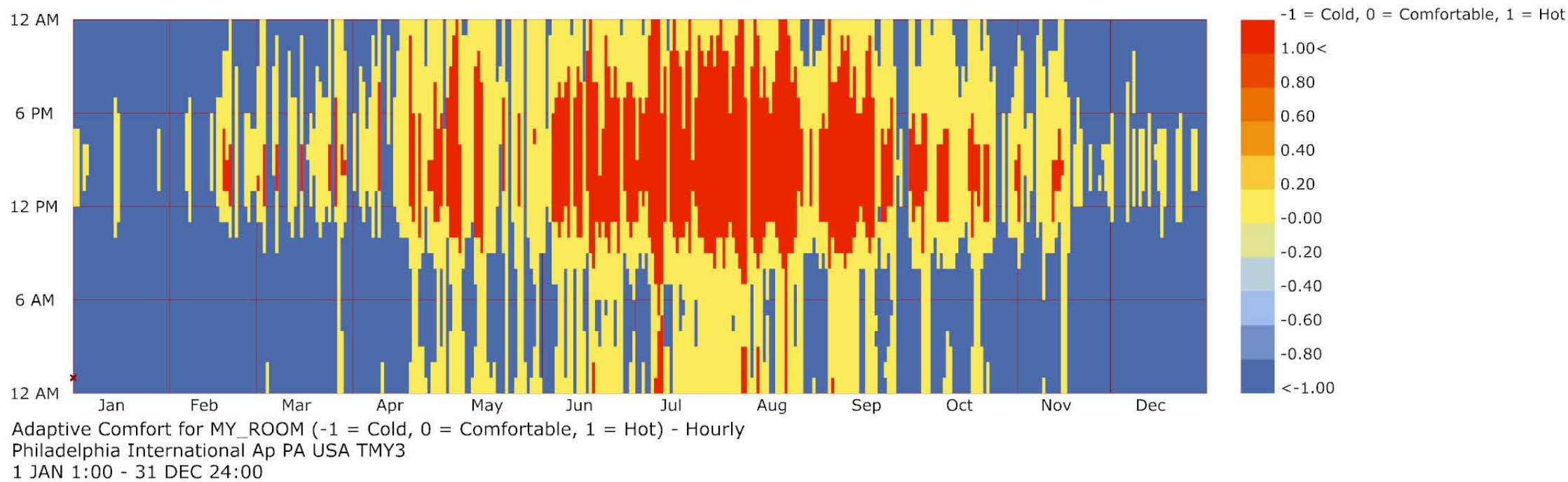
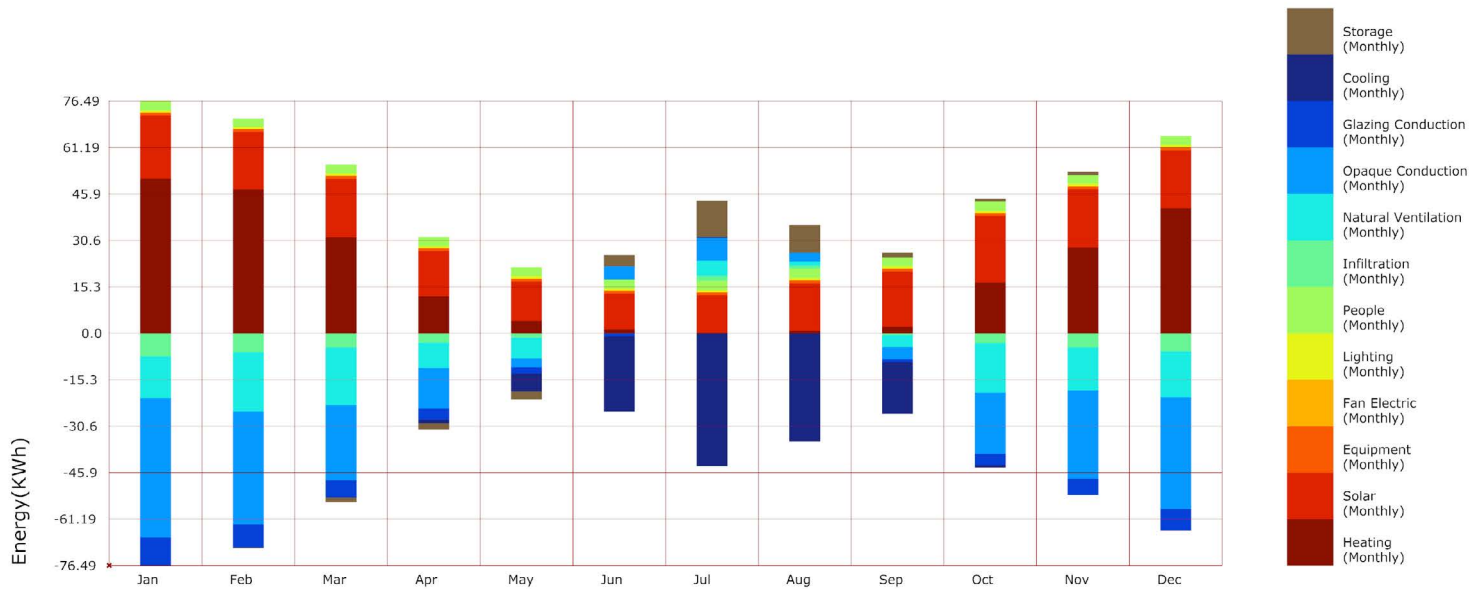
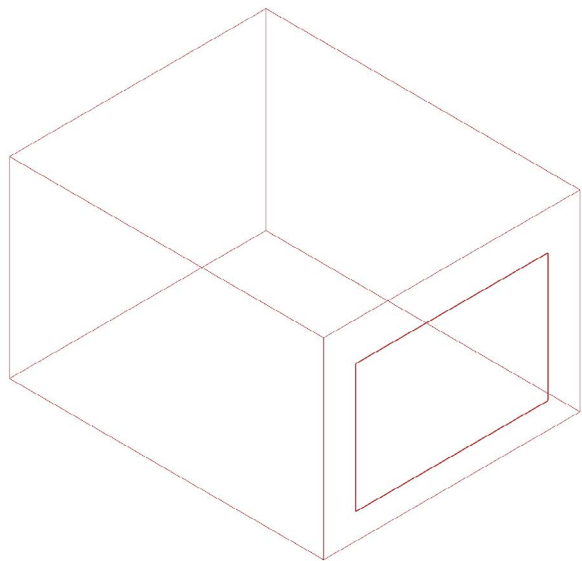


