June 2020



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Osmose Utilities	s Services, Inc.		
91% Make the Like the Have m And/or 28% Report buying	<section-header> Image: State Sta</section-header>		
Ad Exposure	Ad Engagement	Ad Involvement	C C
Saw the Ad	Read Some	Read Most	
59%	46%	26%	
Audience Engagemen	nt		
Make Ad-Brand Connection	Like the Ad	More Favorable Opinion	Newly Aware
63%	76%	43%	73%
Preliminary Buying Ac	ctions		
Save the Ad	Discuss the Ad	Visit Ad's Website	Contact Salesperson
3%	7%	5%	2%
Active Buying Actions			
Try Product/Service	Consider Purchase	Recommend or Specify	Purchase
4%	4%	5%	4%

Executive Summary: Ad Traffic by Page Number



Top-performing ads based on respondent exposure, engagement and involvement

Recall Seeing Ad Audience Exposure 5.0	Total Recall Seeing	Ad Influence Audience Engagement 6.0	Total Recall Seeing	Total Ad Influence	Buying Action Audience Involvement 7.0	Total Recall Seeing	One or More Buying Actions
NISC	70%	Walker and Associates, Inc.	40%	100%	Homestead Funds	66%	41%
Homestead Funds	66%	TWN	38%	100%	JVCKENWOOD USA Corp.	32%	40%
National Rural Utilities (CFC)	63%	Homestead Funds	66%	99%	Hubbell Power Systems	50%	35%
Asplundh Tree Expert LLC	61%	Corning	58%	99%	TWN	38%	34%
Osmose Utilities Services, Inc.	59%	FiberRise	54%	99%	Nordic Fiberglass	44%	33%
Corning	58%	Nordic Fiberglass	44%	99%	Tallman Equipment Company	30%	33%
Sensus, a xylem brand	55%	ULS, Asplundh Construction Div	43%	99%	National Rural Utilities (CFC)	63%	32%
S&C Electric Company	54%	TVC Communications	43%	99%	Pivot Group	45%	32%
FiberRise	54%	Asplundh Tree Expert LLC	61%	98%	S&C Electric Company	54%	31%
SEDC	52%	S&C Electric Company	54%	98%	Convergent Energy + Power	36%	31%



Definitions of Scores



mediaViewProTM Independent Ad Campaign Analytics

Total Ad Recall - Audience Exposure

- Recall Seeing Respondents who recalled seeing an item; total exposure. Shows the ability of an item to attract reader attention.
- Read Some Respondents who, seeing an item, were sufficiently engaged to be drawn into the copy by the headline, layout or content.
- Read Most Respondents who, after beginning to read an item, were interested enough to read most of it.

Total Ad Influence - Audience Engagement

Total Ad Influence scores are based on the percentage of respondents who, after seeing an ad, indicated how it influenced them:

- Make Ad-Brand Connection Those respondents who, after seeing an ad, were able to associate the ad with a company or brand.
- Like the Ad Respondents who report finding an ad appealing.
- More Favorable Opinion Respondents who, after seeing an ad, developed a more positive opinion of the advertised product or service.
- Newly Aware Those respondents who, prior to seeing an ad, were not familiar with the advertised item and are now newly aware of it.

NOTE: Percentage totals may not equal 100, due to rounding.

Total Buying Actions - Audience Involvement

One or More Buying Actions, or Audience Involvement, represents the percentage of respondents who, after reporting they recalled the ad, also indicate how the ad further influenced their buying actions. These audience members saw an ad and indicated that they, or someone in their organization, either has, or is likely to:

- Save the Ad Respondents who indicate interest in an advertised item by either saving an ad for future reference, or are likely do so in the future.
- Discuss the Advertised Product Those respondents who report they are likely to discuss, or have discussed, an advertised item with a colleague.
- Visit Ad's Website Respondents who report they would likely access, or have already accessed, an advertiser's website after seeing an ad.
- Contact Salesperson Respondents who report they would likely contact, or have contacted, a salesperson in response to an advertised product or service.
- Try Product/Service Those respondents who report they would try, or had already tried, an advertised product or service.
- Consider Purchase Those respondents who have considered purchasing a product, or are likely to consider purchasing in the future.
- Recommend or Specify Respondents who have, or are likely to, recommend or specify a product or service.
- Purchase Respondents who have either actively purchased, or are likely to purchase, a product/service after seeing an advertisement.

Editorial



Red	call	S	co	re	S	b	y F	⊃a	g	e	Nı	u	m	be	er										
70% ┌																									
60%																	_	_		_					
50% -					_							-									-	_			-
40% -					-				-			-												-	-
30% -					-				-			-								-		_			-
20% -					-				_			-	-									_			-
10% -	7 8	3	10	11	1^	1	12	13	-	14	16		22	24	1	26	2	8	30		32	_	36	48	-
L	Ň		10				12	-10			-10					20	2		-00		-02			-10	

Editorial reader recall scores are based on each editorial item's "Recall Seeing" score. The score for each item studied is expressed as a percentage and presented by page number in the chart above. The first editorial item listed is found on page 7.

	Page Number	Recall Seeing	Read Some	Read Most
FLASHBACKS: Dakota Electric's angry summer of 79	7	55%	73%	60%
COMMENTARY	8	48%	75%	33%
PLUGGED IN: Serving the 'Tiger King'	10	76%	75%	56%
PLUGGED IN: Rural hospitals closing at record rates	11	75%	83%	56%
PLUGGED IN: Solar and storms: helping PV panels surviv	ve 11	59%	71%	45%
PLUGGED IN: Nearly stranded in Guatemala City	12	63%	70%	50%
PLUGGED IN: Boom to bust for the solar industry	13	67%	75%	52%
PLUGGED IN: Right at home with EVs	14	70%	74%	48%
COVER STORY: Meeting members where they are	16	78%	86%	57%
FEATURE: Collaborative learning	22	53%	72%	45%
FEATURE: Helping mother nature	24	60%	70%	36%
CO-OP SHOTS: April 2020 photo challenge winners	26	80%	66%	60%
CO-OP TECH: Advancing the self+healing grid	28	62%	68%	48%
PROJECT PROFILES: Co-ops deploying new technologie	es 30	67%	76%	43%
MARKETPLACE: New products & services	32	62%	66%	29%
CO-OP PEOPLE	36	78%	74%	45%
NEW EMPLOYEE SPOTLIGHT: Jessica Lash	48	63%	59% в	51% ase = 241

Definitions:

Recall Seeing is a percentage of the base number.

