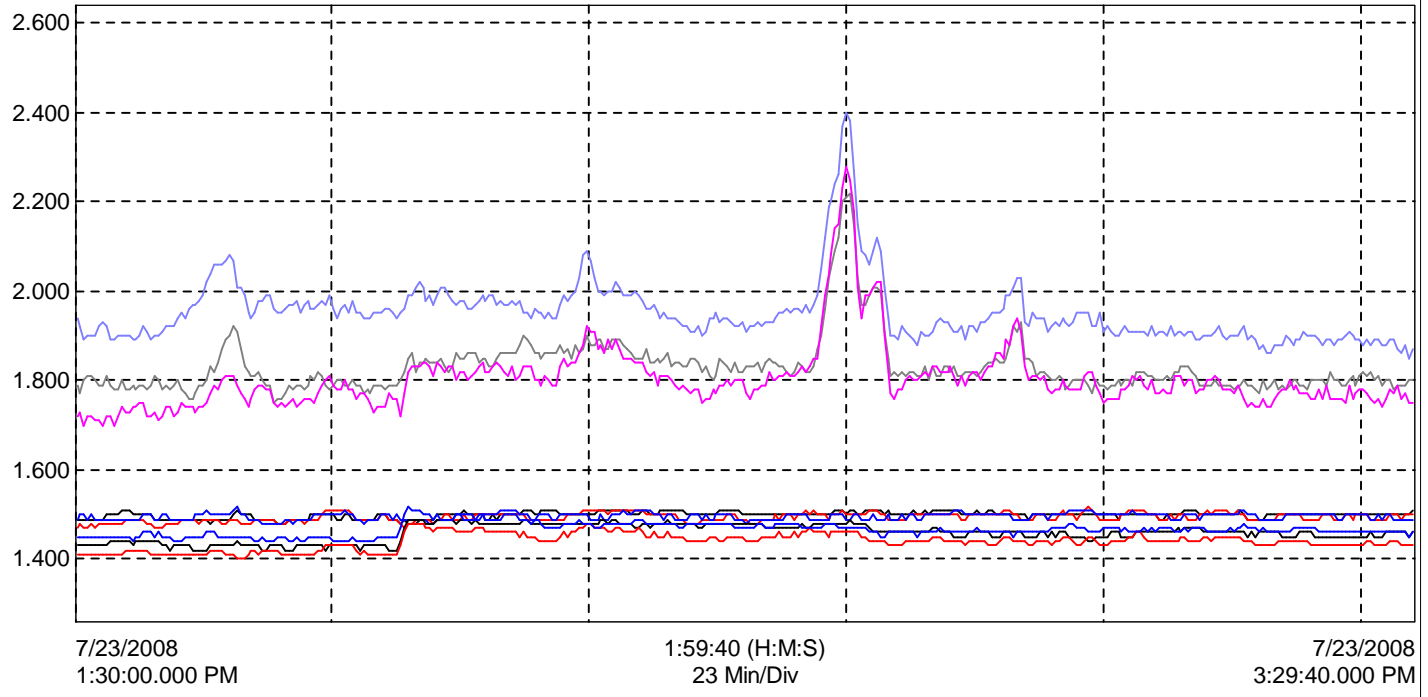


GEC Make, 40 HP, 6 Pole Motor Study Report

<p>Operator Shailesh Agrawal Associates Shashibhushan Subhash Agrawal Kapil Building, Opp. Dr. Naik's X-ray clinic New Bhagwat Plots Akola, Maharashtra 444005 9422161638</p>	<p>Test Site Shakambari Industries Mr Sandeep Khowal NH-6, Balapur Road Akola, Maharashtra 444005</p>
<p>Comments 40 HP GEC Make 960 RPM Electric Motor Trial for Comparison with Baldor 30 HP motor</p>	

Channel Name: Acf Line1

Energy Auditor : Shashibhushan S Agrawal ;B.E.(Mech); AMI E; Certified Energy Auditor (EA-1090)



