

QRMS Project 2: Grading Rubric

Please staple this rubric on as a cover sheet for your project.

Name(s):

1. Introduction (5 pts) -----

- Is the problem to be solved clearly identified?
- Is the answer reached clearly identified?

2. Methodology (15 pts) -----

- Does the essay describe how the data used were gathered?
- Does this data gathering method make sense? Is it reliable?
- Does the essay discuss how the data was used to reach the final conclusions?
- Does the method or formula used to reach these conclusions make sense?
- Does the essay identify the specific suggestions being considered for energy reduction?
- If necessary, is the credibility of cited sources established?
- Are all calculations included in an appendix to the essay?

3. Data (10 pts) -----

- Does the essay include all relevant data (including on/off/sleep states as appropriate)?
- Does the essay discuss the reliability of the data?
- Does the essay make a convincing argument that the data is accurate and reliable?
- Is the data presented clearly? (For example, in a table, chart, or other figure)
- Does the essay clearly state: amount of energy used (in watts, say), potential savings, cost of energy, savings in terms of cost, and savings as a percentage of total?

4. Interpretation (20 pts) -----

- Does the essay explain its method for assessing the “worth” of potential sources of savings?
- Does the essay explain why this is a sensible way of defining “worth?”
- Does the essay analyze the “worth” of some of the claims for energy reduction?
- Does the essay identify which (if any) claims it considers worthwhile and explain why?
- Does the essay discuss the significance of the results?

5. Conclusion (5 pts) -----

- Does the essay have an adequate conclusion?

6. Organization (5 pts) -----

- Does the essay flow smoothly and logically?
- Are key features such as the thesis easily identifiable and supported by the essay?
- Are the topics discussed in the essay tied back thematically to the thesis?

7. Mechanics (0 pts, *negative score possible*) -----

- Are spelling, grammar, punctuation, etc. correct? Are words used correctly?
- Does the essay reflect proper standards for formal writing?
- Does the essay have a title?

TOTAL: ----- / 60