

ECOP - Bucks Creek 1101 - CB - PM#35217268 - Preferred Scope

Op Number	SAP ID	Sketch Location	Existing Type	Feet	Miles	Replacement Type	Customer count	Description of Work	Lat	Long
n/a	n/a		2C/2AR	9,655	1.829	3-1/0 Al EPR + 4" spare	n/a	replace 9655' of 2C/2AR with 3-1/0 Al EPR + 4" spare total	n/a	n/a
n/a	n/a		1/0 AR	11,670	2.210	3-1/0 ACSR TW	n/a	replace 11670' of 1/0 AR with 3-1/0 ACSR TW total	n/a	n/a
n/a	n/a	D to AC	2C/2AR	210	0.040	3-1/0 ACSR TW	0	replace 210' of 2C/2AR with 3-1/0 ACSR TW	n/a	n/a
n/a	n/a	B to E	2C/2AR	11,300	2.140	3-1/0 ACSR TW	2	replace 11300' of 2C/2AR with 3-1/0 ACSR TW	n/a	n/a
n/a	n/a	E to H	2C/2AR	9,655	1.829	3-1/0 Al EPR + 4" spare	2	replace 9655' of 2C/2AR with 3-1/0 Al EPR + 4" spare	n/a	n/a
n/a	n/a	H to HB	2C/2AR	50	0.009	3-1/0 ACSR TW	0	replace 50' of 2C/2AR with 3-1/0 ACSR TW	n/a	n/a
n/a	n/a	H to G	1/0 AR	110	0.021	3-1/0 ACSR TW	0	replace 110' of 1/0 AR with 3-1/0 ACSR TW	n/a	n/a
n/a	n/a	BA to BB	2C	1,145	0.217	remove	0	remove 1145' of 2C	n/a	n/a
17137	100391541	B	900A OH SW	n/a	n/a	900A SW	n/a	replace 900A OH SW with 900A SW under PM# 35212441	39.91125	-121.32726
941	100391300	D	OH SW	n/a	n/a	remove	n/a	remove OH SW	39.90072	-121.35941
n/a	n/a	E	n/a	n/a	n/a	US SW w/FI	n/a	install US SW w/FI on new pole	39.89911	-121.35956
n/a	n/a	H	n/a	n/a	n/a	18 ELF	n/a	install 18 ELF fuse on new pole	39.87609	-121.37276
7141	100391535	AB	40T	n/a	n/a	G&W Viper LR	n/a	replace 40T fuse with G&W Viper LR P MTT: 120A, P Curve: 163, P TD: 1, P Adder: 0, P Inst: 1200A G MTT: 70A, G Curve: 132, G TD: 1, G Adder: 0, G Inst: 770A	39.91074	-121.32751
n/a	100403879	F	10 kVA	n/a	n/a	remote grid	n/a	replace 10 kVA transformer with remote grid	39.8868	-121.37035
17183	100403903	I	600A SW	n/a	n/a	remove	n/a	remove OH SW	39.87627	-121.37875
17733	100403908	J	10E	n/a	n/a	remove	n/a	remove 10E fuse	39.87452	-121.37933
805SW	n/a	HB	SW	n/a	n/a	remove	n/a	remove OH SW	39.87598	-121.37291
805	n/a	HB	40T	n/a	n/a	remove	n/a	remove 40T fuse	39.87598	-121.37291
					0.000					

ECOP - Bucks Creek 1101 - CB - PM#35217268 - Alternative 1

Op Number	SAP ID	Sketch Location	Existing Type	Feet	Miles	Replacement Type	Customer count	Description of Work	Lat	Long
n/a	n/a		2C/2AR	25,210	4.775	3-1/0 ACSR TW	n/a	replace 25210' of 2C/2AR with 3-1/0 ACSR TW total	n/a	n/a
n/a	n/a	D to AC	2C/2AR	210	0.040	3-1/0 ACSR TW	0	replace 210' of 2C/2AR with 3-1/0 ACSR TW	n/a	n/a
n/a	n/a	B to H	2C/2AR	25,000	4.735	3-1/0 ACSR TW	5	replace 25000' of 2C/2AR with 3-1/0 ACSR TW	n/a	n/a
n/a	n/a	BA to BB	2C	1,145	0.217	remove	0	remove 1145' of 2C	n/a	n/a
17137	100391541	B	900A OH SW	n/a	n/a	900A SW	n/a	replace 900A OH SW with 900A SW under PM# 35212441	39.91125	-121.32726
941	100391300	D	OH SW	n/a	n/a	US SW w/FI	n/a	replace OH SW with US SW w/FI	39.90072	-121.35941
17183	100403903	E	600A SW	n/a	n/a	US SW w/FI	n/a	replace 600A SW with US SW w/FI	39.87627	-121.37875
17733	100403908	F	10E	n/a	n/a	remove	n/a	remove 10E fuse	39.87452	-121.37933
805SW	100403915	G	OH SW	n/a	n/a	remove	n/a	remove SW	39.87576	-121.37295
805	100403915	HA	40T	n/a	n/a	18 ELF	n/a	replace 40T fuse with 18 ELF	39.87576	-121.37295
7141	100391535	AB	40T	n/a	n/a	G&W Viper LR	n/a	replace 40T fuse with G&W Viper LR P MTT: 120A, P Curve: 163, P TD: 1, P Adder: 0, P Inst: 1200A G MTT: 70A, G Curve: 132, G TD: 1, G Adder: 0, G Inst: 770A	39.91074	-121.32751