Name	Date	Time	Avg	Min	Max	Units
Acf Line1	7/23/2008	1:30:00.000 PM	1.8303	1.7500	2.2200	
Acf Line2	7/23/2008	1:30:00.000 PM	1.8036	1.7000	2.2800	
Acf Line3	7/23/2008	1:30:00.000 PM	1.9518	1.8500	2.4000	
Ucf Line1	7/23/2008	1:30:00.000 PM	1.4995	1.4800	1.5100	
Ucf Line2	7/23/2008	1:30:00.000 PM	1.4948	1.4700	1.5200	
Ucf Line3	7/23/2008	1:30:00.000 PM	1.4964	1.4800	1.5200	
Vcf Line1	7/23/2008	1:30:00.000 PM	1.4584	1.4200	1.4900	
Vcf Line2	7/23/2008	1:30:00.000 PM	1.4392	1.4000	1.4800	
Vcf Line3	7/23/2008	1:30:00.000 PM	1.4660	1.4400	1.5200	

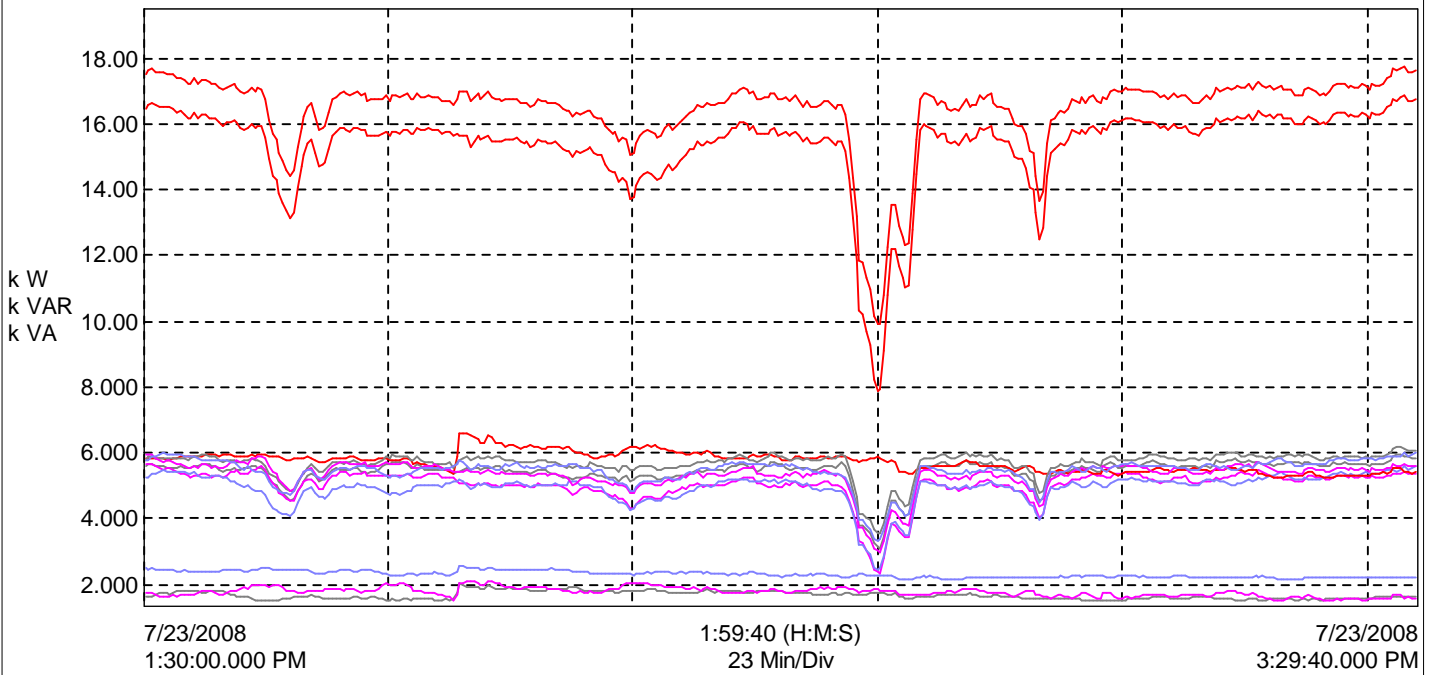
7/23/2008 - 1:30:00.000 PM

Val

- 1.490 — Ucf Line1
- 1.470 — Ucf Line2
- 1.490 — Ucf Line3
- 1.430 — Vcf Line1
- 1.410 — Vcf Line2
- 1.450 — Vcf Line3
- 1.790 — Acf Line1
- 1.720 — Acf Line2
- 1.940 — Acf Line3

