



Montgomery, IL

A Success Story



Goal:

Ability to better serve our customers in the Chicago market.

- Achieved by:
 - Supplying and maintaining inventory in the Chicago market to assure continuity of supply.
 - Optimize transportation processes to both deliver sugar to inventory and to customers.
 - Increase overall enterprise –wide sugar storage capacity.

United Sugars Corporation

Why Chicago?



Identified the Chicago market for implementing this project.

- Key market for USC with a strong current customer base receiving bulk trucks of sugar.
- Close to USC sugar manufacturing facilities (our backyard).
- Strong knowledge of market for customer sugar demand and opportunities for growth.

United Sugars Corporation

Considerations for Site Location

Key Factors

- Location outside of railroad congestion areas to facilitate faster turning of railcars.
- Access to major highway system.
- Railcar access via the BNSF.
- High railcar service to the site.
- Strong freight partners with access into Chicago and Chicago area.
- Competitive bulk sugar storage process.

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Site Functions

Sugar Receiving/Shipping

- High throughput facility with the ability to receive and unload up to 24 railcars per day.
- Ability to load 4 bulk trucks per hour.
- Allow for preloading bulk trucks to enable on-time delivery to customers and to optimize bulk truck/carrier utilization.

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Site Functions



Sugar Storage

- Compared capital costs of sugar storage alternatives.
 - Learned of new technology for storing sugar:
 - Dome technology only used for sugar at two sites in the world.
 - Visited Hungary site to investigate use of dome technology for sugar.
 - Compared dome technology to conventional concrete and steel bin sugar storage containers.
 - Determined dome technology best solution to store sugar.

United Sugars Corporation Montgomery Transfer & Dome

Dome Sugar Storage

**Capacity: 650
railcars/1.3 MM
CWT./60,000 MT**

**Largest free standing
sugar storage
structure in North
America**