Internal

ECOP - Bucks Creek 1101 - CB - PM#35217268 - Alternative 2

Op Number	SAP ID	Sketch Location	Existing Type	Feet	Miles	Replacement Type	Customer count	Description of Work	Lat	Long
n/a	n/a		1/0 AR	640	0.121	3-1/0 ACSR TW	n/a	replace 640' of 1/0 AR with 3-1/0 ACSR TW total	n/a	n/a
n/a	n/a		1/0 AR	705	0.134	2-1/0 ACSR TW	n/a	replace 705' of 1/0 AR with 2-1/0 ACSR TW total	n/a	n/a
n/a	n/a		2C/2AR	20,320	3.848	3-1/0 AL EPR + 4" spare	n/a	replace 20320' of 2C/2AR with 3-1/0 AL EPR + 4" spare total	n/a	n/a
n/a	n/a		2C	6,820	1.292	2-1/0 AL EPR	n/a	replace 6820' of 2C with 2-1/0 AL EPR total	n/a	n/a
n/a	n/a	B to BA	2C/2AR	440	0.083	3-1/0 ACSR TW	0	replace 440' of 2C/2AR with 3-1/0 ACSR TW	n/a	n/a
n/a	n/a	AD to AB	2C/2AR	210	0.040	3-1/0 AL EPR + 4" spare	0	replace 210' of 2C/2AR with 3-1/0 AL EPR + 4" spare	n/a	n/a
n/a	n/a	AB to AC	2C/2AR	40	0.008	3-1/0 ACSR TW	0	replace 40' of 2C/2AR with 3-1/0 ACSR TW	n/a	n/a
n/a	n/a	BA to BB	2C/2AR	2,655	0.503	3-1/0 AL EPR + 4" spare	0	replace 2655' of 2C/2AR with 3-1/0 AL EPR + 4" spare	n/a	n/a
n/a	n/a	BB to BC	2C/2AR	85	0.016	2-1/0 AL EPR	1	replace 85' of 2C/2AR with 2-1/0 AL EPR	n/a	n/a
n/a	n/a	BB to CA	2C/2AR	3,845	0.728	2-1/0 AL EPR	0	replace 3845' of 2C/2AR with 2-1/0 AL EPR	n/a	n/a
n/a	n/a	CA to CB	2C/2AR	705	0.134	2-1/0 ACSR TW	0	replace 705' of 2C/2AR with 2-1/0 ACSR TW	n/a	n/a
n/a	n/a	BB to D	2C/2AR	4,835	0.916	3-1/0 AL EPR + 4" spare	0	replace 4835' of 2C/2AR with 3-1/0 AL EPR + 4" spare	n/a	n/a
n/a	n/a	D to DA	2C/2AR	500	0.095	2-1/0 AL EPR	1	replace 500' of 2C/2AR with 2-1/0 AL EPR	n/a	n/a
n/a	n/a	D to EA	2C/2AR	2,390	0.453	2-1/0 AL EPR	0	replace 2390' of 2C/2AR with 2-1/0 AL EPR	n/a	n/a
n/a	n/a	D to H	2C/2AR	12,620	2.390	3-1/0 AL EPR + 4" spare	0	replace 12620' of 2C/2AR with 3-1/0 AL EPR + 4" spare	n/a	n/a
n/a	n/a	H to HB	2C/2AR	50	0.009	3-1/0 ACSR TW	1	replace 50' of 2C/2AR with 3-1/0 ACSR TW	n/a	n/a
n/a	n/a	H to G	1/0 AR	110	0.021	3-1/0 ACSR TW	1	replace 110' of 1/0 AR with 3-1/0 ACSR TW	n/a	n/a
n/a	n/a	BA to CB	2C/2AR	6,170	1.169	remove	0	remove 6170' of 2C/2AR	n/a	n/a
n/a	n/a	CA to H	2C/2AR	17,760	3.364	remove	0	remove 17760' of 2C/2AR	n/a	n/a
17137	100391541	B	900A OH SW	n/a	n/a	900A SW	n/a	replace 900A OH SW with 900A SW under PM# 35212441	39.91125	-121.32726
n/a	100391541	AD	n/a	n/a	n/a	US SW	n/a	install US SW toward Loc AC	39.91124	-121.32719
n/a	n/a	BA	n/a	n/a	n/a	US SW w/FI	n/a	install US SW w/FI on new pole	39.91173	-121.32823
n/a	new PMI-9TT	BB	n/a	n/a	n/a	PMI-9TT	n/a	Install PMI-9TT Interrupter Setting: SEL751 PMTT: 120A, P Curve: U3, P TD: 1, P Adder: 0, P INST: 1,200A GMITT: 80A, G Curve: U3, G TD: 1, G Adder: 0, G INST: 1,000A	39.90793	-121.33593
n/a	100391518	BC	n/a	n/a	n/a	PM TX	n/a	install PM TX	39.90816	-121.33599
n/a	100391318	CA	n/a	n/a	n/a	US SW	n/a	install US SW	39.9041	-121.3481
n/a	new PMI-9TT	D	n/a	n/a	n/a	PMI-9TT	n/a	Install PMI-9TT Interrupter Setting: SEL751 PMTT: 120A, P Curve: U3, P TD: 1, P Adder: 0, P INST: 1,200A GMITT: 80A, G Curve: U3, G TD: 1, G Adder: 0, G INST: 1,000A	39.90259	-121.35137

