



# TARGET FINDER • GUIDE FOR USE ON HOSPITAL ADDITIONS

## Hospital Campuses

## UNDERSTANDING FUTURE ENERGY PERFORMANCE DURING DESIGN

EPA's Target Finder helps you set design targets, evaluate the anticipated energy performance of designs, and adjust goals. Energy-efficient designs can generate significant financial and environmental savings. While Target Finder can be used for both new hospitals and additions, this document focuses

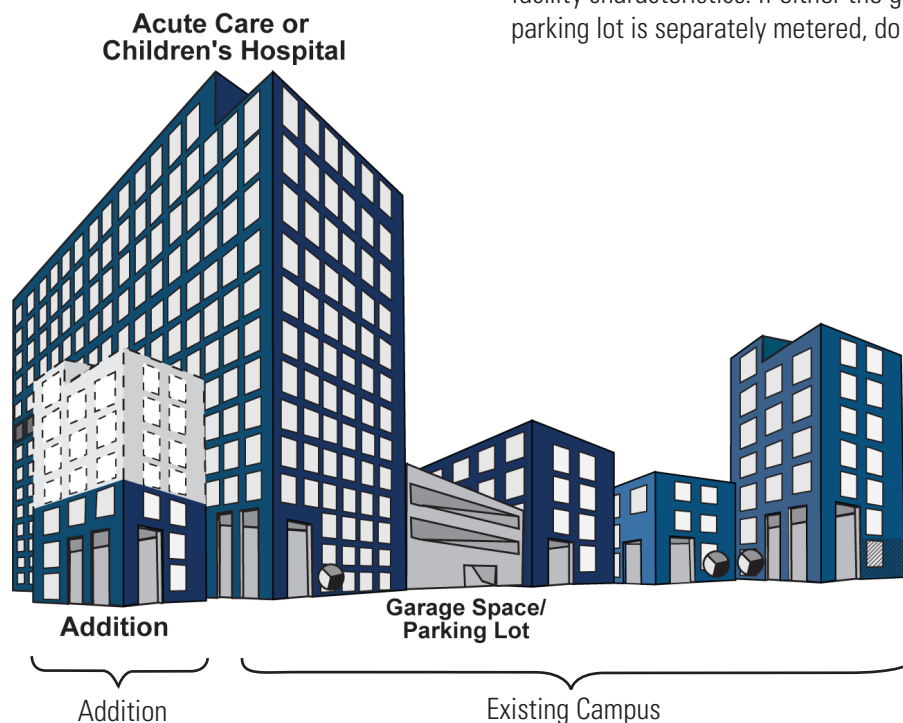
on additions to existing hospitals that create a larger hospital building or a multiple building campus. Following one year of operation, facilities may use [Portfolio Manager](#) to determine the actual energy performance rating and potentially apply for the ENERGY STAR®.

### ADDITIONS TO HOSPITAL CAMPUSES

**Campus data** is required to use Target Finder for additions to existing hospitals and hospital campuses. Target Finder allows you to set energy targets for the future campus (existing campus + designed addition) based on building characteristics. Then, it allows you to obtain the anticipated energy performance of the future campus by inputting estimated annual energy consumption for the new campus. The graphic at right demonstrates an existing campus plus the designed addition. To begin:

1. Go to [www.energystar.gov/newbuildingdesign](http://www.energystar.gov/newbuildingdesign) and select "Target Finder – EPA's Energy Performance Rating".

2. Select "Enter Target Finder".
3. Enter the zip code, facility name (for the campus), city, and state.
4. Choose "Hospital (Acute care, Children's)" and enter facility characteristics that represent the aggregate data for all the buildings on campus (existing campus + designed addition).
5. From the pull down menu, select other relevant spaces for the campus, one by one, such as computer data center, garage, or open parking lot and fill in the relevant facility characteristics. If either the garage or open parking lot is separately metered, do not include them.



## SET THE DESIGN TARGET

When an addition is in its early design phase, Target Finder sets a 1-to-100 target rating for the energy performance of the new hospital or campus (existing campus + designed addition) based on building characteristics. Target Finder will provide an annual energy consumption figure for use in the design.

6. Select "The Target" to obtain the campus "Target Rating" or "Energy Reduction Target" to meet the AIA/2030 Challenge goal.

7. Select "View Results" to obtain your aggregate campus "Target" energy performance rating (1–100), energy reduction (%), source and site energy use intensity (kBtu/sf/yr), source and site total annual energy use (kBtu), annual energy costs, and pollution emissions figures. For comparison purposes, the AIA/2030 Challenge goals are also listed under "Top 10%".

## RATE THE ESTIMATED ENERGY PERFORMANCE

Throughout the design process and when nearly finished, enter the building characteristics and the predicted energy consumption data (from energy modeling) into Target Finder for the new hospital or campus (existing campus + designed addition) to determine whether the designed addition meets the desired target rating.

8. From step seven above, either click "Edit" and scroll down the page, or begin by entering the data requested in steps one through six above. Enter the new campus' estimated energy use for electricity and other fuel

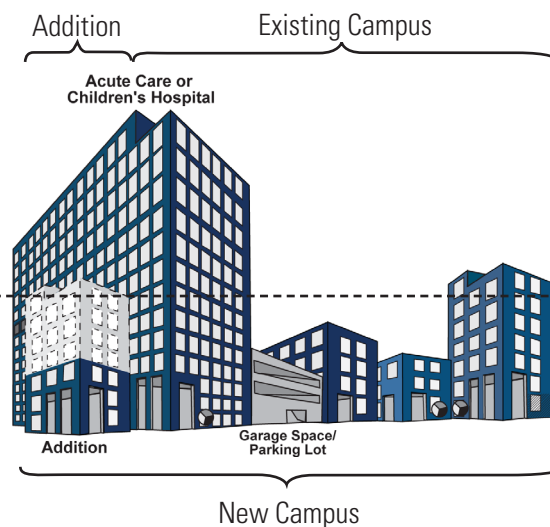
source(s). This should include the annual energy consumption of the existing campus AND the anticipated annual consumption of the addition.

9. Enter energy costs for each fuel source.
10. Select "View Results" and compare the estimated design energy use with the target to see if the project achieved its goal.
11. Print your findings by selecting "View Statement of Design Intent".

## PERFORMANCE TOOLS AND RECOGNITION

### TARGET FINDER

As outlined above, set a design target for the energy performance of the future campus (existing + new addition), and then rate the estimated energy performance throughout the design phases as design elements evolve.



The Designed to Earn the ENERGY STAR logo is awarded to designs for hospitals built from the ground up that rate in the top 25%. It is not available for hospital additions.



### PORTFOLIO MANAGER

Following one year of operation, benchmark actual energy use of the aggregate new campus to determine if the facility performed as expected, and potentially apply for recognition.



The ENERGY STAR is awarded to hospital campuses in the top 25% in terms of energy performance with ratings of 75-100.

## MORE INFORMATION