

Application Phase					
		Analysis Software	Submission Documents	Document Descriptions	TCAC Scoring Criteria
New Construction	Low-rise	Energy Pro or Micropas Residential T-24 compliance *	CF-1R: Certificate of Compliance- Residential and .bld or .mp8 file	The CF-1R summarizes the minimum energy performance specifications needed for compliance, including the results of the heating and cooling load calculations. The Standards require that a certificate of compliance be included on the plans. CEC approved performance ACM software automatically generates CF-1R forms.	CF1R Percent better than standard (T-24)
New Construction	High-Rise	Energy Pro Non-Residential T-24 compliance *	Non-Residential Performance T-24 Form (PERF-1C) and .bld file	The PERF-1C summarizes the minimum energy performance specifications needed for compliance, including the results of the heating and cooling load calculations.	PERF-1C Percent better than standard (T-24)
			Other applicable compliance forms, as needed	Other compliance forms may be required depending upon the specific measures in your project. Please refer to the Nonresidential Compliance Manual, Appendix A (http://www.energy.ca.gov/2008publications/CEC-400-2008-017/rev1_appendices/NRCM_Appendix_A.pdf)	
Rehabs	Low-Rise	EnergyPro (Residential Performance)	ECON-2 and .bld file	ECON-2 summarizes the TDV and the recommended measures. If a two model approach is taken submission should include 2 ECON-2's and 2 .bld files. The .bld files are for TCAC QA review purposes.	ECONn 2 improvement in TDV (ktbu/sq ft/yr)
			Audit Report (HERCC Protocols)**	Audit report showing estimated energy consumptions with existing measures and proposed improvements.	
			Project Plans for existing conditions	Documentation showing project title, address, developer, and building plans. Building plans for existing conditions should have unit and floor plans, elevation views, dimensions and window callouts. Plans are not required for the proposed condition at this stage.	
Rehabs	High-Rise	EnergyPro (Non-Res Performance)	ECON-2 and .bld file	ECON-2 summarizes the kWh and therms of the model. If a two model approach is taken submission should include 2 ECON-2's and 2 .bld files. The .bld files are for TCAC QA review purposes.	ECON 2 Improvement in annual total therm and kWh (Auditor to convert values to combined annual btus to show improvement in kbtu/yr)
			Audit Report (HERCC Protocols)**	Audit report showing estimated energy consumptions with existing measures and proposed improvements.	
			Project Plans for existing conditions	Documentation showing project title, address, developer, and building plans. Building plans for existing conditions should have unit and floor plans, elevation views, dimensions and window callouts. Plans are not required for the proposed condition at this stage.	
All Projects			CalGreen	CalGreen Mandatory Measures Checklist	Mandatory Measure Checklist
For All Projects Going through Green Building Rating Programs (Application Phase)					
			<u>Rating System</u>	<u>Submission Document</u>	
			GreenPoint Rating	Initial Green Point Rating Checklist	
			LEED	Initial LEED Checklist	
			Enterprise Green Communities	Initial Green Communities Checklist	

As-Built/Placed-in-Service Phase					
		Analysis Software	Submission Documents	Document Descriptions	TCAC Scoring Criteria
New Construction	Low-rise	Energy Pro or Micropas Residential T-24 compliance *	"As-built" (PIS) CF-1R: Certificate of Compliance-Residential <i>and</i> .bld or .mp8 file	The CF-1R forms at Placed in Service must reflect the (<i>as-built</i>) test-out conditions. The CF-1R summarizes the minimum energy performance specifications needed for compliance, including the results of the heating and cooling load calculations. The Standards require that a certificate of compliance be included on the plans. CEC-	CF1R Percent better than standard (T-24)
			Project Plans	Documentation showing project title, address, developer, and building plans. Building plans should have unit and floor plans, elevation views, dimensions and window callouts. Plan set should also include, Mechanical, Electrical, Plumbing, and Landscape plans.	
			Equipment Specifications	Specifications for the installed equipment showing mechanical/HVAC efficiencies (SEER, EER, AFUE, and/or HSPF), duct insulation, window specifications (U-factor and SHGC), and water heater properties (size in gallons, fuel type, and energy factor).	
			Bills of lading for the appliances	Delivery verification of appliances to the project address. Invoices specifying the appliances and the project are also acceptable.	
New Construction	High-Rise	Energy Pro Non-Residential T-24 compliance*	"As-built" (PIS) Non-Residential Performance T-24 Form (Perf-1C) <i>and</i> .bld file	The PERF-1C forms at Placed in Service must reflect the (<i>as-built</i>) test-out conditions. The Perf-1C summarizes the minimum energy performance specifications needed for compliance, including the results of the heating and	Perf-1C Percent better than standard (T-24)
			Project Plans	Documentation showing project title, address, developer, and building plans. Building plans should have unit and floor plans, elevation views, dimensions and window callouts. Plan set should also include, Mechanical, Electrical, Plumbing, and Landscape plans.	
			Equipment Specifications	Specifications for the installed equipment verifying mechanical/HVAC efficiencies (SEER, EER, AFUE, and/or HSPF), duct insulation, window specifications (U-factor and SHGC), and water heater properties (size in gallons, fuel type, and energy factor).	
			Bills of lading for the appliances	Delivery verification of appliances to the address of the project. Invoices specifying the appliances and the project are also acceptable.	
Rehabs	Low-Rise	EnergyPro (Residential Performance)	"As-built" (PIS) ECON-2 <i>and</i> .bld file	ECON-2 summarizes the TDV and the recommended measures. If a two model approach is taken submission should include 2 ECON-2's and 2 .bld files. The .bld files are for TCAC QA review purposes. The ECON-2 forms at Placed in Service must reflect the " <i>as-built</i> " test-out conditions. <u>The consultant preparing the "<i>as-built</i>" energy model shall meet the minimum qualifications and be responsible for</u>	Econ 2 improvement in TDV (ktbu/sq ft/yr)
			Summary of installed measures & statement of completion	This summary will include the list of all measures that installed and verified and the final total energy savings projections based on test-out conditions.	
			Project Plans	Documentation showing project title, address, developer, and building plans. Building plans should have unit and floor plans, elevation views, dimensions and window callouts. Plan set should also include, Mechanical, Electrical, Plumbing, and Landscaping plans.	
			Equipment Specifications	Specifications for the installed equipment verifying mechanical/HVAC efficiencies (SEER, EER, AFUE, and/or HSPF), duct insulation, window specifications (U-factor and SHGC), and water heater properties (size in gallons, fuel type, and energy factor).	
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			Summary of installed measures & statement of completion	This summary will include the list of all measures that installed and verified and the final total energy savings projections based on test-out conditions.	
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All Projects		CalGreen	CalGreen Mandatory Measures Checklist	Mandatory Measure Checklist	
For All Projects Going through Green Building Rating Programs (Application Phase)					
		Rating System	Submission Document		
		GreenPoint Rating	Green Point Rating Label		
		LEED	LEED Label		
		Enterprise Green Communities	Green Communities Label		

* Or other CEC approved compliance program

**Audit report shall be per MF HERCC protocol or official whole-building performance based program including Utility, Weatherization Assistance Program, Local Government or GreenPoint Rated Existing Home Mul