

BSR/ASHRAE Standard 228P, Standard Method of Evaluating Zero Energy Building Performance

PURPOSE: This standard sets requirements for evaluating whether a building or group of buildings meets a definition of “zero energy”. It provides a consistent method of expressing qualifications for zero energy buildings associated with the design of new buildings and the operation of existing buildings.

SCOPE:

2.1 This standard covers:

- a. existing buildings, new buildings, groups of buildings, or portions of buildings;
- b. determination, including calculation methodology, and expression of the building(s) zero energy status using performance metrics defined in ASHRAE Standard 105, “Standard Methods of Determining, Expressing, and Comparing Building Energy Performance and Greenhouse Gas Emissions” or by the authority having jurisdiction;
- c. transportation within the zero energy building or group of buildings; and
- d. plug loads for electric vehicles.

2.2 The provisions of this standard do not apply to:

- a. Establishment of building energy performance goals or limits
- b. Design guidance or design requirements
- c. Embodied energy of building materials and systems, and
- d. Transportation to and from a building such as services and business travel.