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>> PS3_project
Enter the desired method to solve the problem (NR - GS)
Method: NR

ans =

  4×2 table

    BUS_NUMBER        VOLTAGE_Kv
    _____      _____

     "Bus 1"            230+0i
     "Bus 2"        225.92-3.8648i
     "Bus 3"        222.78-7.2733i
     "Bus 4"        234.52+6.2078i


ans =

  2×2 table

       SLACK_BUS_POWER                S
    _____      _____

    "Injected power (MVA)"       136.79+83.23i
    "Generated power (MVA)"      186.79+114.22i


ans =

  4×4 table

    LINE_NUMBER      LINE_FLOW_MVA      DIRECTION_OF_FLOW      LINE_LOSSES_MVA
    _____      _____    _____     _____

    "Line 1-2"        38.82+22.274i      "Bus 1 to Bus 2"       0.22757-8.9335i
    "Line 1-3"        97.974+60.956i     "Bus 1 to Bus 3"        1.0269-2.3799i
    "Line 4-3"        104.88+57.158i     "Bus 4 to Bus 3"        1.8268-3.4455i
    "Line 4-2"        133.12+74.937i     "Bus 4 to Bus 2"        1.7132+0.7945i

>>
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