

Assignment #1- *HVAC: “Energy/Human Comfort” Survey*

Your assignment is to conduct interviews with 5 people (either fellow students, work associates, neighbors, etc.) about their perceptions of HVAC systems and energy use.

Some suggested topics/questions for interview discussion are:

1. What is “HVAC” and how do these systems affect overall building/home energy use?
 - a. What components of their HVAC system consume the most energy?
2. What are common complaints about their “human thermal comfort” or “indoor air quality”
3. What are 5 ways they can help to save energy through use/non-use of HVAC systems?
4. What are 5 ways that their building/home could be modified to consume less energy?
 - a. How would these modifications affect the operation of their current HVAC system?
5. How can improper use of HVAC systems harm the global environment?
6. How can renewable energy systems be used to supplement or replace existing HVAC systems?

Be prepared to summarize your findings for presentation to the class on 4/27. Explain why you agree/disagree with what you have discussed. Use “Executive Summary” approach for final presentation and paper format.