Read Some is a percentage of the "Recall Seeing" score.

Read Most is a percentage of the "Read Some" score.

Percentage totals may not equal 100, due to rounding.

Please see Definitions of Scores (3.0), and Methodology (9.1), for complete information.



Editorial: Reading Habits





[Rural Electric Magazine] *relates to all aspects* of my job at the cooperative. — Chief Financial Officer

I am the marketing manager at my co-op and it is important to stay informed on industry trends and advancements through RE Magazine. — Manager, Marketing and Strategic Services

Rural Electric Magazine *helps us to stay connected.*

— Interim GM

Frequency4 of 4 most recent issues		When readSame day the issue is received 10%Within three days	
	Base = 241		Base = 241
Time spent reading 45 minutes or more. 30 - 44 minutes. 28% 15 - 29 minutes. 44% Less than 15 minutes No response. 0%	Base = 241	How often each issue is read 4 or more times.	Base = 241
Respondents rate Rural Electric Personal favorite. 10% Very important 26% Important 35% Somewhat important. 27% Not important 2%		Pass-along readership Respondents report that they pass along their issues of <i>Rural Electric</i> to a mean number of 1.0 other professionals.	1.0 Other People
No response	Base = 241		Base = 241

How, when, how long and how often respondents read Rural Electric

Ad Scores: Exposure, Engagement and Involvement Totals by Product Category



			Exposure			Engagement	Involvement
		Size	Total	Read	Read	Total	One or More
	Page	& Color	Recall Seeing	Some	Most	Ad Influence	Buying Action
AMI/AMR							
Sensus, a xylem brand	6	1.0-4C	55%	45%	28%	96%	26%
TSTM	45	1.0-4C	46%	37%	24%	98%	21%
Category averages:			51%	41%	26%	97%	24%
Asset Management							
Asplundh Tree Expert LLC	14	.50-4C	61%	39%	29%	98%	21%
Osmose Utilities Services, Inc.	36	.50-4C	59%	46%	26%	91%	28%
Category averages:			60%	43%	28%	95%	25%
Bank/Lending Institution							
National Rural Utilities Cooperative	9	1.0-4C	63%	46%	62%	97%	32%
Finance Corporation (CFC)							
Billing/Financial							
NISC	Cvr 2	1.0-4C	70%	47%	45%	95%	28%
Homestead Funds	Cvr 3	1.0-4C	66%	53%	40%	99%	41%
SEDC	Cvr 4	1.0-4C	52%	48%	40%	96%	24%
Category averages:			63%	49%	42%	97%	31%
Broadband Infrastructure							
Corning	1	1.0-4C	58%	38%	32%	99%	26%
TVC Communications	37	1.0-4C	43%	42%	17%	99%	24%
Walker and Associates, Inc.	21	1.0-4C	40%	38%	13%	100%	19%
TWN	41	1.0-4C	38%	34%	38%	100%	34%
Category averages:			45%	38%	25%	100%	26%
Cables & Wires							
Corning	1	1.0-4C	58%	38%	32%	99%	26%
TVC Communications	37	1.0-4C	43%	42%	17%	99%	24%
Category averages:			51%	40%	25%	99%	25%
(continued)							Base = 241

Definitions:

Total Ad Influence (Audience Engagement) represents the percentage of respondents who, after seeing an ad, reported they did one or more of the four listed items.

All Ad Influence scores are a percentage of the "Recall Seeing" score.

Percentage totals may not equal 100, due to rounding.

Please see Definitions of Scores (3.0), and Methodology (9.1), for complete information.

Ad Scores: Exposure, Engagement and Involvement Totals by Product Category continued



[Rural Electric Magazine] has a good mix of topics and brings both technology and human interest in its coverage.

— Manager of Cooperative Communications and Public Relations

I review articles that are geared toward projects we are working on or those in the long-term planning process.

— General Manager/CEO

[*I read* Rural Electric Magazine] *to learn more about our industry, so I can provide a better experience for our members.*

— Vice President

			Exposure			Engagement	Involvement
		Size	Total	Read	Read	Total	One or More
	Page	& Color	Recall Seeing	Some	Most	Ad Influence	Buying Actions
Customer Information Systems							
NISC	Cvr 2	1.0-4C	70%	47%	45%	95%	28%
SEDC	Cvr 4	1.0-4C	52%	48%	40%	96%	24%
Category averages:			61%	48%	43%	96%	26%
Distribution Automation Equipment							
S&C Electric Company	2	1.0-2C	54%	48%	27%	98%	31%
Distributors and Manufacturing Rep	resentativ	es					
Walker and Associates, Inc.	21	1.0-4C	40%	38%	13%	100%	19%
Tallman Equipment Company	34	.50-4C	30%	37%	36%	96%	33%
Category averages:			35%	38%	25%	98%	26%
Energy Storage							
Convergent Energy + Power	42	.66-4C	36%	39%	14%	96%	31%
Engineering Consulting							
FiberRise	39	1.0-4C	54%	46%	28%	99%	30%
Information Technology							
NISC	Cvr 2	1.0-4C	70%	47%	45%	95%	28%
FiberRise	39	1.0-4C	54%	46%	28%	99%	30%
Category averages:			62%	47%	37%	97%	29%
Lighting							
Sensus, a xylem brand	6	1.0-4C	55%	45%	28%	96%	26%
Mapping/GIS							
Osmose Utilities Services, Inc.	36	.50-4C	59%	46%	26%	91%	28%
SEDC	Cvr 4	1.0-4C	52%	48%	40%	96%	24%
Category averages:			56%	47%	33%	94%	26%
(continued)							Base = 241

Ad Scores: Exposure, Engagement and Involvement Totals by Product Category continued



It is interesting to see what others are doing and get ideas for projects and community efforts. I like to keep up with the latest technologies. — Director of Member Services

[*I read* Rural Electric Magazine] to learn more about energy trends and to get ideas for my electric cooperative.