Channel Name: VA Line1
VoltageRatio: 1.000
CurrentRatio: 1.000

Energy Auditor : Shashibhushan S Agrawal ;B.E.(Mech); AMI E; Certified Energy Auditor (EA-1090)



Name	Date	Time	Avg	Min	Max	Units
VA Line1	7/23/2008	1:30:00.000 PM	5.6732	3.5634	6.1795	k VA
VA Line2	7/23/2008	1:30:00.000 PM	5.3274	2.9396	5.9333	k VA
VA Line3	7/23/2008	1:30:00.000 PM	5.4395	3.3240	5.9908	k VA
VA Sum of Phases	7/23/2008	1:30:00.000 PM	16.440	9.8903	17.728	k VA
VAR Line1	7/23/2008	1:30:00.000 PM	1.6620	1.4757	2.0036	k VAR
VAR Line2	7/23/2008	1:30:00.000 PM	1.7656	1.4922	2.1086	k VAR
VAR Line3	7/23/2008	1:30:00.000 PM	2.3005	2.1358	2.5484	k VAR
VAR Sum of Phases	7/23/2008	1:30:00.000 PM	5.7281	5.2378	6.5671	k VAR
W Line1	7/23/2008	1:30:00.000 PM	5.4208	3.0971	5.9607	k W
W Line2	7/23/2008	1:30:00.000 PM	5.0200	2.3162	5.6661	k W
W Line3	7/23/2008	1:30:00.000 PM	4.9226	2.4097	5.5743	k W
W Sum of Phases	7/23/2008	1:30:00.000 PM	15.363	7.8953	16.864	k W

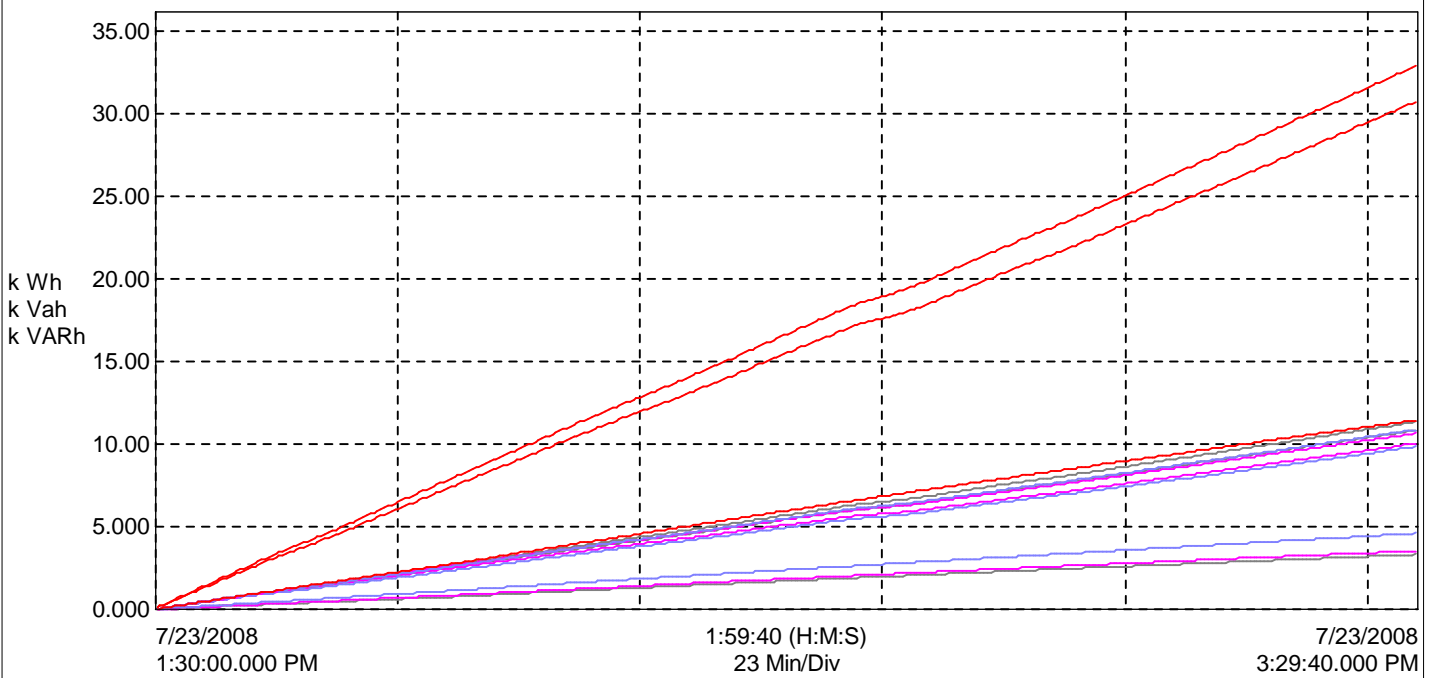
7/23/2008 - 1:30:00.000 PM
Val
5.572k — W Line1
5.654k — W Line2
5.220k — W Line3
16.45k — W Sum of Phases
1.595k — VAR Line1
1.745k — VAR Line2
2.477k — VAR Line3
5.817k — VAR Sum of Phases
5.796k — VA Line1
5.918k — VA Line2
5.778k — VA Line3
17.49k — VA Sum of Phases

