**Definition of Terms/Concepts**

- **“Title-24” Standards:**
  - dictated by California Energy Commission
  - **Building Envelope constraints:**
    - insulation types and performance
    - glazing types and performance
    - infiltration
  - **Lighting system constraints:**
    - lighting levels (footcandles, lumens, watts per sq. ft.)
    - fixture performance
    - use of "day-lighting" and occupancy sensors

- **“Title-24” Standards**
  - **HVAC System constraints:**
    - need to justify sizing of proposed new equipment via load calculations
    - efficiency rating of heating/cooling equipment (minimum levels of EER, AFUE, COP)
    - establishes standards for duct/pipe insulation
    - establishes ventilation rates for building occupants
    - automatic control and shutdown of equipment
    - need for “air-side” economizers on larger systems
    - regulates use of electric resistance heat