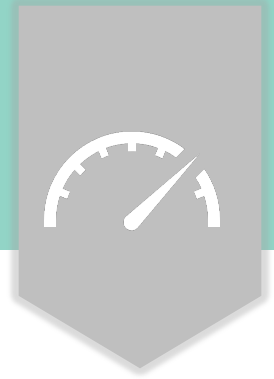


# ENERGY DEMAND



## HOW DO WE DO IT?

A control device has been installed to automatically limit the demand of the building, ensuring that we are able to interact with the local grid in a way that is mutually beneficial. In the future, we could even allow the local electric company to access this to help them operate the grid.

## WHAT IS DEMAND?

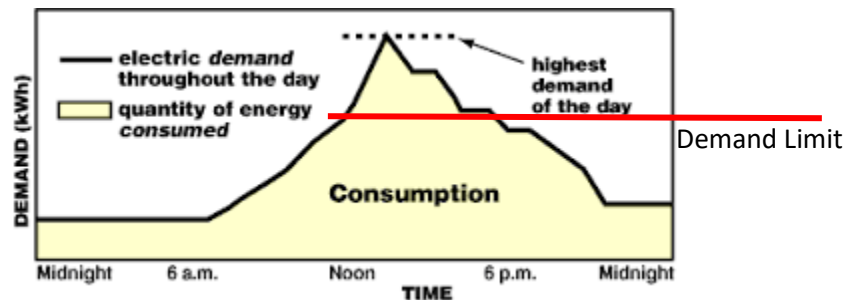
Demand is the instantaneous amount of electricity used by a building at one time.

## HOW IT HELPS WALKING MOUNTAINS?

Ensuring our demand stays low keeps us on a rate that is more beneficial for our solar production.

## Limiting our impact on the grid

Automatic controls can delay the use of some of our electrical loads if our instantaneous usage is getting too high. Once our usage drops, those loads will turn back on. This makes our building easier on the local grid.



Buildings that use a large amount of electricity can stress the grid, causing us to need more infrastructure and generation. We designed our building to be all electric to enable it to be net-zero in the future. However, heating a whole building with electricity can create a large demand. So, our low priority loads will automatically turn off if our demand is getting too high.

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