (D)	No	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Heartland Energy	Yes (D)	No	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Indiana Municipal Power Agency	Yes (F)	No	Yes (D)	No	Yes (F)	No
Kansas Municipal Energy Agency	No	No	No	Yes (F)	Yes (F)	
Kentucky Municipal Energy Agency	No	No	No	No	No	No
KPP Energy	Yes (D)	No	No	Yes (D)	No	No
Massachusetts Municipal Wholesale Electric Company	Yes (D)	Yes (F)	Yes (D)	Yes (F)	No	Yes (F)
Michigan Public Power Agency	Yes (F)	Yes (F)	Yes (D)	No	No	Yes (F)
Missouri River Energy Services	Yes (D)	No	No	Yes (D)	No	No
MEAG Power	Yes (D)	No	Yes (D)	No	No	No
NMPP Energy	Yes (D)	No	No	No	Yes (D)	Yes (D)
North Iowa Municipal Electric Cooperative Association	No	No	No	No	No	No
Northern California Power Agency	No	No	No	No	No	No
Northern Municipal Power Agency	Yes (D)	Yes (D)	No	No	Yes (D)	No
Oklahoma Municipal Power Authority	Yes (D)	No	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Piedmont Municipal Power Agency	Yes (D)	No	No	Yes (D)	No	Yes (D)
Platte River Power Authority	No	Yes (D)	Yes (D)	No	No	No
Southern Minnesota Municipal Power Agency	Yes (D)	Yes (D)	No	Yes (D)	No	Yes (D)
Southwest Public Power Agency, Inc.	Yes (D)	No	Yes (D)	No	No	No
Utah Municipal Power Agency	Yes (D)	No	No	No	No	Yes (D)
Wyoming Municipal Power Agency	Yes (D)	No	No	No	No	No
WPPI Energy	Yes (D)	Yes (F)	Yes (D)	Yes (D)	Yes (D)	Yes (D)

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

SECTION 6: ENGINEERING AND OPERATIONS SERVICES

Table 8a summarizes results for the engineering and operations services category in order of the mostly commonly offered services. The following tables, 8b-8d, provide further details on which JAAs offer each service. There was one “other” submission for engineering and operations services, as described below.

- **WPPI Energy:** GIS support, outage management, and shared meter technicians

Table 8a. Summary of Engineering and Operations Services in Order of the Most Common

Service	JAA's Offering
Engineering Support	52%
T&D Project Design & Consultation	48%
Disaster Assistance / Mutual Aid	44%
Distribution Services	44%
System Mapping	40%
System Reviews	40%
System Losses Studies	38%
Infrared Testing	36%
APPA Reliable Public Power Provider (RP3) Application Assistance	28%
Hosted AMI System	28%
Pole Attachment Assistance	28%
Hosted SCADA System	24%
Operation of Electric System (management, crews, billing, CSRs)	24%
Reliability Tracking and Reporting Outside of APPA e-Reliability Tracker	24%
APPA e-Reliability Tracker Paid for by JAA	21%
APPA Smart Energy Provider (SEP) Application Assistance	16%
Drones	16%
Circuit Rider	12%
Hosted Billing / Customer Information System	12%

