

Main Simulator

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1 Overview

This project aims to simulate an advanced power system that involves transmission lines, transformers, buses, and other components of a power grid system.

2 Class Diagram

insert class diagram

3 Classes

3.1 Circuit

This class acts as the main source of controlling the flow of power throughout the system. It calls other methods and utilizes them to create objects and insert values for power flow analysis.

3.2 Bus