Three-Phase Commercial

Salt River Project
Distribution Design

Description and Use

To assist contractors and developers, SRP provides requested rough estimates of construction charges to prepare project budgets in advance of breaking ground. Constructions fees vary based on services requested. Estimated charges are subject to change at SRP's discretion and are revised every six months. All prices are for estimating purposes only.

New Three Phase Commercial

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

Total Service Conduits	Service Conductor	Three-Phase Transformers				
			Transformer Voltage 120/208		Transformer Voltage 277/480	
		SES Size (Amp)	Size (kVA)	Estimate	Size (kVA)	Estimate
1	1	200	75	$21,494	150	$23,967
1	1	400	150	$24,860	300	$27,583
2	2	600	225	$29,729	500	$43,500
3	2	800	300	$30,764	750	$49,338
4	3	1,000	300	$33,139	750	$51,713
5	4	1,200	500	$40,218	1,000	$58,571
7	5	1,600	500	$42,593	1,000	$60,946
10	7	2,000	750	$63,244	1,000	$65,695
13	10	2,500	750	$70,368	1,500	$99,560
19	13	3,000	1,000	$73,372	1,500	$106,684

Charge for Additional Primary or Service Conductor (if needed)	$15/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	$23,606 each
Feeder Riser (Overhead Switch)	$15,887 each
Fusing Cubicle Position	$3,130 each
Pulling Enclosure	$14,890 each
4/0 Tap Enclosure	$8,517 each

EXAMPLE

New Three Phase Commercial

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 @ $23,606 each (to intercept line and feed the transformer)	*$ 23,606*
1000 kVA transformer and service	*$ 65,695*
Charge for service length > 50 feet:	*0.00*
TOTAL:	***$ 89,301***

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) @ $23,606 each	*$23,606*
1 feeder switch (to feed transformer) @ $23,606 each	*$23,606*
300 kVA transformer and service	*$30,764*
Charge for service length > 50 feet:	
(15' x 2 services x $15 per foot)	*$ 450*
Charge for primary wire > 1,000 feet:	
(200' x $15 x 3 phases per foot)	*$ 9,000*
TOTAL:	***$87,426***