Table 8b. Engineering and Operations Services

Joint Action Agency Name	APPA e-Reliability Tracker Paid for by JAA	APPA Reliable Public Power Provider (RP3) Application Assistance	APPA Smart Energy Provider (SEP) Application Assistance	Circuit Rider	Disaster Assistance / Mutual Aid	Distribution Services
American Municipal Power, Inc.	Yes (D)	Yes (D)	Yes (D)	Yes (F)	Yes (D)	Yes (F)
Connecticut Municipal Electric Energy Cooperative	No	No	No	No	No	No
Energy Northwest	No	No	No	No	No	Yes (F)
Florida Municipal Power Agency	No	Yes (D)	No	No	No	Yes (D)
Heartland Energy		No	Yes (D)	Yes (D)	No	Yes (D)
Indiana Municipal Power Agency	No	Yes (D)	No	No	Yes (F)	Yes (F)
Kansas Municipal Energy Agency	No	No	No	Yes (F)	No	Yes (D)
Kentucky Municipal Energy Agency	No	No	No	No	No	No
KPP Energy	No	Yes (D)	No	No	Yes (D)	No
Massachusetts Municipal Wholesale Electric Company	No	Yes (F)	Yes (F)	No	No	No
Michigan Public Power Agency	No	No	No	No	No	No
Missouri River Energy Services	Yes (D)	No	No	No	Yes (D)	Yes (F)
MEAG Power	No	No	No	No	No	No
NMPP Energy	No	No	No	No	Yes (F)	Yes (D)
North Iowa Municipal Electric Cooperative Association	No	No	No	No	No	No
Northern California Power Agency	No	No	No	No	No	No
Northern Municipal Power Agency	No	Yes (D)	No	No	Yes (D)	Yes (D)
Oklahoma Municipal Power Authority	Yes (D)	No	No	No	Yes (D)	Yes (D)
Piedmont Municipal Power Agency	No	No	No	No	Yes (D)	No
Platte River Power Authority	No	No	No	No	Yes (F)	No
Southern Minnesota Municipal Power Agency	Yes (D)	No	No	No	Yes (D)	No
Southwest Public Power Agency, Inc.	No	No	No	No	No	No
Utah Municipal Power Agency	No	No	No	No	Yes (D)	No
Wyoming Municipal Power Agency	No	No	No	No	No	No
WPPI Energy	Yes (D)	Yes (D)	Yes (D)	No	No	Yes (D)

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

Table 8c. Engineering and Operations Services

Joint Action Agency Name	Drones	Engineering Support	Hosted AMI System	Hosted Billing / Customer Information System	Hosted SCADA System	Infrared Testing	Operation of Electric System (management, crews, billing, CSRs)
American Municipal Power, Inc.	No	Yes (F)	Yes (F)	No	No	Yes (F)	No
Connecticut Municipal Electric Energy Cooperative	No	No	No	No	No	No	No
Energy Northwest	No	Yes (F)	No	No	No	No	Yes (F)
Florida Municipal Power Agency	No	Yes (D)	No	No	No	No	No
Heartland Energy	No	No	No	No	No	No	No
Indiana Municipal Power Agency	Yes (F)	Yes (F)	Yes (F)	No	No	Yes (F)	Yes (F)
Kansas Municipal Energy Agency	No	Yes (D)	Yes (F)	No	No	Yes (D)	Yes (F)
Kentucky Municipal Energy Agency	No	No	No	No	No	No	No
KPP Energy	No	Yes (D)	No	No	Yes (F)	Yes (D)	No
Massachusetts Municipal Wholesale Electric Company	No	Yes (D)	No	No	No	No	No
Michigan Public Power Agency	No	No	No	No	No	No	No
Missouri River Energy Services	No	Yes (D)	Yes (F)	Yes (F)	No	Yes (F)	Yes (F)
MEAG Power	No	No	No	No	Yes (F)	No	No
NMPP Energy	No	Yes (D)	No	No	No	Yes (D)	No
North Iowa Municipal Electric Cooperative Association	No	No	No	No	No	No	No
Northern California Power Agency	No	No	No	No	No	No	No
Northern Municipal Power Agency	Yes (F)	Yes (F)	No	No	Yes (D)	Yes (D)	No
Oklahoma Municipal Power Authority	Yes (D)	Yes (D)	No	No	Yes (D)	Yes (D)	No
Piedmont Municipal Power Agency	No	No	Yes (D)	No	No	No	No
Platte River Power Authority	No	Yes (F)	No	Yes (F)	Yes (F)	No	Yes (F)
Southern Minnesota Municipal Power Agency	No	No	Yes (D)	No	No	No	No
Southwest Public Power Agency, Inc.	No	No	No	No	No	No	No
Utah Municipal Power Agency	No	No	No	No	Yes (D)	No	No
Wyoming Municipal Power Agency	No	No	No	No	No	No	No
WPPI Energy	Yes (F)	Yes (D)	Yes (F)	Yes (F)	No	Yes (F)	Yes (D)