> — VP of Marketing and Business Development

I like to stay updated on the industry and see what other cooperatives are doing in areas similar to my cooperative.

— Manager of Marketing and Member Services

		Exposure			Engagement	Involvement
	Size	Total	Read	Read	Total	One or More
Page	& Color	Recall Seeing	Some	Most	Ad Influence	Buying Actions
15	1.0-4C	45%	42%	37%	97%	32%
6	1.0-4C	55%	45%	28%	96%	26%
45	1.0-4C	46%	37%	24%	98%	21%
		51%	41%	26%	97%	24%
36	.50-4C	59%	46%	26%	91%	28%
38	.25-B/W	31%	39%	25%	96%	29%
40	.50-4C	43%	44%	26%	99%	29%
2	1.0-2C	54%	48%	27%	98%	31%
39	1.0-4C	54%	46%	28%	99%	30%
14	.50-4C	61%	39%	29%	98%	21%
4		49%	43%	43%	95%	27%
40	.50-4C		44%	26%	99%	29%
		51%	42%	33%	97%	26%
2	1.0-2C	54%	48%	27%	98%	31%
43	1.0-4C	50%	52%	35%	98%	35%
		52%	50%	31%	98%	33%
						Base = 241
	15 6 45 36 38 40 2 39 14 4 0 14 4 40	Page & Color 15 1.0-4C 6 1.0-4C 45 1.0-4C 36 .50-4C 38 .25-B/W 40 .50-4C 2 1.0-2C 39 1.0-4C 14 .50-4C 40 .50-4C 2 1.0-4C 39 1.0-4C 2 1.0-4C 40 .50-4C	Size & ColorTotal Recall Seeing15 $1.0-4C$ 45% 6 $1.0-4C$ 55% 6 $1.0-4C$ 55% 45 $1.0-4C$ 55% 36 $.50-4C$ 59% 38 $.25-B/W$ 31% 40 $.50-4C$ 43% 2 $1.0-2C$ 54% 39 $1.0-4C$ 61% 40 $.50-4C$ 61% 39 $1.0-4C$ 54% 14 $.50-4C$ 61% 40 $.50-4C$ 51% 2 $1.0-2C$ 54%	Size PageTotal & ColorRead Recall SeeingRead Some15 $1.0-4C$ 45% 42% 6 $1.0-4C$ 55% 45% 45 $1.0-4C$ 55% 45% 45 $1.0-4C$ 55% 45% 36 $.50-4C$ 59% 46% 38 $.25-B/W$ 31% 39% 40 $.50-4C$ 43% 44% 2 $1.0-2C$ 54% 48% 39 $1.0-4C$ 61% 39% 4 $.50-4C$ 51% 42% 4 $.50-4C$ 51% 48% 4 $.50-4C$ 51% 42%	Size $Page$ Total $\& Color$ Read Recall SeeingRead SomeRead Most151.0-4C45%42%37%61.0-4C55%45%28%451.0-4C55%45%24%51%41%26%37%24%36.50-4C59%46%26%38.25-B/W31%39%25%40.50-4C43%44%26%21.0-2C54%48%27%391.0-4C61%39%29%4.50-4C61%43%43%40.50-4C51%48%26%21.0-2C54%48%26%21.0-2C54%48%27%38.25-B/W51%42%33%21.0-2C54%48%27%33.50-4C61%39%29%41.0-4C51%48%27%21.0-2C54%48%27%431.0-4C50%52%35%	Size PageTotal Recall SeeingRead SomeRead MostTotal Ad Influence15 $1.0-4C$ 45% 42% 37% 97% 6 $1.0-4C$ 55% 45% 28% 96% 45 $1.0-4C$ 55% 45% 28% 98% 36 $.50-4C$ 59% 46% 26% 91% 38 $.25-B/W$ 31% 39% 25% 96% 40 $.50-4C$ 43% 44% 26% 99% 2 $1.0-2C$ 54% 48% 27% 98% 39 $1.0-4C$ 61% 39% 28% 99% 44 $.50-4C$ 61% 39% 28% 99% 43 $1.0-2C$ 54% 46% 28% 99% 43 $1.0-2C$ 54% 48% 27% 98% 43 $1.0-2C$ 54% 48% 27% 98% 43 $1.0-2C$ 54% 48% 29% 99% 43 $1.0-2C$ 54% 48% 27% 98% 2 $1.0-2C$ 54% 88% 27% 98% 2 $1.0-2C$ 54% 88% 27% 98% 43 $1.$

Ad Scores: Exposure, Engagement and Involvement Totals by Product Category continued



			Exposure			Engagement	Involvement
		Size	Total	Read	Read	Total	One or More
	Page	& Color	Recall Seeing	Some	Most	Ad Influence	Buying Actions
Telecommunications							
Corning	1	1.0-4C	58%	38%	32%	99%	26%
Walker and Associates, Inc.	21	1.0-4C	40%	38%	13%	100%	19%
TWN	41	1.0-4C	38%	34%	38%	100%	34%
Category averages:			45%	37%	28%	100%	26%
Transformer Pads							
TSTM	45	1.0-4C	46%	37%	24%	98%	21%
Nordic Fiberglass	13	.50-4C	44%	43%	37%	99%	33%
Category averages:			45%	40%	31%	99%	27%
Vegetation Management							
Asplundh Tree Expert LLC	14	.50-4C	61%	39%	29%	98%	21%
Wireless Communications							
JVCKENWOOD USA Corporation	33	1.0-4C	32%	34%	36%	98%	40%

It provides relevant industry-specific information and resources.

