

**JULY 2017 OUTAGE SUMMARY**

Date	Duration (Min)	Number of Customers Affected	RUS Cause Code	Cause of Service Interruption (RUS Designation 1730A-119)	Substation	OH/ URD	Customer Minutes of Interruption
07/03/17	50	3	090	Fuse blown/lightning	Red Lodge	OH	150
07/04/17	150	1	Unknown	Fuse pulled apart	Columbus	URD	150
07/05/17	90	2	090	Fuse blown/lightning	Roberts	OH	180
07/05/17	30	5	090	Fuse blown/lightning	Red Lodge	OH	150
07/05/17	210	2	090	Wind blew pole over	Reed Point	OH	420
07/06/17	120	1	300	Broken cutout door	Roberts	OH	120
07/08/17	90	2	790	Tree fell into triplex	Columbus	OH	180
07/09/17	75	31	690	Raccoon on equipment	Roberts	OH	2325
07/09/17	100	7	Unknown	Refused cutout	Absarokee	OH	700
07/09/17	120	2	490	Tree tore down primary	Absarokee	OH	240
07/10/17	80	6	Unknown	Fuse blown	Belfry	OH	480
07/11/17	195	11	300	Bad underground primary	Red Lodge	URD	2145
07/13/17	30	5	110	Splice in cable	Columbus	URD	150
07/16/17	60	316	000	NW Energy lost 50Kv line to substation	Reed Point	All	18960
07/16/17	135	18	090	Lead came off pole pin top/lightning	Columbus	OH	2430
07/20/17	75	1	490	Tree through wire	Columbus	OH	75
07/21/17	60	14	690	OCR open/bird	Columbus	OH	840
07/21/17	70	11	Unknown	Installed bird guard & re-sagged neutral	Luther	OH/URD	770
07/25/17	30	760	110	Bypass stuck regulator	Belfry	OH/URD	22800
07/25/17	60	1	300	Broken jumper	Roberts	URD	60
07/25/17	300	1	090	Two fuses blown/lightning	Belfry	OH	300
07/26/17	45	3	Unknown	Replaced fuse	Edg/From	OH	135
07/27/17	60	1	Unknown	Fuse blown	Columbus	OH	60
07/29/17	120	1	090	Fuse open/thunderstorm	Roberts	OH	120
07/29/17	60	12	090	Burned pole/lightning	Reed Point	OH	720
<b>TOTALS</b>	<b>2415</b>	<b>1217</b>					<b>54660</b>

**RUS CAUSE CODE KEY**

[000]	Power Supplier
[090]	Weather
[110]	Planned Outage/Maintenance
[300]	Other Material/Equipment
[490]	Trees
[500]	Transformer
[690]	Animals
[790]	Public Caused
	All Other/Unknown

<b>Absarokee</b>	<b>2</b>
<b>Belfry</b>	<b>3</b>
<b>Columbus</b>	<b>7</b>
<b>E Rosebud</b>	<b>0</b>
<b>Edg/From</b>	<b>1</b>
<b>Luther</b>	<b>1</b>
<b>Nye</b>	<b>0</b>
<b>Red Lodge</b>	<b>3</b>
<b>Reed Point</b>	<b>3</b>
<b>Roberts</b>	<b>5</b>