

Glass Client

Production Line Design

SSOE worked with this long-term client to add a third production line to deliver needed additional capacity of unbonded loose fill fiberglass used for blow-in insulation. Having installed the existing two lines, our team was thoroughly familiar with the process and facility, enabling us to utilize an efficient design / build approach and work within tight budget limitations. The addition of the third line significantly increased the facility's throughput.

SSOE provided controls, electrical, process, and structural engineering, services. The design included the modification of the existing batch system, installation of a new glass furnace, forming system, and bagger; and addition of a storage area. Variable speed drives and efficient cooling towers resulted in significant energy savings.

value promise

Specifying more economical equipment options saved the client nearly \$950,000.

location Midwest USA

highlights

Addition of third line increased throughput and expanded production capacity

Energy saving design

SSOE staff designed and patented some of the specialty equipment