

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 following options: **(a)** trees that provide required shade no later than 10 years after project completion; **(b)** hardscape materials with an initial solar reflectance value of 29 or more (new concrete has value of 35); **(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, per IgCC Section 501.3.5.1.

2. ELECTRIC VEHICLE CHARGING INFRASTRUCTURE FOR LEVEL 2 CHARGING

| Occupancy Group | Min. number of <i>EV Installed Spaces</i> | Min. number of <i>EV Capable Spaces</i> |
|---|--|---|
| 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 |

EV capable space is defined as a designated parking space provided with electrical raceway and electrical service capacity to support future EV charging.

EV installed space is defined as a designated parking space with dedicated electric vehicle supply equipment. NEMA 14-50 electrical outlets will satisfy this requirement.

3. ENERGY COMPLIANCE PATH

Prescriptive-based compliance (allowed when total vertical fenestration is $\leq 40\%$)

Performance-based compliance (required when total vertical fenestration is $\geq 40\%$)

4. ONSITE RENEWABLE ENERGY SYSTEM

Identify area for on-site solar photovoltaic (PV) system with a total rated capacity of not less than 3% of annual estimated building energy use or not less than 2 watts per sq. ft. of the gross roof area over conditioned space (IgCC amended Section 701.3).

- Exceptions: 1) Buildings with a gross conditioned floor area less than 5,000 sq. ft. or 2) Buildings with a minimum 20% estimated annual savings calculated using the total building performance compliance path in accordance with Section C407 of the City Energy Code (IECC).

5. REFUSE AND RECYCLING COLLECTION

Identify site location for refuse/recycling pick up (IgCC 901.3.4.1).

Scottsdale's Building Code Information

<https://www.scottsdaleaz.gov/codes-and-ordinances/building-codes>