



Profile Energy Survey
23/06/2017 00:00 to 30/06/2017 24:00

Profile Energy Survey Summary Report

Profile Energy Survey

Start: 23/06/2017 00:00

End: 30/06/2017 24:00

Consumption		kWh	kVAh	kVArh	Current (Amps)	Phase 1	Phase 2	Phase 2	
Total for Survey Period		7,557.35	7,808.75	1,155.71	Peak Period Amps	111.15	112.11	72.01	
Night Time Consumption		1,808.49	1,892.86	378.12	Min Period Amps	37.9	40.73	25.5	
Day Time Consumption		5,748.86	5,915.89	777.58	Ave Period Amps	59.74	67.35	40	
Average Weekday		946.07	973.59	98.21	Power Factor				
Average Sunday		1,056.09	1,096.17	286.99					
Average Saturday		824.85	871.04	279.5		Peak Period PF	1	1	1
Projected (30 day) Month		28,340.06	29,282.8	4,333.91		Min Period PF	0.9	0.92	0.8
Projected Year		344,804.09	356,274.04	52,729.27					
					Phase Balance				
Period Demand (3 Phase)		kW	kVA	kVAr	PF				
Peak Period Demand		68.4	69.39	14.5	1	Average kW	35.77%	40.62%	23.61%
Min Period Demand		26.67	27.59	-12.39	0.91	Average kVA	35.8%	40.35%	23.97%
Ave Period Demand		39.36	40.67	6.02	0.96	Average kVAr	42.42%	34.19%	23.39%
						Average Amps	35.75%	40.31%	23.94%
Voltage (Volts)					Pulse Inputs				
Peak Period Voltage	247.5	Lowest Period Voltage	239.5		Pulse Input 1 Total	1	Pulse Input 2 Total	0	

Energy Consumption

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kWh	Phase 1	Phase 2	Phase 3	Circuit Total
Total For Survey Period	2,703.21	3,069.75	1,784.39	7,557.35
Night Time Consumption*	667.69	722.8	418.01	1,808.49
Day Time Consumption*	2,035.53	2,346.95	1,366.38	5,748.86
Average Weekday	343.16	383.21	219.69	946.07
Average Sunday	361.85	431.41	262.82	1,056.09
Average Saturday	282.4	339.05	203.4	824.85
Projected (30 day) Month**	10,137.06	11,511.54	6,691.46	28,340.06
Projected Year**	123,334.18	140,057.12	81,412.79	344,804.09

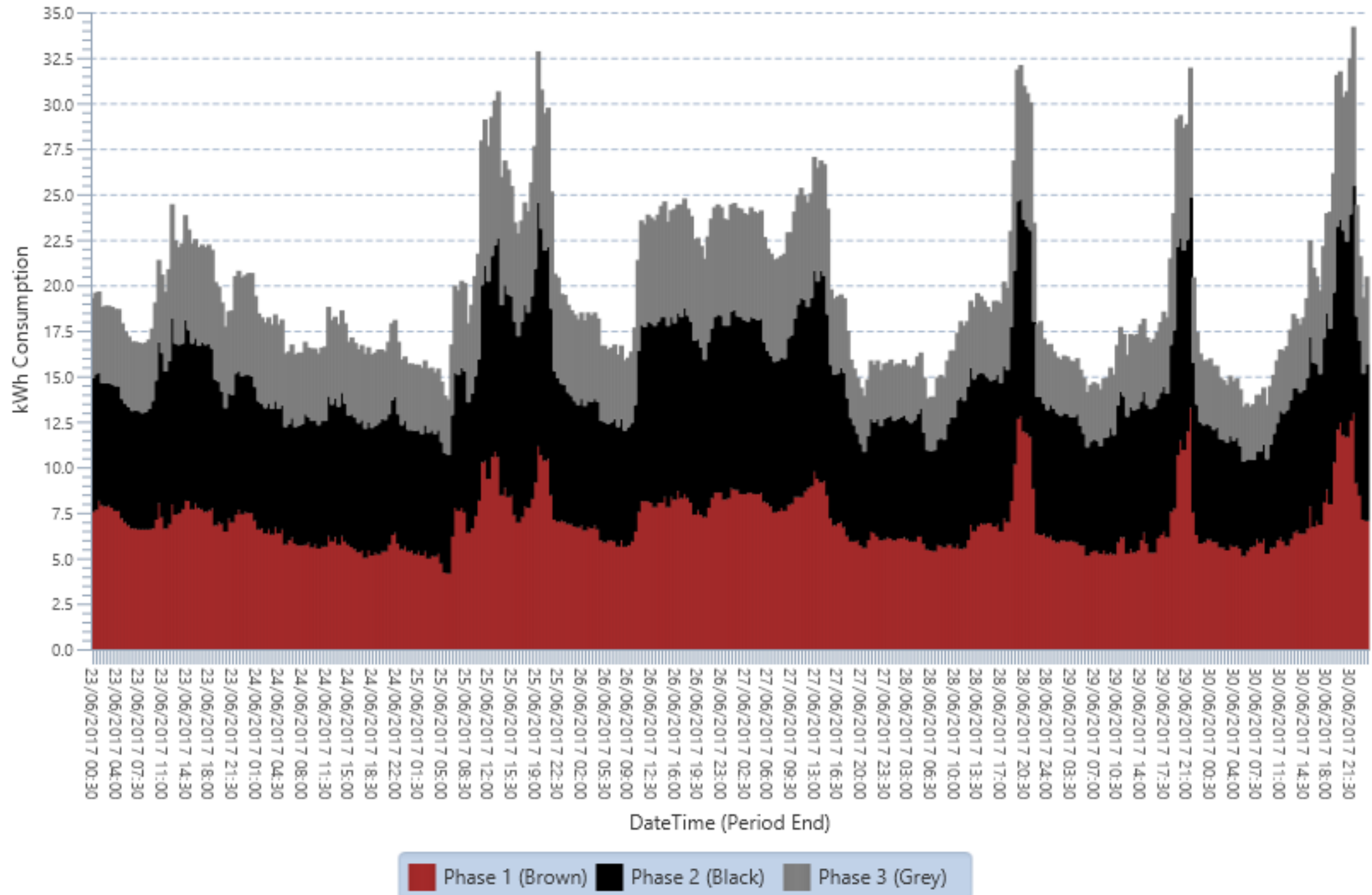
kVAh				
Total For Survey Period	2,795.61	3,151.1	1,871.62	7,808.75
Night Time Consumption*	698.42	749.44	749.44	1,892.86
Day Time Consumption*	2,097.2	2,401.66	1,423.26	5,915.89
Average Weekday	352.62	392.17	230.17	973.59
Average Sunday	379.86	444.25	272.86	1,096.17
Average Saturday	300.03	353.85	217.76	871.04
Projected (30 day) Month**	10,483.55	11,816.61	7,018.56	29,282.8
Projected Year**	127,549.88	143,768.81	85,392.53	356,274.04

