



Load Calculations

Issued by: *Eric M Mays, P. E.*

Building Official

Effective: December 13, 2006

Revised: July 1, 2009

Purpose

The purpose of this policy is to establish the requirements for the submission and approval of Electrical Load Calculations to ensure the electrical service is adequate for the actual electrical loads. This policy applies to new residential construction and renovations/additions meeting the following criteria:

1. Proposed or Existing House Size \geq 7,500 SF; and
2. Proposed or Existing Electrical Service Size \leq 200 Amps; and
3. Proposed or Existing HVAC System \geq 2 Zones.

The Electrical Load Calculation is to be submitted as part of the plans submitted for review and approval. The Electrical Load Calculation is to be: submitted in duplicate; dated and signed by the Master Electrician; and certified by the Master Electrician as being in compliance with the National Electrical Code, Article 220.

The approved Electrical Load Calculation shall be incorporated into the approved plans prior to the issuance of an Electrical Permit. However, if an Electrical Load Calculation is not incorporated into the approved plans, the County Inspector has the authority to require an Electrical Load Calculation.