

Number of the Project		BV01	
Name of the Project		Python Program for Ladder Iterative Load Flow	
Date and Time		2021-10-29	
Attendance		1. Abrar Ahsan 2. Parham Habibi 3. Muhammad Shirazi 4. Rehnuba Fairaj	
Agenda for the Meeting		1. Software Operation Flowchart expanded 2. Running through Load Flow Calculation	
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. Partial completion of Module implementation to read from excel and pass info to calculation engine. 2. In depth investigation of load flow calculations	1. Expand on the calculation engine to work with loads. 2. Further practice and research into ladder iterative load flow	1. In depth investigation of load flow calculations 2. Executed multi-bus calculations on paper to better learn to implement this into code.	1. In depth investigation of load flow calculations 2. Executed multi-bus calculations on paper to better learn to implement this into code.
Description of Work to be Completed next Week			
Member 1	Member 2	Member 3	Member 4
1.Implement reading module to read data from excel sheets in IEEE Data Formats. 2. Panda Power for verification	1. Increase calculation engine complexity 2. Researching on increasing complexity	1. Panda Power For double checking ladder Iterative. 2. Build a basic GUI that allows user interaction. 3. Researching on increasing complexity	1. Panda Power for checking solution 2. Build a basic GUI that allows user interaction. 3. Researching on increasing complexity
Difficulties encountered		N/A	
Mitigation Plan if any		N/A	