Channel Name: VA-hours Line1

VoltageRatio: 1.000

CurrentRatio: 1.000

Energy Auditor : Shashibhushan S Agrawal ;B.E.(Mech); AMI E: Certified Energy Auditor (EA-1090)



Name	Date	Time	Max	Units
VA-hours Line1	7/23/2008	1:30:00.000 PM	11.346k	Vah
VA-hours Line2	7/23/2008	1:30:00.000 PM	10.655k	Vah
VA-hours Line3	7/23/2008	1:30:00.000 PM	10.879k	Vah
VA-hours Sum of Phases	7/23/2008	1:30:00.000 PM	32.880k	Vah
VAR-hours Line1	7/23/2008	1:30:00.000 PM	3.3241k	VARh
VAR-hours Line2	7/23/2008	1:30:00.000 PM	3.5311k	VARh
VAR-hours Line3	7/23/2008	1:30:00.000 PM	4.6010k	VARh
VAR-hours Sum of Phases	7/23/2008	1:30:00.000 PM	11.456k	VARh
W-hours Line1	7/23/2008	1:30:00.000 PM	10.842k	Wh
W-hours Line2	7/23/2008	1:30:00.000 PM	10.040k	Wh
W-hours Line3	7/23/2008	1:30:00.000 PM	9.8451k	Wh
W-hours Sum of Phases	7/23/2008	1:30:00.000 PM	30.727k	Wh

