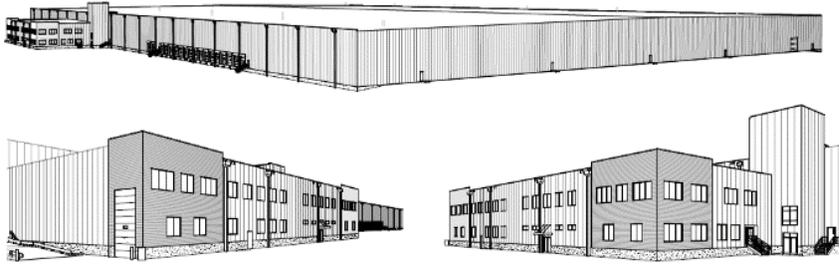


ENERGY STAR Design Profile

The Hershey Company Distribution Center
Annville, PA, 17003



Why we chose ENERGY STAR:

- The Hershey Company Distribution Center achieved Designed to Earn the ENERGY STAR certification by meeting EPA criteria for reducing energy and CO₂ emissions.
- It was important that The Hershey Company Distribution Center achieved Designed to Earn the ENERGY STAR because it signals to the market that the project is intended to perform in the top 25% of the nation's most energy efficient buildings.
- The Korte Company is also helping the environment by delivering an energy efficient design to our client because ENERGY STAR buildings have a proven track record and yield an average of 30 percent annual energy savings and CO₂ reductions.
- The Hershey Company Distribution Center is recognized for achieving Designed to Earn the ENERGY STAR for potential future financial benefits from reduced energy costs and CO₂ emissions over the life of the building.
- The Korte Company found Target Finder/Portfolio Manager tool was helpful in evaluating how various design strategies will affect the energy estimates for the project.

Energy efficient design strategies:

- The projected annual energy and CO₂ savings of the design is 40.3% as compared to the median building.
- The estimated total annual energy savings for this project is 103,165,096 kBtu/yr with an estimated cost savings of \$1,017,545. This project is intended to have a 40.3 percent reduced carbon footprint because of energy conscious decisions made during the design process.
- This project was designed to achieve cost effective energy efficient performance. The walls of the building are insulated 55.6% better than the ASHRAE baseline. The designed interior lighting power is 41.8% less than the ASHRAE baseline. The designed HVAC systems take advantage of an airside economizer and a variable air volume system which offers fan power savings over constant volume systems.



Architect of Record:

Darlene Rutkowski-Hanks

Engineering Firm:

The Korte Company

Building Owner:

The Hershey Company

ENERGY STAR Design Score:

76

Percent Energy and CO₂ Reduction*:

40.3%

Design Year/ Estimated Occupancy Date:

7/30/2021

Space Type:

Refrigerated Warehouse

Floor Space:

822,347

Estimated Energy Use Intensity:

Site EUI: 66

Source EUI: 185

Estimated Total Annual Energy Use:

Site: 54,587,976

Source: 152,846,334

Estimated Annual Energy Cost:

\$1,406,296

Technologies Specified:

Premium wall insulation, LED lights, variable speed supply fan, airside economizer

For More Information

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SMyers@Hersheys.com

*Percent Energy and CO₂ Reductions are based on comparison to a median building of similar type.