

## FACILITY POWER QUALITY - DATA SUMMARY

Arrow Linen

10/01/05 to 10/31/05

### Generator Off

	Line 1			Line 2			Line 3			Totals		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
Voltage (V)	121.4	124.9	128.1	121.1	124.3	126.7	121.3	124.2	126.1	n/a	n/a	n/a
Current (amps)	89.88	141.44	585.42	67.29	119.27	556.51	53.20	94.24	535.80	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	11.8	29.6	163.2
Apparent Power (kVA)	11.2	17.7	72.1	8.4	14.8	68.0	6.6	11.7	65.5	24.7	41.8	200.1
Power Factor (-)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.13	0.69	0.94
Voltage THD (%)	1.40	2.37	3.14	1.01	2.10	2.90	1.27	2.26	3.04	n/a	n/a	n/a
Current THD (%)	4.64	26.53	42.96	3.46	23.79	44.44	5.09	40.04	82.05	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)	118.0	121.1	126.2	118.4	120.9	125.7	118.4	120.8	125.4	n/a	n/a	n/a
Current (amps)	94.77	961.84	1441.34	84.13	892.10	1366.73	71.21	907.06	1356.42	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	1.1	54.1	220.1
Apparent Power (kVA)	11.9	116.3	171.5	10.5	107.6	162.8	8.8	109.4	161.6	30.2	337.5	514.0
Power Factor (-)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.00	0.17	0.91
Voltage THD (%)	0.15	1.47	2.95	0.11	1.23	2.68	0.14	1.36	2.87	n/a	n/a	n/a
Current THD (%)	0.77	8.05	33.69	0.66	8.11	33.57	0.82	8.97	63.21	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

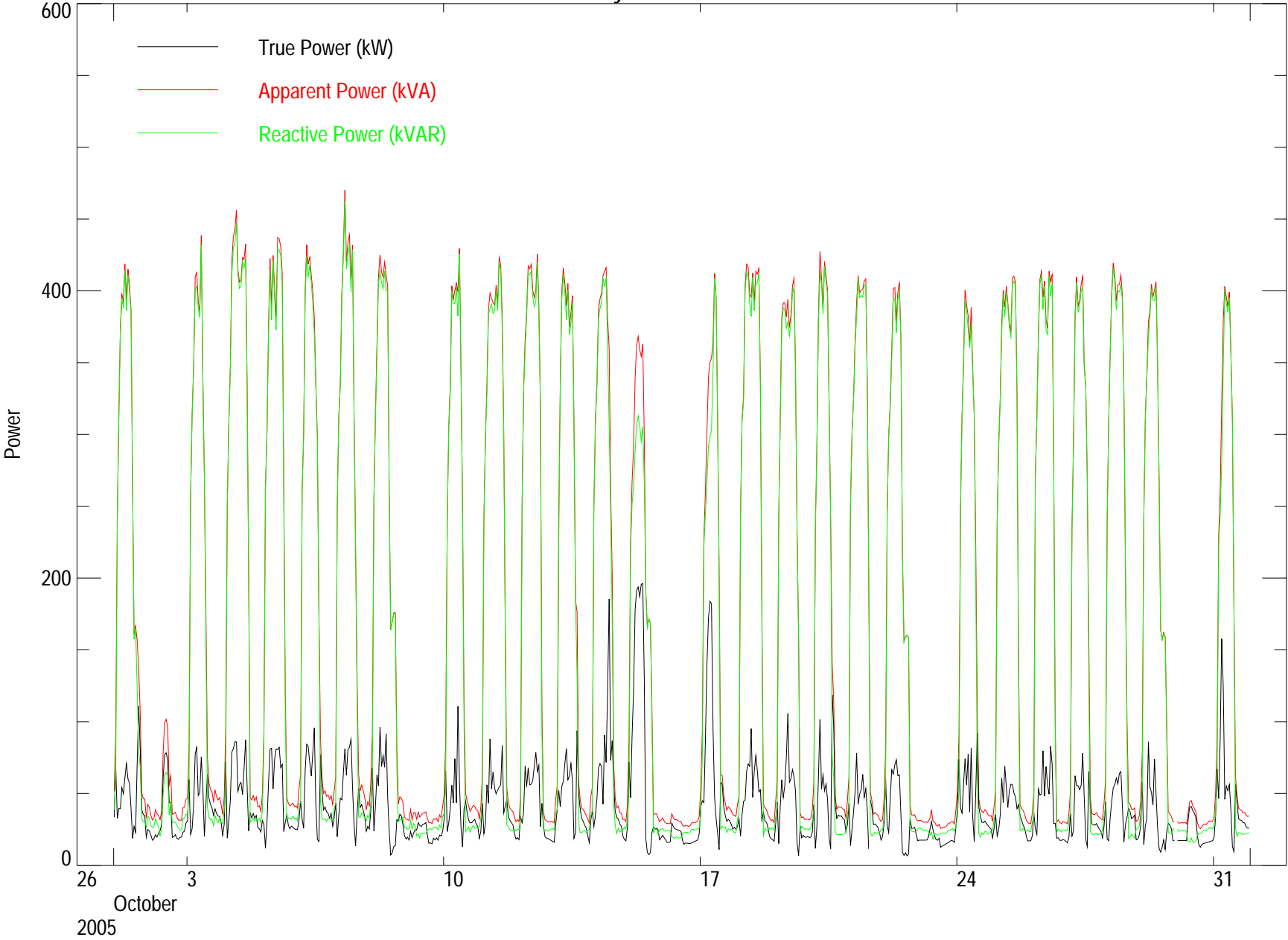
## FACILITY POWER QUALITY - DATA SUMMARY

