

## FACILITY POWER QUALITY - DATA SUMMARY

Arrow Linen

11/01/06 to 11/30/06

### Generator Off

	Line 1			Line 2			Line 3			Totals		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
Voltage (V)	122.2	125.5	128.7	122.6	125.0	126.8	121.9	124.9	128.1	n/a	n/a	n/a
Current (amps)	90.63	140.76	670.20	58.57	107.86	969.83	57.33	96.93	664.00	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	8.6	28.1	119.8
Apparent Power (kVA)	11.3	17.6	82.8	7.3	13.5	119.8	7.2	12.1	81.8	25.4	41.2	316.3
Power Factor (-)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.04	0.68	0.93
Voltage THD (%)	2.11	3.21	3.99	1.92	3.07	3.88	1.95	3.13	3.89	n/a	n/a	n/a
Current THD (%)	5.11	21.47	42.32	5.04	26.24	45.42	4.49	34.25	77.42	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)	118.7	121.6	126.7	118.4	121.5	126.3	118.1	121.3	126.3	n/a	n/a	n/a
Current (amps)	107.03	1063.53	1482.79	78.91	1002.73	1374.30	68.18	1003.50	1366.34	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	1.3	50.4	223.6
Apparent Power (kVA)	13.5	129.0	176.9	10.0	121.6	165.0	8.4	121.5	166.9	31.1	369.4	498.4
Power Factor (-)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.00	0.15	0.91
Voltage THD (%)	1.30	2.15	3.66	1.11	1.98	3.59	1.16	2.09	3.60	n/a	n/a	n/a
Current THD (%)	5.16	8.67	26.26	4.68	9.30	32.50	5.49	9.53	44.56	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

