



TABLE 1

TRANSFORMER kVA	ALLOWABLE SERVICE CABLES PER LEG	SECONDARY CONNECTOR TEC NO.	CABLE RANGE CU OR AL
25 THRU 75	6	2004948	#10-350 kCMIL
	6	2004954	#6-500 kCMIL
	6	2004902	1/0-750 kCMIL
	8	2004950	#6-250 kCMIL
	8	2004904	#6-500 kCMIL
100 AND 167	6	2004952	#2-500 kCMIL
	6	2004901	1/0-750 kCMIL
	8	2004903	#2-500 kCMIL
250	6	2004941	1/0-750 kCMIL

NOTES:

1. CONCRETE PAD AND ITS LOCATION WILL BE SPECIFIED BY TAMPA ELECTRIC CO.
2. LOCATION OF PAD-MOUNT TRANSFORMERS MUST MEET THE LOCATION REQUIREMENTS FOR OIL FILLED EQUIPMENT (SEE 7.39).
3. ALL CUSTOMER-OWNED CONDUITS SHALL STUB UP BETWEEN 1" AND 3" ABOVE PAD WINDOW. BEGIN INSTALLING CONDUIT FROM THE RIGHT REAR OF THE WINDOW.
4. TAMPA ELECTRIC CO. WILL MAKE ALL SECONDARY CONNECTIONS.
5. SECONDARY CONNECTORS FOR SPECIFIC WIRE SIZES ARE LISTED IN THE TABLE AND SUPPLIED BY TAMPA ELECTRIC CO., ANY OTHER CONNECTOR MUST BE APPROVED BY TAMPA ELECTRIC CO.. FOLLOWING APPROVAL, THE CUSTOMER SHALL PROVIDE THE CONNECTORS AND ONE SET OF SPARES TO TAMPA ELECTRIC CO. FOR INSTALLATION.
6. WHEN THE NUMBER OF SECONDARY CABLES EXCEED TABLE 1, A PAD-MOUNT SECONDARY CABINET WILL BE REQUIRED (SEE 7.28).
7. A SINGLE SERVICE SHALL NOT BE GREATER THAN 1,200 AMPERES CONTINUOUS LOAD. CONTACT DISTRIBUTION ENGINEERING FOR LARGER SERVICES.

◀ DENOTES LATEST REVISION

**REQUIREMENTS FOR SINGLE-PHASE
URD PADMOUNT TRANSFORMER INSTALLATIONS**

TAMPA ELECTRIC COMPANY	STANDARD ELECTRICAL SERVICE REQUIREMENTS	DISTRIBUTION ENGINEERING 2200 E. SLIGH AVE TAMPA FL. 33610 PH. - (813) 275-3053	7.26
		DATE EFFECTIVE: 2-11-16	