— Vice President, Human Resources

Keeps me up to date on our industry. — General Manager/CEO

[Rural Electric Magazine] keeps me informed on what is happening with rural cooperatives. — Key Accounts Specialis

Base = 241

Ad Scores: Audience Engagement Totals with Influence Details by Product Category



			Exposure	Engagement	Make		More	
		Size	Recall	Total Ad	Ad-Brand	Like	Favorable	Newly
	Page	& Color	Seeing	Influence	Connection	the Ad	Opinion	Aware
AMI/AMR								
TSTM	45	1.0-4C	46%	98%	21%	68%	37%	18%
Sensus, a xylem brand	6	1.0-4C	55%	96%	31%	74%	30%	44%
Category averages:			51%	97%	26%	71%	34%	31%
Asset Management								
Asplundh Tree Expert LLC	14	.50-4C	61%	98%	65%	85%	47%	72%
Osmose Utilities Services, Inc.	36	.50-4C	59%	91%	63%	76%	43%	73%
Category averages:			60%	95%	64%	81%	45%	73%
Bank/Lending Institution								
National Rural Utilities Cooperative	9	1.0-4C	63%	97%	83%	81%	54%	89%
Finance Corporation (CFC)								
Billing/Financial								
Homestead Funds	Cvr 3	1.0-4C	66%	99%	75%	93%	56%	82%
SEDC	Cvr 4	1.0-4C	52%	96%	32%	88%	51%	53%
NISC	Cvr 2	1.0-4C	70%	95%	75%	82%	49%	88%
Category averages:			63%	97%	61%	88%	52%	74%
Broadband Infrastructure								
Walker and Associates, Inc.	21	1.0-4C	40%	100%	24%	78%	44%	18%
TWN	41	1.0-4C	38%	100%	35%	63%	44%	28%
Corning	1	1.0-4C	58%	99%	35%	90%	44%	33%
TVC Communications	37	1.0-4C	43%	99%	22%	77%	35%	26%
Category averages:			45%	100%	29%	77%	42%	26%
Cables & Wires								
Corning	1	1.0-4C	58%	99%	35%	90%	44%	33%
TVC Communications	37	1.0-4C	43%	99%	22%	77%	35%	26%
Category averages:			51%	99%	29%	84%	40%	30%
(continued)								Base = 24

Definitions:

Total Ad Influence (Audience Engagement) represents the percentage of respondents who, after seeing an ad, reported they did one or more of the four listed items.

All Ad Influence scores are a percentage of the "Recall Seeing" score.

Percentage totals may not equal 100, due to rounding.

Please see Definitions of Scores (3.0), and Methodology (9.1), for complete information.

Ad Scores: Audience Engagement Totals with Influence Details by Product Category *continued*



			Exposure	Engageme	ent Make		More	
		Size	Recall	Total Ac	Ad-Brand	Like	Favorable	Newly
	Page	& Color	Seeing	Influence	Connection	the Ad	Opinion	Aware
Customer Information Syste	ems							
SEDC	Cvr 4	1.0-4C	52%	96%	32%	88%	51%	53%
NISC	Cvr 2	1.0-4C	70%	95%	75%	82%	49%	88%
Category averages:			61%	96%	54%	85%	50%	71%
Distribution Automation Eq	uipment							
S&C Electric Company	2	1.0-2C	54%	98%	38%	91%	55%	43%
Distributors and Manufactu	ring Rep	resentati	ves					
Walker and Associates, Inc.	21	1.0-4C	40%	100%	24%	78%	44%	18%
Tallman Equipment Company	34	.50-4C	30%	96%	39%	76%	45%	27%
Category averages:			35%	98%	32%	77%	45%	23%
Energy Storage								
Convergent Energy + Power	42	.66-4C	36%	96%	28%	71%	41%	31%
Engineering Consulting								
FiberRise	39	1.0-4C	54%	99%	29%	88%	47%	27%
Information Technology								
FiberRise	39	1.0-4C	54%	99%	29%	88%	47%	27%
NISC	Cvr 2	1.0-4C	70%	95%	75%	82%	49%	88%
Category averages:			62%	97%	52%	85%	48%	58%
Lighting								
Sensus, a xylem brand	6	1.0-4C	55%	96%	31%	74%	30%	44%
Mapping/GIS								
SEDC	Cvr 4	1.0-4C	52%	96%	32%	88%	51%	53%
Osmose Utilities Services, Inc.	36	.50-4C	59%	91%	63%	76%	43%	73%
Category averages:			56%	94%	48%	82%	47%	63%
(continued)								Base = 24

Ad Scores: Audience Engagement Totals with Influence Details by Product Category *continued*



			Exposure	Engagement	Make		More	
		Size	Recall	Total Ad	Ad-Brand	Like	Favorable	Newly
	Page	& Color	Seeing	Influence	Connection	the Ad	Opinion	Aware
Marketing Services								
Pivot Group	15	1.0-4C	45%	97%	26%	81%	40%	28%
Meters								
TSTM	45	1.0-4C	46%	98%	21%	68%	37%	18%
Sensus, a xylem brand	6	1.0-4C	55%	96%	31%	74%	30%	44%
Category averages:			51%	97%	26%	71%	34%	31%
Pole Inspection & Treatment								
Osmose Utilities Services, Inc.	36	.50-4C	59%	91%	63%	76%	43%	73%
Signs								
Rice Signs, LLC	38	.25-B/W	31%	96%	41%	61%	39%	43%
Substation Construction								
ULS, Asplundh Construction Div	40	.50-4C	43%	99%	39%	79%	43%	51%
Substation Equipment								
S&C Electric Company	2	1.0-2C	54%	98%	38%	91%	55%	43%
System Engineering & Design								
FiberRise	39	1.0-4C	54%	99%	29%	88%	47%	27%
T&D Line Construction								
ULS, Asplundh Construction Div	40	.50-4C	43%	99%	39%	79%	43%	51%
Asplundh Tree Expert LLC	14	.50-4C	61%	98%	65%	85%	47%	72%
Team Fishel	4	1.0-4C	49%	95%	35%	83%	46%	34%
Category averages:			51%	97%	46%	82%	45%	52%
T&D System Equipment								
S&C Electric Company	2	1.0-2C	54%	98%	38%	91%	55%	43%
Hubbell Power Systems	43	1.0-4C	50%	98%	35%	93%	55%	34%
Category averages:			52%	98%	37%	92%	55%	39%
(continued)								Base = 24

Ad Scores: Audience Engagement Totals with Influence Details by Product Category *continued*



