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New Residential Subdivisions

Single Phase Transformers	
Voltage: 120/240	
Size (kVA)	Estimate
25	\$5,457
50	\$7,106
75	\$7,520

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.

Prior to the Component-based Charges for New Construction taking effect, \$1,230 per lot was the fee for 200-amp houses. This calculation remains a realistic benchmark for estimating costs.

Feeder Switches, Risers, and Fusing Cubicles

Switches	\$23,492 each
Feeder Riser (Overhead Switch)	\$14,741 each
Fusing Cubicle Position	\$3,130 each
Pulling Enclosure (PAD)	\$13,958 each
4/0 Tap Enclosure	\$7,943 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).



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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:

<i>102 200-amp service conductors @ \$842 each</i>	<i>\$85,884</i>
<i>20 transformers @ \$7,520 each (102 lots / 5 lots per transformer = 20.4)</i>	<i>\$150,400</i>
<i>1 feeder switch @ \$23,492 each</i>	<i>\$23,492</i>
<i>3 fusing cubicle positions @ \$3,130 each</i>	<i>\$9,390</i>
TOTAL:	\$269,166