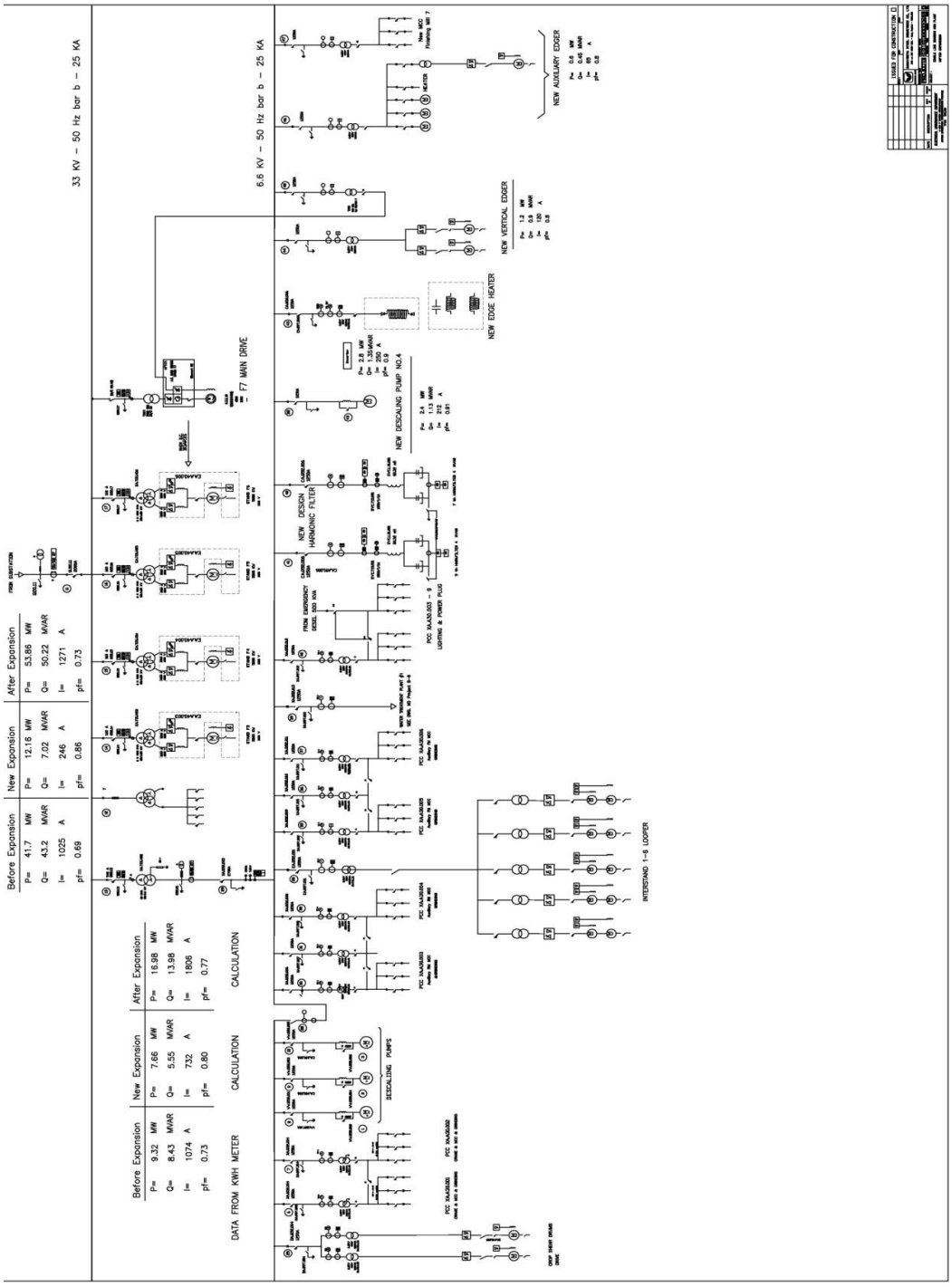
ภาคผนวก ก


33 KV – 50 Hz bar b – 25 KA
6.6 KV – 50 Hz bar b – 25 KA
Before Expansion
P= 41.7 MW
Q= 43.2 MVAR
I= 1025 A
pf= 0.69
New Expansion
P= 12.16 MW
Q= 7.02 MVAR
I= 246 A
pf= 0.86
After Expansion
P= 53.86 MW
Q= 50.22 MVAR
I= 1271 A
pf= 0.73
F7 MAIN DRIVE
NEW DESCALING PUMP NO.4
NEW DESIGN HARMONIC FILTER
NEW EDGE HEATER
NEW VERTICAL EDGER
NEW AUXILIARY EDGER
INTERSTAND 1-4 LOOPER
DESCALING PUMPS
DATA FROM KWH METER
Before Expansion
P= 9.32 MW
Q= 8.43 MVAR
I= 1074 A
pf= 0.73
New Expansion
P= 7.66 MW
Q= 5.55 MVAR
I= 732 A
pf= 0.80
CALCULATION
After Expansion
P= 16.98 MW
Q= 13.98 MVAR
I= 1806 A
pf= 0.77
CALCULATION