

# CABEC Acronyms

---

ACCA – Air Conditioning Contractors of America (usually refers to duct design here)

ACH / ACH50 Air changes per hour (at a pressure difference of 50 Pa)

ACM – Alternative Calculation Method

AFUE – Annual Fuel Utilization Efficiency (FAU rating)

AHU – Air Handling Unit

ASHRAE – American Society of Heating, Refrigeration, and Air conditioning Engineers

C&S – Codes and Standards

CAHP – California Advanced Homes Program

CALBO – California Association of Building Officials

CalCerts – HERS provider

CBECC – California Building Energy Code Compliance (state provided compliance software)

CEA – Certified Energy Analyst

CEC – California Energy Commission

CEPE – Certified Energy Plans Examiner

CFM – Cubic Feet per Minute

CHEERS – HERS Provider

CLTC – California Lighting Technology Center

CMU – Concrete Masonry Unit

COP – Coefficient of Performance

CPUC – California Public Utilities Commission

CRRC – Cool Roof Rating Council

CSG – Conservation Services Group

DHW – Domestic Hot Water

E+A – Existing plus Addition

EER – Energy Efficiency Rating

Envelope – The outside of the building: walls, floor, and ceiling including doors and windows.

ESMH – Energy Star for Manufactured Housing program

FAU – Forced Air Unit (heater)

FTC – Federal Tax Credit

HERS – Home Energy Rating System

HVAC&R – Heating, Ventilation, Air Conditioning, and Refrigeration

IAQ – Indoor Air Quality

IECC – International Energy Conservation Code

IEER – Integrated Energy Efficiency Rating

IES – Integrated Environmental Solutions

JA – Joint Appendix

LEED – Leadership in Energy and Environmental Design

LPD – Lighting Power Density

NFRC – National fenestration rating council

NSHP – New Solar Homes Program

NSG / NTG – No solar gains / No thermal gains

O.C. – on center

Plant – Machinery used within a building, usually the hot water system.

PV – Photo Voltaic (solar)

QA – Quality Assurance

R value – Insulation resistance to heat transfer

Resnet – Federal home ratings and audits

SDG&E – San Diego Gas and Electric

SEER – Seasonal Energy Efficiency Rating

SEMPRA – Utilities holding company, based in San Diego

SHGC – Solar Heat Gain Coefficient (for windows)

SIPS – Structural Insulated Panel (wall type)

TCAC – Tax Credit Allocation Committee

TDV – Time Dependent Valuation of energy

TRC – an engineering consulting company

U factor – rate of heat transfer through a window

USGBC – U.S. Green Build Council

ZNE – Zero net energy