- 🛳️ Computing known powers...
- 🔁 Calculating mismatch vector...
- 🟫 Forming Jacobian...
- 📍 Setting initial guess (flat or non-flat)...
- ⚙️ Starting Newton-Raphson iterations...
- ✅ Power flow converged in 9 iterations.
- 📊 Final Bus Voltages:
- Bus 1: |V| = 1.0000 pu, ∠ = 0.00°
- Bus 2: |V| = 0.9369 pu, ∠ = -4.44°
- Bus 3: |V| = 0.9205 pu, ∠ = -5.47°
- Bus 4: |V| = 0.9298 pu, ∠ = -4.70°
- Bus 5: |V| = 0.9267 pu, ∠ = -4.84°
- Bus 6: |V| = 0.9397 pu, ∠ = -3.95°
- Bus 7: |V| = 1.0000 pu, ∠ = 2.15°