Worksheet 2

Names of Group Members:

__________________
__________________
__________________

Your Prediction:__________________________________________________________

Consulting Team Objectives:

• Calculate electricity needs of new hospital.
• Develop 2 different proposals for what type of energy should be used to generate the projected increase in demand. Each proposal should be a short paper or poster which shows:
  ▪ Predicted electricity demand and rationale.
  ▪ Amount of input energy required for the suggested resource (use % efficiency values for teacher resource).
  ▪ Translation of what that means in volume or size
    For example:

3kW hr of solar input = ___ (how many) solar panels of _____ (width) x ____ (length)
  ▪ The potential impact(s) of using the energy source.