Arrow Linen

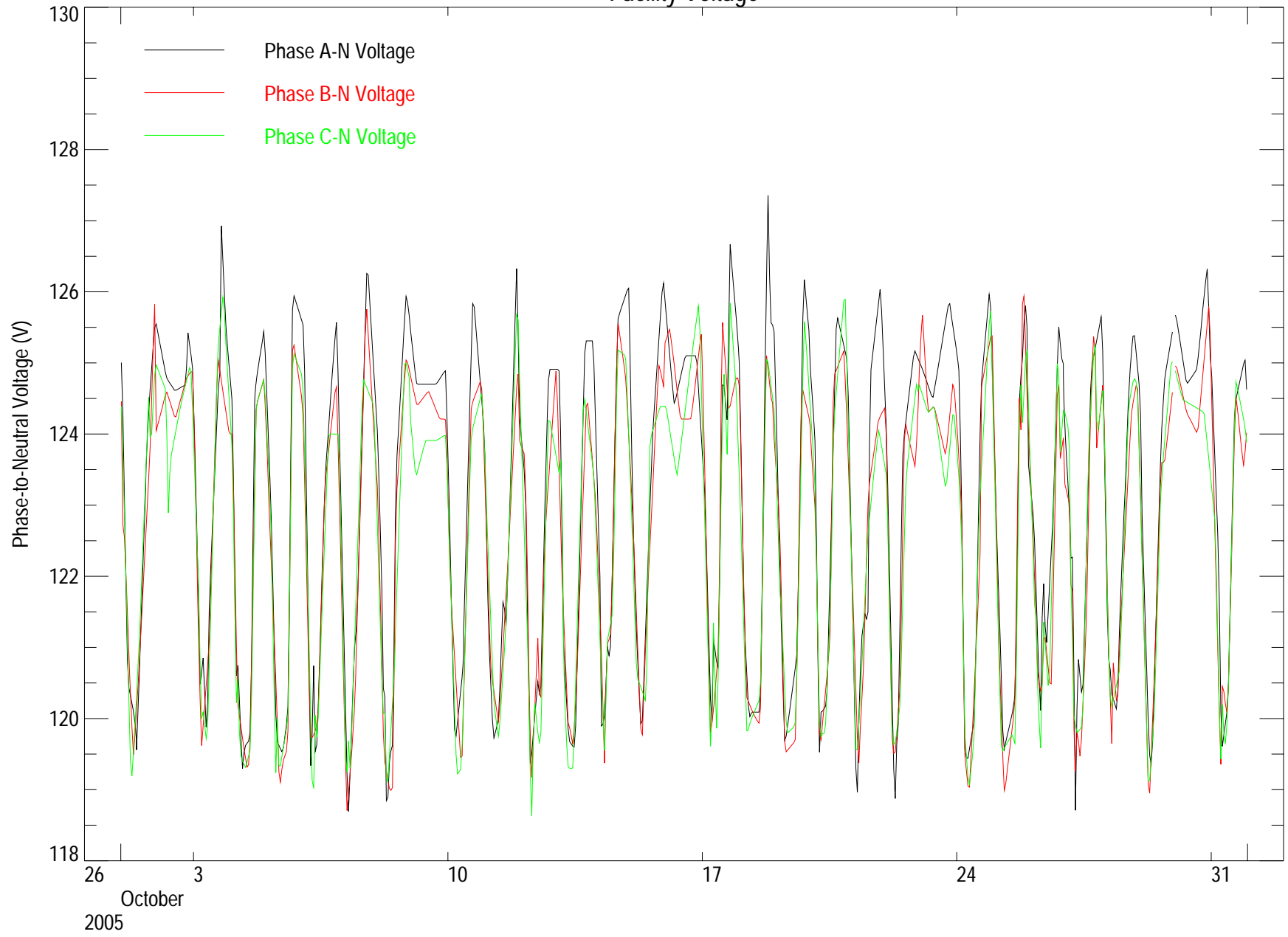
10/01/05 to 10/31/05

Date	Good Data (%)	Facility Apparent Power (kVAh)	Facility Reactive Power (kVARh)	Facility True Power (kWh)	Power Factor (-)
10/01/05	100.00	5133.14	4845.73	1274.60	0.25
10/02/05	100.00	1134.60	827.15	741.60	0.65
10/03/05	100.00	4430.05	4128.19	1034.00	0.23
10/04/05	100.00	6168.57	5947.53	1170.90	0.19
10/05/05	100.00	5538.42	5348.32	1074.20	0.19
10/06/05	100.00	4882.81	4594.69	1086.50	0.22
10/07/05	100.00	5503.14	5273.55	1119.80	0.20
10/08/05	100.00	5251.11	5060.13	929.10	0.18
10/09/05	100.00	811.81	604.33	496.40	0.61
10/10/05	100.00	4569.19	4312.06	972.10	0.21
10/11/05	100.00	5701.92	5500.14	1074.80	0.19
10/12/05	100.00	5364.70	5207.12	965.40	0.18
10/13/05	100.00	4863.55	4589.19	1023.60	0.21
10/14/05	100.00	4986.82	4655.02	1269.50	0.25
