

COLUMBIA WATER & LIGHT DEPARTMENT

FISCAL ELECTRIC REPORT

October 1, 2017 to September 30, 2018

SUMMARY

Total to date, THREE PHASE 161 kv OH LINES	29.84 miles
Total to date, THREE PHASE 69 kv OH LINES	39.93 miles
Total to date, THREE PHASE 13.8 kv OH LINES	184.17 miles
Total to date, SINGLE PHASE 8 kv OH LINES	94.57 miles
Total to date, THREE PHASE 13.8 kv UG LINES	208.30 miles
Total to date, SINGLE PHASE 8 kv UG LINES	376.46 miles
Total Distribution Circuit Miles	863.50 miles
Total DISTRIBUTION TRANSFORMERS to date	12,038
Total ELECTRIC METERS to date	53,156
Total STREET LIGHTS, all categories, to date	9,946
Total DUSK TO DAWN LIGHTS to date	2,264
Total POLES in System to date	22,817

161 KV TRANSMISSION SYSTEM

Three phase 161 kv overhead transmission lines installed/removed				
WorkOrder #	Date Completed	Project Name	Circuit Ft Installed	Circuit Ft. Removed
Installed/Removed This Fiscal Year (feet):			0	0
Net This Fiscal Year (feet):			0	
Net This Fiscal Year (miles):			0	

69 KV TRANSMISSION SYSTEM

Three phase 69 kv overhead transmission lines installed/removed				
WorkOrder #	Date Completed	Project Name	Circuit Ft Installed	Circuit Ft. Removed
			Installed/Removed This Fiscal Year (feet):	0
			Net This Fiscal Year (feet):	0
			Net This Fiscal Year (miles):	0

13.8 KV DISTRIBUTION SYSTEM

OVERHEAD 3 PHASE 13.8 kv: INSTALLED & REMOVED					
WorkOrder #	Date Completed	Project Name	Circuit Ft Installed	Circuit Ft. Removed	Circuit Class
17011	10/26/2016	INSTALL SERVICE TO WELLS 17 & 18 @ 6900 S. STAR SCHOOL RD. & WELL 16 @ 7170 S. STAR SCHOOL RD	700		
18077	3/9/18	R/M FACILITIES @ FORMER JACK'S GOURMET RESTAURANT, 1903 BL70E	0	110	SERV
17112	7/11/17	R/P XFMRs & PRIMARY METERING @ 1300 E. BROADWAY, STAMPER HALL	0	40	SERV
WF2143432	11/8/17	E915 3P 480V SERVICE TO CPS ADMIN HVAC CHILLER FOR GROUND SOURCE HEAT PUMP FAIL, 1818 W. WO	275	275	SERV
17013	12/1/17	EXTEND GD211 NORTH FROM NIFONG ALONG HERMITAGE RD, BALANCE PHASES ON GD211	0	150	600
17060	1/30/18	LOOP 7892 @ 805 KEENE ST, STAYBRIDGE, COMPASSUS, TGIF, DRURY INN	0	330	200
17009	2/16/17	RECONDUCTOR HB223 ON WEST BLVD BETWEEN AGAIN ST & ASH ST	1300	1300	600
18087	4/9/18	INSTALL GRP SWITCH ON PP221 AT 1306 RANGE LINE STREET.	35	35	600
17098	3/30/18	RECONDUCTOR RH212 UG ALONG GREEN VALLEY DRIVE		80	600
17138	6/15/18	INSTALL PRIMARY METERING SERVICE TO AURORA DAIRY, 4525 WACO RD, TWO SOURCES: BD 212 & BD223	120		600
18016	7/2/18	INSTALL NEW U.G. SERVICE TO CAMPUS LUTHERAN CHURCH AT 304 S. COLLEGE AVE.		180	SERV
WF2142043	1/31/17	NEW SERVICE TO PHI DELTA THETA, 101 E. BURNAM, EXTEND FUTURE 3P UG TO THE GRASSLANDS		75	SERV
17129	8/9/17	R/M OVERHEAD PL222 @ EAST BLVD & CONLEY RD FOR BRIDGE PROJECT		3310	600
17121	8/9/17	R/L PL222 RISER POLE ON CONLEY RD, FEEDING UNDER US63 TO HOSPITAL ON KEENE		150	600
18071	6/6/18	EXTEND PL233 OVER BEAR CREEK @ BIG BEAR BLVD	250		600
	8/9/18	COMPLETE 200A LOOP 7892 NEAR 900 KEENE ST, R/M 3P OH SOUTH OF DRURY INN.		210	600
WF2185148	11/2/16	UNDERGROUND 3P-OH LINE (PP212) ACROSS 1518 N. GARTH AVE., BOB McCOSH PARKING LOT.		375	600
18057	7/3/18	R/M 3P OH, INSTALL 3P UG 600A @ WELLINGTON VILLAS PLAT 2		960	
		Installed/Removed This Fiscal Year (feet):	2680	7580	
		Net This Fiscal Year (feet):	-4900		
		Net This Fiscal Year (miles):	-0.92803		

