

City of Scottsdale

International Green Construction Code (IgCC)

Development Review (DR) Checklist

rev. 4-13-20



This is an abbreviated checklist for IgCC compliance measures that need to be addressed during the DR process. Please refer to the building plan review checklist for complete IgCC compliance requirements.

1. HEAT ISLAND MITIGATION

- Not less than 50 percent of site hardscape shall be provided with one or any combination of the following options: 1) hardscape materials with an initial solar reflectance value of not less than 0.30; 2) shading structures; 3) shading by trees; 4) pervious paving, open-grid pavers, and/or open-graded aggregate (stabilized decomposed granite).

2. ENERGY COMPLIANCE PATH

- Performance-based compliance (required when total vertical fenestration is $\geq 40\%$)
 - Submit preliminary energy performance modeling analysis in accordance with 2015 IgCC Section 602
- Prescriptive-based compliance (allowed when total vertical fenestration is $< 40\%$)
Comply with mandatory and prescriptive requirements in the 2015 IgCC.

2. ONSITE RENEWABLE ENERGY SYSTEM

- Design for on-site renewable energy system (solar PV or service hot water) that provides not less than 3% of the projected annual energy for building operation including mechanical, service water heating and lighting in accordance with IgCC Section 610.1. Also, see Scottsdale Commercial Solar Design Guidelines regarding solar panel placement.

3. REFUSE AND RECYCLING COLLECTION

- Locate and design for refuse and recycling enclosure in accordance with Design Standards and Policies Manual (DSPM) Section 2-1.309.
- For multi-family residential, provide not less than two 7-gallon minimum pull-out bins for recycling and trash as part of kitchen base cabinets. Allocate common area locations for collection and storage of materials via trash/recycling chutes, trash/recycling rooms and site refuse/recycling pick-up.
- Provide built-in or pull-out recycling containers in mailrooms, breakrooms and common kitchen/kitchenette areas. Allocate location(s) for collection, storage and pickup of materials.

More Information:

Scottsdale's Commercial Green Construction Code link –
<https://www.scottsdaleaz.gov/green-building-program/green-codes>

IgCC document link - <https://codes.iccsafe.org/public/document/IgCC2015>