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Group Assignment

**CEE1IEE Final Report Assessment Sheet**

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| **Group Name/Student Names: Group 6.** Mohammed Islam, Nisha Kandola, Joseph Lowry, Diego Marchi, Thivvya Selvathesan, Deriu Zui**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. | 8 |

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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 | 7 |

Total mark allocated [out of 40]:28

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

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| You have presented a very nice report with a good balance of detail between the main text and the appendices and containing the results of some fairly extensive research. Table 2 is a useful summary of energy requirements and you have used appropriate units (kWh/day). However, it would be nice to have seen an equivalent summary of energy production including your assumptions (number of solar cells etc). Use of fuel cells is very novel. However, I couldn’t find any reference to running costs and especially the cost of biogas fuel. Have you factored this in? You have included a good analysis of costing in general and a payback time of around 4 years is slightly optimistic but feasible. Well done for including installation costs in your summary. A good clear list of recommendations for your client has been included which should enable her to make an informed decision.  |

Assessor: .Dr Mike Spann Date: 7/4/15