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

Table 8d. Engineering and Operations Services

Joint Action Agency Name	Pole Attachment Assistance	Reliability Tracking and Reporting Outside of APPA e-Reliability Tracker	System Losses Studies	System Mapping	System Reviews	T&D Project Design & Consultation
American Municipal Power, Inc.	Yes (D)	No	Yes (F)	Yes (F)	Yes (F)	Yes (F)
Connecticut Municipal Electric Energy Cooperative	No	No	No	No	No	No
Energy Northwest	No	No	No	No	No	Yes (F)
Florida Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Heartland Energy	No	No	No	Yes (D)	No	No
Indiana Municipal Power Agency	Yes (F)	Yes (F)	Yes (F)	Yes (F)	Yes (F)	Yes (F)
Kansas Municipal Energy Agency	Yes (D)	No	No	Yes (F)	Yes (F)	Yes (F)
Kentucky Municipal Energy Agency	No	No	Yes (F)	Yes (F)	Yes (F)	No
KPP Energy	No	No	No	No	Yes (D)	No
Massachusetts Municipal Wholesale Electric Company	No	No	Yes (F)	Yes (F)	Yes (D)	Yes (F)
Michigan Public Power Agency	No	No	No	No	No	No
Missouri River Energy Services	No	Yes (D)	No	No	No	Yes (F)
MEAG Power	No	Yes (D)	No	No	No	No
NMPP Energy	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
North Iowa Municipal Electric Cooperative Association	No	No	No	No	No	No
Northern California Power Agency	No	No	No	No	No	No
Northern Municipal Power Agency	No	No	Yes (D)	No	No	No
Oklahoma Municipal Power Authority	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Piedmont Municipal Power Agency	No	No		No	No	Yes (D)
Platte River Power Authority	Yes (F)	No	No	No	No	Yes (F)
Southern Minnesota Municipal Power Agency	No	No	No	No	No	No
Southwest Public Power Agency, Inc.	No	No	No	No	No	No
Utah Municipal Power Agency	No	No	No	No	No	No
Wyoming Municipal Power Agency	No	No	No	No	No	No
WPPI Energy	No	No	Yes (D)	Yes (F)	Yes (D)	Yes (D)

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

SECTION 7: INFORMATION TECHNOLOGY SERVICES

Table 9a summarizes results for the information technology services category in order of the mostly commonly offered services. The following table, 9b, provides further details on which JAAs offer each service. There was one “other” submission for information technology services, as described below.

- **American Municipal Power, Inc.:** SCADA assessments

Table 9a: Information Technology Services in Order of the Most Common

Service	JAA's Offering
Cybersecurity Services	38%
IT Consulting	36%
Phishing Campaigns (such as KnowbBe4)	21%
Network Administration Services	20%
Network Engineering Services	20%
Hosting / Backup Services	12%

Table 9b: Information Technology Services

Joint Action Agency Name	Cybersecurity Services	Hosting / Backup Services	IT Consulting	Network Administration Services	Network Engineering Services	Phishing Campaigns (such as KnowBe4)
American Municipal Power, Inc.	Yes (F)	No	Yes (F)	No	Yes (F)	No
Connecticut Municipal Electric Energy Cooperative	No	No	No	No	No	No
Energy Northwest	Yes (F)	Yes (F)	Yes (D)	Yes (F)	Yes (F)	Yes (F)
Florida Municipal Power Agency	Yes (D)	No	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Heartland Energy		Yes (D)	No	Yes (D)	No	No
Indiana Municipal Power Agency	No	No	No	No	No	No
Kansas Municipal Energy Agency	No	No	No	No	No	No
Kentucky Municipal Energy Agency	Yes (F)	No	Yes (F)	No	No	No
KPP Energy	No	No	No	No	No	No
Massachusetts Municipal Wholesale Electric Company	No	No	Yes (D)	No	No	No
Michigan Public Power Agency	No	No	No	No	No	No
Missouri River Energy Services	Yes (F)	No	No	No	No	No
MEAG Power	No	No	No	No	No	No
NMPP Energy	No	No	No	No	No	No
North Iowa Municipal Electric Cooperative Association	No	No	No	No	No	No
Northern California Power Agency	No	No	No	No	No	No
Northern Municipal Power Agency	No	No	No	No	No	No
Oklahoma Municipal Power Authority	Yes (D)	No	No	No	No	Yes (D)
Piedmont Municipal Power Agency	No	No	Yes (F)	Yes (F)	Yes (F)	No
Platte River Power Authority	No	No	No	No	No	No
Southern Minnesota Municipal Power Agency	Yes (D)	No	Yes (D)	No	No	Yes (D)
Southwest Public Power Agency, Inc.	No	No	No	No	No	No
Utah Municipal Power Agency	Yes (D)	No	Yes (D)	No	No	No
Wyoming Municipal Power Agency	No	No	No	No	No	No
WPPI Energy	Yes (F)	Yes (F)	Yes (F)	Yes (F)	Yes (F)	Yes (F)

