

SECTION 26 22 13 - TRANSFORMERS

PART I - GENERAL

1.1 GENERAL

- A. For power distribution transformers requirements, see *Section 26 11 16 - Secondary Unit Substations*.
- B. Manufacturers: Eaton, GE or Square D.

PART 2 - PRODUCTS

2.1 [Note to PSC: PROCEDURE TO ESTABLISH TRANSFORMER CAPACITY

- A. *Occupancy Type: Unit loads per square feet shall be based on the type of occupancy and use in accordance with Table 220 3(a) of the National Electrical Code as a minimum standard.*
- B. *General Lighting: 100% demand factor shall be used for all general lighting.*
- C. *Receptacle Loads: Demand factor for receptacle loads shall be applied with consideration for the type of usage.*
- D. *Future Growth: Total KVA demands shall be increased 25 percent for reasonable future growth and subsidiary loads.*
- E. *Review Load Calculations: Review the load calculations data and transformer KVA capacities with the Owner before proceeding with final design layouts.*
- F. *Power Load Demands: Power load demands shall be studied for each individual building condition and applied to the total building transformer demand.]*

PART 3 - EXECUTION

3.1

END OF SECTION 26 22 13

This section of the *U of I Facilities Standards* establishes minimum requirements only.
It should not be used as a complete specification.