Introduction to B3 System

This is a team exercise using PowerWorld Simulator. You may use a small sample case provided with the software (B3LP.pwb or similar). Teams should have two to three students.

Find or compute the following information for the 3-bus system:

- For each generator: total cost function, marginal (or incremental) cost function, and operating limits.
- The thermal limit for each transmission line.
- The generation and load levels at each bus.
- For the home area at the current operating point: total cost, average cost, total losses, percent losses of total generation, system lambda, marginal cost of each generator.

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