



Load Study Report

at

ABC Company
123 Main Street
Phoenix, Arizona

for

Facility Engineer

of

ABC Company
123 Main Street
Phoenix, AZ 85009



July 21, 2009

ABC Company
123 Main Street
Phoenix, AZ 85009

Subject: TR-9000

Load Study Report

Site Location:

ABC Company
123 Main Street
Phoenix, Arizona

Attention: Facility Engineer

1.0 Summary:

1.1 This project was initiated at the request of Facility Engineer of ABC Company. The work was performed under verbal agreement. All monitoring was conducted between July 17, 2009 and July 20, 2009 by Jerry Lindley of Arizona Electrical Testing. The data collected has been included with this report.

2.0 Scope:

2.1 One (1) 72-hour Load Study

2.1.1 Panel A

3.0 Procedures:

3.1 Load Studies

3.1.1 Performed a seventy-two hour load study of the specified equipment. Provided report specifying currents, voltages, VA, Watts and 3-phase power factor of the loads monitored.

4.0 Results:

4.1 The Summit Powersite Monitor collects data continuously. Every fifteen minutes a summary of the measurements is recorded. The minimum, average and maximum values are collected for each monitoring parameter. The graphs included with this report indicate the average readings for each fifteen-minute recording interval with the exception of the Peak Instantaneous Current readings in the last column of the Current Graph page. This column reflects the max current value for each phase recorded throughout the monitoring period.

4.2 The following Peak Demands were recorded:

Equipment Load Designation	3Φ Peak Demand True Power	3Φ Peak Demand Apparent Power
Panel A	23,878	25,478

