

## FACILITY POWER QUALITY - DATA SUMMARY

Arrow Linen

09/01/08 to 09/30/08

### Generator Off

	Line 1			Line 2			Line 3			Totals		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
Voltage (V)	118.7	123.9	127.6	118.3	123.4	126.8	118.1	123.2	126.8	n/a	n/a	n/a
Current (amps)	96.66	161.72	746.88	58.18	110.56	704.65	54.23	104.05	832.41	n/a	n/a	n/a
True Power (kW)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.8	31.3	203.7
Apparent Power (kVA)	11.9	20.0	91.0	7.2	13.6	85.8	6.6	12.8	101.4	26.1	44.2	253.8
Power Factor (-)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.01	0.70	0.91
Voltage THD (%)	1.36	2.35	3.22	1.08	2.09	3.01	1.24	2.25	3.20	n/a	n/a	n/a
Current THD (%)	3.46	18.78	31.25	2.36	23.33	41.00	4.03	29.51	61.97	n/a	n/a	n/a
Frequency (hz)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	59.9	60.0	60.1

### Generator On

	Line 1			Line 2			Line 3			Totals		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
Voltage (V)	115.2	120.0	125.3	115.3	119.9	126.0	114.7	119.6	125.7	n/a	n/a	n/a
Current (amps)	124.24	1051.94	1410.02	74.28	988.42	1348.77	73.80	973.36	1413.51	n/a	n/a	n/a
True Power (kW)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.0	80.6	282.0
Apparent Power (kVA)	15.4	126.0	167.5	9.2	118.3	161.7	9.2	116.2	169.0	32.5	358.5	467.8
Power Factor (-)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.00	0.23	0.89
Voltage THD (%)	0.60	1.64	3.20	0.40	1.37	2.89	0.45	1.51	3.12	n/a	n/a	n/a
Current THD (%)	3.67	8.19	22.33	2.63	8.37	32.84	4.39	8.89	34.88	n/a	n/a	n/a
Frequency (hz)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	59.9	60.0	60.1

