

You are to write a final report, summarizing the results of the assigned exercises. This should include a section corresponding roughly to each exercise, i.e

1. Introduction
  - 2.1 The Solar Resource for [Your Site] -  $K_t$  the clearness index.
  - 2.2 The Solar Resource - at tilt = latitude.
3. PV Array size - attending to loss of load probability.
4. Electrical load specification and battery storage requirements.
5. Benefits and costs: Compare net present value of benefit stream with initial cost. Include financial incentives, if available.<sup>1</sup>
6. Conclusion.
7. Appendix

This is to be a coherent report, not simply a pasting together of all that you have done before. Each section should state all assumptions, fix the context in general terms, and present the results of your analyses. You are to include the details of your analysis and spreadsheets in the Appendix. Make sure you reference all sources.

Note: if you want to include any of the graphs please let me know and I will make them available in png format (or gif or jpeg if you pre-fer).

Due Friday, 10 December

1. In costing out the system, assume a module cost of \$4.00/Watt Peak and a balance of systems cost equal to the total PV array cost.

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