4.3 The data collected has been included with this report. Please call if you have any questions regarding the data.

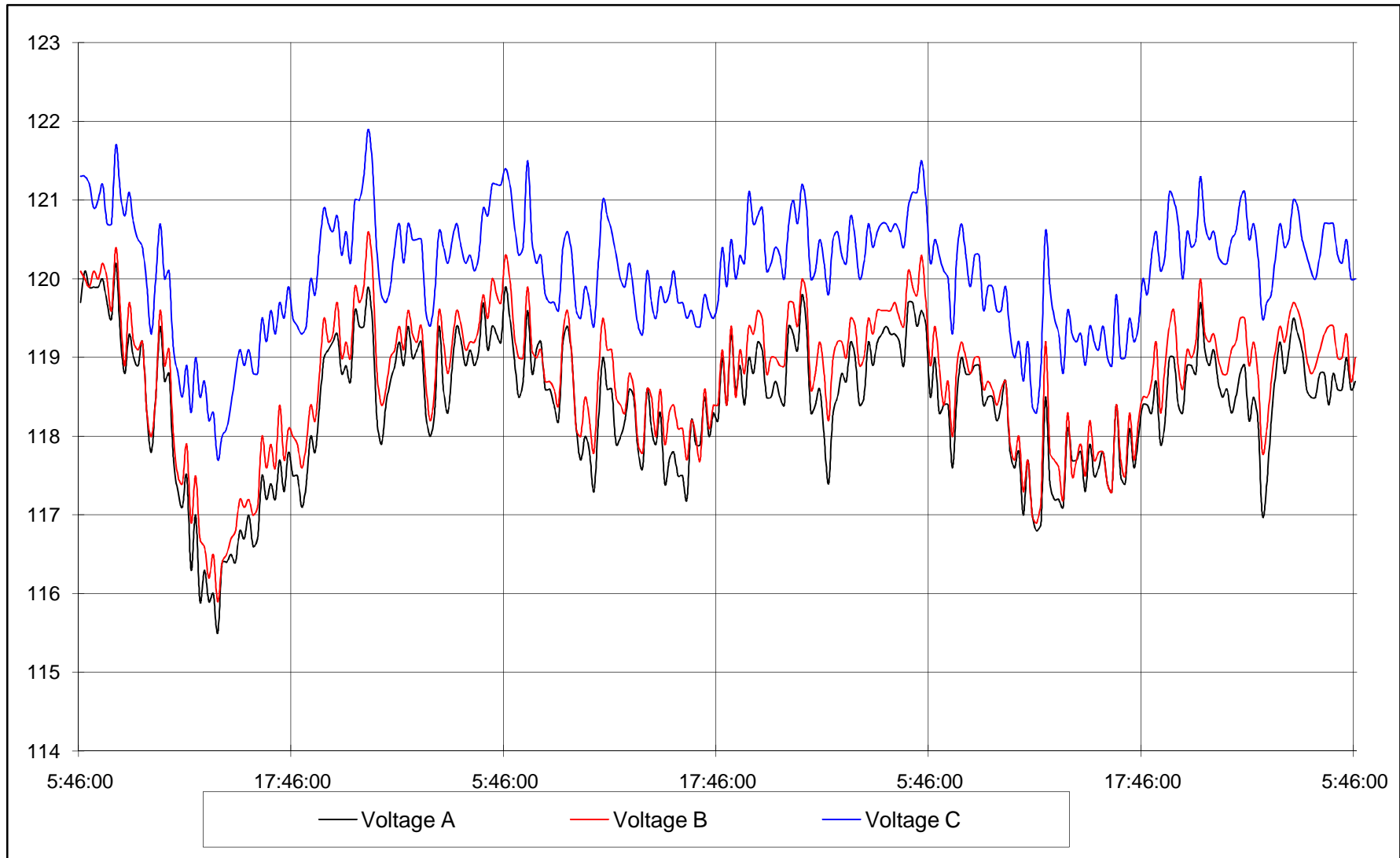
Sincerely,



