

Cambridge Case Study

Transportation Facility

Marysville, OH



BUILDING DETAILS

Size: 200,000 sq.ft. x 25 ft. High
Construction: R-15 Roof
R-15 Walls

OPERATING CONDITIONS

Operating Hours: 12 hrs/day 5 days/wk
Design Temperature: 65° @ 0°
Thermostat Settings: 65° occupied / 55° setback
Average Temperature: 62°
Heating System: Cambridge Space Heaters
4 @ 1200 MBH

ACTUAL FUEL USE

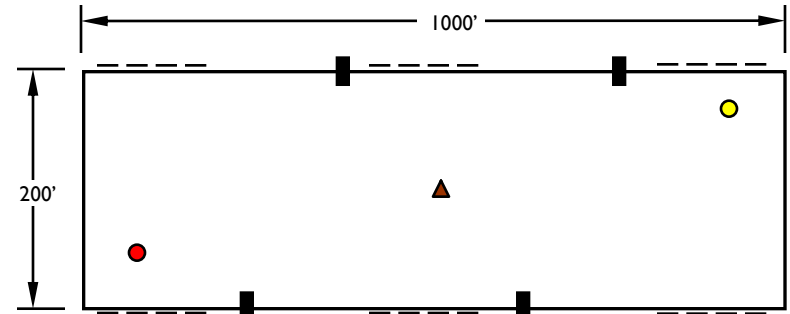
for the 1997-98 heating season (5,177 Heating Degree Days @ 65°)

3.9 Btu / HDD / sq. ft.

CALCULATED OPERATING COST

for normal heating season (6,132 Heating Degree Days @ 65°)

\$0.12 / sq.ft. (Gas only @ \$0.50/therm)

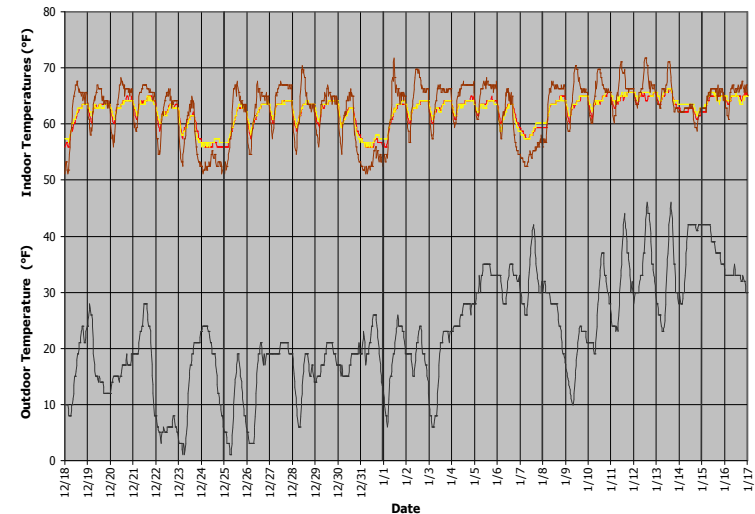


- Temperature Logger @ 5' AFF
- ▲ Temperature Logger @ 24' AFF
- Heater

DATALOGGER GRAPH

Logging period: 12/18/00 - 1/17/01

Logging interval: 30 minutes



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