

COLUMBIA WATER & LIGHT DEPARTMENT

FISCAL ELECTRIC REPORT

October 1, 2016 to September 30, 2017

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	185.10 miles
Total to date, SINGLE PHASE 8 kv OH LINES	95.23 miles
Total to date, THREE PHASE 13.8 kv UG LINES	202.37 miles
Total to date, SINGLE PHASE 8 kv UG LINES	369.76 miles
Total DISTRIBUTION TRANSFORMERS to date	11950
Total ELECTRIC METERS to date	52704
Total STREET LIGHTS, all categories, to date	9,914
Total DUSK TO DAWN LIGHTS to date	2,271
Total POLES in System to date	22817

161 KV TRANSMISSION SYSTEM

Three phase 161 kva 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):			0.00	

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	0
Net This Fiscal Year (feet):			0	
Net This Fiscal Year (miles):			0.00	

13.8 KV DISTRIBUTION SYSTEM

OVERHEAD 3 PHASE 13.8 kv: INSTALLED & REMOVED					Circuit
WorkOrder #	Date Completed	Project Name	Circuit Ft Installed	Circuit Ft. Removed	Class
WF2129137	9/2/2016	UG'ing HB213 CROSSING OF I-70 CROSSING FROM BMW @ 1902 I-70 DR SW TO SELF STORAGE @ 1820 BL70W		580	600
WF2185241	1/23/2017	RECONDUCTOR OH3P BETWEEN 1808 & 1710 I-70 DR. SW	700		600
WF2185241	1/23/2017	RECONDUCTOR OH3P BETWEEN 1808 & 1710 I-70 DR. SW		700	200
WF2163321	1/11/2017	R/M & REBUILD OH CROSSINGS OF HWY 740, AND INSTALL SERVICE TO BREAK TIME AT 1416 S. OLD 63	465	460	SERV
WF2004441	11/2/2016	UG 600A CKT, INSTALL SERVICE TO CIS GYMNASIUM, 1801 N. STADIUM BLVD		900	600
17028	3/1/2017	R/P OPEN DELTA BANK AND REWIRE SERVICES FROM XFMR LOC# 4290, AT 405 TOWER DR.		180	200
17008	3/2/2017	R/P BAD UG SOUTH OF BIG BEAR, WEST OF RANGELINE	60		600
17039	2/20/2017	INCREASE OVERHEAD CLEARANCE ON ANDY DR., AND INSTALL SERVICE TO 2315 ANDY DRIVE.	340	340	600
Installed/Removed This Fiscal Year (feet):			1,565	3160	
Net This Fiscal Year (feet):			-1,595		
Net This Fiscal Year (miles):			-0.30		

8 KV DISTRIBUTION SYSTEM

OVERHEAD 1 PHASE 8 KV: INSTALL & REMOVED				
WorkOrder #	Date Completed	Project Name	Circuit Ft Installed	Circuit Ft. Removed
17019	11/23/2016	REMOVE 1P + N, INSTALL D-D'S AT CITY LANDFILL		220
WF2138301	4/11/2017	EXTEND 3P UG TO SERVE COURTVIEW APTS, 1312 BASS AVE		100
17014	2/22/2017	EXTEND GD233 SOUTH ALONG ROCK QUARRY PARK		505
WF1975563	1/3/2015	REFEED ST LGTS & D-D LGTS ON PARKADE FOR UG'ing BL70W		220
17050	7/19/2017	INSTALL SWGR AND SERVICE XFMR AT SIGMA NU FRAT., 710 S. COLLEGE AVENUE		105
17136	8/3/2017	R/M 1P OH & 1P UG @ CROWN CENTER FARMS, 1204 E. NIFONG & 1500 E. NIFONG	1200	1200
17132	6/21/17	REMOVE 1P OH LINE ALONG SMITH DR., FROM LOUISVILLE WEST		1500
Installed/Removed This Fiscal Year (feet):			1,200	3850
Net This Fiscal Year (feet):			-2,650	
Net This Fiscal Year (miles):			-0.50	

