

New Three Phase Commercial

Three phase transformer charges include up to 50' of aluminum service conductors.

Total Service Conducts	Service Conductor	Three-Phase Transformers				
		SES Size (Amp)	Transformer Voltage 120/208		Transformer Voltage 277/480	
			Size (kVA)	Estimate	Size (kVA)	Estimate
1	1	200	75	\$20,098	150	\$22,849
1	1	400	150	\$24,078	300	\$26,333
2	2	600	225	\$27,931	500	\$41,384
3	2	800	300	\$28,658	750	\$46,921
4	3	1,000	300	\$30,988	750	\$49,252
5	4	1,200	500	\$38,903	1,000	\$54,088
7	5	1,600	500	\$41,233	1,500	\$91,215
10	7	2,000	750	\$60,338	1,500	\$95,875
13	10	2,500	750	\$67,328	2,000	\$115,121
19	13	3,000	1,000	\$72,439	2,000	\$122,112
Charge for Additional Primary or Service Conductor (if needed)					\$16.00 / foot per phase	

Note: In addition to the charge for transformers and service conductors, remember to add appropriate charges for feeder switches, risers, and fusing cubicles.

Feeder Switches, Risers, and Fusing Cubicles

Switches	\$23,852 each
Feeder Riser (Overhead Switch)	\$15,309 each
Fusing Cubicle Position	\$3,130 each
Pulling Enclosure	\$14,804 each
4/0 Tap Enclosure	\$8,212 each



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EXAMPLE

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Scenario A:

A customer wants to install a 277/480V, 3-phase, 2000-amp service entrance section (SES) less than 1,000 feet from existing underground electric feeder lines. The new transformer will be located less than 50 feet from the SES.

Pricing:

1 feeder switch _____ (to intercept line and feed the transformer)	\$23,852
1500 kVA transformer and service _____	\$95,875
Charge for service length > 50 feet: _____	0.00
TOTAL: _____	\$119,727

Scenario B:

A customer wants to install a 120/208V, 3-phase, 800-amp service entrance section (SES) 1200 feet from existing underground electric feeder lines and 65 feet from transformer.

Pricing:

1 feeder switch (to intercept line) @ \$23,852 each _____	\$23,852
1 feeder switch (to feed transformer) @ \$23,852 each _____	\$23,852
300 kVA transformer and service _____	\$28,658
Charge for service length > 50 feet: _____	
(15' x 2 services x \$16 per foot) _____	\$480
Charge for primary wire > 1,000 feet: (200' x \$16 x 3 phases per foot) _____	\$9,600
TOTAL: _____	\$86,442