Assignment 7 Energy Simulation

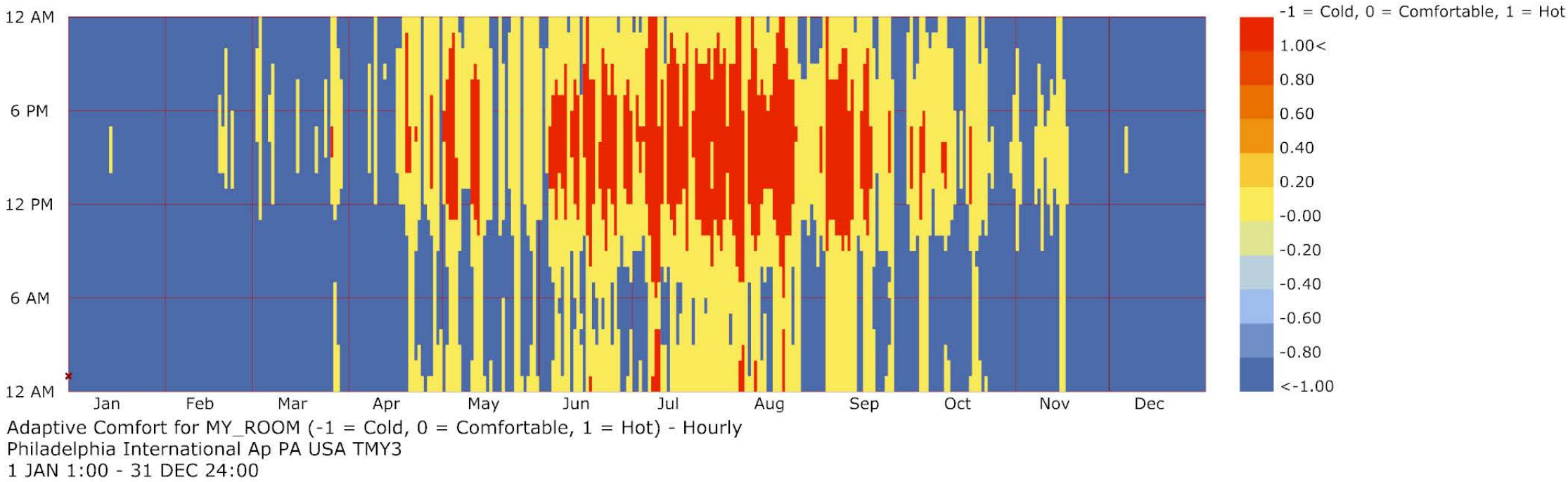
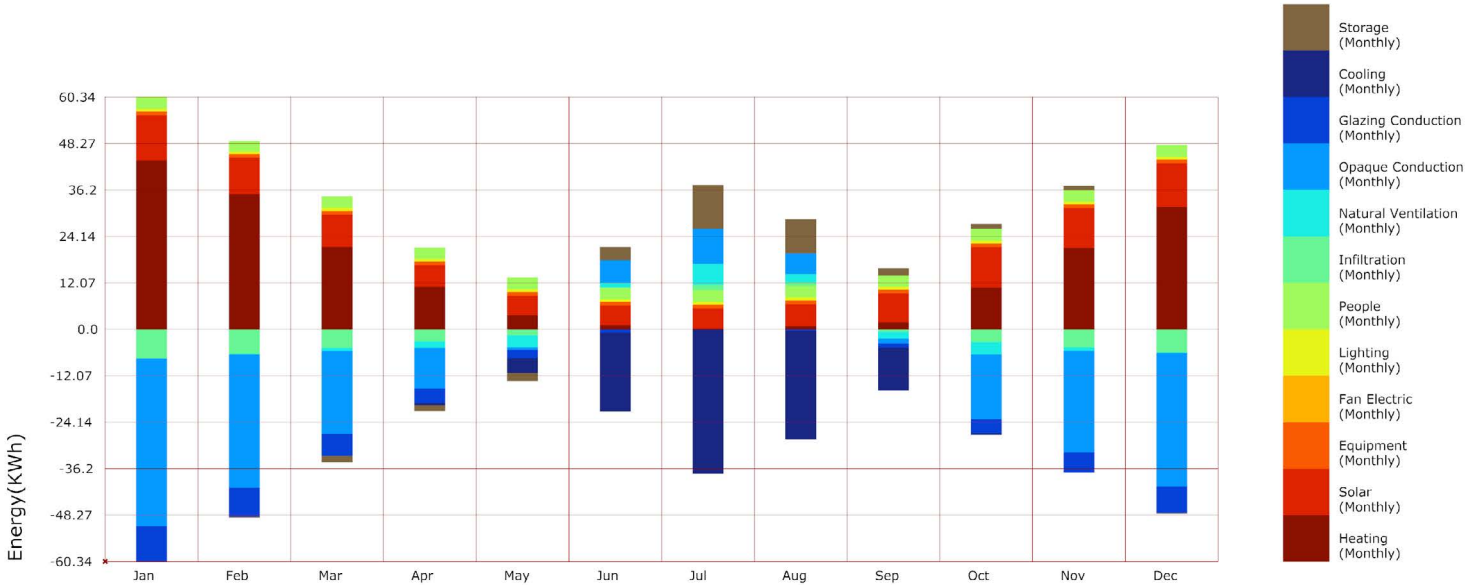
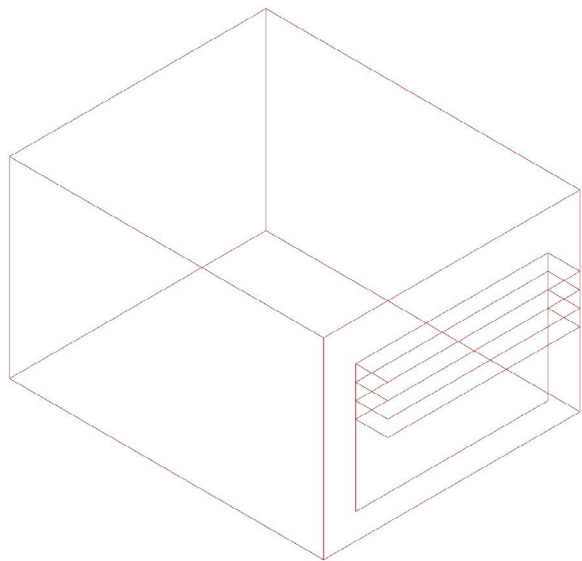
Original Room

