

Electrical Contractor Best Practices Checklist

As a contractor on an applicable Iowa Economic Development Authority assisted project, you are expected to implement best practices identified in the [Iowa Green Streets Criteria](#). Here are key strategies and best practices expected to be implemented in this project. As an electrical contractor you should also familiarize yourself with the best practices checklists for all other trades including HVAC, plumbing, site, and general contractor. See section 5 of the [Iowa Green Streets Criteria](#) for full details.

- Lighting:** LED fixtures only. All recessed light fixtures must be Insulation Contact Air-Tight models.
- Thermostat:** Programmable or Smart, Coordinate with HVAC Contractor
- Occupancy/Motion Sensor Switches:** Consider installing occupancy/motion sensor switches where applicable.
- Photovoltaic / Solar Hot Water Ready:** Consider Wiring/Plumbing Development for Future Installation

The Iowa Green Streets Criteria promote public health, energy efficiency, water conservation, smart locations, operational savings and sustainable building practices. Benefits include improved energy performance and comfort, a healthier indoor environment, increased durability of building components, and simplified maintenance requirements that can lead to financial efficiencies for property managers and owners.

The Criteria follows closely the Enterprise Green Communities Criteria used in 22 states and nearly 50,000 homes and apartments. Enterprise's project pipeline includes projects that through implementing a robust integrative design approach met the criteria at no additional cost. In a 2012 study, Enterprise found a median 2% increase to total development cost. The average project achieved lifetime utility savings with a simple payback of 5.59 years.

Questions relating to the Green Streets Criteria should be directed to Jeff Geerts, Iowa Economic Development Authority Special Projects Manager, Jeff.Geerts@iowaeda.com or 515.348.6211.