Internal

n/a	100391309	DA	n/a	n/a	n/a	PM TX	n/a	install PM TX	39.90208	-121.35345
n/a	100391300	EA	n/a	n/a	n/a	PM TX	n/a	install PM TX	39.90072	-121.35941
941	100391300	EA	OH SW	n/a	n/a	remove	n/a	remove OH SW	39.90072	-121.35941
n/a	n/a	H	n/a	n/a	n/a	18 ELF	n/a	install 18 ELF fuse on new pole	39.87609	-121.37276
n/a	100391535	AB	n/a	n/a	n/a	US SW	n/a	install US SW toward Loc AD	39.91074	-121.32751
7141	100391535	AB	40T	n/a	n/a	G&W Viper LR	n/a	replace 40T fuse with G&W Viper LR P MTT: 120A, P Curve: 163, P TD: 1, P Adder: 0, P Inst: 1200A G MTT: 70A, G Curve: 132, G TD: 1, G Adder: 0, G Inst: 770A	39.91074	-121.32751
n/a	100403879	F	10 kVA	n/a	n/a	remote grid	n/a	replace 10 kVA transformer with remote grid	39.8868	-121.37035
17183	100403903	I	600A SW	n/a	n/a	remove	n/a	remove OH SW	39.87627	-121.37875
17733	100403908	J	10E	n/a	n/a	remove	n/a	remove 10E fuse	39.87452	-121.37933
805SW	n/a	HA	SW	n/a	n/a	remove	n/a	remove OH SW	39.87598	-121.37291
805	n/a	HA	40T	n/a	n/a	remove	n/a	remove 40T fuse	39.87598	-121.37291

Internal

ECOP - Bucks Creek 1101 - CB - PM#35217268 - Alternative 3

Op Number	SAP ID	Sketch Location	Existing Type	Feet	Miles	Replacement Type	Customer count	Description of Work	Lat	Long
n/a	n/a		2C/2AR	10,875	2.060	3-1/0 ACSR TW	n/a	replace 10875' of 2C/2AR with 3-1/0 ACSR TW total	n/a	n/a
n/a	n/a	A to AC	2C/2AR	305	0.058	3-1/0 ACSR TW	0	replace 305' of 2C/2AR with 3-1/0 ACSR TW	n/a	n/a
n/a	n/a	B to D	2C/2AR	10,570	2.002	3-1/0 ACSR TW	2	replace 10570' of 2C/2AR with 3-1/0 ACSR TW	n/a	n/a
n/a	n/a	BA to BB	2C	1,145	0.217	remove	0	remove 1145' of 2C	n/a	n/a
n/a	n/a	D to H	2C/2AR	14,335	2.715	remove	0	remove 14335' of 2C/2AR	n/a	n/a
17137	100391541	B	900A OH SW	n/a	n/a	900A SW	n/a	replace 900A OH SW with 900A SW under PM# 35212441	39.91125	-121.32726
941	100391300	D	OH SW	n/a	n/a	remove	n/a	remove OH SW	39.90072	-121.35941
7141	100391535	AB	40T	n/a	n/a	G&W Viper LR	n/a	replace 40T fuse with G&W Viper LR P MTT: 120A, P Curve: 163, P TD: 1, P Adder: 0, P Inst: 1200A G MTT: 70A, G Curve: 132, G TD: 1, G Adder: 0, G Inst: 770A	39.91074	-121.32751
n/a	100403879	F	10 kVA	n/a	n/a	remote grid	n/a	replace 10 kVA transformer with remote grid	39.8868	-121.37035
n/a	100403879	G	75 kVA 3ph	n/a	n/a	remote grid	n/a	replace 75 kVA 3ph transformer with remote grid	39.8868	-121.37035
n/a	100403879	H	15/15/15 kVA 3ph	n/a	n/a	remote grid	n/a	replace 15/15/15 kVA 3ph transformer with remote grid	39.8868	-121.37035
17183	100403903	I	600A SW	n/a	n/a	remove	n/a	remove OH SW	39.87627	-121.37875
17733	100403908	J	10E	n/a	n/a	remove	n/a	remove 10E fuse	39.87452	-121.37933
805SW	100403915	HB	SW	n/a	n/a	remove	n/a	remove OH SW	39.87576	-121.37295
805	100403915	HA	40T	n/a	n/a	remove	n/a	remove 40T fuse	39.87576	-121.37295

Internal