Diagram, schematic

Description automatically generated

[ZeqS]= Ω

[ZeqL]= [ZeqS]

[YeqS]=

Three phase transformer rating: 6000 MVA, 12.47/2.4 kV, Z = 1+j0.6 %;

Infinite bus rating: Balanced three phase of 12.47 kV, line to line

Load= 750 kVA at 0.85 lagging power factor