Ryerson University
Department of Electrical, Computer, & Biomedical Engineering
Faculty of Engineering & Architectural Science

COE/ELE 70AB Milestones Compliance Report (MCR)

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

1. **Tasks Outlined for the Reporting Period (e.g. MCR I – Weeks 4 & 5)** (Provide detailed information on the tasks to be completed for the reporting period as per the milestone submitted to your FLC in Week3)

Group:

1) **Integration of GUI, Data Parser and Calculation Engine.**
2) **Testing with various data sets to ensure valid functionality.**
3) **Milestone compliance report 4.**

Student A: Complete all testing with each of the components individually, integration and testing to ensure correct outputs with 33 bus data.

Student B: Complete all testing with each of the components individually, integration and testing to ensure correct outputs with 33 bus data.

Student C: Complete all testing with each of the components individually, integration and testing to ensure correct outputs with 33 bus data.

Student D: Complete all testing with each of the components individually, integration and testing to ensure correct outputs with 33 bus data.

Progress Made in Reporting Period (e.g. MCR I – Weeks 4 & 5) **(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 outlined for the reporting period as per the milestones submitted to your FLC in Week3)**

Group: Component integration and testing to ensure correct output.

Student A: Getting output data from calculation into excel file and running power loss/power flow calculation inclusion. Testing with 33 bus data to ensure correct output.

Student B: Getting output data from calculation into excel file and running power loss/power flow calculation inclusion. Testing with 33 bus data to ensure correct output.

Student C: Preview window integration and power loss/power flow calculation inclusion. Testing with 33 bus data to ensure correct output.

Student D: Preview window integration and power loss/power flow calculation inclusion. Testing with 33 bus data to ensure correct output.

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

Group: No issues encountered during final testing and integration phase

Student A: No difficulties, the whole program runs as per specified.

Student B: No difficulties, the whole program runs as per specified.

Student C: No difficulties, the whole program runs as per specified.

Student D: No difficulties, the whole program runs as per specified.

3. **Tasks to Be Completed in the Next Reporting Period** (Outline the tasks to be completed in the next reporting period. Please note this should match with your milestones submitted to your FLC in Week3, however in consultation with (and approval of) your FLC, you can modify this to accommodate incomplete tasks from previous period. Here you should also identify the Project Manager for the next period)
   1) **Group: N/A**

Student A: N/A.

Student B: N/A.

Student C: N/A.

Student D: N/A.