kVArh				
Total For Survey Period	490.28	395.11	270.32	1,155.71
Night Time Consumption*	156.06	126.41	95.66	378.12
Day Time Consumption*	334.22	268.7	174.66	777.58
Average Weekday	46.13	31.61	20.46	98.21
Average Sunday	112.49	104.41	70.08	286.99
Average Saturday	101	101.01	77.48	279.5
Projected (30 day) Month**	1,838.55	1,481.66	1,013.7	4,333.91
Projected Year**	22,369.02	18,026.89	12,333.35	52,729.27

*Night time is defined as 00:00 to 07:00. **Projected figures work on whole days only. They may be inaccurate if the report includes only parts of a some days.

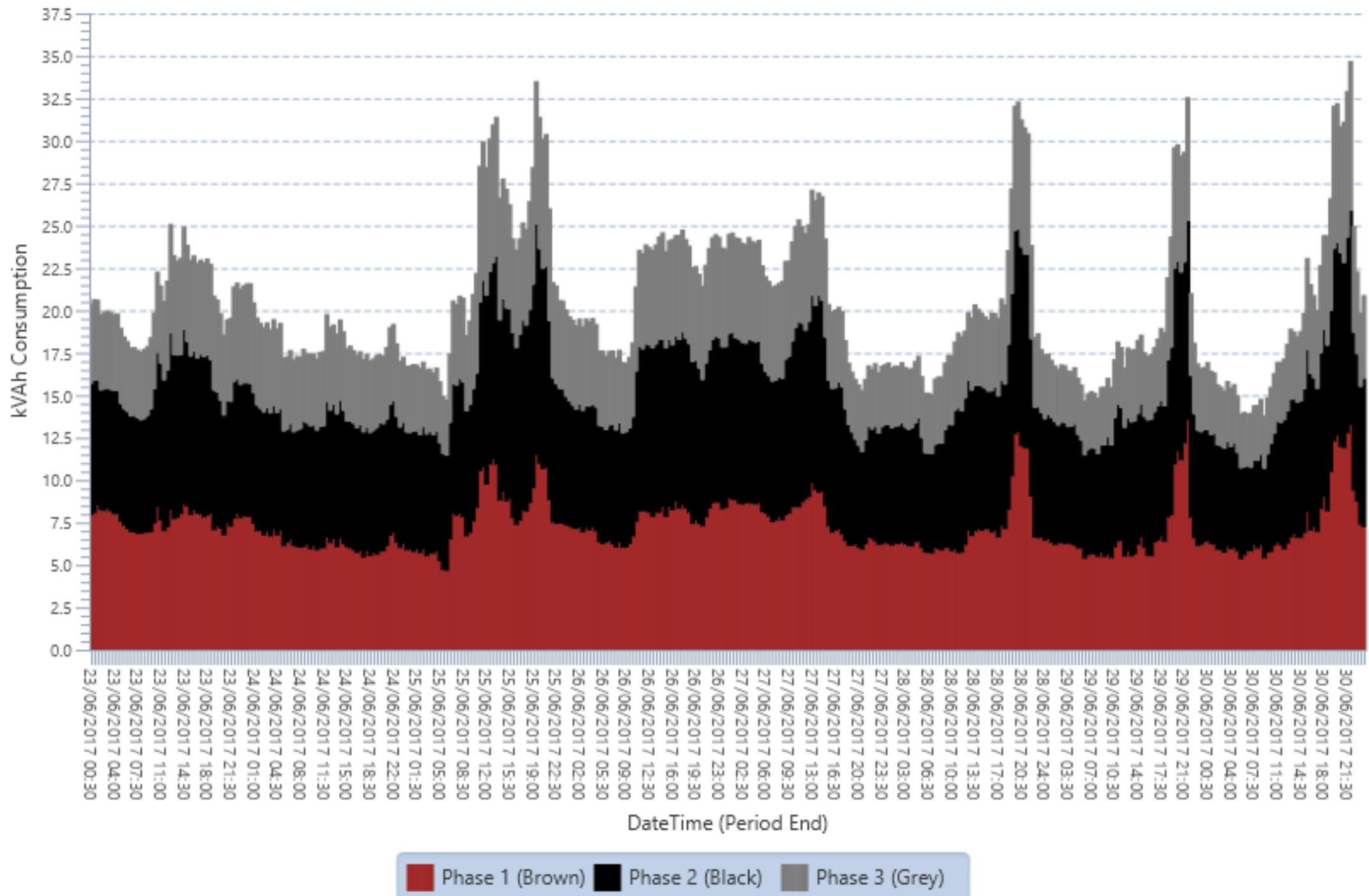
Profile Energy Survey: kWh Consumption

23/06/2017 00:00 to 30/06/2017 24:00



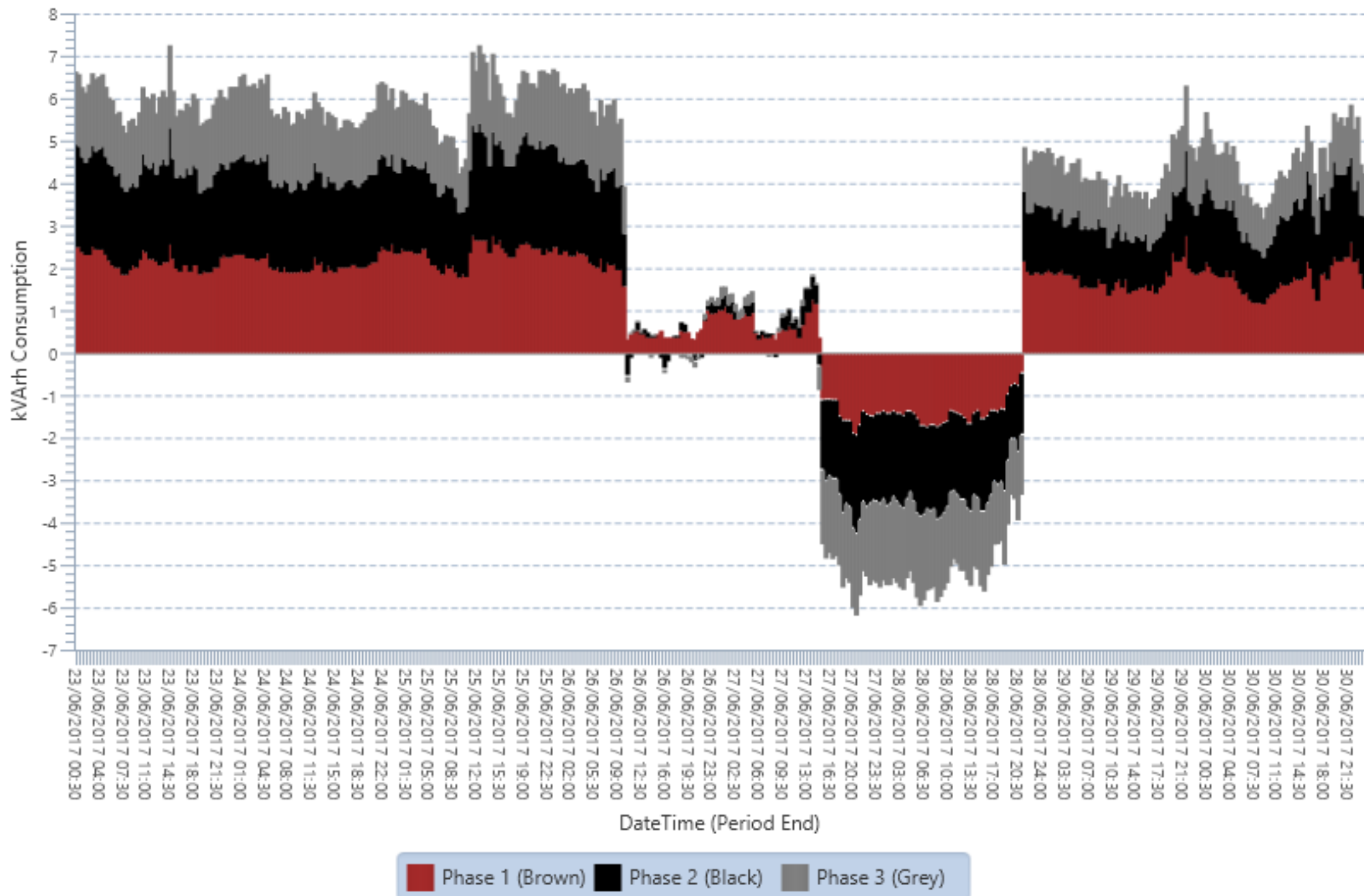
Profile Energy Survey: kVAh Consumption

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Profile Energy Survey: kVArh Consumption

