

Dwelling Unit Load

1- General Lighting Load SqFt. x 3va, 1st 3,000VA = 100% , 3,001v-a-120,000va =35%, 120,001+= 25% **220.45**

2-Small Appliance & Laundry =4500va **220.52**

3-Add 1&2

4-Heat & AC Keep larger, omit smaller. **220.60**

5-Appliance Load 75% for 4 or more fixed appliances. **220.53**

6-Dryer 5000va or Nameplate rating. **220.54**

7- Demand for Cooking Equipment 8000kv between 3.5kw-12kw.
Smaller use nameplate. Larger 5% per kw higher **220.55**

8-Largest motor The largest motor is 125% of FLC. Not AC unless its larger than heat. **FLC 430.248**

Size service by Dividing the total by the voltage(240). Apply table **310.12(A)**

Size Grounding Electrode Conductor**250.66**

General Commercial Lighting & Recepticle Loads

1- General Lighting Demand Factor as per Table **220.45**

****2-**



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