



Single-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. Construction 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 Single-Phase Commercial

Single Phase Transformers	
Voltage: 120/240	
Size (kVA)	Estimate
25	\$5,900
50	\$7,299
75	\$7,013

Service Conductor	
Standard Aluminum	
Conductor Size	Estimate
1/0	\$1,294
4/0	\$1,387
350	\$1,582

Note: In addition to estimating charges 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
Feeder Pulling Enclosure (PAD)	\$14,890 each
4/0 Tap Enclosure	\$8,517 each

EXAMPLE

New Single-Phase Commercial

Scenario:

Customer wants to install a 120/240V, single phase, 200-amp service entrance section (SES) 25 feet from transformer and less than 1,000 feet from existing SRP underground feeder lines.

Assumptions:

Sizing for transformers and services conductors for single phase commercial services can be found online in SRP's "Electric Service Specifications" (<http://www.srpnet.com/electric/business/specs/ess.aspx>). Reference the Fault Current Tables in section one or contact SRP Customer Design for additional help.

Pricing:

1 feeder switch @ \$23,606 each	\$23,606
1 single phase 50 kVA transformer @ \$7,299 each	\$ 7,299
1/0 service conductor @ \$1,294 each	<u>\$ 1,294</u>
TOTAL:	\$32,199