23/06/2017 00:00 to 30/06/2017 24:00



Energy Demand

23/06/2017 00:00 to 30/06/2017 24:00

kW	Phase 1	Phase 2	Phase 3	Circuit Total
Peak Period Demand	26.5	26.8	17.5	68.4
Peak occurred at (period ending)	29/06/2017 21:30	25/06/2017 19:30	30/06/2017 22:00	30/06/2017 22:00
Min Period Demand*	8.3	9.49	5.71	26.67
Min occurred at (period ending)	25/06/2017 06:00	30/06/2017 07:00	28/06/2017 06:00	30/06/2017 06:30
Average Period Demand	14.08	15.99	9.29	39.36

kVA	Phase 1	Phase 2	Phase 3	Circuit Total
Peak Period Demand	27.06	27.3	17.68	69.39
Peak occurred at (period ending)	29/06/2017 21:30	25/06/2017 19:30	30/06/2017 22:00	30/06/2017 22:00
Min Period Demand*	9.27	9.88	6.24	27.59
Min occurred at (period ending)	25/06/2017 06:00	30/06/2017 07:00	30/06/2017 06:30	30/06/2017 09:00
Average Period Demand	14.56	16.41	9.75	40.67

kVAr	Phase 1	Phase 2	Phase 3	Circuit Total
Peak Period Demand	5.52	5.5	3.9	14.5
Peak occurred at (period ending)	25/06/2017 11:30	23/06/2017 14:30	23/06/2017 14:30	23/06/2017 14:30
Min Period Demand*	-3.83	-4.64	-4.28	-12.39
Min occurred at (period ending)	27/06/2017 20:30	27/06/2017 20:30	28/06/2017 06:00	27/06/2017 20:30
Average Period Demand	2.55	2.06	1.41	6.02

*All 'Min Period...' figures ignore zeros

Power Factor, Amps & Volts

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Power Factor	Phase 1	Phase 2	Phase 3	Circuit Total
Peak Period PF	1	1	1	1
Peak occurred at (period ending)	28/06/2017 21:00	27/06/2017 08:00	27/06/2017 07:00	26/06/2017 10:30
Min Period PF*	0.9	0.92	0.8	0.91
Min occurred at (period ending)	25/06/2017 06:00	27/06/2017 20:30	28/06/2017 06:00	27/06/2017 20:30
Average Period PF	0.96	0.97	0.95	0.96

Current(Amps)

Peak Period Amps	111.15	112.11	72.01
Peak occurred at (period ending)	29/06/2017 21:30	25/06/2017 19:30	30/06/2017 22:00
Min Period Amps*	37.9	40.73	25.5
Min occurred at (period ending)	25/06/2017 06:00	30/06/2017 07:00	30/06/2017 06:30
Average Period Amps	59.74	67.35	40