			Exposure	Engagement	Make		More	
		Size	Recall	Total Ad	Ad-Brand	Like	Favorable	Newly
	Page	& Color	Seeing	Influence	Connection	the Ad	Opinion	Aware
Telecommunications								
Walker and Associates, Inc.	21	1.0-4C	40%	100%	24%	78%	44%	18%
TWN	41	1.0-4C	38%	100%	35%	63%	44%	28%
Corning	1	1.0-4C	58%	99%	35%	90%	44%	33%
Category averages:			45%	100%	31%	77%	44%	26%
Transformer Pads								
Nordic Fiberglass	13	.50-4C	44%	99%	48%	82%	42%	52%
TSTM	45	1.0-4C	46%	98%	21%	68%	37%	18%
Category averages:			45%	99%	35%	75%	40%	35%
Vegetation Management								
Asplundh Tree Expert LLC	14	.50-4C	61%	98%	65%	85%	47%	72%
Wireless Communications								
JVCKENWOOD USA Corporation	33	1.0-4C	32%	98%	47%	81%	42%	42%
JACKEINNOOD OSA Colbolation	33	1.0-40	32%	90%	41 70	01%	42%	

Base = 241

Ad Scores: Involvement Totals with Buying Action Details by Product Category



			Exposure	Involvement		Discuss the	Visit		Try		Recommend	
		Size	Recall	One or More	Save	Advertised	Ad's	Contact	Product/	Consider	or	
	Page	& Color	Seeing	Buying Actions	the Ad	Product	Website	Salesperson	Service	Purchase	Specify	Purchase
AMI/AMR												
Sensus, a xylem brand	6	1.0-4C	55%	26%	8%	6%	7%	0%	4%	2%	3%	3%
TSTM	45	1.0-4C	46%	21%	9%	6%	7%	0%	2%	1%	1%	1%
Category averages:			51%	24%	9%	6%	7%	0%	3%	2%	2%	2%
Asset Management												
Osmose Utilities Services, Inc.	36	.50-4C	59%	28%	3%	7%	5%	2%	4%	4%	5%	4%
Asplundh Tree Expert LLC	14	.50-4C	61%	21%	4%	5%	4%	2%	3%	4%	1%	2%
Category averages:			60%	25%	4%	6%	5%	2%	4%	4%	3%	3%
Bank/Lending Institution												
National Rural Utilities Cooperative	9	1.0-4C	63%	32%	5%	8%	5%	2%	2%	2%	11%	8%
Finance Corporation (CFC)												
Billing/Financial												
Homestead Funds	Cvr 3		66%	41%	8%	9%	6%	1%	9%	2%	6%	4%
NISC	Cvr 2	1.0-4C	70%	28%	5%	6%	4%	1%	5%	3%	11%	6%
SEDC	Cvr 4	1.0-4C	52%	24%	5%	8%	7%	1%	3%	1%	4%	2%
Category averages:			63%	31%	6%	8%	6%	1%	6%	2%	7%	4%
(continued)												
Definitions:												
One or More Buying Actions (Aud the percentage of respondents who, after	er seeing a	an ad, indic	ated they									
have done, or are likely to do, one or m	nore of the	e eight listed	d items.									
All Buying Action scores are a percentag	ge of the "	Recall Seei	ng" score.									
Percentage totals may not equal 100, o	due to rou	ınding.										
Please see Definitions of Scores (3.0)	, and Met	thodology	(9.1), for									
complete information.												Base = 241

Ad Scores: Involvement Totals with Buying Action Details by Product Category *continued*



			Exposure	Involvement		Discuss the	Visit		Try		Recommend	
		Size	Recall	One or More	Save	Advertised	Ad's	Contact	Product/	Consider	or	
	Page	& Color	Seeing	Buying Actions	the Ad	Product	Website	Salesperson	Service	Purchase	Specify	Purchase
Broadband Infrastructure												
ΓWN	41	1.0-4C	38%	34%	13%	10%	4%	0%	3%	1%	1%	4%
Corning	1	1.0-4C	58%	26%	6%	8%	8%	0%	4%	4%	1%	3%
TVC Communications	37	1.0-4C	43%	24%	9%	8%	6%	0%	0%	1%	0%	1%
Valker and Associates, Inc.	21	1.0-4C	40%	19%	6%	7%	7%	1%	0%	1%	3%	3%
Category averages:			45%	26%	9%	8%	6%	0%	2%	2%	1%	3%
Cables & Wires												
Corning	1	1.0-4C	58%	26%	6%	8%	8%	0%	4%	4%	1%	3%
TVC Communications	37	1.0-4C	43%	24%	9%	8%	6%	0%	0%	1%	0%	1%
Category averages:			51%	25%	8%	8%	7%	0%	2%	3%	1%	2%
Customer Information System	ns											
NISC	Cvr 2	1.0-4C	70%	28%	5%	6%	4%	1%	5%	3%	11%	6%
SEDC	Cvr 4	1.0-4C	52%	24%	5%	8%	7%	1%	3%	1%	4%	2%
Category averages:			61%	26%	5%	7%	6%	1%	4%	2%	8%	4%
Distribution Automation Equi	pment											
S&C Electric Company	2	1.0-2C	54%	31%	9%	9%	7%	0%	2%	3%	4%	3%
Distributors and Manufacturi	ng Repres	entatives	5									
Fallman Equipment Company	34	.50-4C	30%	33%	6%	6%	12%	4%	0%	4%	0%	8%
Valker and Associates, Inc.	21	1.0-4C	40%	19%	6%	7%	7%	1%	0%	1%	3%	3%
Category averages:			35%	26%	6%	7%	10%	3%	0%	3%	2%	6%
Energy Storage												
Convergent Energy + Power	42	.66-4C	36%	31%	10%	15%	9%	3%	1%	3%	0%	0%
Engineering Consulting												
FiberRise	39	1.0-4C	54%	30%	13%	9%	9%	0%	1%	2%	2%	0%
(continued)												Base = 241

Ad Scores: Involvement Totals with Buying Action Details by Product Category *continued*



