Residential Subdivisions

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.

Delivering water and power®

New Residential Subdivisions

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

Residential Subdivision	
Service Conductors	
200 amp	$842.00 per lot
400 amp	$1030.00 per lot

Note: In addition to estimating charges for transformers and service conductors, remember to add appropriate charges for feeder switches, risers, fusing cubicles, and any necessary commercial services such as sprinkler pedestals or subdivision lighting.

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 (PAD)	$14,890 each
4/0 Tap Enclosure	$8,517 each

Scenario:

Customer wants to construct a 102-lot subdivision located within 1,000 feet of existing primary lines. The homes will range in size from 1,687 square feet to 2,560 square feet but will all have 200-amp service entrance sections (SES).

Assumptions:

As a rough estimate, assume one 75-kVA transformer is needed for every five lots. For specific transformer sizing formulas, please contact SRP Customer Distribution Engineering.

A minimum of three fuse connections are required for any residential subdivisions.

A minimum of one feeder switch is required for any residential subdivision.

Pricing:

102 200-amp service conductors @ $842 each	*$ 85,884*
20 transformers @ $7,013 each	*$140,260*
(102 lots / 5 lots per transformer = 20.4)	
1 feeder switch @ $23,606 each	*$ 23,606*
3 fusing cubicle positions @ $3,130 each	*$ 9,390*
TOTAL:	***$259,140***