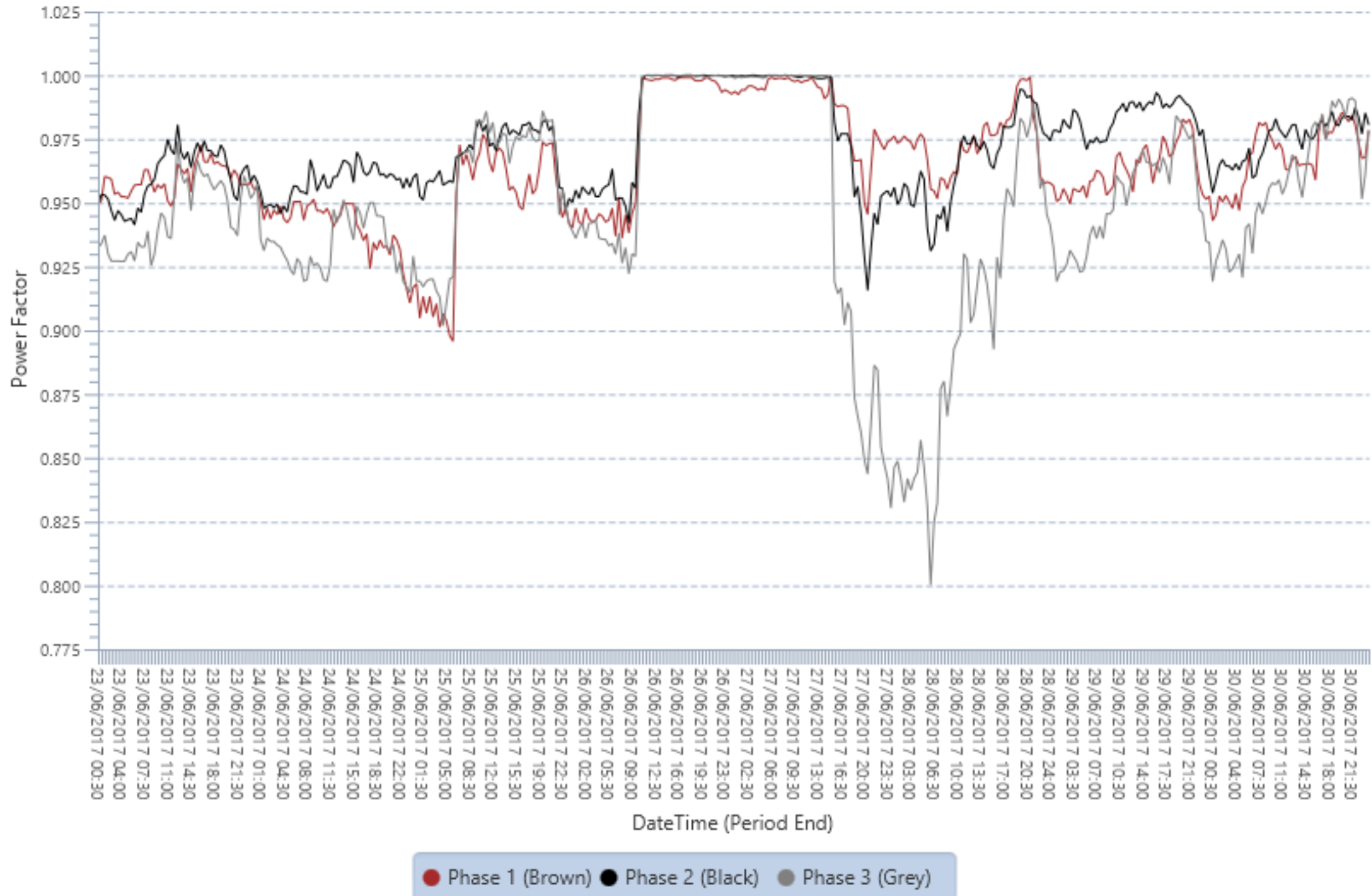
Voltage(Volts)

	Occurred at (period ending)	
Peak Period Volts	247.5	23/06/2017 05:00
Min Period Volts*	239.5	29/06/2017 15:00
Ave Period Volts	243.75	

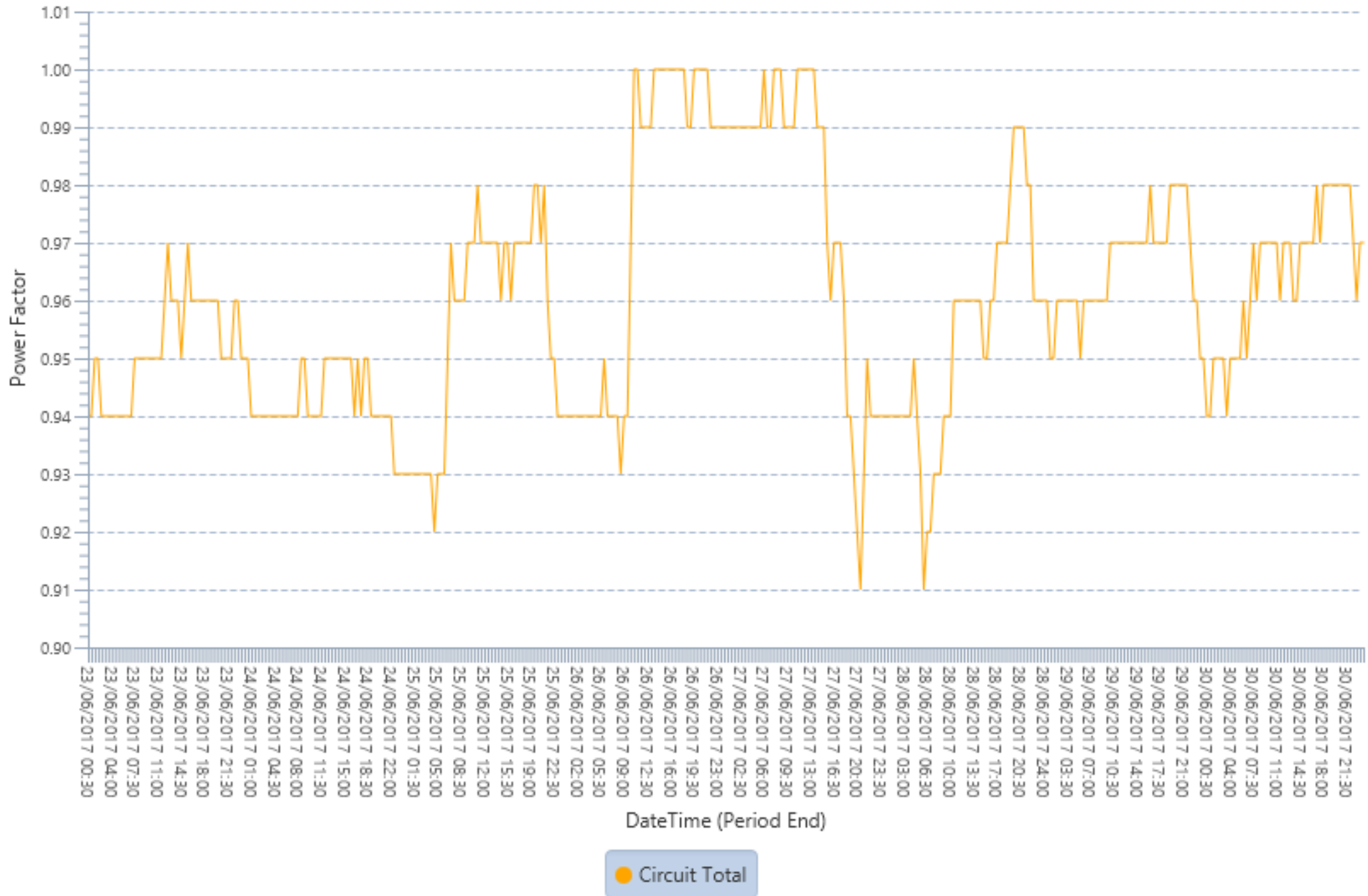
*All 'Min Period...' figures ignore zeros

