

SBEC Table (SC1)

**Residential Service Entrance Conductors
(Meter located on side of residence)**

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 calculate using separate conduits. If single conduit is used the conductor must be derated by 80% and a larger conductor size will be required.

SBEC Table (SC2)

**Residential Service Entrance Conductors
(Meter located on pole or rack)**

Main Service Entrance Amperage	Current Conductor		Neutral Conductor		Ground Conductor
	Copper	Aluminum	Copper	Aluminum	
					Copper
100	2	1/0	4	2	8
125	1	2/0	3	1	6
150	1/0	3/0	2	1/0	6
200	3/0	250	1/0	3/0	2
320	350	500	250	350	2
*Parallel Runs	2/0	3/0	1	1/0	
400	500	700	350	500	1/0
*Parallel Runs	3/0	4/0	1/0	2/0	

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