**ME 371 Project Requirements (10 points)**

Each group of 4 students shall select a topic related to energy from the topics listed below or from your own, in an agreement with the instructor. A report is to be submitted electronically one day before the presentation. A ten minutes presentation (10 to 15 slides) is required and each member shall present. One group will be allowed to present during one of the classes, with a deadline of April, 4th, 2016.

The project report should be between 8 to 10 pages. The project format for the report is as follows. Starting with the cover page, give a title for your project together with your names, course number, semester, and submission date. The final report must be typeset on an 8.5×11 inch paper with a 12 point times-roman font (double-spaced with one-inch margin all around), number all figures and tables, page numbered, and have the following suggested sections:

Table of Content (with page number for all sections listed)

Abstract (about 100-150 words)

1. Introduction
2. Working principle
3. Potential, challenges and limitations
4. Applicability in Saudi Arabia
5. Case study
6. …. etc
7. Conclusions
8. Cited references
9. Nomenclature

Suggested topics:

1. Shale gas

2. Energy efficiency in Saudi Arabia

3. National renewable energy plan for Saudi Arabia

4. Biofuel

5. Zero energy houses

6. Hybrid cars

7. Nuclear power

8. Solar cooling using absorption chillers

9. Wind power

Helpful reference: (must be in university domain)

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