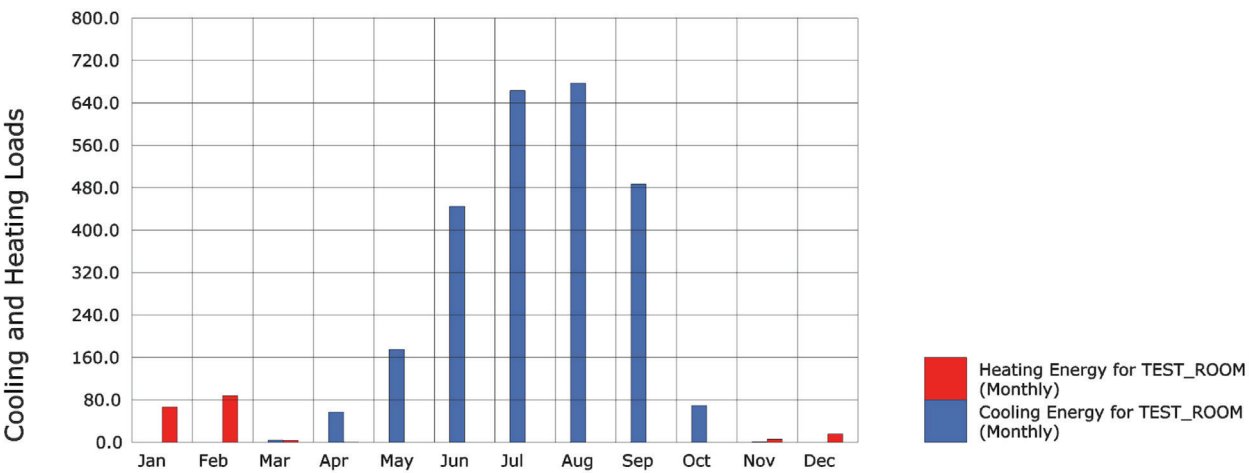


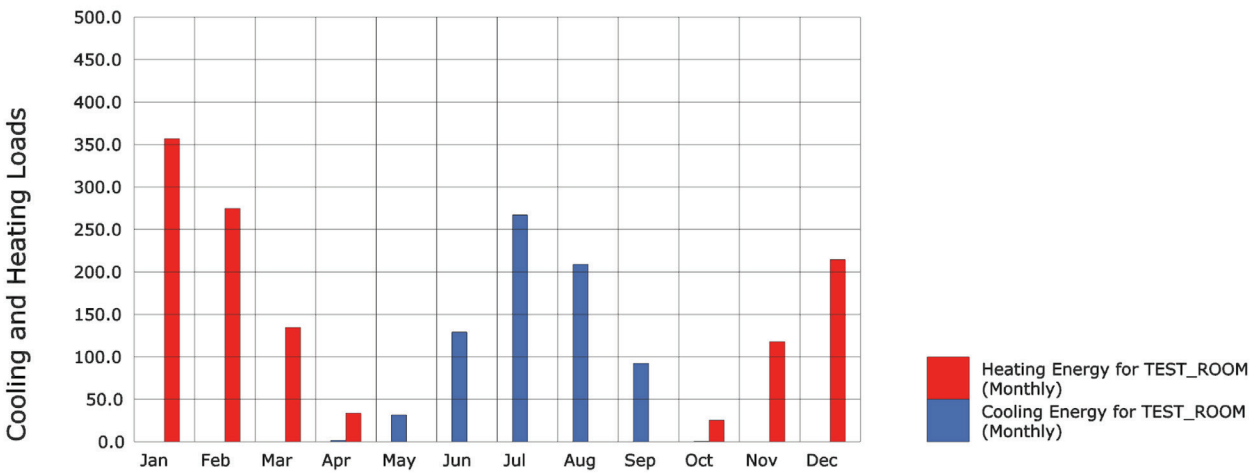
I think the reason why my design decreased energy use because of some depth of shading device, but it still allows enouogh sunlight so it helps to parallize energy usage between summer and winter periods.

Base



Philadelphia International Ap PA USA TMY3
CDD:2579 HDD:180

After Redesign



Philadelphia International Ap PA USA TMY3
CDD:732 HDD:1158