| v4 - LEED v4

Efficient domestic hot water equipment

Possible 3 points

Glossary

Intent

To reduce the energy consumption associated with domestic hot water by improving the efficiency of the water heater.

Requirements

Install an ENERGY STAR–qualified water heater (1 point), or install a solar water heater that, in combination with an ENERGY STAR water heater, meets at least 40% (2 points) or 60% (3 points) of the annual domestic hot water (DHW) load (Table 1).

Table 1. Points for high-efficiency water heater

	Points
ENERGY STAR water heater	1
EF or thermal efficiency greater than 0.9 EF or thermal efficiency greater than 1.8	1.5 2
Solar water heaters	
Solar water heater: ≥ 40% of annual DHW load	2
Solar water heater: ≥ 60% of annual DHW load	3

Projects outside the U.S. may use a performance equivalent to ENERGY STAR.

Credit only available for projects using the EA prescriptive path’