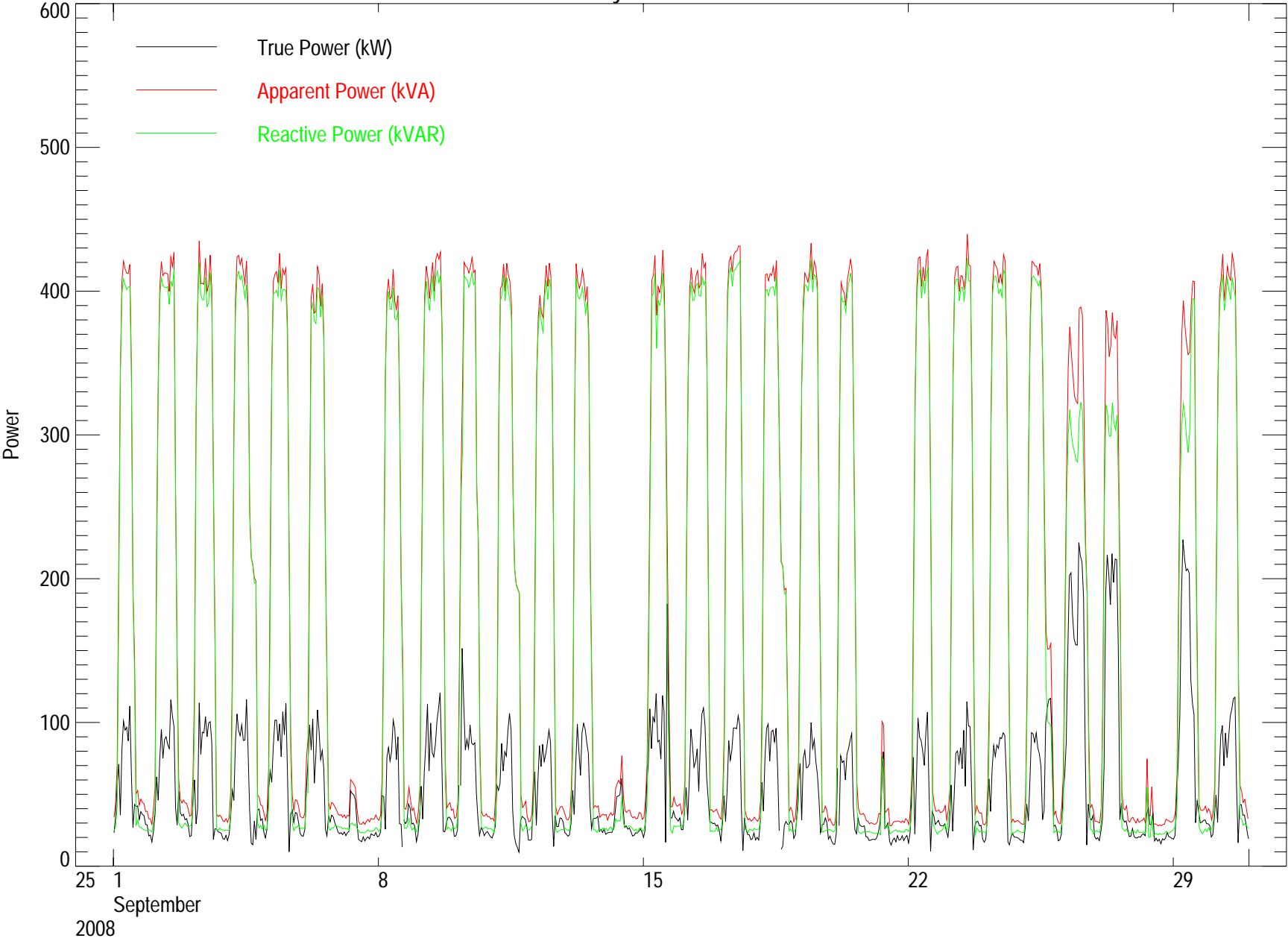
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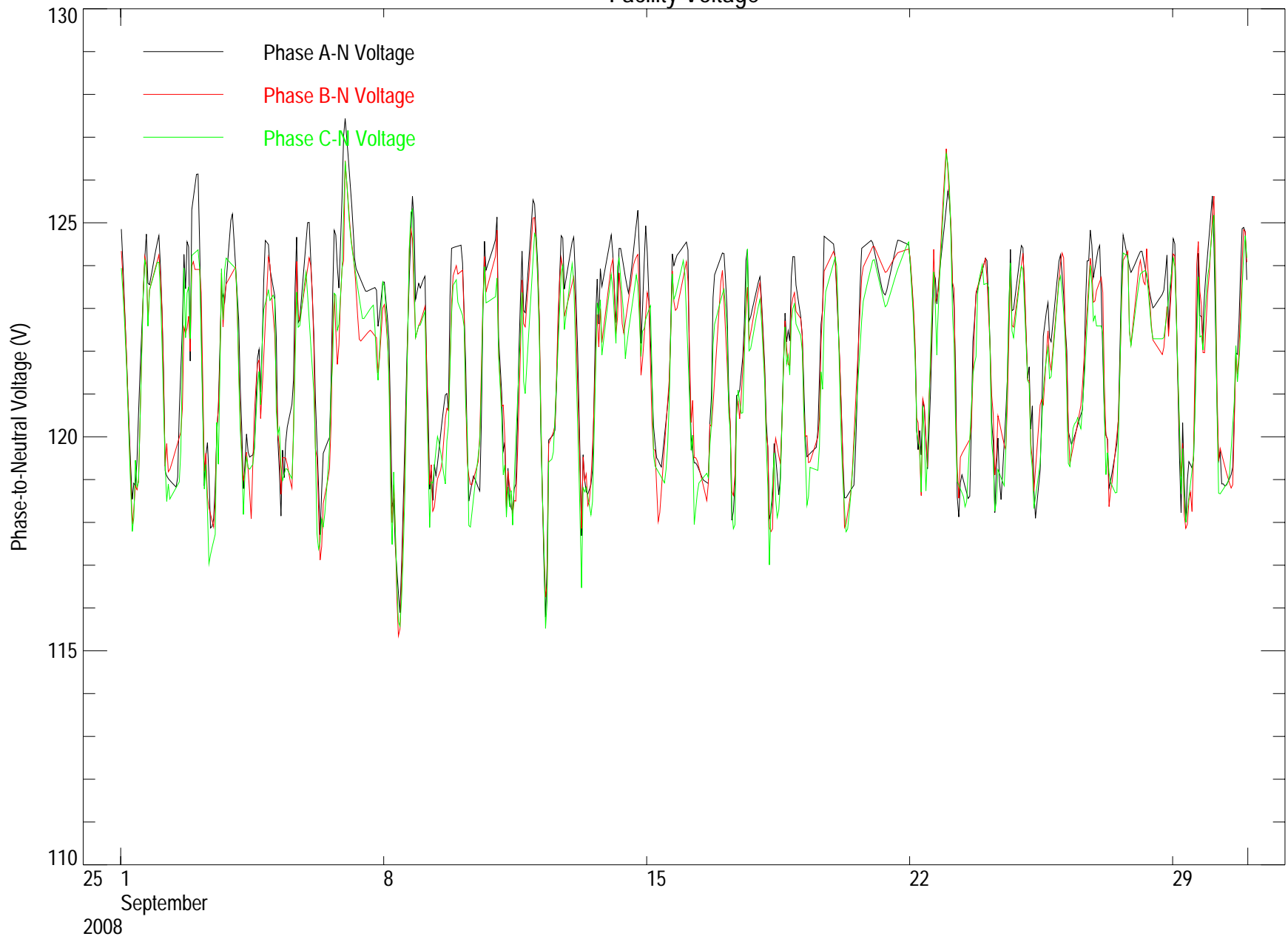
09/01/08 to 09/30/08