Jerry Lindley

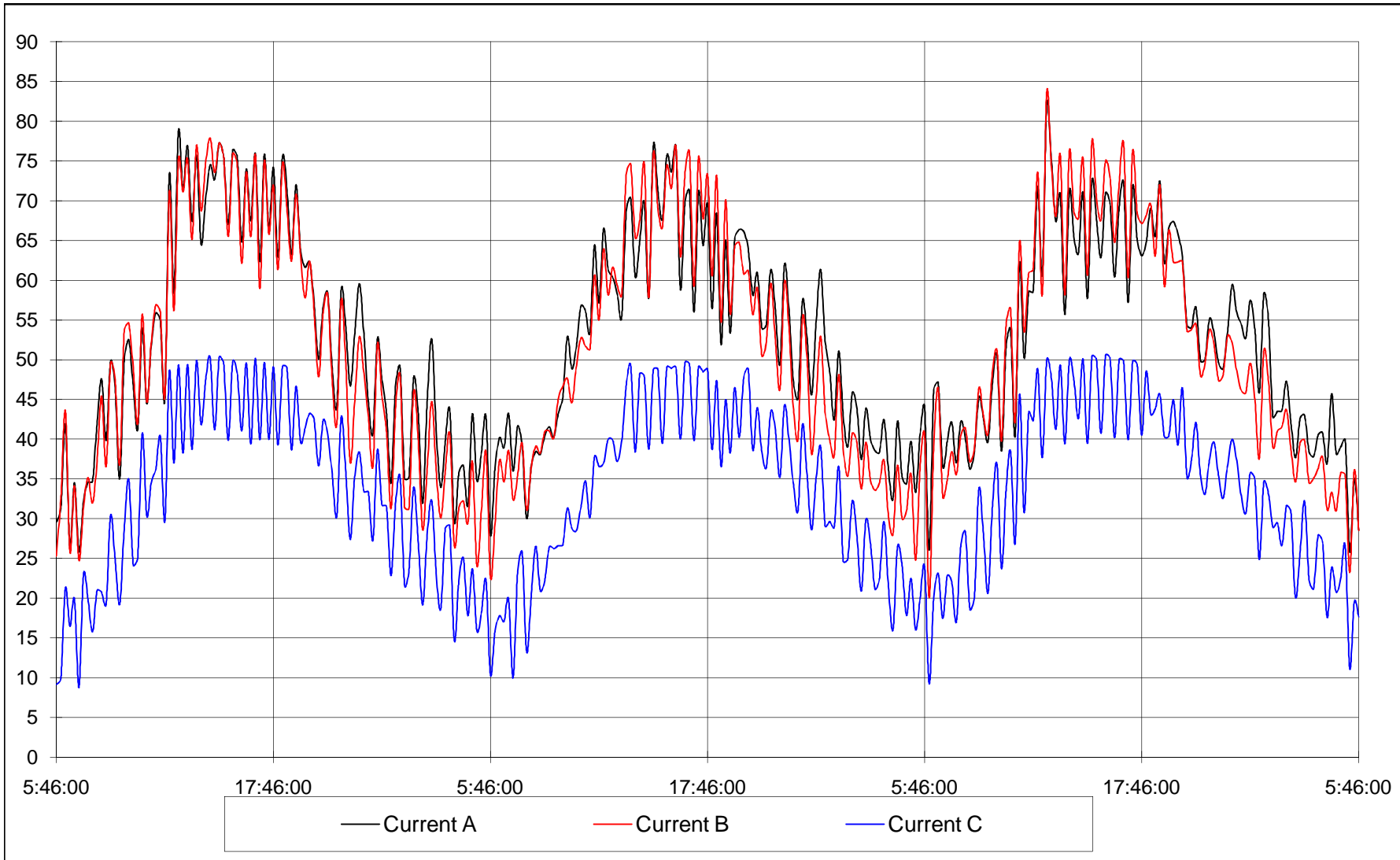
Attachments: Seven pages of graphs

Panel A ABC Company



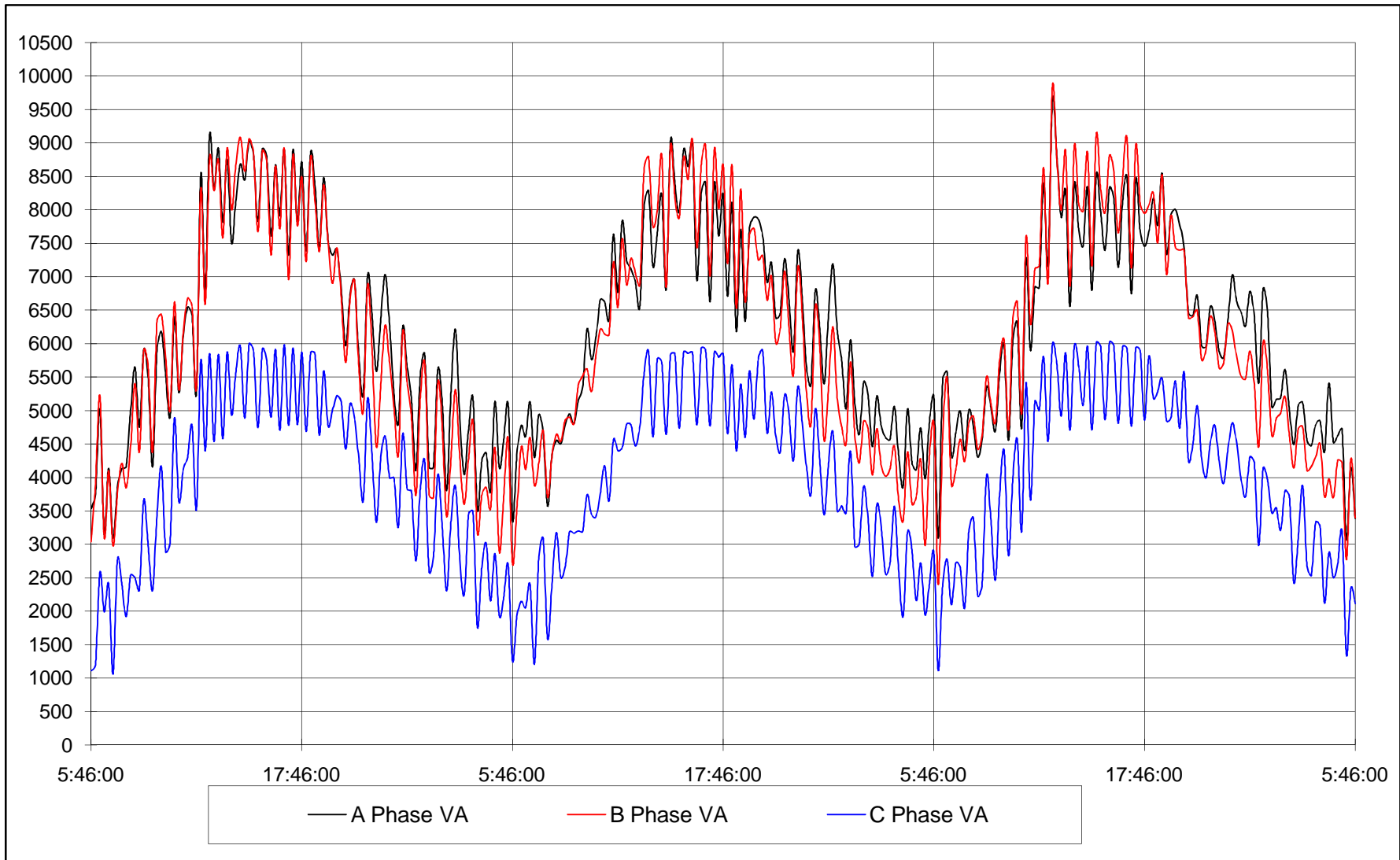
Start Date & Time	7/17/09 5:46:00		End Date & Time	7/20/09 5:46:00	
Phase	Voltage A		Voltage B		Voltage C
Minimum	115.5		115.9		117.7
Average	118.4		118.7		120.1
Maximum	120.2		120.6		121.9