STREET LIGHTING

*Including 'undesigned' with OH

Type of Light	Prior year street light report	Fiscal Year Data - From Nathan M.
HPS 100W	1,672	1,651
HPS 100W UNDGR	3,918	3,848
HPS 175W		4
HPS 175W UNDGR		2
HPS 213W UNDGR		1
HPS 250W	1,369	1,354
HPS 250W UNDGR	1,517	1,498
HPS 400W	20	20
HPS 400W UNDGR	8	8
LED 38W	4	6
LED 38W UNDGR	99	143
LED 57W	156	185
LED 57W UNDGR	24	31
LED 80W UNDGR	19	35
LED 100W	14	13
LED 100W UNDGR	8	11
LED 170W	1	1
LED 170W UNDGR	7	7
LED 175W		2
LED 175W UNDGR		1
LED 206W	6	6
LED 206W UNDGR	6	11
LED 208W		9
LED 208W UNDGR	11	50
LED 213W	75	102
LED 213W UNDGR	75	147
LED 250W		1
LED 250W UNDGR		2
LED 310W	1	1
MH 100W		1
MH 208W		1
MH 250W		1
MV 100W	59	58
MV 100W UNDGR	17	17
MV 175W	38	448
MV 175W UNDGR	38	34
MV 208W		1
MV 250W		160
MV 250W UNDGR	10	9
MV 400W		13
MV 400W UNDGR	16	5
OTHER 100W		1
OTHER 100W UNDGR		2
OTHER 150W UNDGR		1
OTHER 250W		1
OTHER HPS ?		11
TOTAL	9,903	9,914

DUSK TO DAWN LIGHTING

Dusk To Dawn Lights

Type of Light	Prior year street light report	Fiscal Year Data - From Nathan M.
OTHER 100W		1
HPS 100W		499
HPS 100W UNDGR		72
HPS 250W		1,179
HPS 250W UNDGR		32
HPS 400W		171
HPS 400W UNDGR		1
LED 38W		2
LED 38W UNDGR		1
LED 57W		38
LED 57W UNDGR		2
LED 80W		1
LED 100W		1
LED 206W		1
LED 208W		6
LED 213W		37
LED 213W UNDGR		4
LED 250W		10
MV 100W		19
MV 175W		161
MV 250W		18
MV 400W		15
TOTAL	2,072	2,271

ELECTRIC DISTRIBUTION SYSTEM

Distribution Transformers

Previous FY total	11865
Transformers installed	271
<i>Transformers removed</i>	<i>186</i>
Net transformers this fiscal year	11950

Electric Meters

Previous FY total	51623
Electric Meters Installed	2965
Electric Meters Removed	1884
Net Electric Meters this fiscal year	52704