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

SECTION 8: MEMBER SERVICES

Table 10a summarizes results for the member services category in order of the mostly commonly offered services. The following tables, 10b-10c, provide further details on which JAAs offer each service. There was one “other” submission for member services, as described below.

- **WPPI Energy:** Community contributions funds, speakers bureau, community leader outreach, customer right-to-service (territory) support, and interim utility management

There were also five “other” consulting submissions for member services, as described below.

- **Energy Northwest:** Energy investment strategy, workforce development opportunities, and grant assistance (general support if not enrolled in the grants program)
- **Florida Municipal Power Agency:** Engineering services RFQ reflects joint procurement of a wide range of consulting services; can engage in the project as a subject-matter expert where possible, support project management of consulting assignments, or provide certain limited consultative services pursuant to a scope of work and its Member Services Advisory Committee policy on hours expended, which may result in a billable project
- **NMPP Energy:** Electrical distribution systems
- **North Iowa Municipal Electric Cooperative Association:** RTO transmission revenue requirement reporting
- **Southwest Public Power Agency, Inc.:** Same consultant that provides service to SPPA also provides service to members

Table 10a: Member Services in Order of the Most Common

Service	JAA's Offering
Federal Legislative / Regulatory Advocacy	88%
State Legislative / Regulatory Advocacy	80%
APPA Membership Paid for by JAA	75%
Relationships / Partnerships with Vendors to Offer Discounts	63%
APPA DEED Membership Paid for by JAA	60%
Consulting Services	56%
Project Management	52%
Scholarships / Registrations for APPA Conferences	52%
Joint Purchasing	44%
Meter Technician Services	28%
State Association Membership Paid for by JAA	12%

Table 10b: Member Services

Joint Action Agency Name	APPA Membership Paid for by JAA	APPA DEED Membership Paid for by JAA	Consulting Services	Federal Legislative / Regulatory Advocacy	Joint Purchasing	Meter Technician Services
American Municipal Power, Inc.	Yes (D)	Yes (D)	No	Yes (D)	Yes (F)	No
Connecticut Municipal Electric Energy Cooperative	No	No	No	Yes (D)	No	Yes (D)
Energy Northwest	No	Yes (F)	Yes (D)	Yes (F)	Yes (F)	No
Florida Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Heartland Energy		Yes (D)	Yes (D)	No	Yes (D)	No
Indiana Municipal Power Agency	Yes (D)	Yes (D)	Yes (F)	Yes (D)	Yes (F)	Yes (F)
Kansas Municipal Energy Agency	Yes (F)	No	Yes (D)	Yes (D)	No	Yes (F)
Kentucky Municipal Energy Agency	No	No	No	Yes (F)	No	No
KPP Energy	Yes (D)	No	No	Yes (D)	Yes (D)	No
Massachusetts Municipal Wholesale Electric Company	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)	No
Michigan Public Power Agency	Yes (F)	No	No	Yes (D)	No	No
Missouri River Energy Services	Yes (D)	Yes (D)	Yes (F)	Yes (D)	No	No
MEAG Power	Yes (D)	No	No	No	No	No
NMPP Energy	Yes (D)	Yes (D)	Yes (D)	Yes (D)	No	Yes (D)
North Iowa Municipal Electric Cooperative Association	Yes (F)	Yes (F)	Yes (F)	Yes (D)	Yes (D)	No
Northern California Power Agency	Yes (D)	Yes (D)	No	Yes (D)	Yes (F)	No
Northern Municipal Power Agency	No	No	Yes (F)	Yes (D)	No	No
Oklahoma Municipal Power Authority	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)	No
Piedmont Municipal Power Agency	Yes (D)	Yes (D)	No	Yes (D)	No	No
Platte River Power Authority	Yes (F)	Yes (D)	No	Yes (D)	No	No
Southern Minnesota Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	Yes (D)	No	No
Southwest Public Power Agency, Inc.	No	No	Yes (F)	No	No	No
Utah Municipal Power Agency	No	No	No	Yes (D)	No	Yes (F)
Wyoming Municipal Power Agency	Yes (D)	No	No	Yes (D)	No	No
WPPI Energy	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (F)

