

A106.16 Green power purchases. Projects that sign up for at least 50 percent green power for a minimum of 5 years of modeled design energy consumption or at least 8 kWh/sf/year shall receive one project elective.

An additional project elective will be received for projects that sign up for 100 percent and Green-e certified green power for 5 years of modeled design energy consumption or at least 16 kWh/sf/year.

SECTION A107 WATER RESOURCE CONSERVATION AND EFFICIENCY

A107.1 Indoor water use. This section contains project electives related to indoor water use.

A107.2 Onsite waste water treatment project elective. Where projects are intended to qualify for an onsite waste water treatment project elective in accordance with Section A107.2, all waste water from the building shall be treated to meet the quality requirements appropriate for its intended use and as required by law.

A107.3 Alternate onsite nonpotable water for outdoor hose connections project elective. Where projects are intended to qualify for an alternate onsite nonpotable water for outdoor hose connections and irrigation project elective in accordance with Section A107.3, sillcocks, hose bibs, wall hydrants, yard hydrants, and other outdoor outlets or any connection used for irrigation shall be supplied by nonpotable water providing 50 gallons (189 L) of storage per 250 square feet (23.2 m²) of landscaping. Any irrigation system for the project *site* shall be controlled by a qualifying smart controller that uses evapotranspiration (ET) and weather data to adjust irrigation schedules or an on-site rain or moisture sensor that automatically shuts the system off after a predetermined amount of rainfall or sensed moisture in the soil. Qualifying smart controllers shall be tested in accordance with IA *SWAT* Climatological-Based Controllers 8th Draft Testing Protocol. Smart controllers that use *ET* shall use the following inputs for calculating appropriate irrigation amounts:

- a. Irrigation adequacy—80 percent minimum *ETc*.

- b. Irrigation excess—not to exceed 10 percent.

Exception: A temporary potable water irrigation system used exclusively for the establishment of new landscape shall be exempt from this requirement. Temporary potable water irrigation systems shall be removed or permanently disabled at such time as the landscape establishment period has expired.

Projects shall have a minimum of 3 percent of site covered in landscaping to achieve the elective. Intensive green roofs or roof portions are allowed to count towards this credit. Extensive green roofs are not allowed to count towards this elective.

A107.4 Alternate onsite nonpotable water for plumbing fixture flushing water project elective. Where projects are intended to qualify for an *alternate onsite nonpotable water* for plumbing fixture flushing project elective in accordance with Section A107.4, nonpotable water shall be used for flushing water closets and urinals.

A107.5 [Reserved]

A107.6 [Reserved]

A107.7 Alternate onsite nonpotable water for industrial process makeup water project elective. Where projects are intended to qualify for an *alternate onsite nonpotable water* for industrial process makeup water project elective in accordance with Section A107.7, industrial processes requiring makeup water shall utilize nonpotable water except where the process requires potable water for proper functioning.

A107.7.1 Signage. Rooms containing process equipment supplied with nonpotable water shall be provided with signage in accordance with Section 706.2.

A107.8 Alternate onsite nonpotable water for cooling tower makeup water project elective. Where projects are intended to qualify for an *alternate onsite nonpotable water* for cooling tower makeup water project elective in accordance with Section A107.7, nonpotable water shall be utilized for cooling tower makeup water in accordance with the requirements of Section 703.7.

A107.9 Graywater collection project elective. Where projects are intended to qualify for a graywater collection project elective in accordance with Section A107.8, waste water

TABLE A107
WATER RESOURCE CONSERVATION AND EFFICIENCY PROJECT ELECTIVES

SECTION	DESCRIPTION	MINIMUM NUMBER OF ELECTIVES REQUIRED AND ELECTIVES SELECTED
A107.2	Onsite waste water treatment	<input type="checkbox"/> Yes <input type="checkbox"/> No
A107.3	Alternate onsite nonpotable water for outdoor hose connections and irrigation	<input type="checkbox"/> Yes <input type="checkbox"/> No
A107.4	Alternate onsite nonpotable water for plumbing fixture flushing	<input type="checkbox"/> Yes <input type="checkbox"/> No
A107.7	Alternate onsite nonpotable water for industrial process makeup water	<input type="checkbox"/> Yes <input type="checkbox"/> No
A107.8	Alternate onsite nonpotable water for cooling tower makeup water	<input type="checkbox"/> Yes <input type="checkbox"/> No
A107.9	Graywater collection	<input type="checkbox"/> Yes <input type="checkbox"/> No
A107.10	Condensate drainage recovery	<input type="checkbox"/> Yes <input type="checkbox"/> No
A107.11	Wet-hood exhaust scrubber system	<input type="checkbox"/> Yes <input type="checkbox"/> No