10/15/05	100.00	4399.23	3865.56	1790.20	0.41
10/16/05	100.00	721.14	541.91	442.80	0.61
10/17/05	100.00	4146.79	3674.36	1541.50	0.37
10/18/05	100.00	5815.20	5629.12	1037.40	0.18
10/19/05	100.00	5169.57	5012.35	893.60	0.17
10/20/05	100.00	4630.14	4293.20	1078.70	0.23
10/21/05	100.00	5030.30	4823.88	941.90	0.19
10/22/05	100.00	4801.88	4645.93	789.70	0.16
10/23/05	100.00	716.45	557.34	412.30	0.58
10/24/05	100.00	4342.19	4016.56	991.80	0.23
10/25/05	100.00	5608.93	5446.21	975.60	0.17
10/26/05	100.00	5273.47	5135.38	907.90	0.17
10/27/05	100.00	4469.80	4255.40	876.50	0.20
10/28/05	100.00	5186.25	4974.16	932.00	0.18
10/29/05	95.83	4922.79	4788.31	764.60	0.16
10/30/05	100.00	768.33	532.14	609.00	0.79
10/31/05	100.00	4203.37	3856.74	1155.60	0.27
<b>Total</b>	<b>99.87</b>	<b>134545.67</b>	<b>126941.70</b>	<b>30373.60</b>	<b>0.23</b>

