

SEPTEMBER 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
09/03/17	120	3	690	Fuse open/birds	Nye	OH	360
09/05/17	225	10	unknown	OCR open	Absarokee	OH	2250
09/08/17	90	5	690	Fuse open/birds	Nye	OH	450
09/08/17	60	1	unknown	A phase fuse blown	Belfry	OH	60
09/09/17	110	147	790	Unknown person hit pole	Reed Point	OH	16170
09/11/17	105	4	690	Fuse blown/birds	Belfry	OH	420
09/11/17	45	1	300	Fuse pulled apart	Belfry	OH	45
09/11/17	120	15	unknown	OCR on one shot opened	Edg/From	OH	1800
09/11/17	150	1	unknown	Fuse blown	Edg/From	OH	150
09/12/17	60	1	300	Faulted URD cable	Edg/From	OH	60
09/12/17	90	115	300	Insulator in substation failed	Roberts	OH	10350
09/14/17	120	2	490	Tree through line	Absarokee	OH	240
09/15/17	75	30	unknown	OCR open	E Rosebud	OH	2250
09/15/17	60	23	090	Snow loading	Red Lodge	OH	1380
09/15/17	25	60	090	Snow loading	Red Lodge	OH	1500
09/18/17	100	7	300	Faulted URD cable	Edg/From	OH	700
09/18/17	45	1	unknown	Fuse blown	Edg/From	OH	45
09/19/17	30	4	690	Fuse blown/birds	Columbus	OH	120
09/20/17	60	5	690	Fuse blown/squirrel	Columbus	OH	300
09/21/17	35	2	110	Planned outage/add service	Red Lodge	OH	70
09/25/17	75	55	690	OCR on one shot/squirrel	Edg/From	OH	4125
09/26/17	60	37	490	Tree tripped line out	Nye	OH	2220
09/28/17	60	54	690	Fuse blown/birds	Edg/From	OH	3240
09/29/17	60	4	690	Fuse blown/squirrel	Columbus	OH	240
09/30/17	100	10	300	Cross arm pin ripped out of arm	Columbus	OH	1000
TOTALS	2080	597					49545

RUS CAUSE CODE KEY	September	Year to Date	Substations
000 Power Supplier	0	17	2 Absarokee
090 Weather	2	45	3 Belfry
110 Planned Outage	1	13	4 Columbus
300 Equipment	5	48	1 E Rosebud
490 Trees	2	13	7 Edg/From
500 Transformer	0	4	3 Nye
690 Animals	8	39	3 Red Lodge
790 Public Caused	1	11	1 Reed Point
Unknown	6	31	1 Roberts

9-22-17 SNOW STORM - 3:00 AM TO 1:30 AM DURATION - 1680 CUSTOMERS IMPACTED-720 CUSTOMER AVERAGE MINUTES