			Exposure	Involvement		Discuss the	Visit		Try		Recommend	
		Size	Recall	One or More	Save	Advertised	Ad's	Contact	Product/	Consider	or	
	Page	& Color	Seeing	Buying Actions	the Ad	Product	Website	Salesperson	Service	Purchase	Specify	Purchase
Information Technology												
FiberRise	39	1.0-4C	54%	30%	13%	9%	9%	0%	1%	2%	2%	0%
NISC	Cvr 2	1.0-4C	70%	28%	5%	6%	4%	1%	5%	3%	11%	6%
Category averages:			62%	29%	9%	8%	7%	1%	3%	3%	7%	3%
Lighting												
Sensus, a xylem brand	6	1.0-4C	55%	26%	8%	6%	7%	0%	4%	2%	3%	3%
Mapping/GIS												
Osmose Utilities Services, Inc.	36	.50-4C	59%	28%	3%	7%	5%	2%	4%	4%	5%	4%
SEDC	Cvr 4	1.0-4C	52%	24%	5%	8%	7%	1%	3%	1%	4%	2%
Category averages:			56%	26%	4%	8%	6%	2%	4%	3%	5%	3%
Marketing Services												
Pivot Group	15	1.0-4C	45%	32%	13%	4%	9%	0%	5%	0%	3%	5%
Meters												
Sensus, a xylem brand	6	1.0-4C	55%	26%	8%	6%	7%	0%	4%	2%	3%	3%
TSTM	45	1.0-4C	46%	21%	9%	6%	7%	0%	2%	1%	1%	1%
Category averages:			51%	24%	9%	6%	7%	0%	3%	2%	2%	2%
Pole Inspection & Treatment												
Osmose Utilities Services, Inc.	36	.50-4C	59%	28%	3%	7%	5%	2%	4%	4%	5%	4%
Signs												
Rice Signs, LLC	38	.25-B/W	31%	29%	6%	10%	8%	0%	6%	0%	0%	4%
Substation Construction												
ULS, Asplundh Construction Div	40	.50-4C	43%	29%	8%	6%	5%	1%	3%	4%	4%	3%
Substation Equipment												
S&C Electric Company	2	1.0-2C	54%	31%	9%	9%	7%	0%	2%	3%	4%	3%
(continued)												Base = 241

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Ad Scores: Involvement Totals with Buying Action Details by Product Category *continued*



			Exposure	Involvement		Discuss the	Visit		Try		Recommend	
		Size	Recall	One or More	Save	Advertised	Ad's	Contact	Product/	Consider	or	
	Page	& Color	Seeing	Buying Actions	the Ad	Product	Website	Salesperson	Service	Purchase	Specify	Purchase
System Engineering & Design												
FiberRise	39	1.0-4C	54%	30%	13%	9%	9%	0%	1%	2%	2%	0%
F&D Line Construction												
JLS, Asplundh Construction Div	40	.50-4C	43%	29%	8%	6%	5%	1%	3%	4%	4%	3%
Feam Fishel	4	1.0-4C	49%	27%	12%	7%	9%	1%	2%	4%	1%	1%
Asplundh Tree Expert LLC	14	.50-4C	61%	21%	4%	5%	4%	2%	3%	4%	1%	2%
Category averages:			51%	26%	8%	6%	6%	1%	3%	4%	2%	2%
۲&D System Equipment												
Hubbell Power Systems	43	1.0-4C	50%	35%	10%	10%	8%	1%	0%	3%	5%	1%
S&C Electric Company	2	1.0-2C	54%	31%	9%	9%	7%	0%	2%	3%	4%	3%
Category averages:			52%	33%	10%	10%	8%	1%	1%	3%	5%	2%
Felecommunications												
ΓWN	41	1.0-4C	38%	34%	13%	10%	4%	0%	3%	1%	1%	4%
Corning	1	1.0-4C	58%	26%	6%	8%	8%	0%	4%	4%	1%	3%
Valker and Associates, Inc.	21	1.0-4C	40%	19%	6%	7%	7%	1%	0%	1%	3%	3%
Category averages:			45%	26%	8%	8%	6%	0%	2%	2%	2%	3%
Fransformer Pads												
Nordic Fiberglass	13	.50-4C	44%	33%	8%	6%	8%	0%	6%	4%	4%	6%
ISTM	45	1.0-4C	46%	21%	9%	6%	7%	0%	2%	1%	1%	1%
Category averages:			45%	27%	9%	6%	8%	0%	4%	3%	3%	4%
legetation Management												
Asplundh Tree Expert LLC	14	.50-4C	61%	21%	4%	5%	4%	2%	3%	4%	1%	2%
Wireless Communications												
IVCKENWOOD USA Corporation	33	1.0-4C	32%	40%	6%	9%	9%	0%	2%	6%	8%	4%

Demographics: Influence and Action Totals

Total ad influence for all studied ads

After seeing an ad in <i>Rural Electric</i> , 96% of respon- dents reported one or more of the following:	81% Associated ads with respective brands 91% Liked one or more ads 65% Have improved opinion 77% Became newly aware of a product/service Base = 241	One p Two-tł One-h One-fe
<i>Total</i> Buying Behavior 49%	<i>Forty-nine percent</i> (49%) of respondents indicated that after seeing an ad in <i>Rural Electric</i> they, or someone in their organization, have taken, or are likely to take, one or more of the following purchasing actions:	One p Two-tł One-h One-fo
<i>Preliminary</i> Buying Behavior 37%	18% Save the ad 20% Discuss the advertised product or service with colleagues 20% Visit advertiser's website 5% Contact product salesperson	Cons 125,00 75,00 25,00 10,00
<i>Active</i> Buying Behavior 35%	15% Try or sample advertised product or service 13% Consider purchase 19% Recommend or specify	5,000 0-4,99 Not ap No res Mem Distrik G&T
	11% Purchase Base = 241	No res

