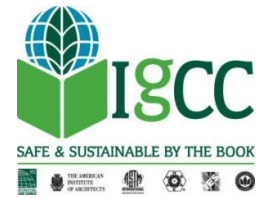


# City of Scottsdale 2021 International Green Construction Code (IgCC)



## Development Review (DR) Site Checklist

rev. 10-20-23

This is an abbreviated checklist for IgCC compliance measures that need to be addressed during the planning and DR process.

### 1. HEAT ISLAND MITIGATION

- Not less than 50 percent of site hardscape shall be provided with one or any combination of the following options: **(a)** shading by trees; **(b)** hardscape materials with an initial solar reflectance value of not less than 29; **(c)** open-graded (uniform-sized) aggregate; permeable pavement; permeable pavers, porous pavers (open-grid pavers); **(d)** shading structures; and/or **(e)** parking under a building, in accordance with 2021 IgCC Section 501.3.5.1.

### 2. ELECTRIC VEHICLE CHARGING INFRASTRUCTURE

| <input type="checkbox"/> Occupancy Group          | Min. number of <i>EV Installed Spaces</i> <sup>a</sup>   | Min. number of <i>EV Capable Spaces</i> <sup>a</sup> |
|---|--|--|
| R-1 (hotels, motels) and R-2 (apartments, condos) | 4% of total required parking spaces  | 20% of total required parking spaces                 |
| A, B, E, F, I, M, and S                           | 4% of total required parking spaces or not less than 8% of designated employee only parking spaces | 10% of total required parking spaces                 |

<sup>a</sup> Parking spaces designated for other than passenger vehicles may be excluded from the number of parking spaces used to calculate the minimum number of EV spaces.

### 3. ENERGY COMPLIANCE PATH

- Prescriptive-based compliance (allowed when total vertical fenestration is  $\leq 40\%$ )
  - Comply with mandatory and prescriptive requirements in 2021 IECC or ASHRAE 90.1-2019
- Performance-based compliance (required when total vertical fenestration is  $\geq 40\%$ )
  - Submit preliminary energy performance modeling analysis in accordance with 2021 IECC Section C407, ASHRAE 90.1-2019 Chapter 11 or Appendix G.

### 4. ONSITE RENEWABLE ENERGY SYSTEM

- Design for on-site renewable energy system (solar PV) that provides not less than 3% of annual estimated energy used for building mechanical, service water heating and lighting or not less than 2 watts per sq. ft. multiplied by the gross roof area, in accordance with IgCC amended Section 701.3.

### 5. REFUSE AND RECYCLING COLLECTION

- Site location for refuse/recycling pick up shall be identified (IgCC 901.3.4.1).

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