

Displayed Real Time Values (Daily Basis/Hour Basis):

Ground Temperature

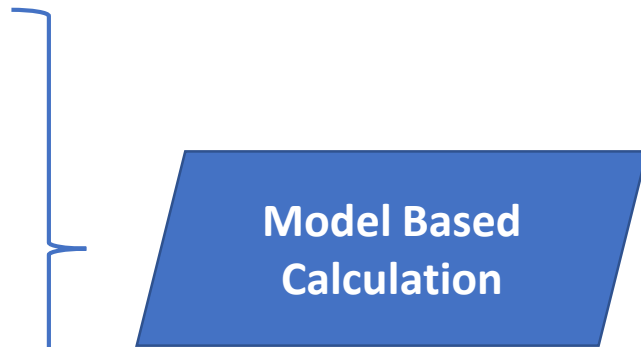
Indoor Temperature

Outdoor Temperature

Energy savings

Operation Cost Savings

Carbon Reductions



Budgets: Can be deducted from \$10000 to \$9318.16 if necessary

Johnson Controls Thermocouple Thermometer.
Total cost: $\$24.98 \times (4\sim6) = \$106.56 \sim \$159.36$ included tax

Samsung 65" Monitor for Digital Signage (QB65R) \$1125

Thermocouple Data Acquisition Device (Transform voltage from thermometers to the signals on the screen):

BX-08THM \$199 (Cheaper options might be available)

Digital Signal Wires:

Component A/V Wire. 4 sets: $\$33.7 \times 4 = \134.8

Labor Cost:

Technician for setting up the screen. (**\$500**)

Full-time PHD student subsidy over 11 months: $\$800 \times 11 = \8800 . (Can be deducted to 9 months if necessary. $\$800 \times 9 = \7200)