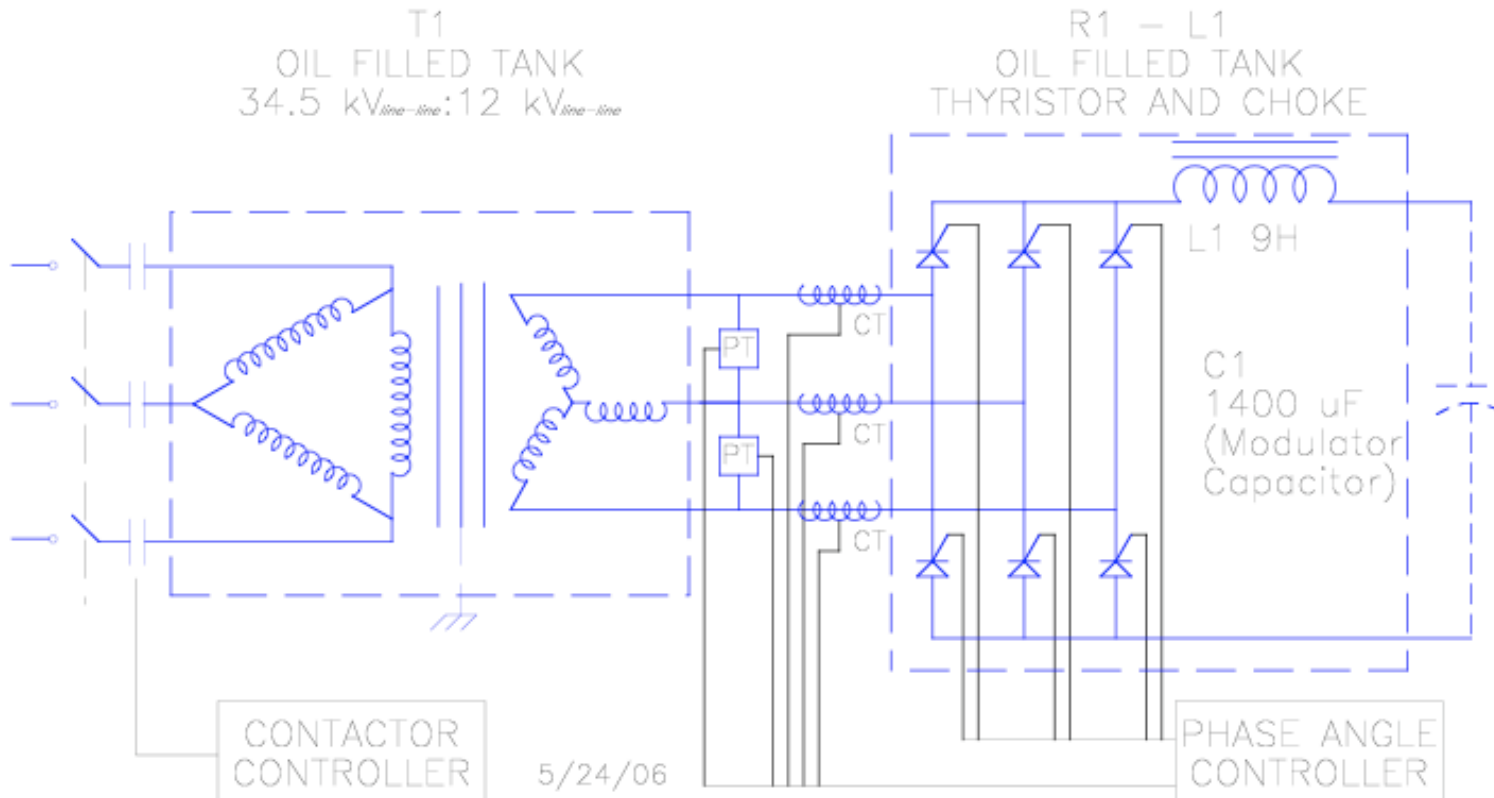


# Charging Supply Cost Estimate Model



# Estimated M&S Cost of R1-L1 Tank

- Assume Clay has cost of transformer / switchgear
  - Should the diagram show fuses? Current limiting device?
- Only have small quantity cost for estimate
- Estimate of Thyristor Assembly ~ 30k\$
  - Thyristor Quote of 18k\$ from only one vendor (ABB)
  - Includes trigger transformers and snubbers
- Estimate of Choke ~ 30k\$
  - Based on previous similar choke from Stangenes
- Estimate of Trigger Control Electronics ~ 10k\$
  - Based on recent purchase of 480V commercial unit
  - Includes 13.8 kV class voltage dividers and current transformers
- Previous M&S Estimate for Supply (small qty) ~ 80k\$