

SERVICE DROP COST STUDY 2019 - SYSTEM AVERAGE

RCMS Version	Load Class Load Description	Conductor Type	DCS CU #'s	Length (feet)	Crew Size	Travel Time
Residential						
1	Overhead (small load)	#2 Triplex	ET 101CA	70	1	1.00
2	Overhead (all electric)	1/0 Triplex	ET 101DA	70	1	1.00
3	Underground (small load)	1/0 Triplex	GS 101BBB	70	2	1.00
4	Underground (all electric)	4/0 Triplex	GS 101CBB	70	2	1.00
0-30 kW (sm commercial)						
5	1 Phase OH	1/0 Triplex	ET 101DA	70	2	1.00
6	3 Phase OH	1/0 Quadruplex	ET 101HA	70	2	1.00
7	1 Phase UG	1/0 Triplex	GS 101BBB	70	2	1.00
8	3 Phase UG	1/0 Quadruplex	GS 101EBB	70	2	1.00
31-50 kW (sm-med commercial)						
9	1 Phase OH	4/0 Triplex	ET 101EA	70	2	1.00
B	3 Phase OH	4/0 Quadruplex	ET 101IA	70	2	1.00
C	1 Phase UG	4/0 Triplex	GS 101CBB	70	2	1.00
D	3 Phase UG	4/0 Quadruplex	GS 101FBB	70	2	1.00
51-100 kW (med-lrg commercial)						
E	1 Phase OH	2-4/0 Triplex	ET 101EA	70	2	1.00
F	3 Phase OH	2-4/0 Quadruplex	ET 101IA	70	2	1.00
G	1 Phase UG	2-4/0 Triplex	GS 101CBB	70	3	1.00
H	3 Phase UG	2-4/0 Quadruplex	GS 101FBB	70	3	1.00
101-300 kW (large commercial)						
I	1 Phase OH	3-500 & 350N	GS 112EB	70	2	1.00
J	3 Phase OH	3-4/0 Quadruplex	ET 101IA	70	2	1.00
K	1 Phase UG	3-750 & 500N	GS 112FB	70	3	1.00
L	3 Phase UG	4-350 Quad	GS 101GBB	70	3	1.00
301-1000 kW (large commercial)						
M	3 Phase OH	3-750 kcmil Quad.	GS 112FB	70	4	1.00
N	3 Phase UG	4-750 kcmil Quad.	GS 112FB	70	4	1.00
1001-2500 kW (large commercial)						
O	3 Phase UG	12-1000 kcmil Quad.	GS 112GB	70	4	1.00

2019 SERVICE STUDY

Labor		Material		Total Cost	
Hrs	\$				
3.16	\$ 560	\$ 69	\$ 629		
3.57	\$ 632	\$ 91	\$ 723		
3.68	\$ 652	\$ 74	\$ 726		
3.68	\$ 652	\$ 121	\$ 773		
4.57	\$ 809	\$ 91	\$ 900		
5.56	\$ 985	\$ 123	\$ 1,108		
3.68	\$ 652	\$ 74	\$ 726		
4.92	\$ 871	\$ 136	\$ 1,007		
4.96	\$ 878	\$ 132	\$ 1,010		
5.73	\$ 1,015	\$ 190	\$ 1,205		
3.68	\$ 652	\$ 121	\$ 773		
4.92	\$ 871	\$ 211	\$ 1,082		
8.28	\$ 1,466	\$ 345	\$ 1,811		
10.16	\$ 1,799	\$ 382	\$ 2,181		
6.36	\$ 1,126	\$ 241	\$ 1,367		
8.84	\$ 1,566	\$ 421	\$ 1,987		
14.00	\$ 2,480	\$ 832	\$ 3,312		
18.64	\$ 3,301	\$ 583	\$ 3,884		
16.68	\$ 2,954	\$ 1,216	\$ 4,170		
14.68	\$ 2,600	\$ 1,258	\$ 3,858		
30.82	\$ 5,457	\$ 2,946	\$ 8,403		
28.32	\$ 5,016	\$ 2,227	\$ 7,243		
84.96	\$ 15,050	\$ 10,469	\$ 25,519		

2018 SERVICE STUDY

Labor		Material		Total Cost	
Hrs	\$				
3.16	\$ 548	\$ 71	\$ 619	2%	
3.57	\$ 600	\$ 94	\$ 694	4%	
3.68	\$ 626	\$ 80	\$ 706	3%	
3.68	\$ 626	\$ 127	\$ 753	3%	
4.57	\$ 774	\$ 94	\$ 868	4%	
5.56	\$ 938	\$ 125	\$ 1,063	4%	
3.68	\$ 626	\$ 80	\$ 706	3%	
4.92	\$ 832	\$ 139	\$ 971	4%	
4.96	\$ 838	\$ 136	\$ 974	4%	
5.73	\$ 966	\$ 192	\$ 1,158	4%	
3.68	\$ 626	\$ 127	\$ 753	3%	
4.92	\$ 832	\$ 211	\$ 1,043	4%	
8.28	\$ 1,389	\$ 353	\$ 1,742	4%	
10.16	\$ 1,701	\$ 384	\$ 2,085	5%	
6.36	\$ 1,078	\$ 255	\$ 1,333	3%	
8.84	\$ 1,490	\$ 421	\$ 1,911	4%	
14.00	\$ 2,339	\$ 850	\$ 3,189	4%	
18.64	\$ 3,124	\$ 586	\$ 3,710	5%	
16.68	\$ 2,791	\$ 1,254	\$ 4,045	3%	
14.68	\$ 2,459	\$ 1,334	\$ 3,793	2%	
30.82	\$ 5,144	\$ 3,036	\$ 8,180	3%	
28.32	\$ 4,730	\$ 2,299	\$ 7,029	3%	
84.96	\$ 14,194	\$ 10,670	\$ 24,864	3%	

*Direct Material Cost is the system wide moving average cost

As of the 2010 STUDY - RCMS now combines vehicle costs into labor costs.

CC#: 11256

WO#: 06332316

Memo: RCMS overhead costs include pole and mast attachments.

RCMS underground costs assume installation is in conduit.