Profile Energy Survey: Power Factor

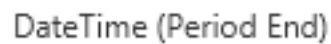
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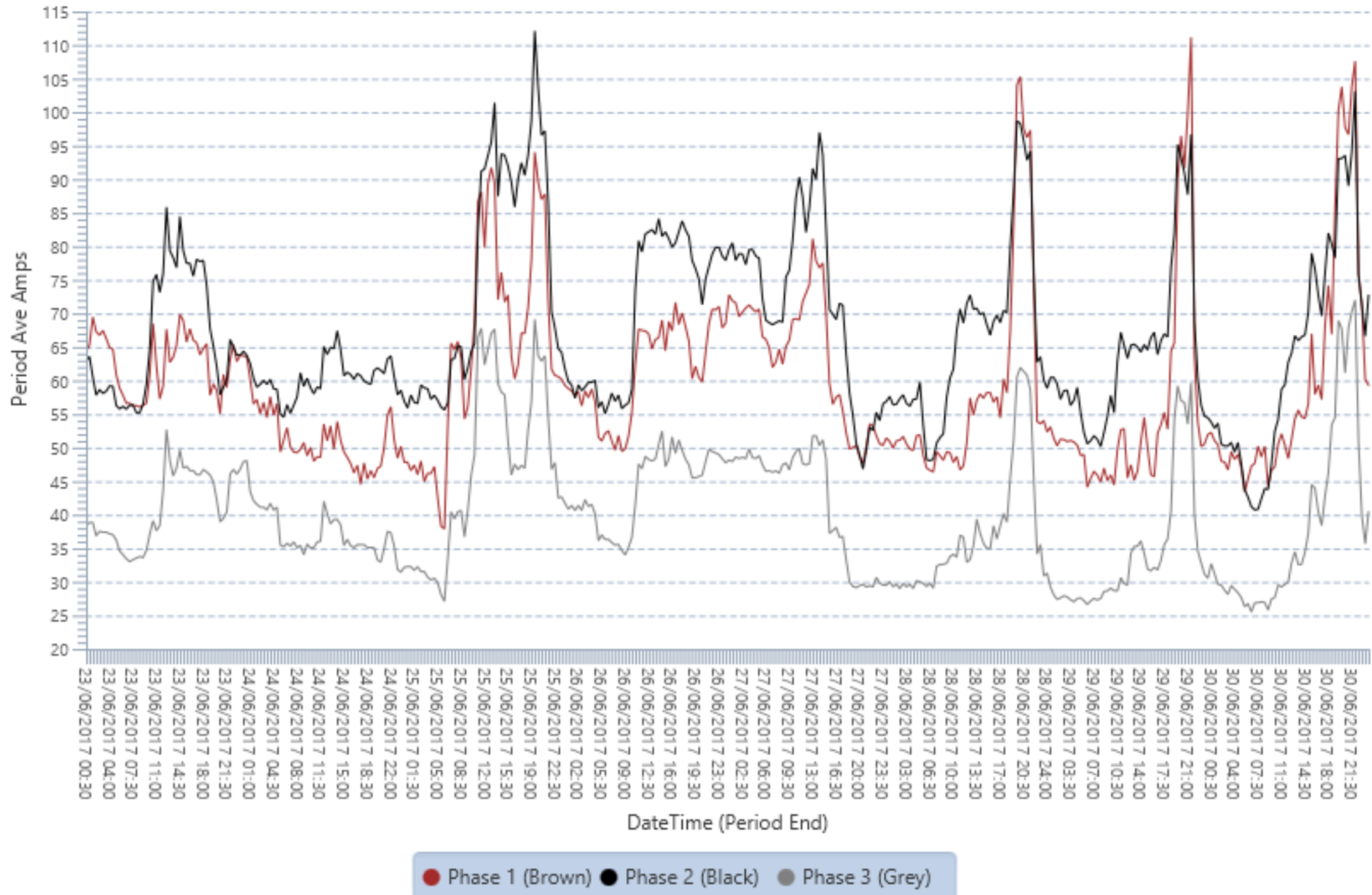
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● Phase 1 (Brown) ● Phase 2 (Black) ● Phase 3 (Grey)