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

Table 10c: Member Services

Joint Action Agency Name	Project Management	Relationships / Partnerships with Vendors to Offer Discounts	Scholarships / Registrations for APPA Conferences	State Association Membership Paid for by JAA	State Legislative / Regulatory Advocacy
American Municipal Power, Inc.	Yes (F)	Yes (D)	Yes (D)	No	Yes (D)
Connecticut Municipal Electric Energy Cooperative	Yes (D)	No	No	No	Yes (D)
Energy Northwest	Yes (F)	Yes (D)	Yes (F)	No	Yes (D)
Florida Municipal Power Agency	Yes (D)	Yes (D)	No	Yes (D)	Yes (D)
Heartland Energy	No	No	No	No	No
Indiana Municipal Power Agency	Yes (F)	Yes (F)	No	No	Yes (D)
Kansas Municipal Energy Agency	Yes (F)		Yes (D)	No	Yes (D)
Kentucky Municipal Energy Agency	No	No	Yes (D)	No	No
KPP Energy	Yes (D)	No	Yes (D)	No	Yes (D)
Massachusetts Municipal Wholesale Electric Company	Yes (F)	Yes (F)	No	No	Yes (D)
Michigan Public Power Agency	No	No	No	No	Yes (D)
Missouri River Energy Services	No	Yes (D)	No	No	Yes (D)
MEAG Power	No	No	No	No	No
NMPP Energy	Yes (D)	Yes (D)	Yes (D)	No	Yes (D)
North Iowa Municipal Electric Cooperative Association	No	No	No	No	Yes (D)
Northern California Power Agency	No	Yes (D)	No	No	Yes (D)
Northern Municipal Power Agency	No	Yes (D)	Yes (D)	No	Yes (D)
Oklahoma Municipal Power Authority	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Piedmont Municipal Power Agency	No	Yes (D)	Yes (D)	No	Yes (D)
Platte River Power Authority	No	Yes (D)	Yes (D)	No	Yes (D)
Southern Minnesota Municipal Power Agency	No	Yes (D)	Yes (D)	No	Yes (D)
Southwest Public Power Agency, Inc.	Yes (D)	No	No	No	No
Utah Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Wyoming Municipal Power Agency	No	No	No	No	No
WPPI Energy	Yes (D)	Yes (D)	Yes (D)	No	Yes (D)

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

SECTION 9: POWER SUPPLY SERVICES

Table 11a summarizes results for the power services category in order of the mostly commonly offered services. The following table, 11b, provides further details on which JAAs offer each service. There were two “other” submissions for power supply services, as described below.

