


Objective:
Reduce the carbon emissions that the MagLab is responsible for by reducing the energy consumption of the lab.



The powerful magnets at the MagLab produce a lot of heat and are cooled by a chill water cooling system that assumes the magnets are at 100% power.

Optimize Cooling Pumps
By running the pumps at the appropriate power rating, team 517 can reduce the carbon emissions of the MagLab.

Targets and Metrics



Reduce, reuse, and recycle the energy at the MagLab, thus reducing the carbon emissions that the MagLab contributes to.



What's next?