8 KV DISTRIBUTION SYSTEM

OVERHEAD 1 PHASE 8 kv: INSTALLED & REMOVED				
WorkOrder #	Date Completed	Project Name	Circuit Ft Installed	Circuit Ft. Removed
18018	2/8/18	INSTALL 3P-UG SERVICE TO REMODELED BREAKTIME C-STORE AT 2402 PARIS RD.	0	415
17112	7/11/17	R/P XFMRs & PRIMARY METERING @ 1300 E. BROADWAY, STAMPER HALL	130	90
17013	12/11/17	EXTEND GD211 NORTH FROM NIFONG ALONG HERMITAGE RD, BALANCE PHASES ON GD211	0	1100
17099	5/17/17	STUART PARKER INSTALL 1P UG ON HICKS DR & OAK ST, CLOSING LOOP TO LYNN ST	0	630
17075	10/17/17	INSTALL 1P UG ON TOWNE DRIVE BETWEEN CLARK LN & WHITEGATE FOR PEDWAY PROJECT	0	500
17035	4/11/17	STUART PARKER, INSTALL 1P UG TO SERVE COLUMBIA HOUSING AUTHORITY ON LINCOLN	500	
WF2138089	8/9/16	STUART PARKER, COLUMBIA HOUSING AUTHORITY ON UNITY, LINCOLN, OAK & McBAINE	600	
WF2152225	7/26/16	INSTALL SERVICE TO CLASSROOM TRAILER @ BENTON SCHOOL TRLR D	150	
17137	4/16/18	RECONFIG TWO 1P LOOPS @ STONEHAVEN & OLD PLANK RD	0	330
17074	8/9/17	UG'ing ALONG EAST BLVD, MEHL RD FOR CONLEY ROAD - EAST BLVD ROAD PROJECT		550
17129	8/9/17	R/M OVERHEAD PL222 @ EAST BLVD & CONLEY RD FOR BRIDGE PROJECT	40	
18015	7/19/18	INSTALL 1P & 3P UG, 200A & 600A, LOUISVILLE, SILVERTHORNE & SMITH DR, BRECKENRIDGE PARK		1300
		Installed/Removed This Fiscal Year (feet):	1420	4915
		Net This Fiscal Year (feet):	-3495	
		Net This Fiscal Year (miles):	-0.6619	

UNDERGROUND 1 PHASE .8 kv: INSTALLED & REMOVED				
WorkOrder #	Date Completed	Project Name	Circuit Ft Installed	Circuit Ft. Removed
18042	12/15/17	R/L UG-1P DUE TO CONFLICT WITH NEW STORM SEWER AT 1103 WILKES BLVD.	270	270
WF2185175	9/29/2016	EXTEND 1P UG TO SERVE WOODHAVEN GROUP HOME & REFEED CELL TOWER @ 410 GREEN MEADOWS C	330	
17063	2/21/2017	INSTALL 1P UG TO SERVE JOANN SUBDIVISION, PLAT 1	40	
17122	11/25/17	EXTEND 1P UG TO SERVE RIVER REGION CREDIT UNION, 3000 CARTER LANE	440	
18020	12/19/17	R/P POLE, BUILD U1 RISER, R/P POLE XFMR W/ NEW PAD XFMR @ BROADWAY APTS, 2309 W. BROADWAY	10	
17013	12/11/17	EXTEND GD211 NORTH FROM NIFONG ALONG HERMITAGE RD, BALANCE PHASES ON GD211	4100	2950
18019	1/26/18	R/P DIRECT BURIED FAILED CABLE AT HEATHER RIDGE APTS, 2401 W. BROADWAY	220	180
17152	1/24/18	INSTALL 1P UG TO SERVE RIDGEMONT PARK, PLAT 1 (24 LOTS)	1740	
17109	10/19/17	EXTEND 3P UG + 1P UG TO SERVE THE VILLAGES AT ARBOR POINT, PLAT 3, PHASE 3, 2nd half (19 LOTS)	1720	
17099	5/17/17	STUART PARKER INSTALL 1P UG ON HICKS DR & OAK ST, CLOSING LOOP TO LYNN ST	620	
17075	10/17/17	INSTALL 1P UG ON TOWNE DRIVE BETWEEN CLARK LN & WHITEGATE FOR PEDWAY PROJECT	1000	
17035	4/11/17	STUART PARKER, INSTALL 1P UG TO SERVE COLUMBIA HOUSING AUTHORITY ON LINCOLN	1400	
WF2138089	8/9/16	STUART PARKER, COLUMBIA HOUSING AUTHORITY ON UNITY, LINCOLN, OAK & McBAINE	1100	
17137	4/16/18	RECONFIG TWO 1P LOOPS @ STONEHAVEN & OLD PLANK RD	1040	533
18098	6/1/18	R/L 200 AMP, 3PUG AT 700 BIG BEAR BLVD, FIRE TRAINING ACADEMY, DUE TO CONFLICT WITH NEW BLDG.	120	170
17133	8/7/18	REWIRE SERVICE TO GRANT ELEMENTARY SCHOOL, 10 E. BROADWAY	510	280
18065	3/30/18	INSTALL 1P UG TO SERVE BLUFF CREEK ESTATES PLAT 9 (4 LOTS + 1 COMMON LOT)	520	100
18106	6/13/18	INSTALL 1P UG TO SERVE 1111 S. GRAYSTONE DR (1 UNIT)	110	
17074	8/9/17	UG'ing ALONG EAST BLVD, MEHL RD FOR CONLEY ROAD - EAST BLVD ROAD PROJECT	1210	
18032	9/20/18	EXTEND 3P & 1P UG TO SERVE TUSCANY RIDGE PLAT 2 (31 LOTS)	5500	
18004	7/16/18	INSTALL 1P UG & 3P UG TO SERVE KELLY FARMS, 1150 - 1290 CINNAMON HILL LN (10 SINGLE FAMILY + 384	1150	
18015	7/19/18	INSTALL 1P & 3P UG, 200A & 600A, LOUISVILLE, SILVERTHORNE & SMITH DR, BRECKENRIDGE PARK	550	20
18009	7/19/18	EXTEND 3P UG & 1P UG TO SERVE BRECKENRIDGE PARK PLAT 1, 74 LOTS	7350	
17004	10/13/17	INSTALL 1P UG & 3P UG TO SERVE BRISTOL LAKE PLAT 1, PHASE 2 (88 LOTS)	8820	
18083	8/10/18	R/P BAD 3P UG & REWIRE LOOPS AT 3003 W. WORLEY ST., PARK DE VILLE CONDOS	930	930
		Installed/Removed This Fiscal Year (feet):	40800	5433
		Net This Fiscal Year (feet):	35367	
		Net This Fiscal Year (miles):	6.6983	