- **Michigan Public Power Agency:** Market operations (day ahead / real time energy purchase/sale), settlements, and wholesale market participation (with the RTOs)
- **MEAG Power:** Individual load forecasts, integrated resource plans, and what-if analysis

Table 11a. Power Supply Services in Order of the Most Common

Service	JAA's Offering
Power Supply Planning	92%
JAA Owned Generation	84%
PPA Arrangements	84%
Energy Control Center	63%
Generation Maintenance	60%

Table 11b. Power Supply Services

Joint Action Agency Name	Energy Control Center	Generation Maintenance	JAA Owned Generation	PPA Arrangements	Power Supply Planning
American Municipal Power, Inc.	Yes (D)	Yes (F)	Yes (F)	Yes (D)	Yes (D)
Connecticut Municipal Electric Energy Cooperative	No	No	Yes (D)	Yes (D)	Yes (D)
Energy Northwest	No	Yes (F)	Yes (F)	Yes (F)	Yes (F)
Florida Municipal Power Agency	No	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Heartland Energy		Yes (D)	Yes (D)	Yes (D)	Yes (D)
Indiana Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Kansas Municipal Energy Agency	Yes (F)	Yes (F)	Yes (F)	Yes (F)	Yes (D)
Kentucky Municipal Energy Agency	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
KPP Energy	No	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Massachusetts Municipal Wholesale Electric Company	Yes (D)	Yes (F)	Yes (D)	Yes (F)	Yes (D)
Michigan Public Power Agency	Yes (F)	Yes (F)	Yes (F)	Yes (F)	Yes (F)
Missouri River Energy Services	Yes (D)	No	Yes (D)	Yes (D)	Yes (D)
MEAG Power	No	No	Yes (D)	Yes (D)	Yes (D)
NMPP Energy	No	No	No	Yes (D)	Yes (D)
North Iowa Municipal Electric Cooperative Association	Yes (F)	No	Yes (D)	Yes (D)	Yes (D)
Northern California Power Agency	Yes (D)	No	Yes (D)	Yes (D)	Yes (D)
Northern Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	No	Yes (D)
Oklahoma Municipal Power Authority	Yes (D)	No	Yes (D)	No	Yes (D)
Piedmont Municipal Power Agency	No	No	No	Yes (D)	Yes (D)
Platte River Power Authority	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Southern Minnesota Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	No	No
Southwest Public Power Agency, Inc.	No	No	No	Yes (D)	Yes (D)
Utah Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Wyoming Municipal Power Agency	No	No	No	No	No
WPPI Energy	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

SECTION 10: SAFETY SERVICES

Table 12a summarizes results for the safety services category in order of the mostly commonly offered services. The following tables, 12b-12c, provide further details on which JAAs offer each service. There was one “other” submission for safety services, as described below.

- **MEAG Power:** Provides Substation Awareness for Emergency Responders (SAFER) training to participant's local law enforcement personnel

Table 12a. Safety Services in Order of the Most Common

Service	JAA's Offering
Onsite Safety Meetings	28%
Regional and Local Safety Meetings / Lineman Schools	28%
Safety Advice and Consultation	28%
Safety and Training Advisory Committees / Meetings	25%
APPA Safety Manual Paid for by JAA	16%
Safety Inspection and Audits	16%
Accident Investigation	13%
OSHA Compliance and Standards Guidance	12%
Safety Awards Program	4%
APPA e-Safety Tracker Paid for by JAA	0%

Table 12b. Safety Services

Joint Action Agency Name	Accident Investigation	APPA e-Safety Tracker Paid for by JAA	APPA Safety Manual Paid for by JAA	Onsite Safety Meetings	OSHA Compliance and Standards Guidance
American Municipal Power, Inc.	Yes (D)	No	Yes (F)	Yes (D)	Yes (F)
Connecticut Municipal Electric Energy Cooperative	No	No	No	No	No
Energy Northwest	No	No	No	Yes (D)	No
Florida Municipal Power Agency	Yes (D)	No	No	Yes (D)	No
Heartland Energy		No	No	No	No
Indiana Municipal Power Agency	Yes (F)	No	Yes (D)	Yes (F)	Yes (F)
Kansas Municipal Energy Agency	No	No	No	No	No
Kentucky Municipal Energy Agency	No	No	No	No	No
KPP Energy	No	No	No	No	No
Massachusetts Municipal Wholesale Electric Company	No	No	No	No	No
Michigan Public Power Agency	No	No	No	No	No
Missouri River Energy Services	No	No	No	No	No
MEAG Power	No	No	No	No	No
NMPP Energy	No	No	Yes (D)	Yes (D)	Yes (D)
North Iowa Municipal Electric Cooperative Association	No	No	No	No	No
Northern California Power Agency	No	No	No	No	No
Northern Municipal Power Agency	No	No	No	No	No
Oklahoma Municipal Power Authority	No	No	Yes (D)	No	No
Piedmont Municipal Power Agency	No	No	No	No	No
Platte River Power Authority	No	No	No	Yes (D)	No
Southern Minnesota Municipal Power Agency	No	No	No	No	No
Southwest Public Power Agency, Inc.	No	No	No	No	No
Utah Municipal Power Agency	No	No	No	Yes (D)	No
Wyoming Municipal Power Agency	No	No	No	No	No
WPPI Energy	No	No	No	No	No

