

City of Scottsdale
TOP 10 GREEN CONSTRUCTION CODE PROVISIONS
2021 International Green Construction Code (IgCC)

Effective date - 07/01/23

Top 10 IgCC (2021) Commercial Green Construction Code

1. Heat island mitigation for new hardscapes (e.g., black asphalt parking lots) with shade or light-colored paving surfaces (min. SRI of 29) (501.3.5.1)
2. Electric vehicle charging infrastructure for non-residential buildings consisting of both installed chargers and reserved breaker spaces with conduit runs (amended 501.3.7.3)
3. Site water use reduction (601.3.1)
 - Irrigation system design (amended 601.3.1.2.1) and irrigation controllers (amended 601.3.1.2.2)
4. Building water use reduction (601.3.2)
 - Water efficient plumbing fixtures and fittings including amended water-bottle filling stations (601.3.2.1)
 - ENERGY STAR appliances including clothes washers and dishwashers (601.3.2.2)
 - Water efficient HVAC systems and equipment (601.3.2.3) and commercial food service equipment (601.3.2.5)
 - Water softeners (601.3.6) and reverse osmosis water treatment systems (601.7)
5. On-site renewable energy with exception for equivalent annual energy savings (701.3)
6. Improved indoor environmental quality using low-emission interior paints, coatings, adhesives, sealants, flooring, composite wood products, and acoustical tiles (801.4.2)
7. Construction waste management consisting of minimum 50% diversion of nonhazardous construction, demolition, or deconstruction waste material from disposal in landfills through reuse, recycling, repurposing and/or composting (901.3.1.1)
8. Dedicated collection and storage areas for recycling, including paper, corrugated cardboard, glass, plastics, and metals. Mailrooms, breakrooms, and kitchen/kitchenette areas provided with built-in or pull-out recycling containers. Site location allocated for refuse/recycling pick up (amended 901.3.4.1).
 - Multifamily *dwelling units* provided with kitchen cabinet pull-out compartment containing no less than two bins, each with a capacity of at least 7-gallons, for collection of trash and recyclable materials. Separate trash and recycling chutes for multifamily buildings 4 or more stories. Space allocated for central collection of refuse and recyclable materials for pick up. (901.3.4.3)
9. Reduced impact building materials using recycled content materials (e.g. steel), regional materials (e.g. concrete, masonry), biobased materials (e.g. certified sustainable wood) and environmental product declarations (impact evaluation) (901.4.1)
10. System commissioning for mechanical, service water heating and lighting systems in accordance with (amended IECC C408.2)