Date	Good Data (%)	Facility Apparent Power (kVAh)	Facility Reactive Power (kVARh)	Facility True Power (kWh)	Power Factor (-)
09/01/08	100.00	4301.51	3964.99	1194.80	0.28
09/02/08	100.00	5562.04	5258.12	1361.60	0.24
09/03/08	100.00	5332.51	5102.22	1295.90	0.24
09/04/08	100.00	5556.26	5309.64	1279.60	0.23
09/05/08	100.00	5375.79	5072.19	1384.70	0.26
09/06/08	100.00	4724.27	4419.27	1290.70	0.27
09/07/08	100.00	892.74	619.00	625.20	0.70
09/08/08	100.00	4850.90	4577.33	1204.80	0.25
09/09/08	100.00	6096.66	5835.23	1426.90	0.23
09/10/08	100.00	5013.56	4753.88	1333.70	0.27
09/11/08	100.00	5090.76	4863.48	1089.00	0.21
09/12/08	100.00	5091.00	4837.93	1185.70	0.23
09/13/08	100.00	4800.66	4538.74	1222.00	0.25
09/14/08	100.00	995.80	675.02	685.90	0.69
09/15/08	100.00	5203.21	4728.41	1706.20	0.33
09/16/08	100.00	5958.65	5706.00	1378.70	0.23
09/17/08	100.00	5025.31	4813.53	1184.70	0.24
09/18/08	100.00	5567.93	5351.76	1178.40	0.21
09/19/08	100.00	5448.15	5198.84	1222.10	0.22
09/20/08	100.00	4652.93	4436.54	1038.80	0.22
09/21/08	100.00	905.76	682.10	579.50	0.64
09/22/08	100.00	4947.80	4666.28	1197.60	0.24
09/23/08	100.00	5933.05	5716.10	1298.20	0.22
09/24/08	100.00	5121.38	4918.48	1190.10	0.23
09/25/08	100.00	5251.44	4846.96	1491.60	0.28
09/26/08	100.00	5159.05	4395.95	2502.80	0.49
09/27/08	100.00	4289.14	3589.46	2241.60	0.52
09/28/08	100.00	809.53	592.83	544.50	0.67
09/29/08	100.00	4717.03	4046.19	2141.30	0.45
09/30/08	100.00	5916.86	5647.38	1429.70	0.24
<b>Total</b>	100.00	138591.67	129163.83	38906.30	0.28