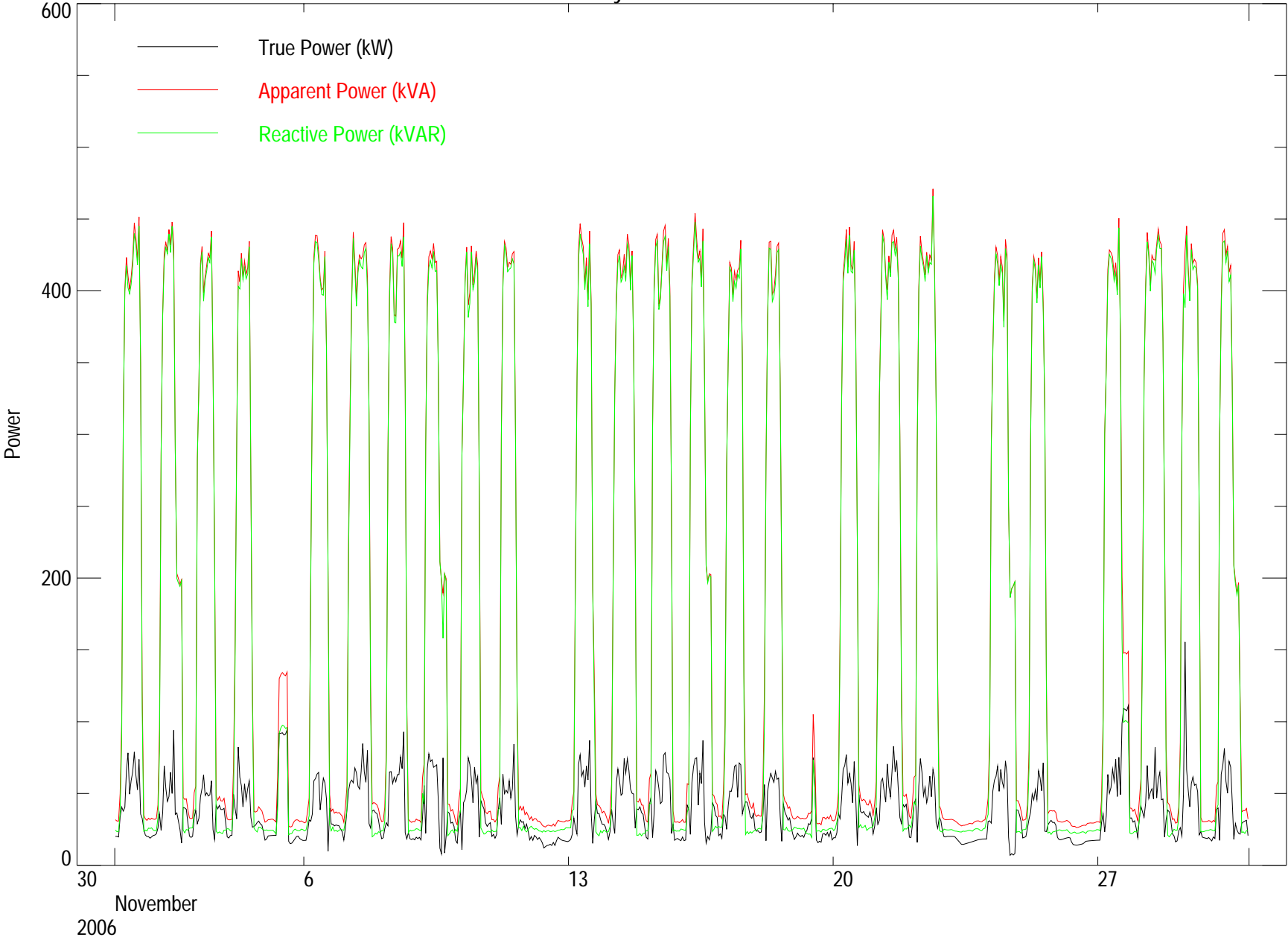
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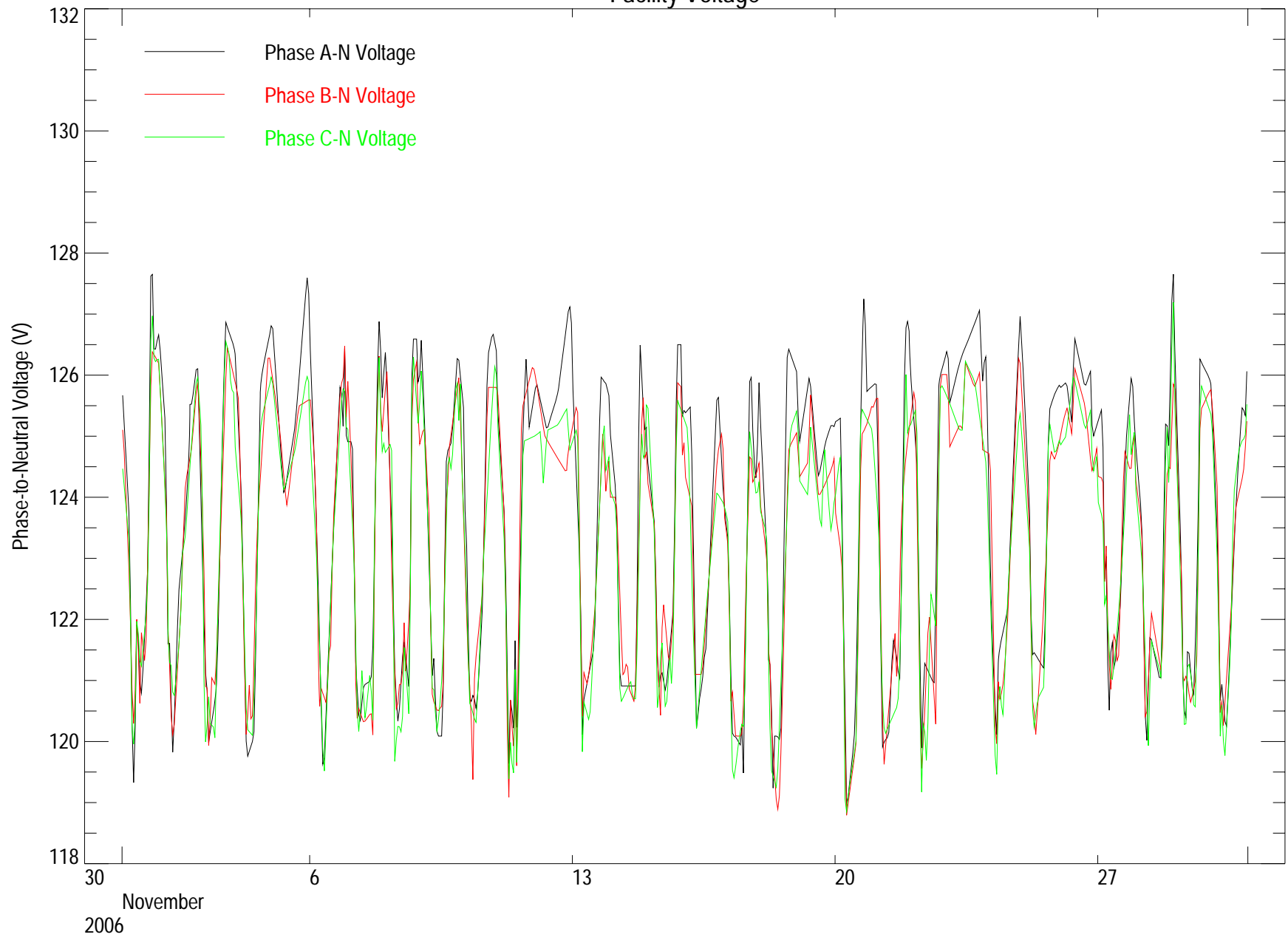
11/01/06 to 11/30/06