Profile Energy Survey: Period Ave Amps

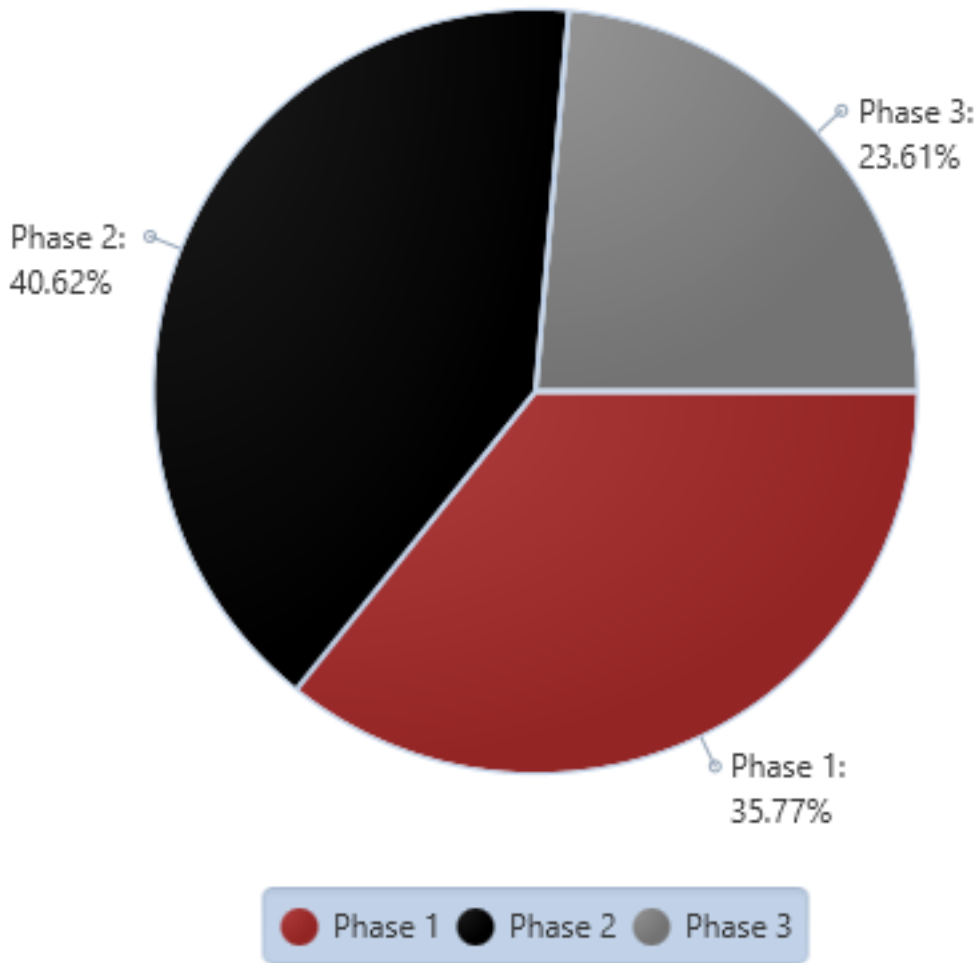
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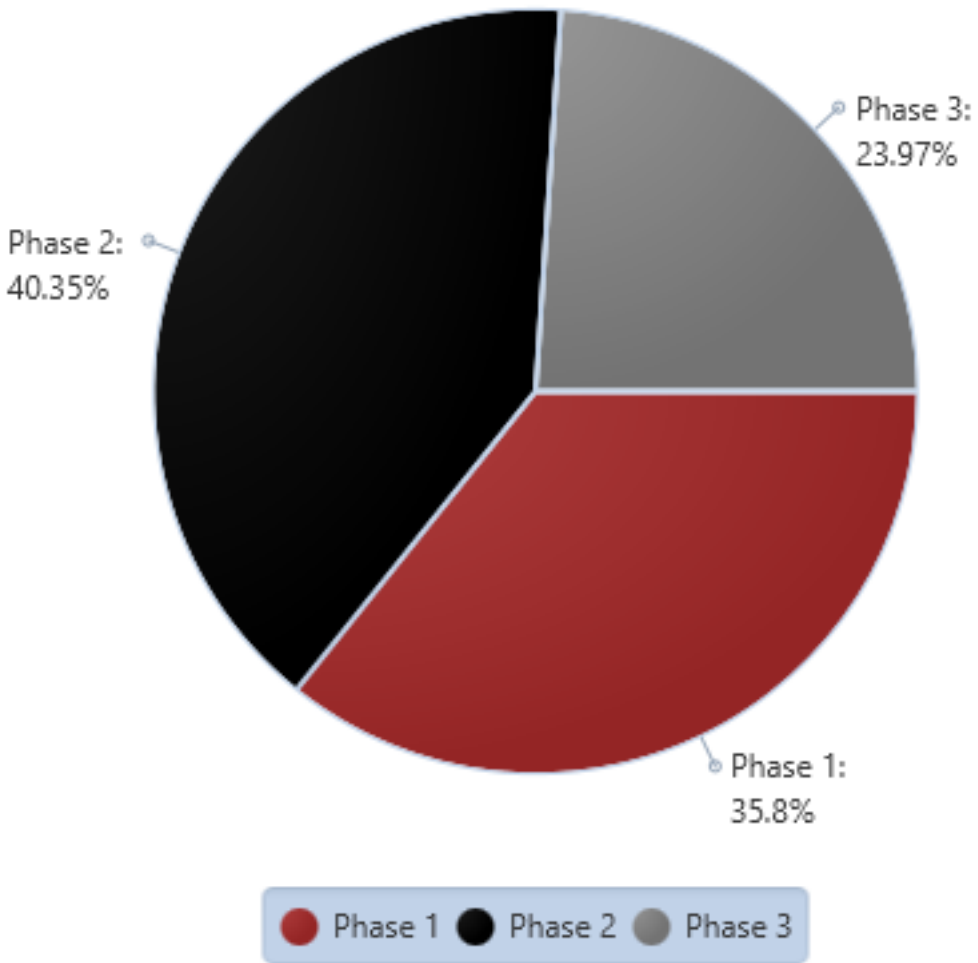
Phase Balance