Completed Workorders For Fiscal 2017

Work Order	Issue date	size	Completed date	Title
WF1975563	1/2/2015	18 X 24	1/3/2015	REFEED ST LGTS & D-D LGTS ON PARKADE FOR UG'ing BL70W
17051	1/6/2016	8.5x14	1/11/2016	INSTALL D-D LIGHT 203 N. PROVIDENCE, COLUMBIA LIQUOR
WF2182674	8/4/2016	24 X 36	9/1/2016	MOVE FUSE 7164Y, EXTEND 3P UG TO SERVE SLIM CHICKENS, 2641 TRIMBLE RD
WF2185137	8/31/2016	24 X 36	9/2/2016	R/L ST LGTS @ 6TH & ELM FOR COLLEGE STUDENT HOUSING, E915 TO ORIGIN CONSTRUCTORS
WF2144467	7/13/2016	24 x 36	10/7/2016	EXTEND 1P UG TO SERVE THE VILLAGES AT ARBOR POINTE, PLAT 3, PHASE 2 (18 LOTS)
17007	10/17/2016	11 X 17	10/27/2016	INSTALL UG SERVICE TO 310 SANFORD (1 UNIT)
WF2004441	8/2/2016	24 X 36	11/2/2016	UG 600A CKT, INSTALL SERVICE TO CIS GYMNASIUM, 1801 N. STADIUM BLVD
17006	10/17/2016	11 x 17	11/7/2016	R/M D-D LGTS @ DOUGLASS PARK FOR PLAYGROUND RENOVATION
17022	11/14/2016	11 X 17	11/16/2016	INSTALL STREET LIGHT ON SYLVAN LANE.
WF2184542	9/20/2016	24 X 36	11/21/2016	EXTEND 3P UG TO SERVE TO ACADEMY SPORTS, AT 2651 TRIMBLE ROAD
17020	11/14/2016	8.5 X 14	11/21/2016	INSTALL D-D AT 1614 ANTHONY STREET
17019	11/18/2016	24 X 36	11/23/2016	REMOVE 1P + N, INSTALL D-D'S AT CITY LANDFILL
17001	10/20/2016	24 X 36	11/28/2016	EXTEND 1PUG AND INSTALL SERVICE TO WORLEY ST. HEAD START, AT 1312 W. WORLEY ST., ISS 2
WF2129137	9/2/2016	24 X 36	11/29/2016	UG'ing HB213 CROSSING OF I-70 CROSSING FROM BMW @ 1902 I-70 DR SW TO SELF STORAGE @ 1820 BL70W
17025	11/16/2016	8.5 X 14	11/29/2016	INSTALL STREET LIGHT ON MULBERRY ROAD
17024	11/16/2016	11 X 17	11/29/2016	INSTALL STREET LIGHT AT WESTWINDS DRIVE, AT WEST BLVD., SOUTH
17021	10/11/2016	11 X 17	12/1/2016	INSTALL STREET LIGHT ON KELLY LANE
17005	10/17/2016	24 X 36	12/8/2016	EXTEND 3PUG AND INSTALL SERVICE TO COLUMBIA HEALTHCARE AT 701 BLUE RIDGE ROAD
17012	10/20/2016	18 X 24	12/13/2016	EXTEND 200a UG3P AND CLOSE LOOP AT 805 BLUE RIDGE RD., MINI STORAGE
17027	12/9/2016	8.5 X 14	12/28/2016	INSTALL D-D AND REPLACE EXISTING D-D WITH LED'S AT BROADWAY CHRISTIAN CHURCH, 2601 W. BROADWAY
17043	12/28/2016	8.5 X 14	12/30/2016	INSTALL STREET LIGHT AT 120 BENTON AVE.
WF2163321	8/11/2016	24 X 36	1/11/2017	R/M & REBUILD OH CROSSINGS OF HWY 740, AND INSTALL SERVICE TO BREAK TIME AT 1416 S. OLD 63
WF2185150	9/13/2016	24 X 36	1/18/2017	INSTALL SERVICE TO DISTRICT HUB SPHERE @ 4TH & CHERRY, 101 S. FOURTH ST.
17030	12/1/2016	24 X 36	1/18/2017	EXTEND 3P UG TO SERVE ANDY'S FROZEN CUSTARD, 2661 TRIMBLE RD
17046	12/29/2016	18 x 24	1/18/2017	R/L SERVICE TO DAIRY QUEEN @ 700 BL70E TO MAKE ROOM FOR EXPANSION OF BOYS & GIRLS CLUB @ 1200 N. 7TH ST
17031	1/12/2017	24 x 36	1/19/2017	EXTEND 3P UG TO SERVE THE RISE, 131 S. TENTH ST
17026	11/16/2016	8.5x14	1/21/2017	REMOVE D-D LIGHT AT COLUMBIA COLLEGE
WF2185226	9/22/2016	24 X 36	1/23/2017	CLOSE 600A 3P LOOP FROM NOCONA PKWY V67 TO TOLTON H.S. V106 ON GANS RD
WF2185241	9/26/2017	24 X 36	1/23/2017	RECONDUCTOR OH3P BETWEEN 1808 & 1710 I-70 DR. SW