Date	Good Data (%)	Facility Apparent Power (kVAh)	Facility Reactive Power (kVARh)	Facility True Power (kWh)	Power Factor (-)
11/01/06	100.00	5446.93	5283.05	952.60	0.17
11/02/06	100.00	5247.41	5060.89	907.20	0.17
11/03/06	100.00	5067.20	4829.93	961.40	0.19
11/04/06	100.00	4637.28	4434.88	883.40	0.19
11/05/06	100.00	1373.44	1016.48	884.20	0.64
11/06/06	100.00	4917.65	4731.88	901.70	0.18
11/07/06	100.00	5974.87	5734.87	1064.80	0.18
11/08/06	100.00	5333.64	5184.73	928.70	0.17
11/09/06	100.00	5006.92	4782.62	951.00	0.19
11/10/06	100.00	5094.11	4870.94	971.00	0.19
11/11/06	100.00	4603.37	4399.72	920.60	0.20
11/12/06	100.00	713.54	589.24	389.20	0.55
11/13/06	100.00	5103.26	4876.07	950.60	0.19
11/14/06	100.00	6105.96	5885.75	1048.70	0.17
11/15/06	100.00	5590.93	5429.35	970.70	0.17
11/16/06	100.00	5305.34	5111.95	970.60	0.18
11/17/06	100.00	4989.58	4731.31	1061.20	0.21
11/18/06	100.00	4728.87	4501.20	907.80	0.19
11/19/06	100.00	902.18	659.66	571.20	0.63
11/20/06	100.00	5002.03	4747.10	962.20	0.19
11/21/06	100.00	6351.27	6128.88	1092.20	0.17
11/22/06	100.00	5833.64	5654.14	1008.10	0.17
11/23/06	100.00	718.43	582.75	407.60	0.57
11/24/06	100.00	5806.54	5642.77	859.20	0.15
11/25/06	100.00	4536.92	4349.64	855.10	0.19
11/26/06	100.00	691.28	563.18	405.30	0.59
11/27/06	100.00	5551.39	5166.37	1297.40	0.23
11/28/06	100.00	6204.53	5998.46	997.20	0.16
11/29/06	100.00	5158.84	4998.24	908.00	0.18
11/30/06	100.00	4898.51	4719.04	879.70	0.18
Total	100.00	136895.86	130665.06	26868.60	0.20

