Conductor Sizes for Service Entrances			
Main Fused Disconnect of Multi-breaker	**Phase**	**Temperature Rating**	**Conductor Size and Type (*Copper*)**
60 AMPERES OF LESS	1 OR 3	75°C	#6 RH, RHW, THW, THWN, THHW, XHHW
70 AMPERES	1 OR 3	75°C	#4 RH, RHW, THW, THWN, THHW, XHHW
100 AMPERES	1 OR 3	75°C	#2 RH, RHW, THW, THWN, THHW, XHHW
150 AMPERES	1 OR 3	75°C	#1/0 RH, RHW, THW, THWN, THHW, XHHW
200 AMPERES	1 OR 3	90°C	#2/0 RHH, RHW-2, THHN, THHW, THW-2, THWN-2, XHHW-2
200 AMPERES	1 OR 3	75°C	#3/0 RH, RHW, THW, THWN, THHW, XHHW
400 AMPERES	3 PHASE	75°C	2-#3/0 PARALLELED RH, RHW, THW, THWN, THHW, XHHW
600 AMPERES	3 PHASE	75°C	2-350 kcmil PARALLELED RH, RHW, THW, THWN, THHW, XHHW
800 AMPERES	3 PHASE	75°C	3-350 kcmil PARALLELED RH, RHW, THW, THWN, THHW, XHHW

Notes:

1. **200A Services**

   Overhead

   All conductors (*service entrance conductors*) in and out of self-contained meter bases shall be a single copper conductor. Parallel conductors are not allowed.

   Underground

   All conductors (*service entrance conductors*) out of self-contained meter bases shall be a single copper conductor. Parallel conductors are not allowed.

2. **Over 200A Services**

   Overhead

   All conductors (*service entrance conductors*) in and out of disconnect switch shall be copper conductor. Parallel conductors are allowed.

   Underground

   All conductors (*service entrance conductors*) out of disconnect switch shall be copper conductor. Parallel conductors are allowed.

3. The service entrance neutral conductor shall be sized no smaller than two sizes less than the phase conductors. However, at no time shall the service entrance neutral conductor be less than #6 copper. Example: A #2 copper service entrance neutral conductor can be used with a #1/0 copper service entrance phase conductor.

4. Any multi-conductor connections to a single pole made within a disconnect switch must include a multi-conductor lug. More than one conductor connected within a single lug will not be allowed.