7/23/2008 - 1:30:00.000 PM

Val

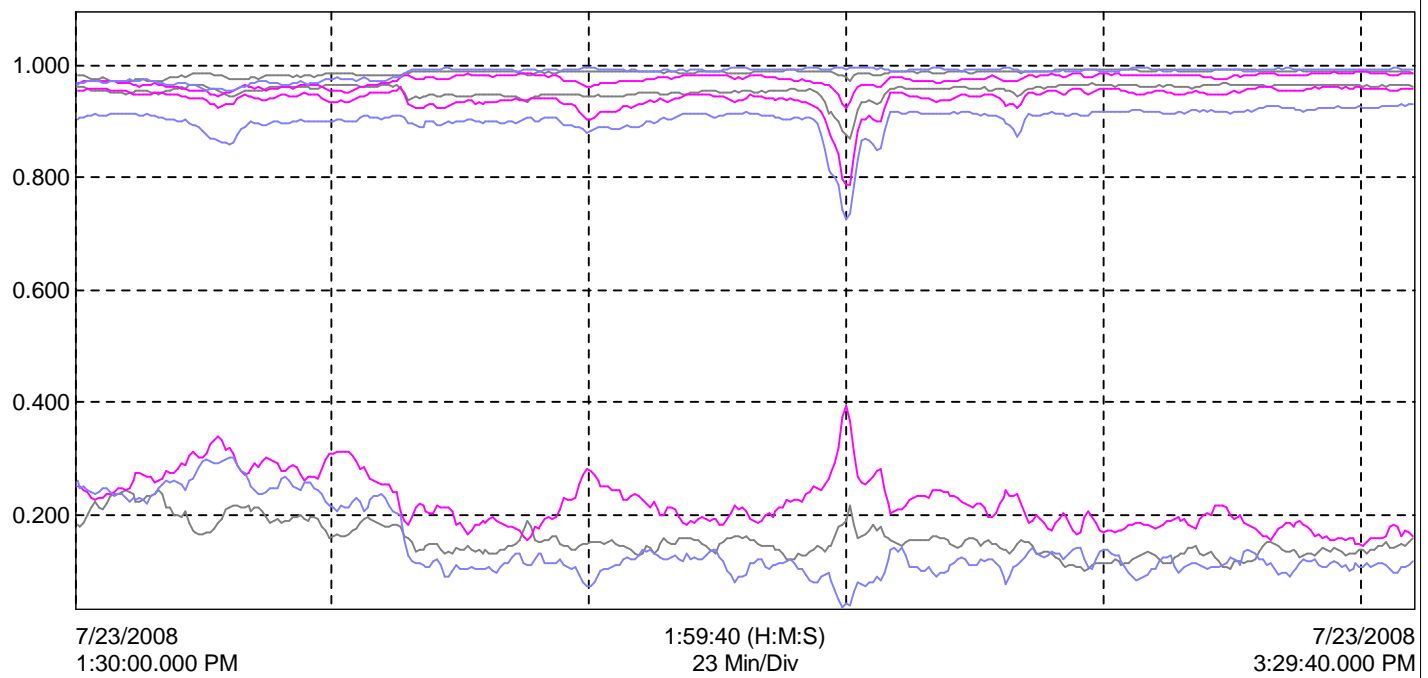
- 30.95 — W-hours Line1
- 31.41 — W-hours Line2
- 29.00 — W-hours Line3
- 91.37 — W-hours Sum of Phases
- 32.20 — VA-hours Line1
- 32.88 — VA-hours Line2
- 32.10 — VA-hours Line3
- 97.17 — VA-hours Sum of Phases
- 8.860 — VAR-hours Line1
- 9.700 — VAR-hours Line2
- 13.76 — VAR-hours Line3
- 32.31 — VAR-hours Sum of Phases

Channel Name: DPF Line1

VoltageRatio: 1.000

CurrentRatio: 1.000

Energy Auditor : Shashibhushan S Agrawal ;B.E.(Mech); AMI E; Certified Energy Auditor (EA-1090)



Name	Date	Time	Avg	Min	Max	Units
DPF Line1	7/23/2008	1:30:00.000 PM	0.986	0.970	0.993	
DPF Line2	7/23/2008	1:30:00.000 PM	0.973	0.925	0.988	
DPF Line3	7/23/2008	1:30:00.000 PM	0.986	0.954	0.995	
PF Line1	7/23/2008	1:30:00.000 PM	0.954	0.869	0.967	
PF Line2	7/23/2008	1:30:00.000 PM	0.940	0.786	0.961	
PF Line3	7/23/2008	1:30:00.000 PM	0.903	0.725	0.930	
Tan Line1	7/23/2008	1:30:00.000 PM	0.155	0.101	0.244	
Tan Line2	7/23/2008	1:30:00.000 PM	0.222	0.146	0.394	
Tan Line3	7/23/2008	1:30:00.000 PM	0.143	35.000m	0.302	

7/23/2008 - 1:30:00.000 PM
 Val
 0.961 — PF Line1
 0.955 — PF Line2
 0.903 — PF Line3
 0.982 — DPF Line1
 0.969 — DPF Line2
 0.966 — DPF Line3
 0.181 — Tan Line1
 0.249 — Tan Line2
 0.260 — Tan Line3