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Group Assignment

**CEE1IEE Final Report Assessment Sheet**

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| **Group Name/Student Names: Group 7** Daniel Webster, James Lane, Jet Len, Josh Stoneham, Ben, Sharp, Phil Wong  **Supervisor:** |

The following sections are included for your guidance and to help you rank the groups.

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| **Group Writing Skills [0 – 10 marks, to 0.5 mark accuracy]:**  Structure and fitness for purpose.  Clear introduction, easy to read and general flow.  Edited to remove repetitions; adequate coverage of important areas.  Thoroughly checked before submission. | 6 |

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| **Technical and Analytic Content [0 – 20 marks, to 0.5 mark accuracy]:**  Analytic understanding of the problem.  Performance modelling. Technical progress.  Demonstration of working/completed sections. | 12 |

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| **Conclusions, clarity of client recommendations [0 – 10 marks, to 0.5 mark accuracy]:**  How useful is the report to the client  Correctness of the conclusions and implementation plan | 4 |

Total mark allocated [out of 40]: 22

**Please include comments to justify your decision on this page or overleaf.**

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| An interesting piece of work which also includes some good research. Regarding presentation, you need to clearly label graphs and charts and don’t assume the reader will know what your axes represent! A good example is figure 1 where it’s not clear what each curve is showing. Also think about the clarity of your figures. Some of them are very small with text that is difficult to read. (I am thinking of figure 2 especially). Your energy usage figures for a treadmill seem large! Machines are not switched on all of the time. Have you considered usage rates? It would have been nice to see a detailed discussion about how you arrived at your final energy consumption values. Your values stated in the table in section 6 seem to come with little justification. For example why do you need a heat pump for the pool with an output of 300kWh/day. (Solar heating the water directly is a better solution to this by the way). Regarding costings, you needed to compare off and on grid solutions which it doesn’t look like you have included. This would be a key recommendation to the client. Also there is no installation plan. Installation costs would be a major component for the off grid solution and would need to be combined with purchase costs. |

Assessor: . .. . Dr Mike Spann Date: . 30/3/15