

## Annual energy use

Possible 30 points

### Intent

To improve the home's overall energy performance and reduce its greenhouse gas emissions.

### Requirements

Follow the criteria in EA Prerequisite Performance for Energy Star Homes to demonstrate a percentage improvement in the proposed building's performance compared with the baseline building performance of ASHRAE 90.1–2010, or USGBC-approved equivalent standard for projects outside the U.S. Points are awarded according to Table 5.

**Table 5. Points for reducing energy usage below ASHRAE baseline**

Percentage reduction	Points
6%	1
7%	2
8%	3
9%	4
10%	5
11%	6
12%	7
13%	8
14%	9
15%	10
16%	11
17%	12
18%	13
19%	14
20%	15
22%	16
24%	17
26%	18
28%	19
30%	20
33%	21
36%	22
39%	23
42%	24
45%	25
48%	26
51%	27
54%	28

57%	29
60%	30

AND

Earn 1 point for every 4% decrease in conditioned floor area compared with the ENERGY STAR for Homes, version 3, reference home (Table 1). Buildings that are larger than the reference home lose 1 point for every 4% increase in conditioned floor area.

Projects cannot exceed the maximum number of points in the EA section.

**Table 6. Conditioned floor area of reference home, by number of bedrooms**

	1	2	3	4	5	6	7	8 or more
Floor area (square feet)	1,000	1,600	2,200	2,800	3,400	4,000	4,600	+ 600 ft <sup>2</sup> per additional bedroom
Floor area (square meters)	93	148	204	260	315	371	426	+ 55.6 square meters per additional bedroom

For multifamily buildings, home size includes only *in-unit space*.