



Table 1

Wire Application		
Wire Type	Stock #	Application
#4 Bare Copper-Clad Steel	0100-004386	General Pole Ground
2/0 Bare Copper-Clad Steel	0100-004392	Pole Ground for GOLB Switches, SCADA-Mate Switch, 750 kcmil Risers and Regulator Banks
#2 Insulated Copper	6145-001290	Pole Ground for Reclosers Including Intellirrupter

Table 2

Wire and Staple Requirements		
Pole Height	Ground Wire	Staples
35'	25'	50
40'	30'	54
45'	35'	56
50'	40'	58

NOTES

- (1) Staple ground wire to pole on 3" centers under 10' and 18" centers above 10'.
- (2) NESC Rules: 93 D1, 94 B3a, 96 A3, and 239C.
- (3) This assembly is required at:
 - a. All equipment poles such as transformers, capacitors primary risers and switches.
 - b. All guyed poles
 - c. Additional poles so that the line has at least four grounds per mile.
- (4) Caution; If rod cannot be installed as shown due to rock near the surface, see Page 2.

REFERENCES

- (1) See DS-18-99.0 Ampact Wire Chart

Material List			
Item	Quan.	Description	Stock #
A		Conductors - See Tables 1 and 2	
B		___Staples	5315-
C	1	5/8" x 8' Ground Rod	5975-258368
D	1	5/8" Ground Rod Clamp	5935-232
E	1	___Line Tap	DS-18-99.0

Ground Assembly