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Group Assignment

**CEE1IEE Final Report Assessment Sheet**

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| **Group Name/Student Names: Group 1**. Lewis Coulter, Liam Hargrave-Gibson, Musa Abbas,  Siti Nur Syahmina Zaini and Abdulla Alajmi  **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. | 7 |

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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. | 15 |

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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 | 8 |

Total mark allocated [out of 40]: 30

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

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| Overall a well written and well researched report. Be careful about units. You mention electrical consumption of 233kWh. Is this per day? Not clear where this number comes from. You seem to have considered daily fluctuations of electrical demand but not seasonal (especially important at a campsite). Use of a biomass driven boiler for heat storage is a novel idea and you have costed it using what looks like sensible assumptions. Regarding the use of solar panels you have made reasonable assumptions but you didn’t consider the area required for 240 panels nor did you consider combined heat/electrical. Also I am not convinced wind turbines is a viable option on a campsite and 72K is rather expensive. You recommendations are clearly written giving a good summary of your findings but you also needed to include an implementation plan. But oj the whole a good piece of work. |

Assessor: . .. Dr Mike Spann Date: 6/4/15