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Group Assignment

**CEE1IEE Final Report Assessment Sheet**

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| **Group Name/Student Names: Group 5**. Eleanor Peel, Charles Pathirennehelage , Paul Paine, Adam Rachidy, Ori RubinSupervisor:  |

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. | 13 |

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| **Conclusions, clarity of client recommendations [0 – 10 marks, to 0.5 mark accuracy]:**How useful is the report to the clientCorrectness of the conclusions and implementation plan | 5 |

Total mark allocated [out of 40]: 24

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

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| A well written report and some interesting ideas that have been presented. Where is figure 4? Also appropriate use of units to represent consumption but not generation. How many kWh/day would each generation method produce? You have used references to produce individual consumption values for different parts of the campsite but it would have been useful to also do your own estimates (making reasonable assumptions) to justify these values. The use of a water wheel is an interesting idea at an outdoor site and I liked the relief map showing a potential site. Also solar cells would be appropriate. It would have been useful to consider (and possibly reject) other possibilities such as biomass, wind power and heat pumps just so your client knows you have thought about them. I think a payback time of 2 years is optimistic probably because your income assumptions aren’t realistic. Campsites tend to be deserted in bad weather and non-school holidays! Apart from that your costings are clear and well laid out. Your conclusions to your client are rather brief and could have incorporate more detail, an implementation plan and several alternative scenarios. But overall, a good effort! |

Assessor: Dr Mike Spann Date: 8/4/15