Ad scores by size

One page				
			36%	
Two-thirds page			0070	
1 0				47%
One-half page				
		31%		
One-fourth page				
	Number	Recall	Read	Read
	of Ads	Seeing	Some	Most
One page	16	51%	43%	34%
Two-thirds page	1	36%	39%	14%
One-half page	5	47%	42%	31%
One-fourth page	1	31%	39%	25%
		1001		
-		49%	43%	32% Base = 2
Consumers served				Base = 2
Consumers served 125,000 or more 75,000-124,999				Base = 2
Consumers served 125,000 or more 75,000-124,999 50,000-74,999				Base = 2
Consumers served 125,000 or more 75,000-124,999 50,000-74,999 25,000-49,999	· · · · · · · · · · · · · · · · · · ·			Base = 2
Consumers served 125,000 or more 75,000-124,999 50,000-74,999 25,000-49,999 10,000-24,999	· · · · · · · · · · · · · · · · · · ·			Base = 2
Consumers served 125,000 or more 75,000-124,999 50,000-74,999 25,000-49,999 5,000-9,999				Base = 2
Consumers served 125,000 or more 75,000-124,999 50,000-74,999 25,000-49,999 5,000-9,999 0-4,999	· · · · · · · · · · · · · · · · · · ·			Base = 2
Consumers served 125,000 or more 75,000-124,999 50,000-74,999 25,000-49,999 10,000-24,999 5,000-9,999 0-4,999 Not applicable	· · · · · · · · · · · · · · · · · · ·			Base = 2
Consumers served 125,000 or more 75,000-124,999 50,000-74,999 25,000-49,999 10,000-24,999 5,000-9,999 0-4,999 Not applicable	· · · · · · · · · · · · · · · · · · ·			Base = 2
Consumers served 125,000 or more 75,000-124,999 50,000-74,999 25,000-49,999 10,000-24,999 50,000-9,999 0-4,999 Not applicable No response	· · · · · · · · · · · · · · · · · · ·			Base = 2
Consumers served 125,000 or more 75,000-124,999 50,000-74,999 25,000-49,999 10,000-24,999 5,000-9,999 0-4,999 Not applicable No response	· · · · · · · · · · · · · · · · · · ·			Base = 2
Consumers served 125,000 or more 75,000-124,999 50,000-74,999 25,000-49,999 10,000-24,999 5,000-9,999 0-4,999 Not applicable No response Member type Distribution				Base = 2
Issue averages: Consumers served 125,000 or more 75,000-124,999 50,000-74,999 25,000-49,999 10,000-24,999 5,000-9,999 0-4,999 Not applicable No response Member type Distribution G&T No response				Base = 2 Base = 2



Demographics *continued*



Company role/title

General Manager	.24%
Accounting and Financial Services.	.15%
Marketing and Communications	.12%
Member Services	.10%
Human Resources	8%
Engineering Services	7%
Administrative Services	5%
Equipment Repairs and Operations	5%
Operations	5%
Legal and Compliance	3%
Information Technology	2%
Power Production	2%
Procurement	1%
Subsidiary and Utility Services	1%
No response	0%
Ва	se = 241

Purchasing involvement

Seventy-nine percent (**79%**) of respondents report involvement in buying, recommending, specifying or approving one or more of the following products for their company:

Consulting Services	6
AMI/AMR	ó
Outage Management Systems	ó
Customer Information Systems	ó
Bank/Lending Institution	ó
Insurance	ó
Signs	6

Meter Data Management	6
Tools	
Mapping/GIS	
Meters	
Pole Inspection & Treatment	
Call Centers	
SCADA	
Transformer Maintenance	
Buildings, Enclosures, Shelters	
Cables & Wires	
Lighting	
Protective Clothing	
Renewable Energy	
Mobile Workforce Management .21% Vegetation Management .20%	
5 5	
Wireless Communications .20% T3D Output	
T&D System Equipment	
Test Equipment	
Distributed Generation	
Power Theft Prevention	
T&D Line Construction	
Transformer Pads	
Wildlife Protection	
Distribution Automation Equipment	
Substation Security	
Equipment Distributor	ó
Cable Restoration	ó
Meter Recycling	ó
None of the above	ó
No response	ó
Base = 24	1

Demographics: Social Media



Professional use of social media		Digital devices ow	Digital devices owned or used by respondents		
	46% To get industry news		98% Smart phone		
Sixty-six percent (66%)	44% To network with others in the industry	One hundred percent	83% Laptop computer		
of <i>Rural Electric</i> respondents report one or more of these	38% To keep up with trends	(100%) of <i>Rural Electric</i> respondents report having access to one or	65% Desktop computer		
reasons for using social media.	24% To learn about industry products	more of these digital devices.	63% Tablet		
	34% None of the above		8% E-reader		
	No response = 0%	Base = 241	No response = 0%	Base = 241	

Social media platforms used for work

	51% Facebook 41% LinkedIn		202	20	Ad Study Schedule Reserve your space now!	
Seventy percent (7 0%) of Rural Electric respondents report using one or more of these social media platforms for work.	19% Twitter 15% Instagram		March closing January 24	June closing April 24	September closing July 24	December closing October 23
	6% Pinterest 30%		Contact your <i>Rural Electric</i> sales representative now to reserve your space in the next ad study issue.			
	None of the above No response = 0%	Base = 241			rch schedule without notice.	

About mediaViewPro



about mediaViewPro^m

Independent Ad Campaign Analytics

What are some of the concepts behind mediaViewPro Ad Campaign Analytics?

- Ad campaigns setting primary and intermediate objectives are more accountable and more effective.¹
- Only primary business objectives such as increasing profit or market share are true final measures of business success.²
- A significant change across a wide range of intermediate objectives is a reliable predictor of business success.
- Because the importance of individual intermediate objectives varies by ad campaign, no single intermediate measure can be an infallible predictor.
- Best practice requires tracking multiple intermediate effects.³
- Assigning greater or lesser value to each intermediate objective, to better align with your specific campaign goals, improves campaign accountability and effectiveness.⁴

Why does mediaViewPro focus on intermediate objectives?

Intermediate objectives are the means to achieving primary ad campaign objectives. Taken individually, each intermediate objective offers insight into how your campaign is working in comparison with other campaigns reaching your audience.

¹ Les Binet and Peter Field, Marketing in the Era of Accountability (World Advertising Research Center, Great Britain, Alden Press, 2007), 19. | ² [ibid, 77] | ³ [ibid, 77] | ⁴ [ibid, 2]

Total Ad Recall Audience Exposure

Total Ad Influence Audience Engagement

Total Buying Action Audience Involvement



- Read some of the ad (reader engagement)
- Read most of the ad (reader involvement)
- Make ad-brand connection
- Like the ad
- Better opinion of product or service
- Newly aware of product or service

Preliminary Buying Action

- Save the ad for future reference
- Discuss the advertised product
- Visit advertiser website
- Contact advertiser salesperson

Active Buying Action

- Try advertised product or service
- Consider purchasing
- Recommend or specify
- Purchase the product or service



About mediaViewPro: Methodology

about mediaView Pro*

Independent Ad Campaign Analytics

Baxter Research Center Inc.'s (BRC) mediaViewPro study programs are conducted online using accepted advertising and editorial reader research methods and practices.

