Comparison of ASHRAE Level I, II, III Energy Audits and the Clean Energy Communities (CEC) Energy Studies

Process	I	I+ CEC Energy Study	II	III
Conduct Preliminary Energy Analysis (PEA)	●	●	●	●
Conduct walk-through survey	●	●	●	●
Identify low-cost/no-cost recommendations	●	●	●	●
Identify capital improvements	●	●	●	●
Review M&E design, condition and O&M practices			●	●
Measure key parameters			●	●
Analyze capital measures (savings & costs)		●		●
Analyze capital measures (including interaction)			●	●
Discuss and review recommendations with owners/operators		●	●	●
Conduct additional testing/monitoring				●
Perform detailed system modeling				●
Provided schematic layouts for recommendations				●
Report	I	I+ CEC Energy Study	II	III
Estimate savings from utility rate change	●	●	●	●
Compare EUI to that of similar sites	●		●	●
Summarize utility data	●	●	●	●
Estimate savings if EUI met target			●	●
Estimate low-cost / no-cost savings		●	●	●
Perform detailed end-use breakdown		●	●	●
Estimate capital project costs and savings		●	●	●
Complete building description and equipment inventory		●	●	●
General description of considered measures		●	●	●
Recommended M&V method			●	●
Financial analysis of recommended EEMs		●	●	●
Description of recommended measures		●	●	
Detailed description of recommended measures				●
Detailed EEM cost estimates				●