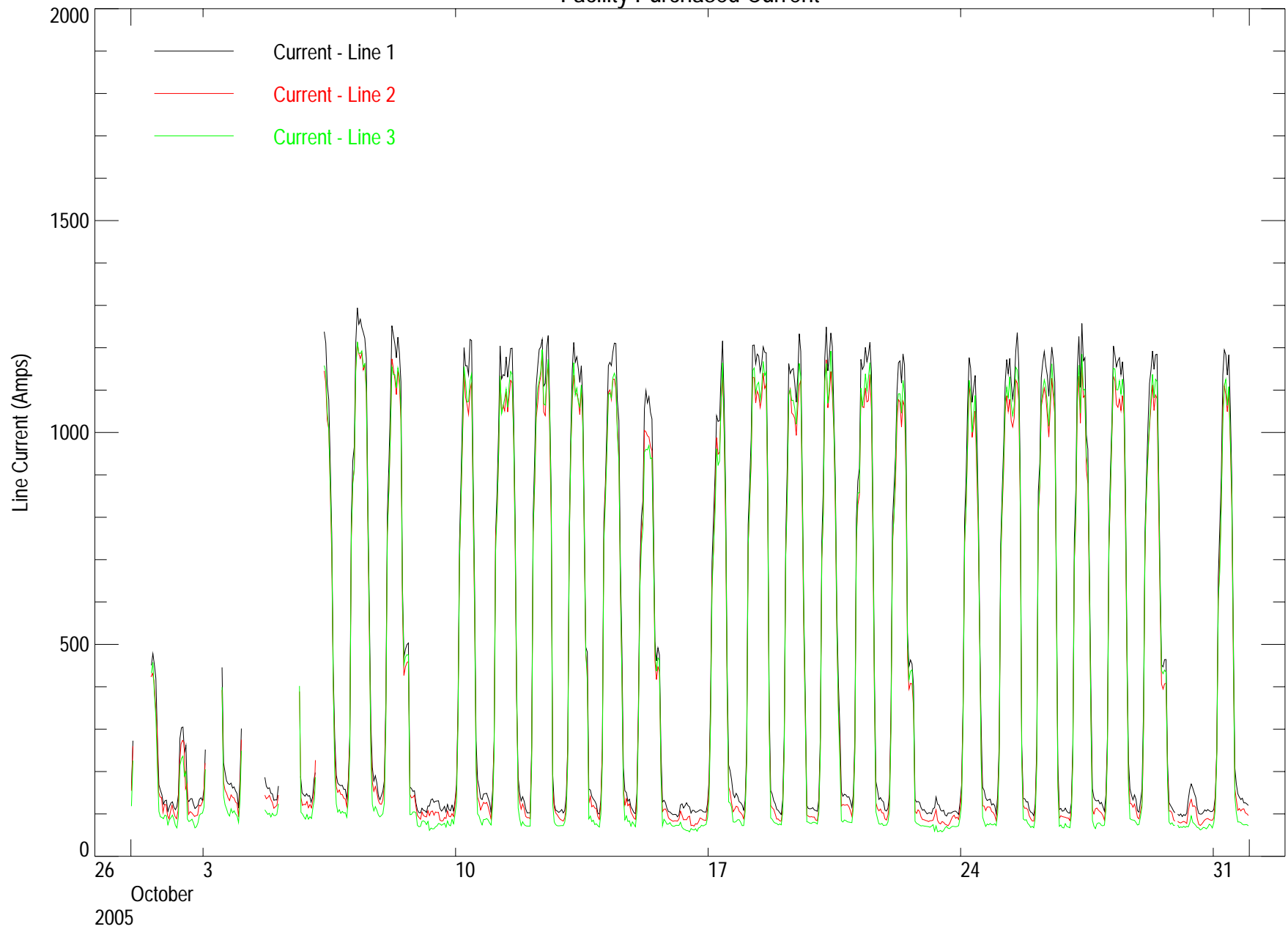
# Facility Purchased Power



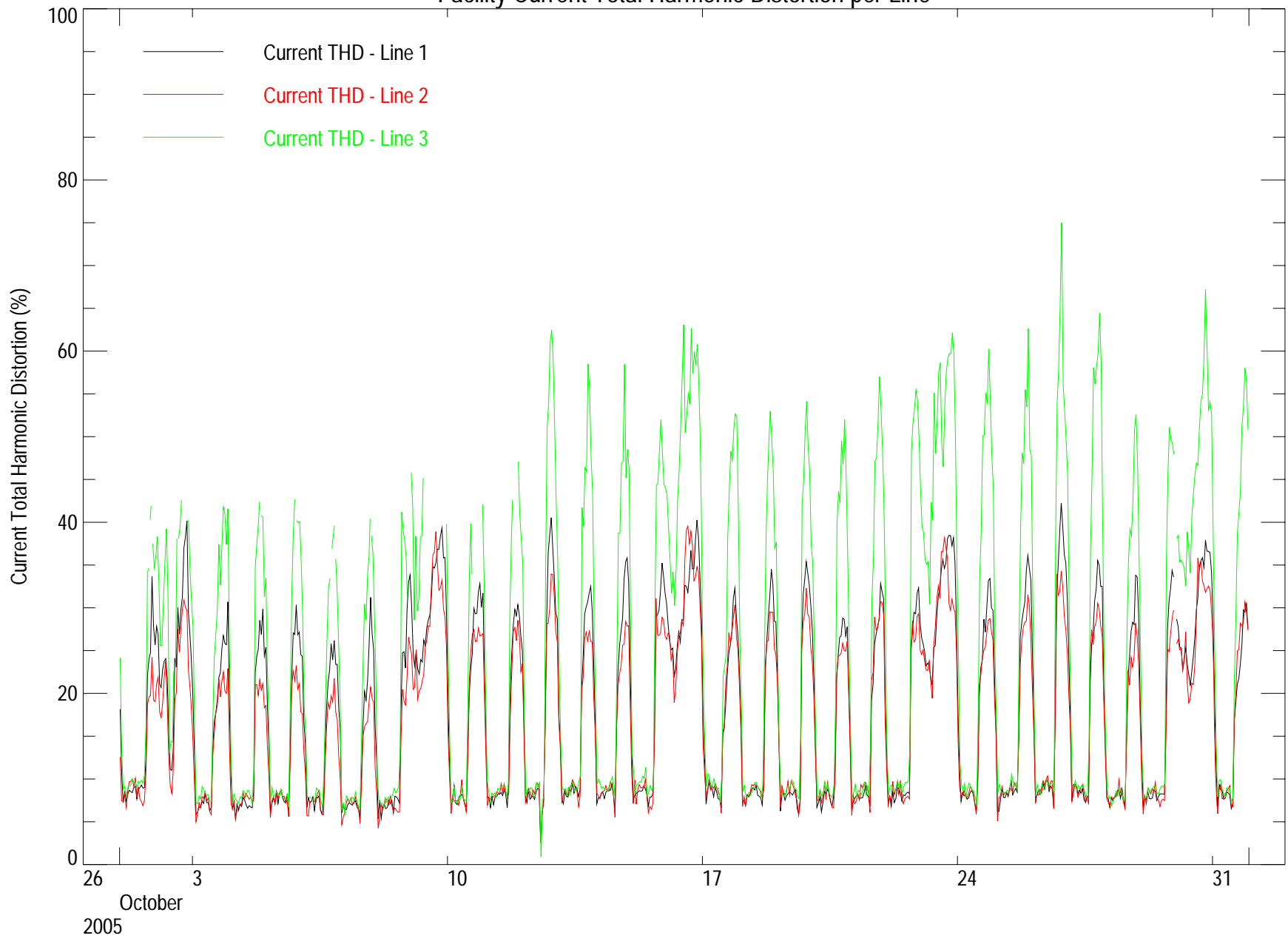
