

What is a degree-day? $kW \times h$

Person-year

10 PY

10×1

1×10

2×5

$120 \times 1/12$

heating
cooling

"The difference between the daily average temperature and a reference temperature added up over a number of days."

ref temp - avg

ref temp - avg

ref temp - avg

:

$$18 - -7 = 25$$

$$18 - -5 = 23$$

$$18 - -10 = 28$$

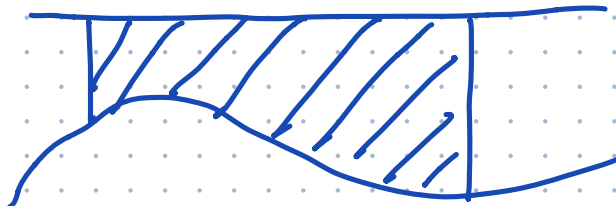
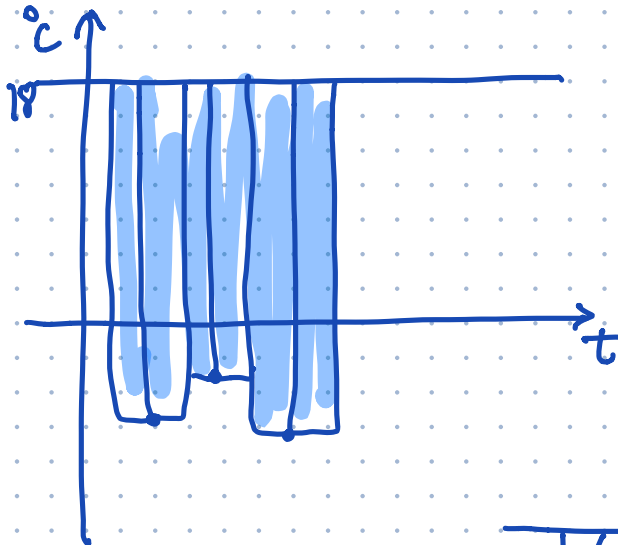
76 degree-days

heating load

$$18 - -30 = 48$$

$$18 - 12 = 6$$

$$24 \times (18 - 30) = -12 \text{ cooling load}$$



“A degree day is computed as the integral of a function of time that generally varies with temperature.”