

**SERVICE DROP COST STUDY 2018 - SYSTEM AVERAGE**

RCMS Version	Load Class Load Description	Conductor Type	DCS CU #'s	Length (feet)	Crew Size	Travel Time	2018 SERVICE STUDY			2017 SERVICE STUDY					
							Labor Hrs	\$	Material	Total Cost	Labor Hrs	\$		Material	Total Cost
<b>Residential</b>															
1	Overhead (small load)	#2 Triplex	ET 101CA	70	1	1.00	3.16	\$ 548	\$ 71	\$ 619	3.16	\$ 531	\$ 69	\$ 600	3%
2	Overhead (all electric)	1/0 Triplex	ET 101DA	70	1	1.00	3.57	\$ 600	\$ 94	\$ 694	3.57	\$ 600	\$ 91	\$ 691	0%
3	Underground (small load)	1/0 Triplex	GS 101BBB	70	2	1.00	3.68	\$ 626	\$ 80	\$ 706	3.68	\$ 620	\$ 77	\$ 697	1%
4	Underground (all electric)	4/0 Triplex	GS 101CBB	70	2	1.00	3.68	\$ 626	\$ 127	\$ 753	3.68	\$ 620	\$ 119	\$ 739	2%
<b>0-30 kW (sm commercial)</b>															
5	1 Phase OH	1/0 Triplex	ET 101DA	70	2	1.00	4.57	\$ 774	\$ 94	\$ 868	4.57	\$ 769	\$ 91	\$ 860	1%
6	3 Phase OH	1/0 Quadruplex	ET 101HA	70	2	1.00	5.56	\$ 938	\$ 125	\$ 1,063	5.56	\$ 935	\$ 127	\$ 1,062	0%
7	1 Phase UG	1/0 Triplex	GS 101BBB	70	2	1.00	3.68	\$ 626	\$ 80	\$ 706	3.68	\$ 620	\$ 77	\$ 697	1%
8	3 Phase UG	1/0 Quadruplex	GS 101EBB	70	2	1.00	4.92	\$ 832	\$ 139	\$ 971	4.92	\$ 828	\$ 143	\$ 971	0%
<b>31-50 kW (sm-med commercial)</b>															
9	1 Phase OH	4/0 Triplex	ET 101EA	70	2	1.00	4.96	\$ 838	\$ 136	\$ 974	4.96	\$ 835	\$ 135	\$ 970	0%
B	3 Phase OH	4/0 Quadruplex	ET 101IA	70	2	1.00	5.73	\$ 966	\$ 192	\$ 1,158	5.73	\$ 964	\$ 190	\$ 1,154	0%
C	1 Phase UG	4/0 Triplex	GS 101CBB	70	2	1.00	3.68	\$ 626	\$ 127	\$ 753	3.68	\$ 620	\$ 119	\$ 739	2%
D	3 Phase UG	4/0 Quadruplex	GS 101FBB	70	2	1.00	4.92	\$ 832	\$ 211	\$ 1,043	4.92	\$ 828	\$ 214	\$ 1,042	0%
<b>51-100 kW (med-lrg commercial)</b>															
E	1 Phase OH	2-4/0 Triplex	ET 101EA	70	2	1.00	8.28	\$ 1,389	\$ 353	\$ 1,742	8.28	\$ 1,390	\$ 356	\$ 1,746	0%
F	3 Phase OH	2-4/0 Quadruplex	ET 101IA	70	2	1.00	10.16	\$ 1,701	\$ 384	\$ 2,085	10.16	\$ 1,705	\$ 382	\$ 2,087	0%
G	1 Phase UG	2-4/0 Triplex	GS 101CBB	70	3	1.00	6.36	\$ 1,078	\$ 255	\$ 1,333	6.36	\$ 1,071	\$ 239	\$ 1,310	2%
H	3 Phase UG	2-4/0 Quadruplex	GS 101FBB	70	3	1.00	8.84	\$ 1,490	\$ 421	\$ 1,911	8.84	\$ 1,486	\$ 428	\$ 1,914	0%
<b>101-300 kW (large commercial)</b>															
I	1 Phase OH	3-500 & 350N	GS 112EB	70	2	1.00	14.00	\$ 2,339	\$ 850	\$ 3,189	14.00	\$ 2,348	\$ 858	\$ 3,206	-1%
J	3 Phase OH	3-4/0 Quadruplex	ET 101IA	70	2	1.00	18.64	\$ 3,124	\$ 586	\$ 3,710	18.64	\$ 3,129	\$ 583	\$ 3,712	0%
K	1 Phase UG	3-750 & 500N	GS 112FB	70	3	1.00	16.68	\$ 2,791	\$ 1,254	\$ 4,045	16.68	\$ 2,799	\$ 1,275	\$ 4,074	-1%
L	3 Phase UG	4-350 Quad	GS 101GBB	70	3	1.00	14.68	\$ 2,459	\$ 1,334	\$ 3,793	14.68	\$ 2,464	\$ 1,308	\$ 3,772	1%
<b>301-1000 kW (large commercial)</b>															
M	3 Phase OH	3-750 kcmil Quad.	GS 112FB	70	4	1.00	30.82	\$ 5,144	\$ 3,036	\$ 8,180	30.82	\$ 5,167	\$ 3,056	\$ 8,223	-1%
N	3 Phase UG	4-750 kcmil Quad.	GS 112FB	70	4	1.00	28.32	\$ 4,730	\$ 2,299	\$ 7,029	28.32	\$ 4,750	\$ 2,335	\$ 7,085	-1%
<b>1001-2500 kW (large commercial)</b>															
O	3 Phase UG	12-1000 kcmil Quad.	GS 112GB	70	4	1.00	84.96	\$ 14,194	\$ 10,670	\$ 24,864	84.96	\$ 14,253	\$ 10,446	\$ 24,699	1%

\*Direct Material Cost is the system wide moving average cost

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

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Memo: RCMS overhead costs include pole and mast attachments.  
 RCMS underground costs assume installation is in conduit.