

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.