

SBEC Table (SC1)

### Residential Service Entrance Conductors

Main Service Entrance Amperage	Current Conductor		Neutral Conductor		Ground Conductor
	Copper	Aluminum	Copper	Aluminum	Copper
100	4	2	2	3	8
125	2	1/0	4	2	8
150	1	2/0	3	1	6
200	2/0	4/0	1	2/0	4
320	350	500	250	350	2
*Parallel Runs	2/0	3/0	1	1/0	
400	400	600	300	400	1/0
*Parallel Runs	3/0	4/0	1/0	2/0	

\* Parallel conductor size are calculated using separate conduits. If single conduit is used the conductor must be derated to 80% and a larger conductor size will be required.