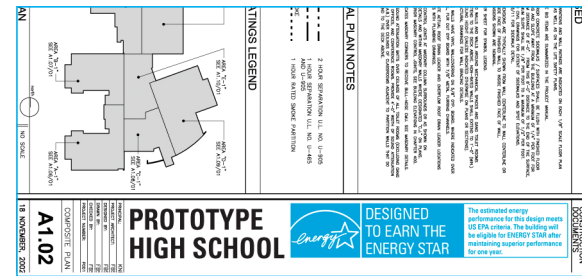


# GET NOTICED

Display the ENERGY STAR logo on plans that meet EPA criteria.



Earn AIA/CES credit when you attend training workshops on Target finder and strategies for designing high performance buildings. Choose from workshops given onsite at conferences or online.

Using the New Building Design Guidance, plan and integrate your energy efficiency strategies and meet your targets...so you can qualify for ENERGY STAR recognition.

## Contact Us:

**Web site:** [www.energystar.gov/newbuildingdesign](http://www.energystar.gov/newbuildingdesign)  
**Hotline:** 1 888 STAR-YES (1 888 782 7937)

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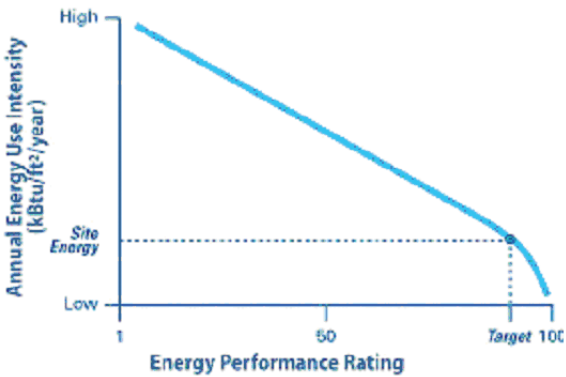
CHANGE FOR THE  
BETTER WITH  
ENERGY STAR

# TARGET FINDER: IT'S NOT SUSTAINABLE IF IT'S NOT ENERGY EFFICIENT

EPA's Target Finder is an easy-to-use Internet tool for designing high performance, sustainable buildings. Set an energy use target on a 100-point performance scale; the higher the score, the lower the energy consumption.

Target Finder lets architects, their clients and other construction professionals

- Set aggressive energy targets
- Monitor energy use from the design through operation phases and control costs
- Prevent potential greenhouse gas emissions
- Compare ratings with energy targets
- Get noticed for sustainable designs



"EPA's Target Finder...gives quick feedback on energy use targets...I have wanted some "rules of thumb" or a "framework" to help the entire design team set energy use goals early in the design process and this is exactly what I need."

*Keith Giamportone, AIA,  
Brown Jurkowski  
Architectural Collaborative*

TARGET FINDER: SET GOALS, START RIGHT

PRE-DESIGN

1. ENTER FACILITY INFORMATION

- Enter building project's zip code. The tool calculates the target using the energy source(s) and climate data typical of the region.
- Enter facility's name and location.

2. ENTER FACILITY CHARACTERISTICS

- Choose the space types
- Enter facility data. Characteristics will vary by space type.

[Space Types]  
----Primary Space Types----

Office (General)

Office (Bank Branch)  
Office (Courthouse)  
Office (Financial Center)  
K-12 School  
Hospital  
Hotel  
Medical Office  
Residence Hall/Dormitory  
Supermarket/Grocery  
Warehouse

3. SELECT YOUR TARGET

- Choose a target from 50 to 100.
- Select “View Results” to display the energy use (kBtu/sf/yr) based on actual building performance.

SCHEMATIC DESIGN

RATE YOUR DESIGN ENERGY

Enter data on source(s) and units, estimated energy use and rate(s). Display your Design energy rating by selecting "View Results."

energy

TARGET FINDER

PRINTCONTACT USHELP

Return to ENERGY STAR Web site > Target Finder

Target Finder

REQUIRED

Select a Target Score and/or compare your Design Energy to the target.

1. Facility Information

\* Zip Code26517Facility NameOffice Design

CityChapel HillStateNorth Carolina

2. Facility Characteristics

\* Select Source Type(s) for this project.

[Space Types]

Office

Delete

\* Gross Floor Area\* Number of PCs\* Occupants\* Operating Hours/Week

50000 Sq. Ft43045072 Hours

3. Target Score

80

\*Choose desired target score. Select "View Results" to display associated energy use.

Design Energy (optional)  
Enter energy source data for your design. Select "View Results" to compare estimated energy to your target.

Energy SourceUnitsEstimated Total Annual Energy UseEnergy Rate (S-Unit²)

ElectricitykWh1510065.6\$0.064

Natural Gastherms8089\$0.85

View Results

Clear Form

GET ACTIONABLE RESULTS

DESIGN RATING

See how your design compares to your target and the top 10% of commercial buildings.

TARGET

Target Finder shows the annual energy use corresponding to the target you entered. The target serves as a reference for comparing energy strategies and deciding the best technologies and practices for achieving your energy performance goal.

The gap between your design rating and the target indicates your energy and cost savings opportunity.

STATEMENT OF ENERGY DESIGN INTENT (SEDI)

The SEDI summarizes your results and potential emissions. Include your energy target data in design specs and construction documents so that the completed building performs according to target.

\*The data used for the energy performance rating are derived from the U.S. Department of Energy's Commercial Building Energy Consumption Survey. The required data inputs for the rating were found to be the primary drivers of energy use-building size, geographic location (climate), occupancy, and plug load.

energy

TARGET FINDER

PRINTCONTACT USHELP

Return to ENERGY STAR Web site > Target Energy Performance Results

Target Finder

View Statement of Energy Design Intent

Target Energy Performance Results (estimated)

Energy	Design	Target*	Top 10%
Score	56	80	90
Save Energy Use Intensity (kBtu/Sq.Ft/yr)	119.2	85.2	68.0
Estimated Total Annual Energy (kBtu)	5,961,243.8	4,275,832.5	3,401,598.0
Total Annual Cost(s)	\$103.620	\$73.940	\$69.073

Facility Information

Office Design  
Chapel Hill, NC 27517  
United States

Facility Characteristics

Space Type	Gross Floor Area (Sq. Ft)
Office	50,000
Total Gross Floor Area	50,000

Design Energy

Energy Source	Units	Estimated Total Annual Energy Use	Energy Rate (S-Units)
Electricity	kWh	1,510,068	\$0.0054 kWh
Natural Gas	therms	6,089	\$0.0650 therms