17003	10/13/2016	18 X 24	1/31/2017	R/W SERVICE TO DOUGLAS HIGH SCHOOL AT 310 N. PROVIDENCE RD.
17037	1/12/2017	24 X 36	2/3/2017	R/L XFMR LOC 3313 @ ALBERT OAKLAND PARK, 1900 BLUE RIDGE
17052	1/6/2017	11 x 17	2/6/2017	INSTALL LED ST LGT @ SANFORD & CONLEY, MU CAMPUS
17038	1/10/2017	18 x 24	2/7/2017	INSTALL SERVICE TO 602 FAY ST, REDEVELOPMENT
17048	2/7/2017	24 x 36	2/15/2017	R/L SEC OH FOR 2ND STORY DECK AT ROOT CELLAR RESTAURANT, 300 N. TENTH
17039	12/27/2016	24 x 36	2/20/2017	INCREASE OVERHEAD CLEARANCE ON ANDY DR., AND INSTALL SERVICE TO 2315 ANDY DRIVE.
17054	1/27/2017	18 x 24	2/21/2017	EXTEND 3P + 1P UG TO SERVE POOL @ THE VILLAGES OF ARBOR POINT
17014	10/19/2016	24 x 36	2/22/2017	EXTEND GD233 SOUTH ALONG ROCK QUARRY PARK
17028	1/19/2017	18 X 24	3/1/2017	R/P OPEN DELTA BANK AND REWIRE SERVICES FROM XFMR LOC# 4290, AT 405 TOWER DR.
17034	11/29/2016	24 x 36	3/1/2017	INSTALL 1P UG SERVICE TO 204 & 206 W. ASH (4 UNITS)
17008	10/19/2016	24 x 36	3/2/2017	R/P BAD UG SOUTH OF BIG BEAR, WEST OF RANGELINE
17015	12/5/2016	18 x 24	3/6/2017	INSTALL SERVICE TO 2807 W. BROADWAY SPEC BLDG
17055	1/20/2017	24 x 36	3/15/2017	EXTEND 1P UG TO SERVE 113, 115, 119 & 121 LYNN ST (4 UNITS)
17089	3/14/2017	18 X 24	3/16/2017	INSTALL XFMR AND SERVICE TO 2004 E. BL-70, KARDON RETAIL BLDG.
17036	1/2/2017	24 x 36	3/20/2017	EXTEND 3P UG + 1P UG TO SERVE THE VILLAGES AT ARBOR POINT, PLAT 3, PHASE 3 (40 LOTS)
17047	12/30/2016	24 x 36	3/22/2017	EXTEND 3P UG TO SERVE 20 & 40 W. SOUTHAMPTON, NEW 4-PLEX BLDGS
17080	3/1/2017	24 x 36	3/22/2017	REFEED BILLBOARD SIGN, S. OF I-70, W. OF US63, E. OF HINKSON CREEK, N. OF GOLF COURSE
17016	11/11/2016	24 X 36	3/28/2017	INSTALL NEW 3P-UG SERVICE TO 900 S. PROVIDENCE RD., DELTA GAMMA SORORITY, AFTER REBUILD
17045	1/12/2017	24 X 36	3/28/2017	R/L 3P PRIMARY METERING V306 TO CITY SIDE OF SHELTER INSURANCE GENERATORS, 1817 W. BROADWAY
WF2156578	8/31/2016	24 X 36	4/10/2017	EXTEND 3P-UG AND INSTALL SERVICE TO WELCOME HOME, AT 2120 E. BUSINESS LOOP 70
WF2138301	9/2/2016	24 X 36	4/11/2017	EXTEND 3P UG TO SERVE COURTVIEW APTS, 1312 BASS AVE
WF2122517	10/5/2016	18 X 24	4/13/2017	R/W SERVICE TO MUTRUX ANATOMIVE, AT 2100 ROLLINS RD., DUE TO BLDG ADDITION
17097	3/31/2017	24 X 36	4/14/2017	E915: INSTALL / REMOVE TEMP. ELECTRIC FACILITIES AT AURORA ORGANIC DAIRY, 4525 WACO ROAD.
17051	1/18/2017	24 X 36	4/25/2017	NOT E915: R/L SWGR'S AT 4215 PHILIPS FARM RD. DUE TO CONFLICT WITH PROPOSED DRIVEWAY
17044	4/12/2017	24 x 36	5/9/2017	INSTALL 1P UG TO SERVE WINDSOR PLACE PLAT 1, LOT 2 @ 1511 WINDSOR ST (6 UNITS)
17105	4/28/2017	24 x 36	5/10/2017	E915: R/L XFMR LOC 10499 @ 2406 BOULDER SPRINGS DUE TO PARKING CONFLICT
17062	2/11/2017	24 x 36	5/15/2017	EXTEND 3P UG TO SERVE DISCOVER PARK NORTH, 4205 & 4215 PHILIPS FARM RD
17095	4/11/2017	18 x 24	5/16/2017	REMOVE VAULT V-556 BY 5050 BRISTOL LAKE PKWY
17119	5/12/2017	18 X 24	5/23/2017	E915: INSTALL / REMOVE 2ND TEMP. ELECTRIC FACILITIES AT AURORA ORGANIC DAIRY, 4525 WACO ROAD.