Panel A
ABC Company



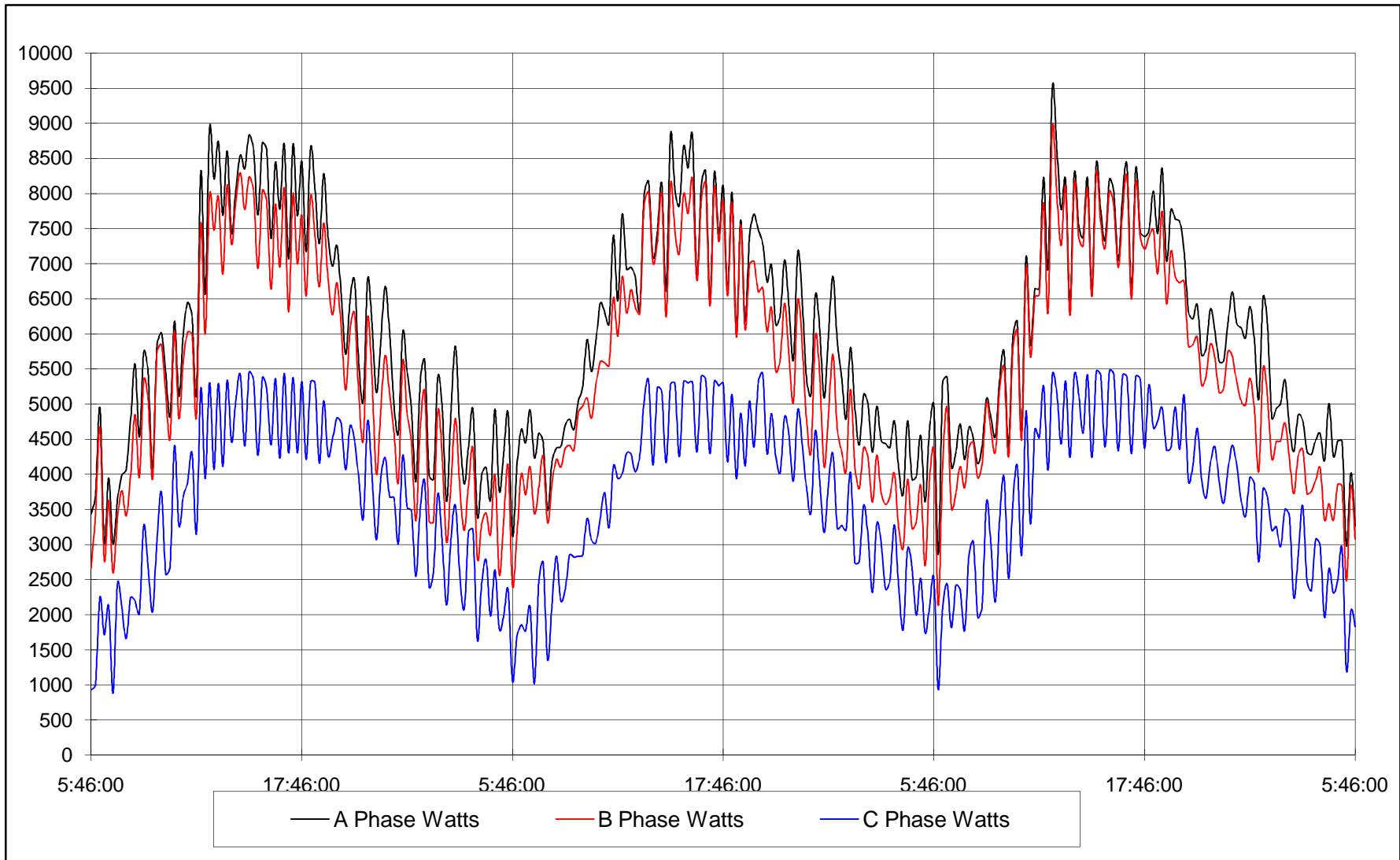
Start Date & Time	7/17/09 5:46:00			End Date & Time	7/20/09 5:46:00		
Phase	Current A	Current B	Current C	Peak Instantaneous Currents	Phase A	Phase B	Phase C
Minimum	25.8	20.1	8.8		163.6	154.7	89.2
Average	52.6	51.1	33.7				
Maximum	82.1	83.6	50.6				

