

# 2008 NonResidential Energy Plan Review Checklist: Newly Constructed Buildings

CALIFORNIA  
ENERGY  
COMMISSION

Was the correct compliance software used? (Performance Only)	Yes	No	N/A
Energy Pro version 5.0			
Perform 2008			
eQuest version 3.64			
Does the building "Comply" according to the PERF-1 Form (Performance Only)			
Are the Certificate(s) of Compliance and the PERF-1 Form(s) (Performance Only) filled out correctly and included on the plans?			
PERF-1 (Performance Only)			
ENV-1C			
LTG-1C			
MECH-1C			
OLTG-1C			
SLTG-1C			
RWH-1C			

Does the Energy Compliance Documentation match the plans?	Yes	No	N/A
<b>Envelope – Is the Mandatory Measures note block on the plans?</b>			
Were all applicable forms submitted?			
Are all appropriate Acceptance Tests checked <b>AND</b> Fenestration products requiring verification identified on the Certificate of Compliance?			
Do all pages have the same run number and date? (Performance Only)			
Insulation for walls, ceilings, and floors (from Reference Joint Appendix JA4)			
Number of windows, window area, and their orientation			
U-factor and SHGC values for fenestration			
Exterior shading devices (i.e. overhangs, fins, exterior shades)			
Cool Roof values (Solar Reflectance and Thermal Emittance)			
<b>Mechanical – Is the Mandatory Measures note block on the plans?</b>			
Were all applicable forms submitted?			
Are all appropriate Acceptance Tests checked <b>AND</b> Equipment/Controls requiring testing identified on the Certificate of Compliance?			
Do all pages have the same run number and date? (Performance Only)			
Efficiencies and capacities of HVAC equipment			
Thermostat and Controls			
Ventilation and Ventilation Rates (cfm)			
Duct Insulation			
Pipe Insulation			
Service Hot Water Equipment			
Pool and Spa Equipment			

	Yes	No	N/A
<b>Indoor Lighting – Is the Mandatory Measures note block on the plans?</b>			
Were all applicable forms submitted?			
Are all appropriate Acceptance Tests checked <b>AND</b> Controls requiring testing identified on the Certificate of Compliance?			
Do all pages have the same run number and date? (Performance Only)			
LPDs (watts per square foot)			
Area Controls			
Multi-Level Lighting Controls			
Daylight Area Controls			
Automatic Daylighting Controls			
Shut-off controls			
Demand Responsive Lighting Controls			
<b>Outdoor Lighting – Is the Mandatory Measures note block on the plans?</b>			
Were all applicable forms submitted?			
Are all appropriate Acceptance Tests checked AND Controls requiring testing identified on the Certificate of Compliance?			
Outdoor Lighting Zone			
Automatic Shut-off Controls			
Automatic Multi-level Lighting Controls			
LPDs (watts per square foot)			
Lamp Efficacy			
Cutoff Luminaires			
<b>Sign Lighting – Is the Mandatory Measures note block on the plans?</b>			
Were all applicable forms submitted?			
Automatic Time Switch Controls			
Photocontrol or Astronomical Time Switch Controls			
Dimming Controls			
Electronic Message Center (EMC) Controls			
LPDs (watts per square foot) OR meets Alternative Lighting Sources Requirements			
<b>Refrigerated Warehouses – Is the Mandatory Measures note block on the plans?</b>			
Were all applicable forms submitted?			
Insulation for Walls, Ceilings, and Floors			
Underslab Heating			
Evaporators			
Compressors			
Condensers			