

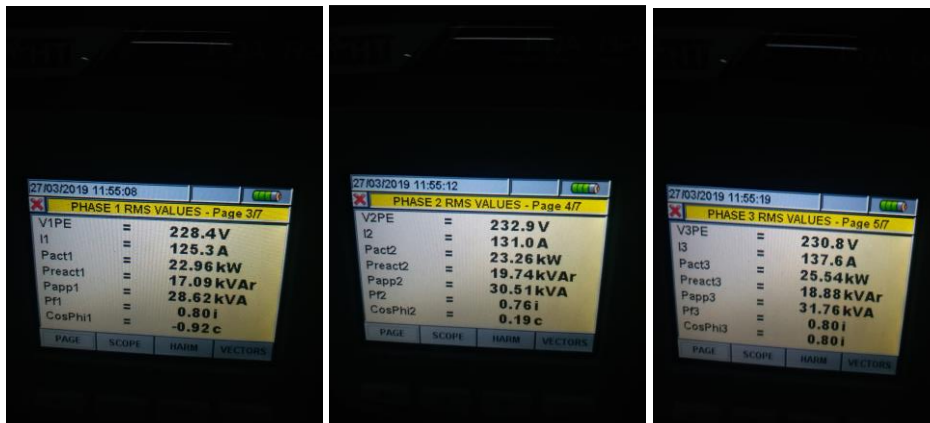
A case study which took place in one of the food processing factories in Amman, Jordan.

Testing ammonia compressor

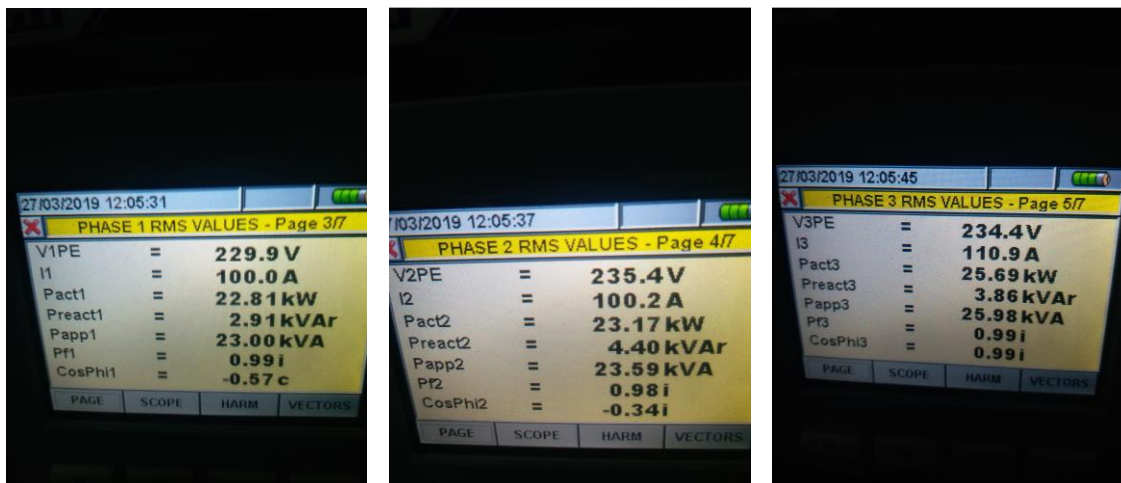
Date: 27/03/2019

Time: 11:30am – 12:30pm

Phases (1,2,3) Before the sizing



Phase (1,2,3) after sizing (With KVAR)



Total Amp reading before the sizing



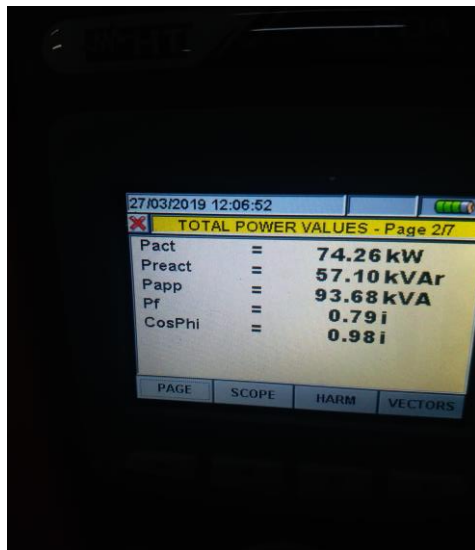
27/03/2019 12:07:03			
TOTAL RMS VALUES - Page 1/7			
V1PE	V2PE	V3PE	
229.1	233.7	232.5	V
V12	V23	V31	
400.1	403.9	400.3	V
NEG%	ZERO%	SEQ	Hz
100.0	0.0	132	49.9
I1	I2	I3	
129.4	134.6	142.0	A
PAGE	SCOPE	HARM	VECTORS

Total Amp reading after the sizing

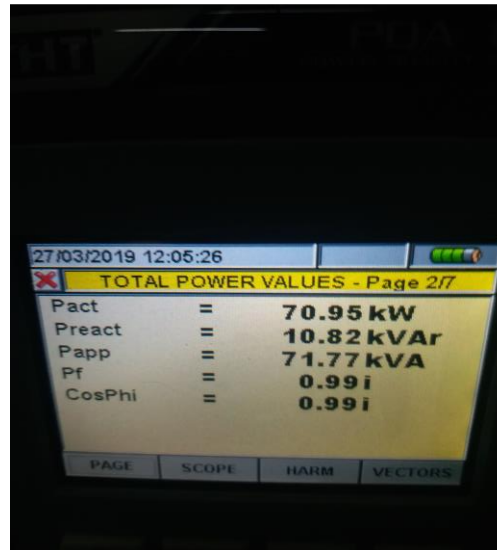


27/03/2019 12:04:23			
TOTAL RMS VALUES - Page 1/7			
V1PE	V2PE	V3PE	
230.2	234.6	233.1	V
V12	V23	V31	
401.8	405.0	401.9	V
NEG%	ZERO%	SEQ	Hz
100.0	0.0	132	50.0
I1	I2	I3	
105.1	104.9	114.4	A
PAGE	SCOPE	HARM	VECTORS

Total Power reading (With out KVAR Left, With KVAR Right)



27/03/2019 12:06:52	
TOTAL POWER VALUES - Page 2/7	
Pact	= 74.26 kW
Preact	= 57.10 kVAr
Papp	= 93.68 kVA
Pf	= 0.79 i
CosPhi	= 0.98 i
PAGE	SCOPE HARM VECTORS



27/03/2019 12:05:26	
TOTAL POWER VALUES - Page 2/7	
Pact	= 70.95 kW
Preact	= 10.82 kVAr
Papp	= 71.77 kVA
Pf	= 0.99 i
CosPhi	= 0.99 i
PAGE	SCOPE HARM VECTORS