Panel A
ABC Company



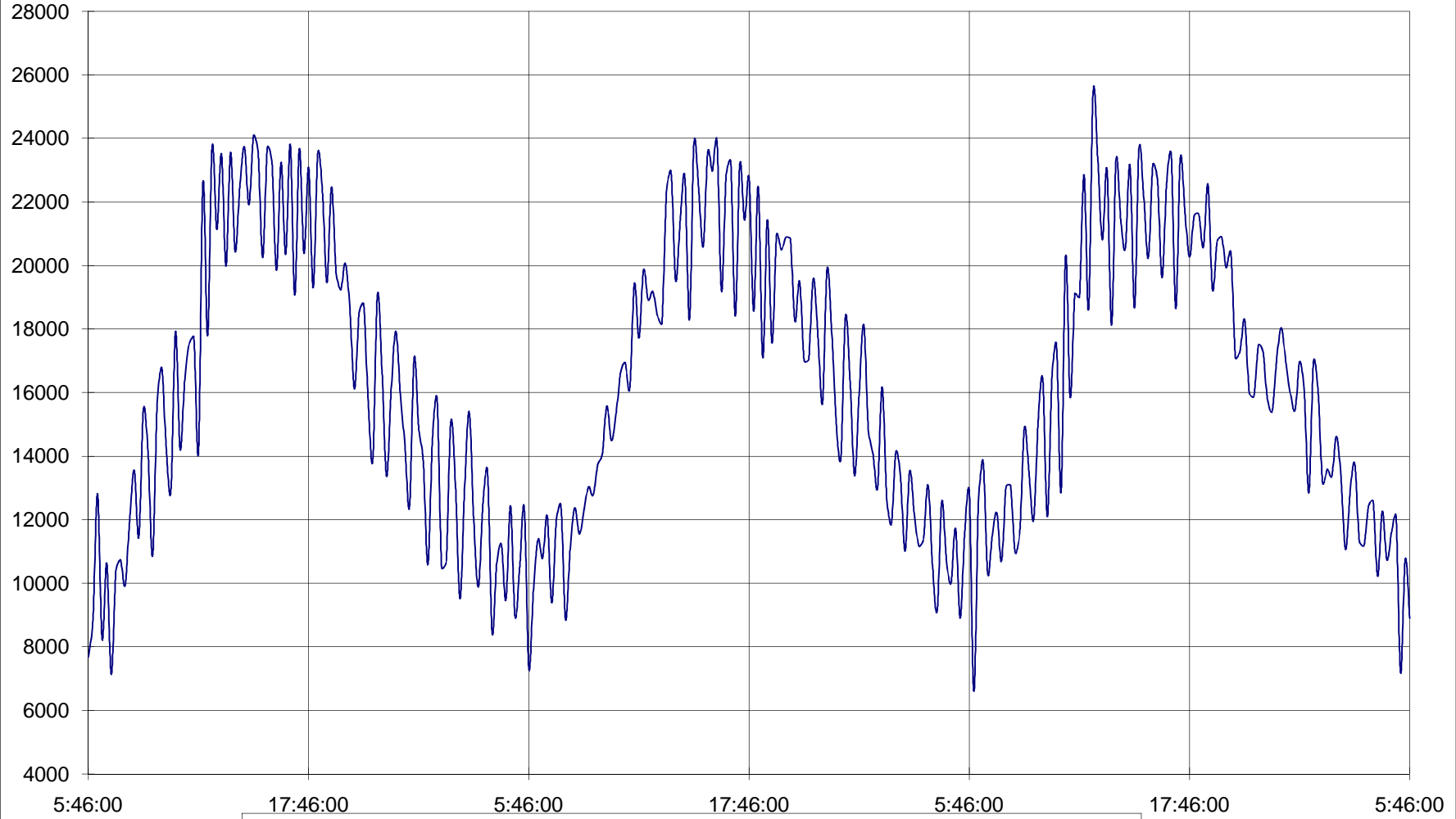
Start Date & Time	7/17/09 5:46:00		End Date & Time	7/20/09 5:46:00	
Phase	A Phase VA		B Phase VA		C Phase VA
Minimum	3,072.0		2,398.4		1,063.2
Average	6,217.4		6,047.5		4,041.6
Maximum	9,644.8		9,843.2		6,020.8

Panel A ABC Company



Start Date & Time	7/17/09 5:46:00		End Date & Time	7/20/09 5:46:00	
Phase	A Phase Watts		B Phase Watts		C Phase Watts
Minimum	2,860.8		2,136.0		886.4
Average	6,010.0		5,480.1		3,664.9
Maximum	9,516.8		8,940.8		5,477.6