One problem is too hot in Summer, especially in the afternoon of June, July and August. And another one is too much cold time in Winter. Next step is to adding shading system.



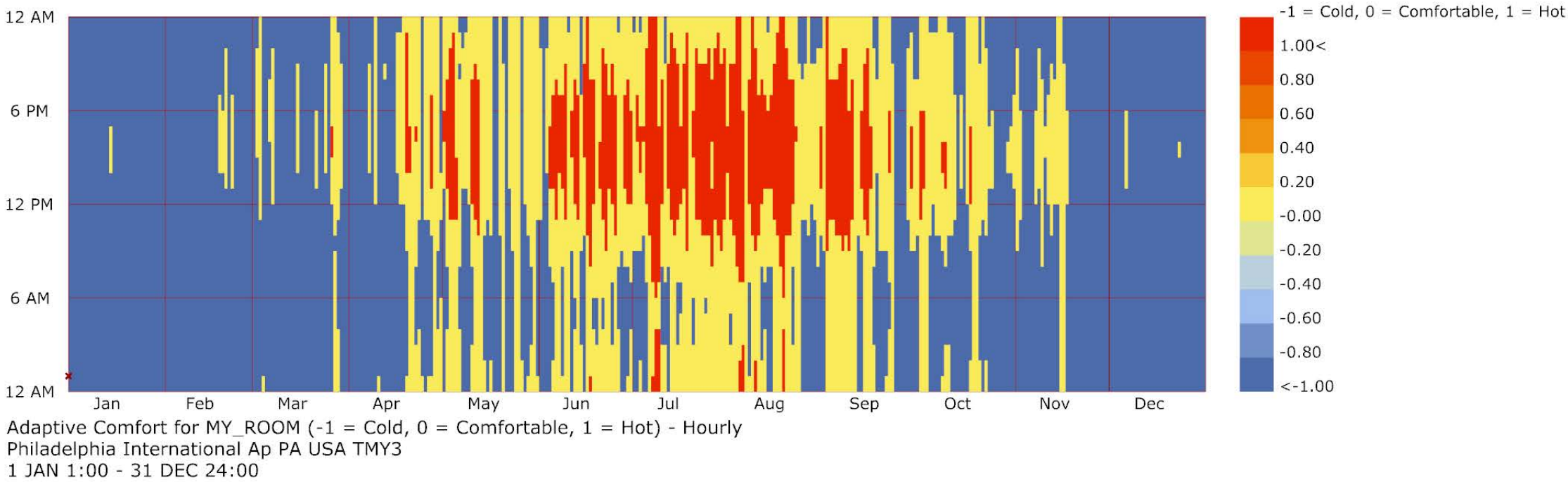
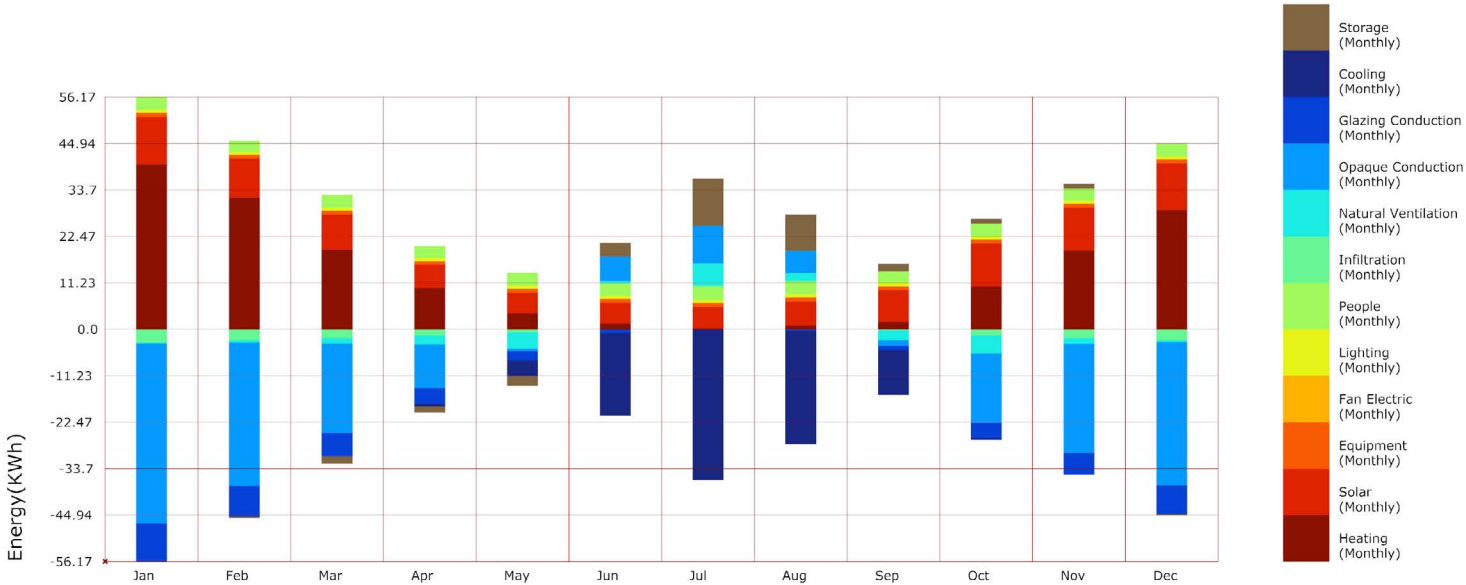
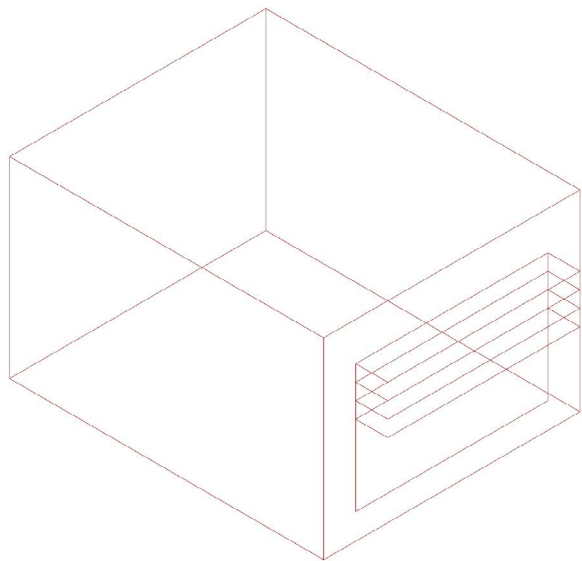
Room with shading

The shading system works, but at the same time, it increases the cold time. Next step is to reduce the infiltration.



Change Infiltration

The infiltration is changed from 0.0003 to 0.0001. It works a little bit, but not obvious. Next step is to using lights and equipments to increase comfort.



Using Lights and Equipments

After using lights and equipments, it improves efficiently.