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

Table 12c. Safety Services

Joint Action Agency Name	Regional and Local Safety Meetings / Lineman Schools	Safety Advice and Consultation	Safety Awards Program	Safety Inspection and Audits	Safety and Training Advisory Committees / Meetings
American Municipal Power, Inc.	Yes (F)	Yes (D)	Yes (D)	Yes (F)	Yes (F)
Connecticut Municipal Electric Energy Cooperative	No	No	No	No	No
Energy Northwest	No	No	No	No	No
Florida Municipal Power Agency	Yes (D)	Yes (D)	No	No	Yes (D)
Heartland Energy	No	Yes (D)	No	No	No
Indiana Municipal Power Agency	Yes (F)	Yes (F)	No	Yes (F)	Yes (F)
Kansas Municipal Energy Agency	No	No	No	No	No
Kentucky Municipal Energy Agency	No	No	No	No	No
KPP Energy	No	No	No	No	No
Massachusetts Municipal Wholesale Electric Company	No	No	No	No	No
Michigan Public Power Agency	No	No	No	No	No
Missouri River Energy Services	No	No	No	No	No
MEAG Power	Yes (D)	No	No	No	No
NMPP Energy	Yes (D)	Yes (D)	No	Yes (D)	Yes (D)
North Iowa Municipal Electric Cooperative Association	No	No	No	No	
Northern California Power Agency	No	No	No	No	No
Northern Municipal Power Agency	No	No	No	No	No
Oklahoma Municipal Power Authority	No	No	No	No	No
Piedmont Municipal Power Agency	No	No	No	No	No
Platte River Power Authority	Yes (D)	Yes (D)	No	Yes (D)	Yes (D)
Southern Minnesota Municipal Power Agency	No	No	No	No	No
Southwest Public Power Agency, Inc.	No	No	No	No	No
Utah Municipal Power Agency	Yes (D)	Yes (D)	No	No	Yes (D)
Wyoming Municipal Power Agency	No	No	No	No	No
WPPI Energy	No	No	No	No	No

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

SECTION 11: TRAINING AND DEVELOPMENT

Table 13a summarizes results for the training and development category in order of the mostly commonly offered services. The following tables, 13b-13c, provide further details on which JAAs offer each service. There were no “other” submissions for training and development services.

Table 13a. Training and Development Services in Order of the Most Common

Service	JAA's Offering
Onsite Classroom Training Facility	48%
Training - Cybersecurity	48%
Training - Leadership	44%
Training - Customer Service	40%
Training - Governance	40%
Training - Strategic Planning	40%
Training - Technical Training	40%
Scholarships	32%
Training - Safety	32%
Training - Lineworker	24%
Outside Training Grounds	16%
Lineworkers Rodeo	4%