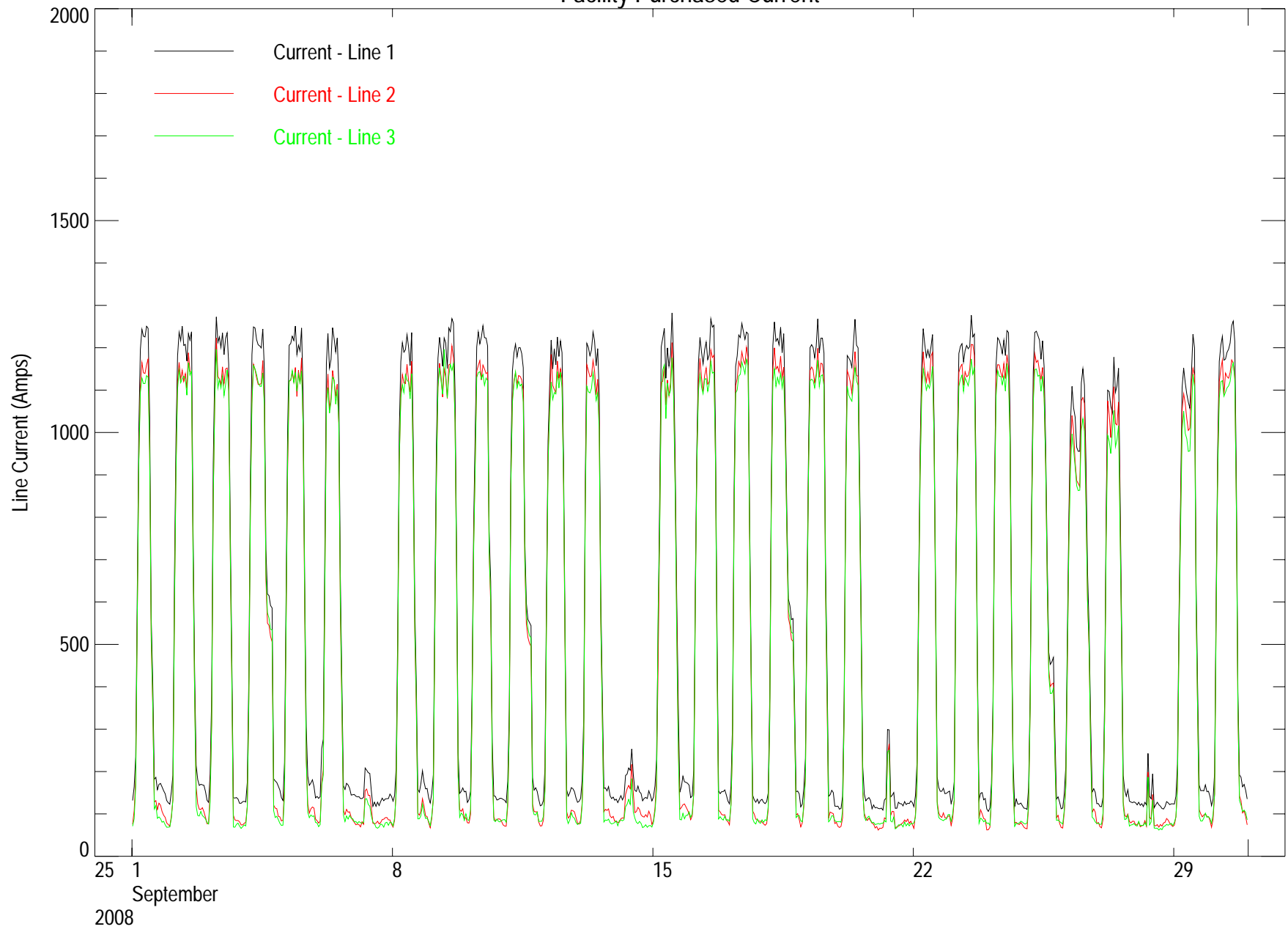
# Facility Purchased Power



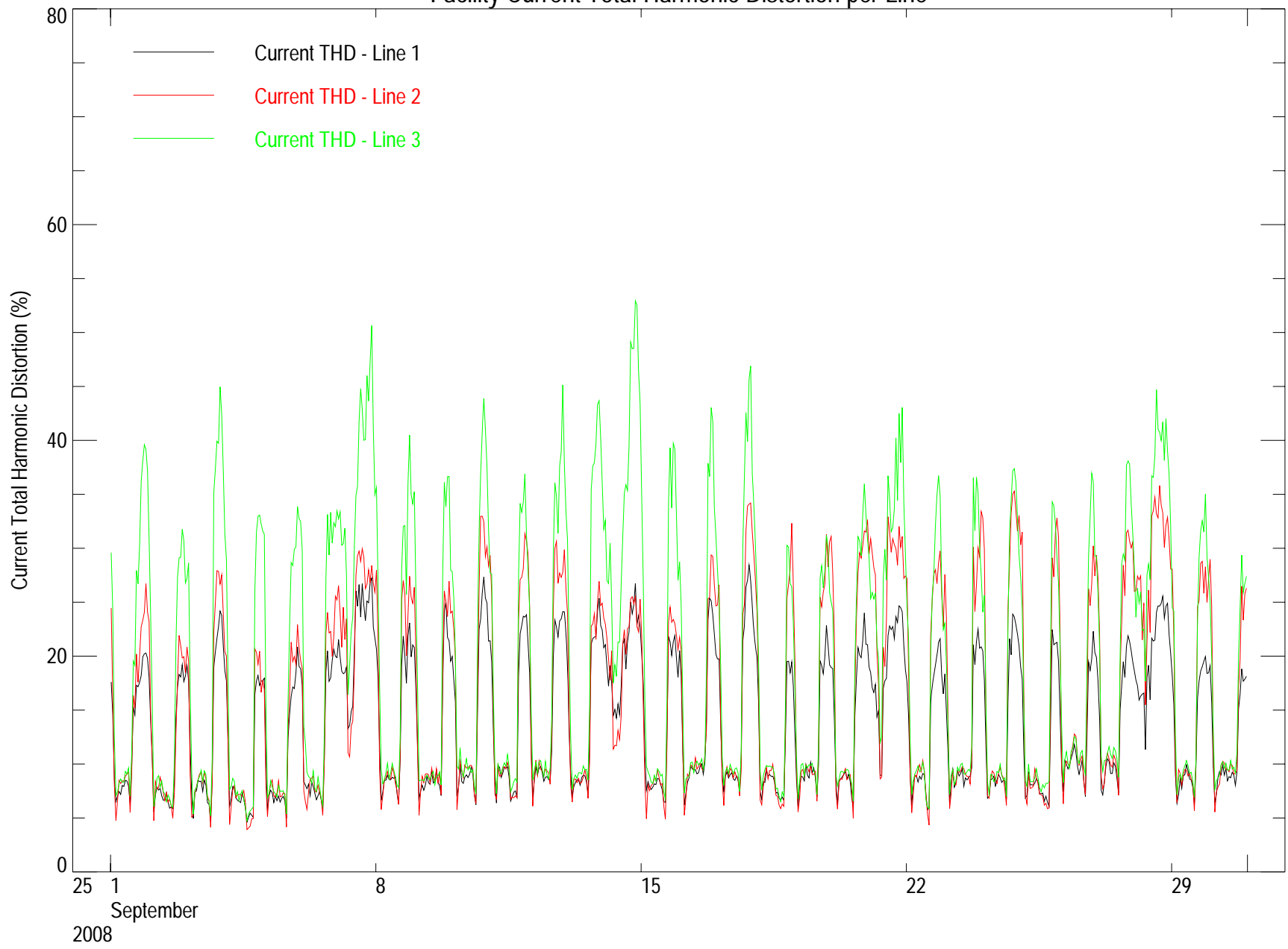
# Facility Voltage



# Facility Purchased Current



Facility Current Total Harmonic Distortion per Line



Facility Voltage Total Harmonic Distortion per Line

