



**Department of Electrical,
Computer, & Biomedical Engineering**
Faculty of Engineering & Architectural Science

COE/ELE 70B Milestones Compliance Report (MCR)

Project Title	Python Program for Ladder Iterative Load Flow
MCR Number	I or II or III or IV
Project Manager for the MCR period	Student A: Abrar Ahsan
Team Players for the MCR period	Student B: Parham Habibi Student C: Muhammad Shirazi Student D: Rehnuba Fairoj
Faculty Supervisor	Dr Balasubramanian Venkatesh

- Tasks/ Deliverables Outlined for the Reporting Period** (Provide detailed information on the tasks to be completed and deliverables for the reporting period as per the Milestone and Deliverables document submitted to your FLC)

Group: Complete the Data Parser and GUI and demonstrate them

Student A: Demonstrate the functionalities of the data parser

Student B: Demonstrate the functionalities of the data parser

Student C: Demonstrate the functionalities of the GUI

Student D: Demonstrate the functionalities of the GUI

- Progress Made in Reporting Period** (Provide detailed information on the progress that you (as a group and individual) made during the reporting period. You can include figures, datasheets, flowcharts etc. and additional information as requested by your FLC. You should use your progress to justify compliance to the tasks/deliverables outlined for the reporting period as per the Milestone and Deliverables document submitted to your FLC)

Group: Progress has been demoed with further upgrades on the GUI noted.

Student A: Completed the data parser and tested with 3, 10, 33 and 69 bus cases.

Student B: Completed the data parser and tested with 3, 10, 33 and 69 bus cases.

Student C: Completed the GUI to take the excel file path as well as the tolerance.

Student D: Completed the GUI to take the excel file path as well as the tolerance.

3. **Difficulties Encountered in Reporting Period** (Provide detailed information on the difficulties and issues that you encountered during the reporting period and how you have addressed or plan to address this in the following periods)

Group: Communication difficulties due to timezone issues. Remedied by frequent communication over text channels.

Student A: N/A

Student B: N/A

Student C: N/A

Student D: N/A

4. **Tasks/Deliverables to Be Completed in the Next Reporting Period** (Outline the tasks/deliverables to be completed in the next phase. This should match the Milestone and Deliverables to be submitted by the project manager of the next phase. However, in consultation with (and approval of) your FLC, you can modify this to accommodate incomplete tasks/deliverables from previous period before submitting the Milestones and Deliverables for the next phase. Here you should also identify the Project Manager for the next period)

Group: Complete the integration of the calculation engine, GUI and data parser. Confirm the output of the calculation engine using PandaPower

Student A: Demonstrate the functionalities of the calculation engine

Student B: Demonstrate the functionalities of the calculation engine

Student C: Extend the GUI to include messages

Student D: Extend the GUI to include messages