The reader panel was selected from the sponsoring publication's qualified circulation of 19,994* using a structured random-interval selection process. Preparation of the survey instrument, sample selection, emailing, processing, tabulation and generation of final reports are conducted under the supervision of BRC.

Readers invited to participate via email are provided with a secure link to the questionnaire. To ensure optimal delivery, all surveys are sent using BRC's bonded email servers.

In those cases where two versions of the questionnaire are produced to maintain an appropriate level of reader response, both are identical with the exception of the ad listings, which are divided equally between the two. Ad recall data is based on a minimum of 100 returns. Splitting the survey into two or three versions to accommodate more ads will result in editorial and respondent profiles increasing to 200 and 300, respectively. Ad recall data will achieve a lesser number, but no fewer than 100 returns.

Ad and editorial reader recall data are fully disclosed in this report and online through advertiser micro-sites. Advertiser access to their micro-site is controlled by the sponsoring publication. Advertisers wishing to view online data should contact their magazine advertising sales representative for a link and password. A copy of the online survey is available upon request from BRC.

* December 2019 BPA WorldwideSM Statement

This publication is designed to provide accurate and authoritative information gathered from subscriber questionnaires. In publishing this report, neither the author nor the publisher is engaged in rendering legal, accounting or any other professional service. If required, legal advice or other expert assistance should be sought from a licensed professional.



National Rural Electric **Cooperative Association** (NRECA)

Editor Scot Hoffman

4301 Wilson Blvd. Arlington, VA 22203 Telephone: 703-907-5644 Fax: 703-907-5531

Rural Electric (RE) Magazine, the flagship publication of the National Rural Electric Cooperative Association (NRECA), is written for CEOs, directors and front-line employees in the electric cooperative industry, which includes distribution cooperatives; generation and transmission cooperatives; public power districts; and public utility districts. Articles include case studies of technological deployments and analysis of regulatory and power supply issues affecting cooperatives and the 42 million-plus consumer-members they serve, across 47 states.

BAXT

RESEARCH CENTER

Baxter Research Center Inc. (BRC) is a leading provider of independent, mixed-media audience analytics.

BRC's audience metrics guide, optimize and inspire ad-campaign effectiveness in print, digital and online media.







About 9.0



June 2020

mediaViewPro^{**}

Independent Ad Campaign Analytics

Reader comments are collected when respondents who recall seeing, reading some, or reading most of an ad, are asked, "Do you like this ad?"

Depending on the answer, respondents are then asked:

"Please tell us why you like this ad"

or

"Please tell us why you don't like this ad"

Total ad comments:	19
Liked the ad:	16
Did not like the ad:	02
Did not like or dislike the ad:	01

Region 1 Delaware Maine Maryland New Hampshire New York North Carolina Pernsylvania Phode Island Vermont Virginia Region 2 Florida Georgia South Carolina Region 3 Alabama Kentucky Missinsippi Tennessee	Eegian 4 Indiana Michigan Ohio West Virginia Regian 5 Iowa Wilsconsin Regian 6 Minnesota North Dakota South Dakota Regian 7 Colorado Kansas Nebraska Wycming	Regim 8 Arkansas Louisiana Missouri Oklahoma Regim 9 Alaska California Hanali Idaho Hanali Idaho Mortana Newala Oregon Ulah Mortana Newala Ulah Newana New Mexico Texas	REGION 1 HICKS'S NEW POST HICKS'S NEW POST Research Red Research on enter (NNE), Waves, Vieger har and Red Rel Research on the source of the Hadron has been from Hadron has the source of the Hadron has been from Hadron has due to GCO, and hings more than apparent compression (Linkow and Source Control and Source of the all Source Control and Source of the all Source Control of section and the and Source Control of section and the apparent compression for the all Source Control of section and the all Source Control of section and the apparent compression for the all Source Control of section and the all section and all source Control of section and the all section and all source Control of section and the all section and all source Control of section and the all section and all source Control of section and the all section and the all source Control of sect	Key Hels



Osmose Utilities Services, Inc.

Page: 36

Osmose Utilities Services, Inc.

Page: 36

Verbatim Comments: Liked the ad

- 1. Good ad. Not too busy, but still informative. ---
- 2. Great field crews!! assistant GM/Operations Mgr
- 3. Well done imagery and layout attorney
- 4. Nice graphic use. Communication Specialist
- 5. Again, this ad reinforces the services of this company that occur on a national scale, which reinforces confidence in a company we utilize at our cooperative. Director of Business Development and Communications
- 6. Have a relationship with the vendor. Director, System Engineering
- 7. Great company Executive Director Engineering
- 8. I know of company. We buy poles from them sometimes. Manager of administrative Services
- 9. Promotes pole inspections Manager of Marketing and Member Services
- 10. Was not aware they did this kind of service, good to know! Manager of Operations
- 11. Always interested in fiber and pole attachments. office Manager



Osmose Utilities Services, Inc.

Page: 36

Verbatim Comments: Liked the ad

- 12. recognize the company Operations Manager
- 13. I work on easement issues. System Counsel
- 14. Stood Out Trans. and Substation Eng. Director
- 15. The statement grabs your attention (if applicable) and a simple explanation of what they do. Vice President of information Technology, Communication and COOperative Services
- 16. good use of icons and fewer words VP of Marketing and Business Development



Osmose Utilities Services, Inc.

Page: 36

Verbatim Comments: Did not like the ad

- 1. covers up a good photo with a box. :) Public Relations Director
- 2. I noticed the power line in the picture otherwise I would not have even noticed it Svp/Finance & administration

Osmose Utilities Services, Inc.

Page: 36

Verbatim Comments: Did not like or dislike the ad

1. READ SOME — Member Service Rep.