

Minutes (Week#1)

Attendance:

Member	Status
Brandon Nafsinger	Present
Bryan Perkins	Present
Scott McMurdie	Present
Garrett Oman	Present
Dr. Rezaie	Present
Scott Smith	Absent

Discussion:

- Dr. Rezaie recommended that the team members study thermoelectric generators and their inner workings to get a better grasp on the design project.
- She also recommended that the team take a tour of the steam plant with the client, Scott Smith, to understand the design problem we are faced with.
- Exhaust stacks are around 350°F.
- TEG can be placed on inside or outside of stack depending on need.
- Main issue with TEGs is cooling down the outside. Plenty of heat, not enough cold.
- EE's will be in charge of electrical regulation and circuitry while ME's will handle heat transfer issues and fabrication.
- No need to interface circuitry with grid. Just develop a working model to later be scaled up.
- Geometry conflicts with TEG depending on where it needs to be placed.
- Budget=\$1000 to \$2000. (To be discussed with Scott)
- Client interview due by the 29th.
- Bryan will acquire/assemble Team Portfolio.
- Brandon will finish team contract (to be signed at next meeting).
- Meeting times to be determined based on Scott's schedule.
- Scott M. assigned to be direct contact with client.
- Garrett O. was put in charge of minutes and agenda.