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Group Assignment

**CEE1IEE Final Report Assessment Sheet**

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| **Group Name/Student Names: Group 8. CHRISTINE TAMBE, DHRUV PRASAD, RAFY PRALYADI, SAM PURLE, WILL HILLMAN**  **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. | 14 |

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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 | 5 |

Total mark allocated [out of 40]:25

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

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| A well written and well researched report. Your consumption figures are nicely summarized in the main text and you have included calculations in the appendix which is fine. I think your final consumption figure of 2.5MWh/day is reasonable and in the correct ballpark. I really liked your section on conservation and the neat way you carried out your calculations by scaling up from a family home. Nice idea and the savings are significant. Again interesting calculations for your energy sources – are your final figures reasonable? Some comment here would have been appropriate. Your costings are well summarized but I feel your payback period of 15years is too conservative and you could do better probably. Wind power is not especially appropriate on a city site and having more solar panels combining electrical production and space/water heating would improve your costings. You haven’t included in your report a summary of recommendations or installation timescales for your client. Remember, she is paying you to advise her! On the whole a good piece of work which you could have finished off better. |

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