

Homework 2 (15 pts)

You are required to do a case study analysis on the HVAC projects performed by [Skylands Energy in Central New Jersey](https://www.skylandsenergy.com/case-studies). The case study should be based on the contents discussed in the class relating to different types of heating systems, heating system accessories, and building automation control systems. You are required to:

1. Select “**three**” projects out of the list of projects provided in this webpage: <https://www.skylandsenergy.com/case-studies>
2. Identify what is the situation and detect what issues are at stake by linking to your course theoretical readings.
3. Research several online resources based on the questions you have, what other information you need and what are all the possible options the construction company might have in that particular situation.
4. Conclude your analysis by playing the role/stepping into the shoes of the project manager of the projects you have chosen and elaborate on what alternatives were available as a decision-maker and why you have recommended to use the particular type of heating system/heating system accessories.

The case study analysis should be well organized and free from spelling and grammar mistakes. Limit each of your case study analysis to 2 pages (maximum of 6 pages for all three case studies). Students are encouraged to use headings and proper formatting to make it easier for the reader to follow the line of thought. The grading of the assignment will be based on its: technical content, writing style, and organization.

The assignment should be submitted by the deadline on Canvas using a word processing software. Paper and email submissions will not be accepted with no exceptions. The assignment will be tested using the services of Turnitin to **verify the authenticity and originality** of the work submitted as the student’s own.