# Facility Voltage



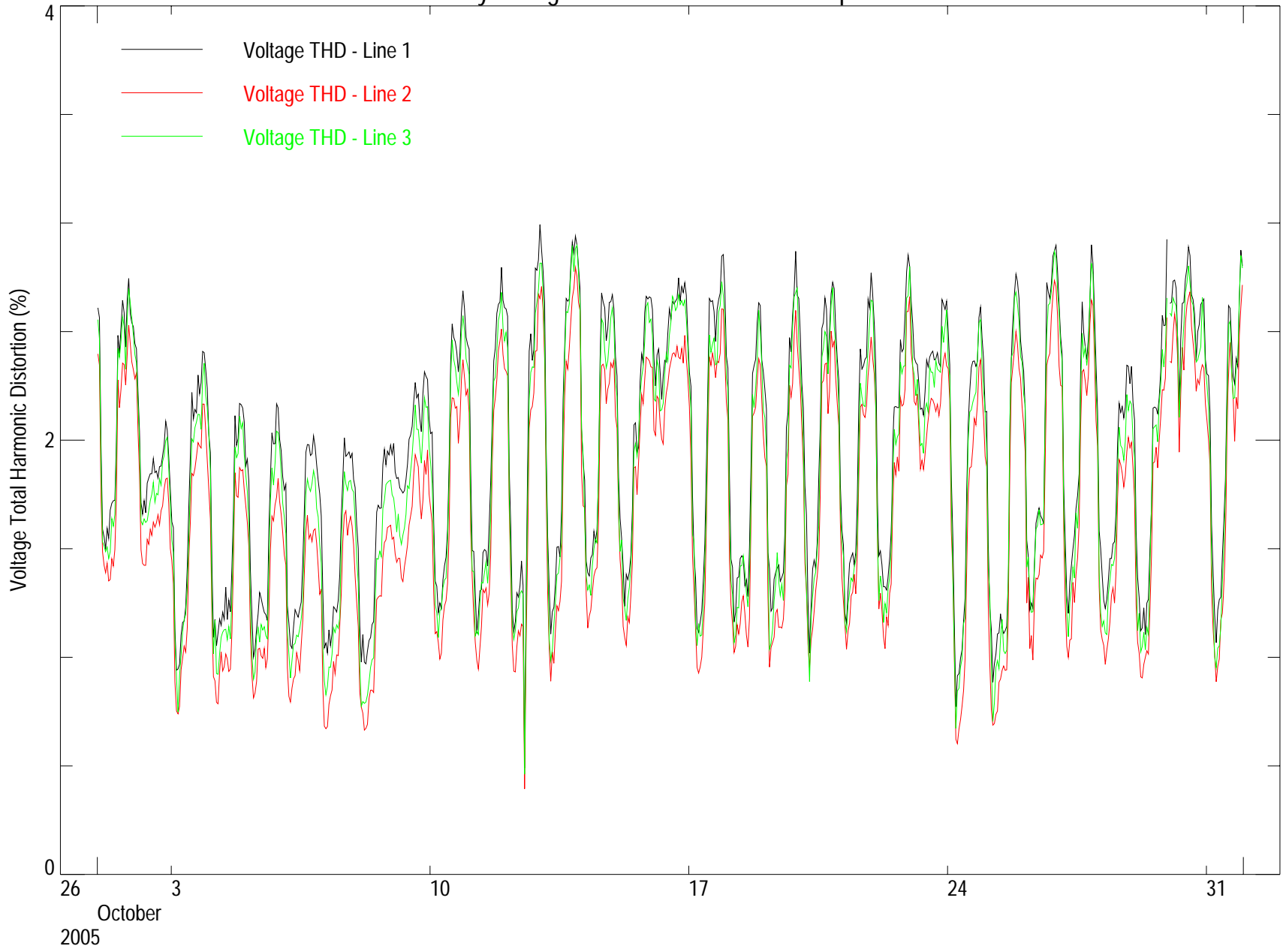
# Facility Purchased Current



Facility Current Total Harmonic Distortion per Line



Facility Voltage Total Harmonic Distortion per Line



# Facility Purchased Power Factor