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	Average kW	Phase %
Phase 1	14.08	35.77%
Phase 2	15.99	40.62%
Phase 3	9.29	23.61%



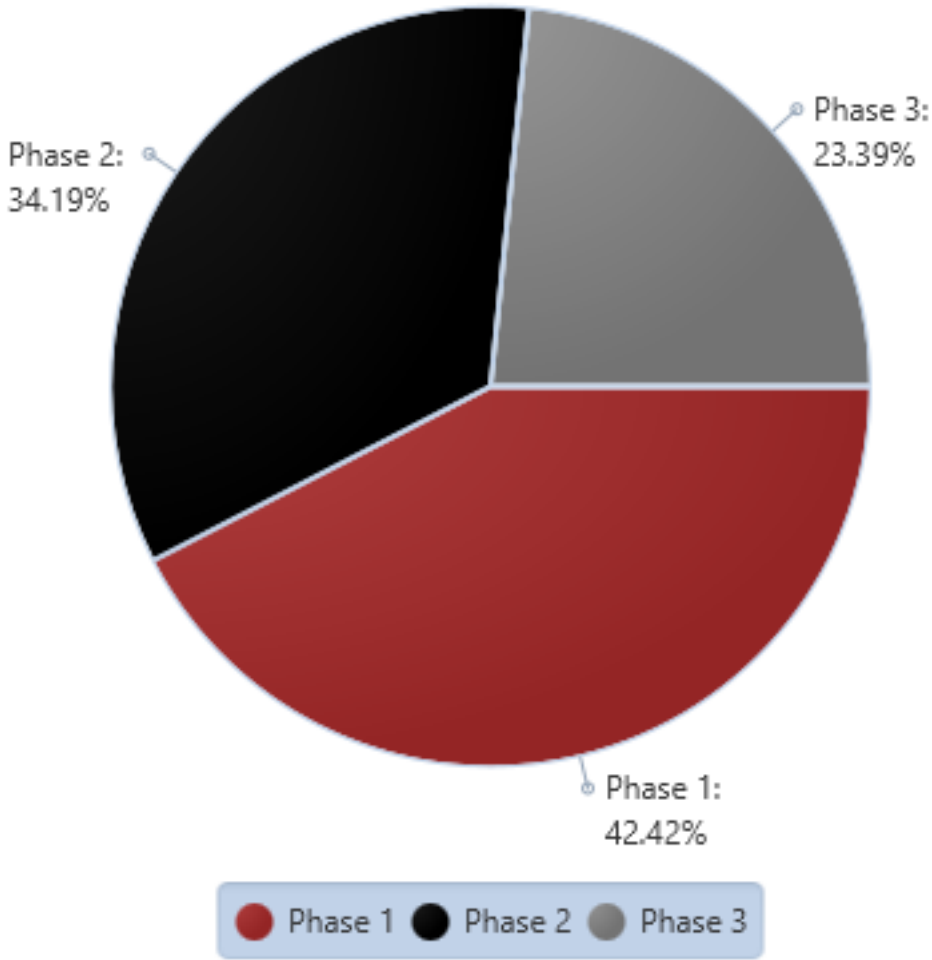
	Average kVA	Phase %
Phase 1	14.56	35.8%
Phase 2	16.41	40.35%
Phase 3	9.75	23.97%



Phase Balance

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	Average kVAr	Phase %
Phase 1	2.55	42.42%
Phase 2	2.06	34.19%
Phase 3	1.41	23.39%



	Average Amps	Phase %
Phase 1	59.74	35.75%
Phase 2	67.35	40.31%
Phase 3	40	23.94%

