

Number of the Project		BV01	
Name of the Project		Python Program for Ladder Iterative Load Flow	
Date and Time		2021-11-05	
Attendance		1. Abrar Ahsan 2. Parham Habibi 3. Muhammad Shirazi 4. Rehnuba Fairoj	
Agenda for the Meeting		1. Understanding and carrying out load flow calculations by hand 2. Learning to use Panda Power for calculation verifications	
Milestone to be completed this week		1. Implement reading module to read data from excel sheets in IEEE Data Formats. This is then to be passed onto the calculation engine. 2. Implement a simple ladder-iterative load-flow calculation engine, having fixed inputs and printing outputs on terminal. 3. Build a basic GUI that allows user interaction. 4. Build a basic GUI that allows user interaction.	
Description of Work Completed last Week			
Member 1	Member 2	Member 3	Member 4
1. Understanding and carrying out handwritten calculations using given dataset 2. Incorporating Panda Power for verification 3. Data Parser Completed	1.Code was expanded for two bus systems to three bus systems. 2. Handwritten working based on given dataset	1. Panda Power For double checking ladder Iterative. 2. Carrying out handwritten calculations for ladder iterative. 3. Research increasing bus complexity	1. Panda Power For double checking ladder Iterative. 2. Carrying out handwritten calculations for ladder iterative. 3. Research increasing bus complexity
Description of Work to be Completed next Week			
Member 1	Member 2	Member 3	Member 4
1. Student A will combine with Student B and run tests on the calculation engine from Data Reader to Calculation Engine. 2. Attempt Handwritten calculation with branches	1. Student A will combine with Student B and run tests on the calculation engine from Data Reader to Calculation Engine. 2. Attempt Handwritten calculation with branches	1. Integrate Student A’s implementation with the GUI and run tests to ensure the inputs are moving into the system. 2. Attempt Handwritten calculation with branches	1.Run tests along with Student A and B. Run tests on Student C’s implementation. 2. Attempt Handwritten calculation with branches
Difficulties encountered		N/A	
Mitigation Plan if any		N/A	