

Tariff	Description	Present Price	Proposed Price	2021 Units	Present \$	Proposed \$	Difference	
5.1.A.1	Standard Installation and Extension Rules							
	Excess service charge - Services	\$7.90	\$12.50	9,905	\$78,250	\$123,813	\$45,563	
	Excess service charge - Excess single phase primary	\$8.00	\$13.00	-	\$0	\$0	\$0	
	Excess service charge - Excess three phase primary	\$13.90	\$21.00	-	\$0	\$0	\$0	
5.1.A.2.	Winter Construction							
	Per Thaw Unit	\$600.00	\$685.00	36	\$21,600	\$24,660	\$3,060	
	Per Trench Foot	\$3.80	\$8.90	21,769	\$82,722	\$193,744	\$111,022	
					REVENUE IMPACT	\$182,572	\$342,217	\$159,645

Section 6.5.1.A1.	
Excess Footage Charge	Current Electric tariff per circuit foot
Services	\$7.90
Excess single phase primary or secondary extension	\$8.00
Excess three phase primary or secondary extension	\$13.90

Task	SAP	Overhead	Total Costs
Services	\$ 8.81	42.78%	\$12.58
Excess single phase primary or secondary extension	\$ 9.27	42.78%	\$13.24
Excess three phase primary or secondary extension	\$ 14.57	42.78%	\$20.80

TARIFF	Current Electric tariff per circuit foot	Proposed Tariff Charge per circuit foot
Services	\$7.90	\$12.50
Excess single phase primary or secondary extension	\$8.00	\$13.00
Excess three phase primary or secondary extension	\$13.90	\$21.00

Equipment Specifications

Assumptions - based off 100 ft service

Single Phase secondary = 4/0 alum tri w/ installation

Single Phase primary = #2 alum 1/0 primary w/ installation

3 Phase primary or secondary = 1/0 alum 3/0 primary w/ installation

Engineering and Supervision Overhead: average rate 42.78%

2020 Winter Construction Thaw Unit Costs

**Before January 1st (typically burns for 2 days)
A thaw unit requires 3 - 20 lb propane tanks to run for 2 days (20 lb tank = 5 gallons)**

Process	Crew or Vehicles	Time to Do	Cost per Hour	Cost	Cost per Gallon	Gallons Used	Propane Cost	Totals
Set thaw unit	Two man crew	1	\$93.59	\$93.59				
Re-tank thaw unit	Two man crew	0	\$93.59	\$0.00				
Remove thaw unit	Two man crew	0.5	\$93.59	\$46.80				
Total Labor				\$140.39				
Labor Loading @ 76.87%				\$107.91				
Labor w/ Loading				\$248.30				\$248.30
Vehicle & Equipment	truck and trailer	1.5	13.11	\$19.67				\$19.67
Propane Cost						2.02	15	\$30.30
Costs (before E&S)				\$298.26				\$298.26
E&S Cost @ 42.78%				\$127.60				\$127.60
Total Cost				\$425.86				\$425.86

After January 1st (typically burns for 3 days)

Process	Crew or Vehicles	Time to Do	Cost per Hour	Cost	Cost per Gallon	Gallons Used	Propane Cost	Totals
Set thaw unit	Two man crew	1	\$93.59	\$93.59				
Re-tank thaw unit	Two man crew	1	\$93.59	\$93.59				
Remove thaw unit	Two man crew	0.5	\$93.59	\$46.80				
Total Labor				\$233.98				
Labor Loading @ 76.87%				\$179.86				
Labor w/ Loading				\$413.83				\$413.83
Vehicle & Equipment	truck and trailer	2.5	13.11	\$32.78				\$32.78
Propane Cost						2.02	22.5	\$45.45
Costs (before E&S)				\$492.06				\$492.06
E&S Cost @ 42.78%				\$210.50				\$210.50
Total Cost				\$702.56				\$702.56

* Please note, 90% of all thaw units are set after January 1st.

Before and after January Costs	Percentage	
\$425.86	10%	\$42.59
\$702.56	90%	\$632.30
		\$674.89
Billing Labor		\$10.00
Producing Bill		\$0.11
Postage		\$0.40
Total Cost of a Thaw Unit		\$685.39

2019 Winter Construction Per Foot Charge

Winter Construction billed for in Winter of 2019

Average Cost per Foot Winter 2019 Services =	\$28.07
Average Cost per Foot Non-Winter Months Services =	\$19.16
Difference for Winter Construction	\$8.91

2020 Updates to Charges

Current Electric Charges		Tariff		Proposed Tariff Charge	
		Updated Costs			
Service Extension	\$600.00	per thaw unit	\$685.39	per thaw unit	Thawing \$685.00 per thaw unit
	\$3.80	plus per trench foot	\$8.91	plus per trench foot	Secondary distribution extension \$8.90 per foot