Table 13b. Training and Development Services

Joint Action Agency Name	Lineworkers Rodeo	Onsite Classroom Training Facility	Outside Training Grounds	Scholarships	Training - Customer Service	Training - Cybersecurity
American Municipal Power, Inc.	No	Yes (F)	Yes (F)	Yes (D)	No	Yes (F)
Connecticut Municipal Electric Energy Cooperative	No	No	No	No	No	No
Energy Northwest	No	No	No	Yes (F)	No	Yes (F)
Florida Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	No	Yes (D)	Yes (D)
Heartland Energy		No	No	No	Yes (D)	Yes (D)
Indiana Municipal Power Agency	No	Yes (D)	No	No	Yes (D)	Yes (D)
Kansas Municipal Energy Agency	No	No	No	No	No	No
Kentucky Municipal Energy Agency	No	Yes (D)	No	No	Yes (D)	Yes (D)
KPP Energy	No	Yes (D)	No	No	No	Yes (D)
Massachusetts Municipal Wholesale Electric Company	No	No	No	No	No	No
Michigan Public Power Agency	No	No	No	No	No	No
Missouri River Energy Services	No	Yes (F)	No	Yes (D)	Yes (D)	Yes (D)
MEAG Power	No	Yes (D)	Yes (D)	No	No	No
NMPP Energy	No	Yes (F)	No	Yes (D)	Yes (D)	No
North Iowa Municipal Electric Cooperative Association	No	No	No	No	No	No
Northern California Power Agency	No	Yes (F)	No	No	Yes (F)	Yes (F)
Northern Municipal Power Agency	No	No	No	No	Yes (D)	No
Oklahoma Municipal Power Authority	No	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Piedmont Municipal Power Agency	No	No	No	Yes (D)	No	No
Platte River Power Authority	No	Yes (D)	No	Yes (D)	No	No
Southern Minnesota Municipal Power Agency	No	No	No	No	No	Yes (D)
Southwest Public Power Agency, Inc.	No	No	No	No	No	No
Utah Municipal Power Agency	No	No	No	No	No	No
Wyoming Municipal Power Agency	No	No	No	No	No	No
WPPI Energy	No	Yes (D)	No	Yes (D)	Yes (D)	Yes (D)

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee

Table 13c. Training and Development Services

Joint Action Agency Name	Training - Governance	Training - Leadership	Training - Lineworker	Training - Safety	Training - Strategic Planning	Training - Technical Training
American Municipal Power, Inc.	Yes (F)	Yes (F)	Yes (F)	Yes (F)	No	Yes (F)
Connecticut Municipal Electric Energy Cooperative	No	No	No	No	No	No
Energy Northwest	Yes (F)	Yes (F)	No	No	Yes (F)	Yes (F)
Florida Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
Heartland Energy	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)	No
Indiana Municipal Power Agency	Yes (D)	Yes (D)	Yes (D)	Yes (F)	Yes (D)	Yes (D)
Kansas Municipal Energy Agency	No	No	No	No	No	No
Kentucky Municipal Energy Agency	Yes (D)	Yes (D)	No	No	Yes (D)	Yes (D)
KPP Energy	No	No	No	No	Yes (D)	Yes (D)
Massachusetts Municipal Wholesale Electric Company	No	No	No	No	No	No
Michigan Public Power Agency	No	No	No	No	No	No
Missouri River Energy Services	Yes (D)	Yes (F)	No	No	Yes (F)	No
MEAG Power	No	No	No	Yes (F)	No	No
NMPP Energy	No	Yes (D)	Yes (D)	Yes (D)	Yes (D)	Yes (D)
North Iowa Municipal Electric Cooperative Association	No	No	No	No	No	No
Northern California Power Agency	Yes (F)	Yes (F)	Yes (F)	Yes (F)	Yes (F)	Yes (F)
Northern Municipal Power Agency	Yes (D)	No	No	No	No	No
Oklahoma Municipal Power Authority	Yes (D)	Yes (D)	No	No	Yes (D)	Yes (D)
Piedmont Municipal Power Agency	No	No	No	No	No	No
Platte River Power Authority	No	No	No	Yes (D)	No	No
Southern Minnesota Municipal Power Agency	No	No	No	No	No	No
Southwest Public Power Agency, Inc.	No	No	No	No	No	No
Utah Municipal Power Agency	No	No	No	No	No	No
Wyoming Municipal Power Agency	No	No	No	No	No	No
WPPI Energy	No	Yes (D)	No	No	No	Yes (D)

Yes (D) = Covered by Dues, Yes (F) = Covered by Additional Fee