17056	1/20/2017	24 X 36	5/26/2017	EXTEND 3P-UG AND INSTALL SERVICE TO LANDFILL ADMIN. BLDG AT 5700 PEABODY ROAD
17115	5/2/2017	24 X 36	6/5/2017	INSTALL XFMR LOC 8170 FOR KITTY HAWK MANOR PLAT 2, LOTS 54, 55, 56 (3 LOTS)
17106	4/10/2017	18 x 24	6/6/2017	REWIRE AND UNDERGROUND SERVICES TO 1110 & 1114 WILKES BLVD. FOR COLUMBIA COLLEGE
17058	1/25/2017	24 x 36	6/6/2017	EXTEND 1P UG TO SERVE FOX LAIR PLAT 1A (3 LOTS)
17064	2/9/2017	11 x 17	6/8/2017	INSTALL OH SERVICE ACROSS GORDON ST TO 903 N. OLD 63, SMASH LLC
17125	5/26/2017	24 x 36	6/10/2017	REWIRE SERVICE TO WILSON'S MAC @ 2900 FORUM BLVD for SOLAR PV & CT METERING CHANGE
17111	4/26/2017	24 x 36	6/12/2017	R/M OH SEC. AT 2303 ANDY DR. DUE TO TRESPASS, AND INSTALL UG SERVICE TO 2301 & 2303 ANDY DRIVE
17127	6/1/2017	18 X 24	6/12/2017	ADD JOINT USE POLE FOR BEC CROSSING, HOLLY AVE & OAKLAND GRAVEL RD
17059	4/13/2017	18 X 24	6/13/2017	EXTEND 3P UG TO SERVE WAREHOUSE @ 1501 CREEKWOOD PKWY
WF2185225	9/21/2016	11 X 17	6/21/2017	INSTALL SERVICE TO McKEE PARK SHELTER, 1900 McKEE ST.
17132	6/15/2017	11 X 17	6/21/2017	REMOVE 1P OH LINE ALONG SMITH DR., FROM LOUISVILLE WEST
E17114	4/28/2017	11 X 17	7/6/2017	INSTALL CENTURYLINK PRISM POWER SUPPLY # TB, 4401 THORNBROOK PKWY
17040	12/28/2016	18 x 24	7/11/2017	INSTALL SERVICE TO 306 ST JOSEPH ST, BO CO ASSISTED LIVING APTS
17091	5/15/2017	24 X 36	7/12/2017	INSTALL SERVICE TO HY-VEE GAS STATION, AT 2631 TRIMBLE RD.
17090	3/14/2017	18 X 24	7/13/2017	INSTALL SERVICE TO SCHINDLER BLDG AT 5814 BROWN STATION RD.
17050	2/16/2017	24 X 36	7/19/2017	INSTALL SWGR AND SERVICE XFMR AT SIGMA NU FRAT., 710 S. COLLEGE AVENUE
17111	4/26/2017	24 x 36	7/19/2017	R/M OH SEC. AT 2303 ANDY DR. DUE TO TRESPASS, AND INSTALL UG SERVICE TO 2301 & 2303 ANDY DRIVE
17122	24 X 36	24 X 36	7/20/2017	EXTEND 1P UG TO SERVE RIVER REGION CREDIT UNION, 3000 CARTER LANE
17017	2/21/2017	24 X 36	7/20/2017	EXTEND 200A, UG3P AND INSTALL SERVICE TO BROOKSIDE APARTMENTS AT 525 ELM ST. (123 units)
17069	4/4/2017	24 X 36	7/20/2017	R/P SWGR V414 AND TAP RH212 AT 216 S. FIFTH ST., NEAR 525 ELM ST., APARTMENTS.
17053	1/20/2017	18 x 24	7/25/2017	REWIRE SERVICE TO BOYS AND GIRLS CLUB AFTER BUILDING EXPANSION, AT 1200 N. SEVENTH ST.
17143	7/17/2017	18 X 24	7/26/2017	INSTALL SERVICE TO TRANSMISSION XFMR BLOCK HEATERS, AT 1501 E. BL-70
17142	7/17/2017	18 X 24	7/31/2017	REWIRE SERVICE TO MILLARD FUNERAL HOME AT 12 E. ASH ST.
17131	6/11/2017	11 x 17	8/1/2017	INSTALL SERVICE TO 706 FAIRVIEW AVE (1 UNIT)
17136	6/27/2017	18 X 24	8/3/2017	R/M 1P OH & 1P UG @ CROWN CENTER FARMS, 1204 E. NIFONG & 1500 E. NIFONG
17148	8/8/2017	11 X 17	8/11/2017	INSTALL SERVICE TO MODOT TRAFFIC SIGNAL CONTROLLER, 1510 S. OLD 63
17100	7/13/2017	18 x 24	9/24/2017	INSTALL SERVICE TO VETERAN'S HEALTHCARE, 3425 BUTTONWOOD DR

COMPLETED WORKORDERS =

85