STREET LIGHTING

*Including 'undesigned' with OH

Type of Light	report	From GIS Map
HPS 100W	1,651	1634
HPS 100W UNDGR	3,848	3757
HPS 175W	4	4
HPS 175W UNDGR	2	1
HPS 213W UNDGR	1	0
HPS 250W	1,354	1330
HPS 250W UNDGR	1,498	1485
HPS 400W	20	20
HPS 400W UNDGR	8	8
LED 38W	6	10
LED 38W UNDGR	143	204
LED 57W	185	248
LED 57W UNDGR	31	49
LED 80W	0	1
LED 80W UNDGR	35	58
LED 100W	13	1
LED 100W UNDGR	11	0
LED 130W	0	1
LED 130W UNDGR	0	5
LED 170W	1	1
LED 170W UNDGR	7	8
LED 175W	2	2
LED 175W UNDGR	1	1
LED 206W	6	7
LED 206W UNDGR	11	11
LED 208W	9	11
LED 208W UNDGR	50	50
LED 213W	102	165
LED 213W UNDGR	147	165
LED 250W	1	1
LED 250W UNDGR	2	0
LED 310W	1	0
MH 100W	1	0
MH 208W	1	0
MH 170W	0	1
MH 203W	0	1
MH 250W	1	0
MV 57W	0	1
MV 100W	58	54
MV 100W UNDGR	17	17
MV 175W	448	418
MV 175W UNDGR	34	33
MV 208W	1	0
MV 250W	160	148
MV 250W UNDGR	9	9
MV 400W	13	9
MV 400W UNDGR	5	5
OTHER 100W	1	0
OTHER 100W UNDGR	2	0
OTHER 150W UNDGR	1	1
OTHER 250W	1	0
OTHER HPS ?	11	11
TOTAL	9,914	9946

DUSK TO DAWN LIGHTING

Type of Light	report	From GIS Map
OTHER 100W	1	
HPS 100W	499	490
HPS 100W UNDGR	72	72
HPS 250W	1,179	1170
HPS 250W UNDGR	32	32
HPS 400W	171	171
HPS 400W UNDGR	1	1
LED 38W	2	3
LED 38W UNDGR	1	1
LED 57W	38	54
LED 57W UNDGR	2	2
LED 80W	1	1
LED 80W UNDGR	0	1
LED 100W	1	0
LED 150W	0	3
LED 206W	1	1
LED 208W	6	6
LED 213W	37	46
LED 213W UNDGR	4	4
LED 250W	10	2
MV 100W	19	18
MV 175W	161	153
MV 250W	18	18
MV 400W	15	15
TOTAL	2271	2264

ELECTRIC DISTRIBUTION SYSTEM

Distribution Transformers

Previous FY total	11950
Transformers installed	325
<u>Transformers removed</u>	<u>237</u>
Net transformers this fiscal year	12038

Electric Meters

Previous FY total	52704
Electric Meters Installed	452
<u>Electric Meters Removed</u>	<u></u>
Net Electric Meters this fiscal year	53156