VA Peak Demand



— Average Total VA

Total VA

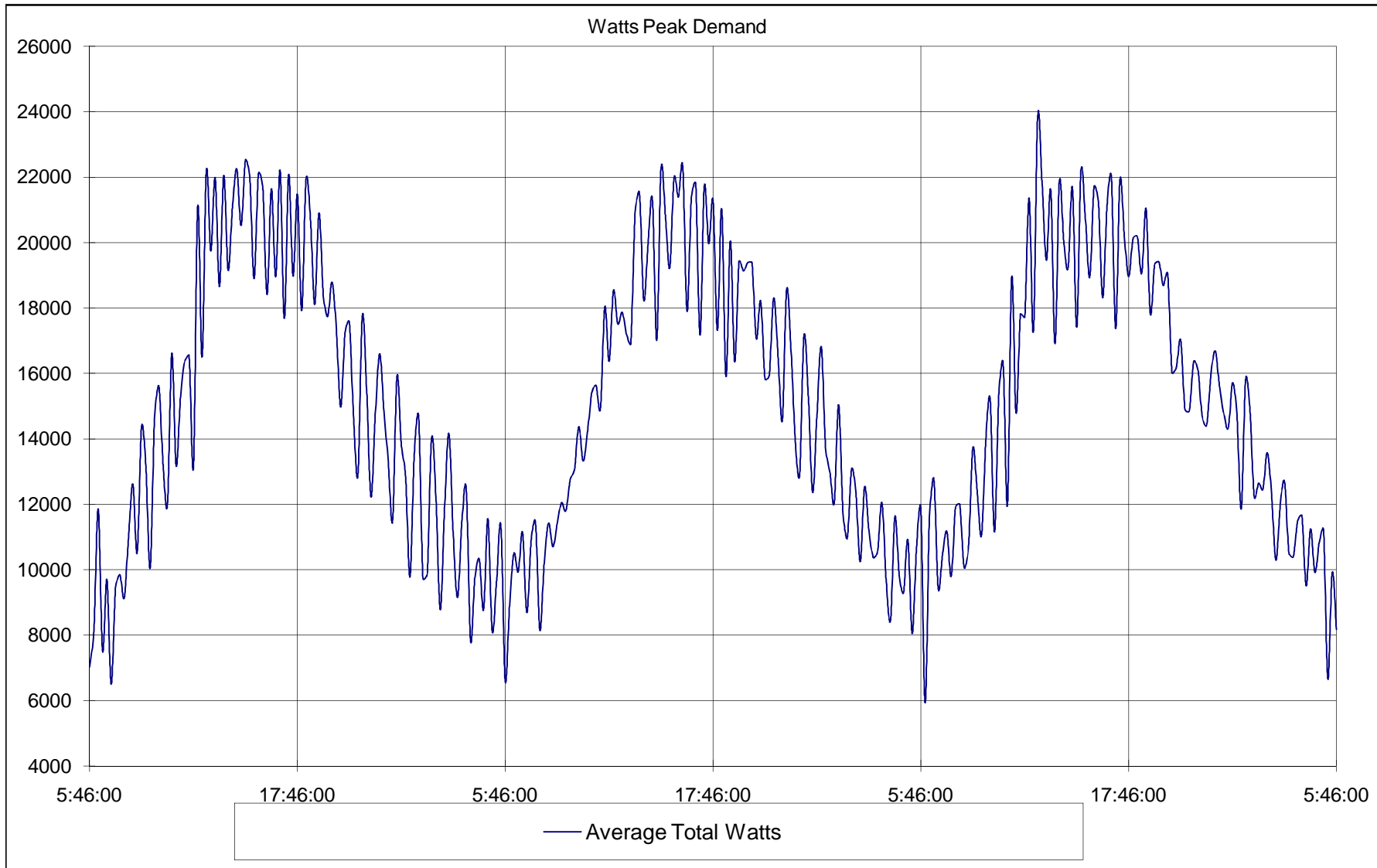
Minimum 6605

Average 16307

3 ϕ Peak Demand 25478

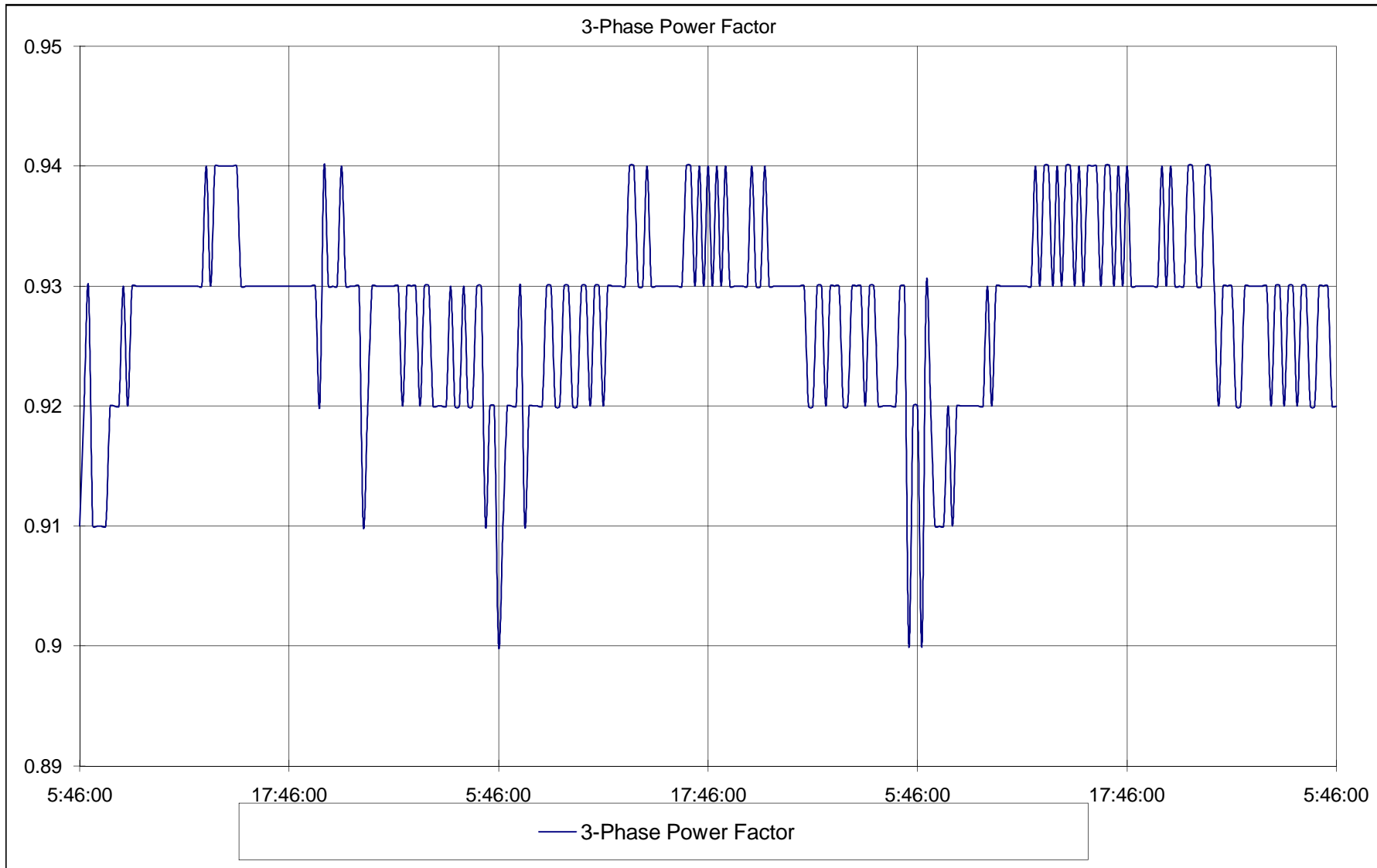
Start Date & Time	7/17/09 5:46:00	End Date & Time	7/20/09 5:46:00
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Panel A ABC Company



Average Total Watts		Minimum 5933	Average 15155	3ϕ Peak Demand 23878
Start Date & Time	7/17/09 5:46:00	End Date & Time	7/20/09 5:46:00	

Panel A ABC Company



3-Phase Power Factor		Minimum 0.90	Average 0.93	Maximum 0.94
Start Date & Time	7/17/09 5:46:00	End Date & Time	7/20/09 5:46:00	