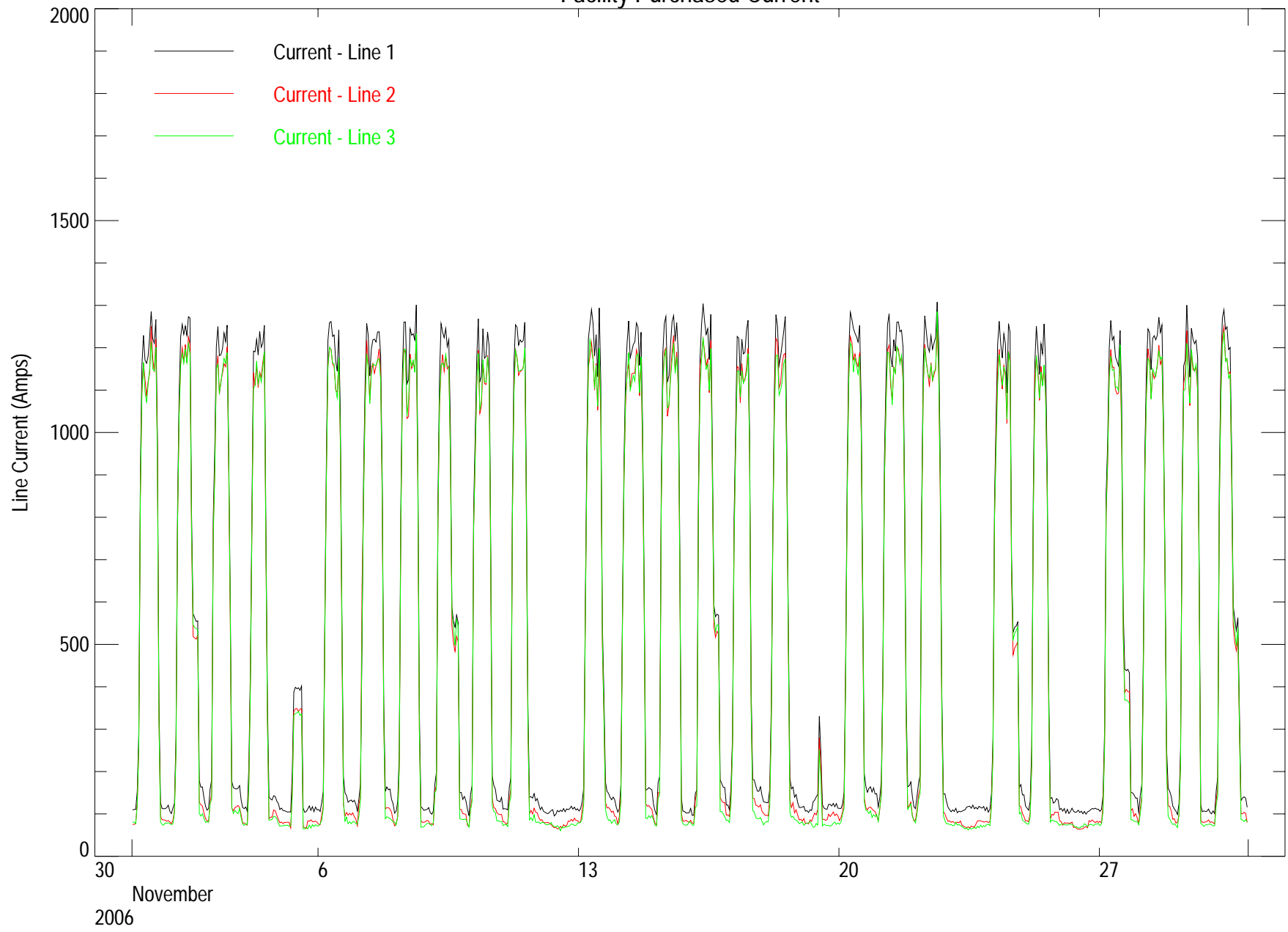
# Facility Purchased Power



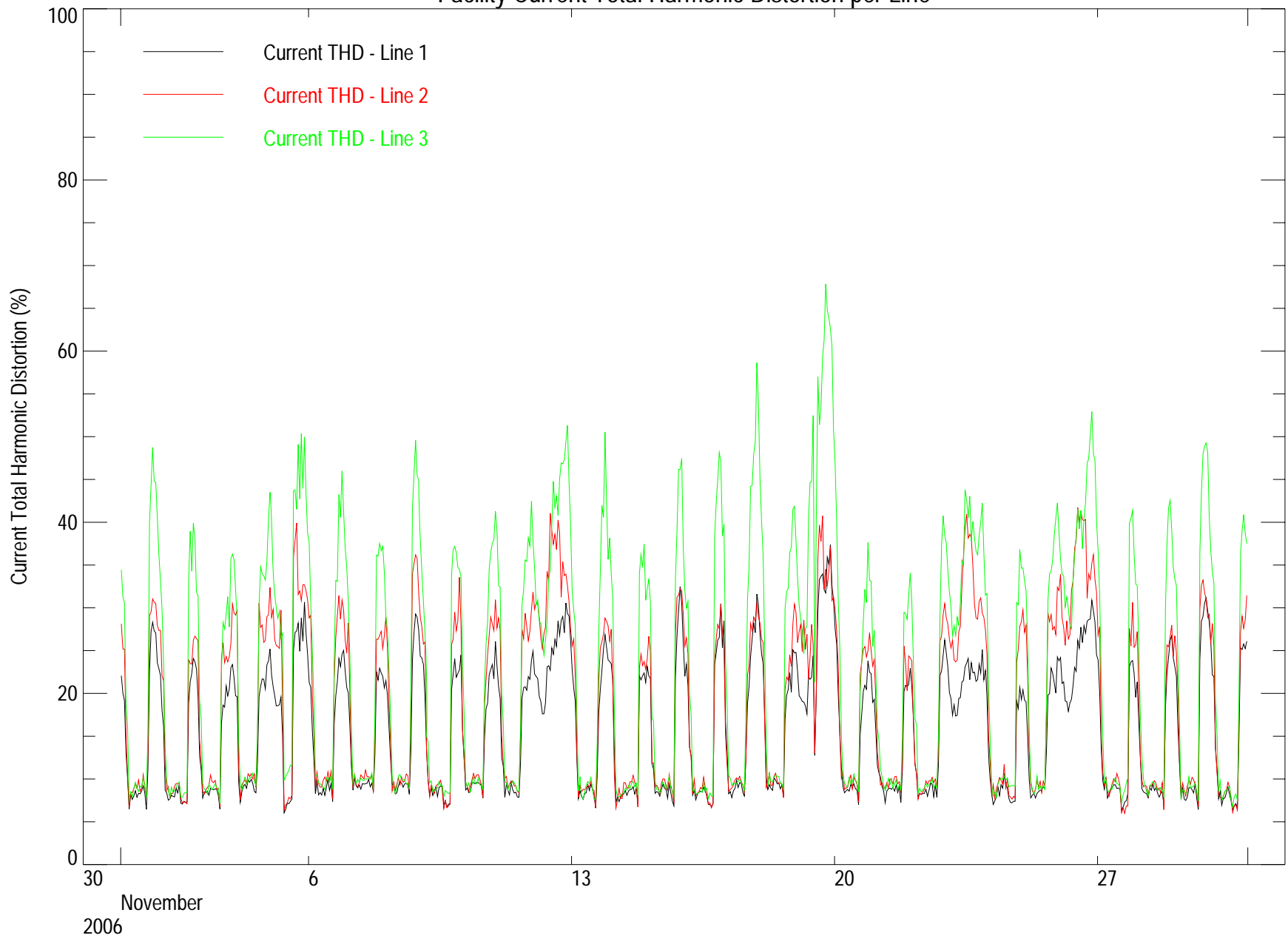
# Facility Voltage



# Facility Purchased Current



Facility Current Total Harmonic Distortion per Line



Facility Voltage Total Harmonic Distortion per Line

