**EE5310 Project 2**

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**GitHub repository:** [EE5310\_PowerDynamics\_Proj2](https://github.com/marif5/EE5310_PowerDynamics_Proj2)

[main.jl](https://github.com/marif5/EE5310_PowerDynamics_Proj2/blob/main/main.jl) : Primary code

[ACPF.jl](https://github.com/marif5/EE5310_PowerDynamics_Proj2/blob/main/ACPF.jl) : AC Power Flow code

[function.jl](https://github.com/marif5/EE5310_PowerDynamics_Proj2/blob/main/functions.jl) : Function definitions

[GenData.jl](https://github.com/marif5/EE5310_PowerDynamics_Proj2/blob/main/GenData.jl): Data file

1. Question 1 results

A graph showing a graph of a graph

Description automatically generated with medium confidence A graph with blue lines

Description automatically generated

A graph showing a power injection

Description automatically generated A graph with blue lines

Description automatically generated

1. Q2 results

A graph of a diagram

Description automatically generated with medium confidence A graph with blue lines

Description automatically generated

1. Q3

A graph of a number of colored lines

Description automatically generated with medium confidence A graph with numbers and lines

Description automatically generated

A graph with red lines and blue lines

Description automatically generated

