

Date Time	Frequency (Hz)	Voltage (V)			Current (A)				Power factor			Apparent Power (kVA)	Power (kW)			
		L1-L2	L2-L3	L3-L1	L1	L2	L3	N	L1	L2	L3		L1	L2	L3	sum
6/3/2013 9:00	50.04	382.50	384.30	383.40	129.10	127.30	137.40		0.832	0.860	0.859	87.21	23.74	24.29	26.19	74.23
6/3/2013 9:01	50.03	382.50	384.40	383.50	128.70	127.30	137.20		0.832	0.860	0.858	87.08	23.66	24.29	26.12	74.08
6/3/2013 9:02	50.02	382.10	384.00	383.10	128.90	127.50	137.50		0.833	0.861	0.859	87.16	23.71	24.33	26.18	74.22
6/3/2013 9:03	50.01	381.80	383.70	382.60	129.20	128.10	137.40		0.835	0.861	0.859	87.25	23.80	24.42	26.14	74.36
6/3/2013 9:04	50.00	381.90	383.80	382.60	129.20	128.00	137.20		0.835	0.860	0.859	87.19	23.79	24.39	26.11	74.29
6/3/2013 9:05	49.98	381.70	383.60	382.30	129.10	128.00	137.00		0.835	0.860	0.859	87.07	23.78	24.36	26.05	74.19
6/3/2013 9:06	49.99	382.30	384.30	383.10	129.20	128.20	137.40		0.834	0.859	0.858	87.41	23.82	24.44	26.13	74.39
6/3/2013 9:07	50.00	385.30	387.20	385.90	128.90	128.10	136.90		0.829	0.854	0.852	87.88	23.79	24.45	26.07	74.31
6/3/2013 9:08	50.00	385.20	387.00	385.70	129.20	128.40	136.90		0.830	0.854	0.853	87.95	23.86	24.48	26.08	74.42
6/3/2013 9:09	50.02	385.00	386.80	385.40	129.00	128.00	136.60		0.831	0.854	0.854	87.71	23.82	24.41	26.02	74.25
6/3/2013 9:10	50.01	384.60	386.50	385.30	129.00	127.80	136.90		0.830	0.855	0.854	87.66	23.79	24.38	26.07	74.24
6/3/2013 9:11	50.02	384.60	386.60	385.30	129.00	128.20	137.20		0.830	0.856	0.854	87.82	23.79	24.48	26.14	74.40
6/3/2013 9:12	50.01	384.50	386.60	385.20	128.90	128.40	137.20		0.831	0.856	0.854	87.84	23.80	24.52	26.12	74.44
6/3/2013 9:13	50.01	384.10	386.20	384.80	128.70	128.20	137.00		0.831	0.856	0.854	87.61	23.74	24.47	26.06	74.27
6/3/2013 9:14	50.00	384.20	386.20	384.80	129.40	128.70	137.50		0.832	0.856	0.855	88.00	23.90	24.58	26.18	74.65
6/3/2013 9:15	50.00	384.20	386.10	384.70	129.40	128.60	137.30		0.832	0.856	0.855	87.92	23.89	24.53	26.15	74.57
6/3/2013 9:16	50.01	384.50	386.50	385.10	129.30	128.50	137.30		0.831	0.855	0.854	87.96	23.89	24.52	26.15	74.56
6/3/2013 9:17	50.01	384.50	386.40	385.10	129.60	128.40	137.50		0.831	0.855	0.855	88.04	23.93	24.51	26.21	74.65
6/3/2013 9:18	50.00	384.00	385.90	384.40	129.10	128.40	136.90		0.833	0.855	0.855	87.66	23.85	24.47	26.05	74.37
6/3/2013 9:19	49.96	383.10	385.00	383.50	129.40	128.70	137.10		0.835	0.857	0.856	87.63	23.90	24.52	26.07	74.48
6/3/2013 9:20	49.99	382.70	384.70	383.10	129.60	129.20	137.40		0.836	0.858	0.858	87.78	23.96	24.63	26.14	74.73
6/3/2013 9:21	49.97	384.10	386.00	384.50	130.00	129.30	137.70		0.834	0.856	0.855	88.27	24.04	24.66	26.22	74.92
6/3/2013 9:22	49.97	386.20	388.00	386.70	129.80	128.70	137.50		0.828	0.852	0.852	88.51	23.97	24.56	26.22	74.74
6/3/2013 9:23	49.98	386.40	388.30	387.00	129.40	128.50	137.60		0.827	0.852	0.851	88.47	23.90	24.54	26.23	74.66
6/3/2013 9:24	49.97	386.10	388.00	386.70	129.40	128.50	137.60		0.827	0.853	0.851	88.39	23.87	24.54	26.22	74.63
6/3/2013 9:25	49.95	385.80	387.80	386.40	129.50	128.80	137.70		0.828	0.853	0.851	88.46	23.91	24.60	26.23	74.74
6/3/2013 9:26	49.96	385.20	387.10	385.90	129.30	128.40	137.50		0.829	0.854	0.853	88.12	23.84	24.50	26.19	74.52
6/3/2013 9:27	49.96	385.00	387.00	385.80	129.80	128.80	138.10		0.829	0.855	0.854	88.44	23.95	24.60	26.33	74.88
6/3/2013 9:28	49.96	384.70	386.70	385.50	129.90	128.90	138.30		0.830	0.856	0.854	88.46	23.96	24.62	26.37	74.95
6/3/2013 9:29	49.97	384.40	386.40	385.10	130.20	129.50	138.60		0.832	0.857	0.855	88.65	24.06	24.75	26.42	75.23
6/3/2013 9:30	49.98	384.50	386.50	385.10	129.90	129.10	138.10		0.832	0.856	0.855	88.40	23.99	24.66	26.31	74.97
6/3/2013 9:31	49.98	384.70	386.60	385.20	129.90	129.00	137.90		0.832	0.855	0.855	88.36	24.00	24.63	26.27	74.90
6/3/2013 9:32	49.97	384.60	386.50	385.40	130.00	128.90	138.20		0.830	0.856	0.855	88.42	23.99	24.61	26.35	74.96
6/3/2013 9:33	49.97	384.70	386.70	385.40	130.10	129.20	138.50		0.831	0.856	0.855	88.59	24.02	24.69	26.41	75.11
6/3/2013 9:34	49.97	384.50	386.50	385.30	130.50	129.70	138.90		0.832	0.857	0.855	88.87	24.12	24.81	26.50	75.43
6/3/2013 9:35	49.95	384.40	386.40	385.20	130.30	129.30	138.70		0.831	0.857	0.855	88.67	24.06	24.71	26.45	75.22
6/3/2013 9:36	49.97	384.70	386.60	385.40	130.00	128.90	138.30		0.830	0.856	0.855	88.46	24.00	24.61	26.38	74.99
6/3/2013 9:37	49.96	384.60	386.50	385.20	130.00	129.10	138.20		0.831	0.856	0.855	88.48	24.02	24.66	26.35	75.02
6/3/2013 9:38	49.96	384.30	386.30	384.80	130.30	129.70	138.40		0.833	0.857	0.855	88.64	24.10	24.77	26.38	75.25
6/3/2013 9:39	49.96	384.10	385.90	384.60	130.80	129.70	138.80		0.833	0.857	0.857	88.76	24.18	24.77	26.48	75.42
6/3/2013 9:40	49.97	383.90	385.70	384.50	130.60	129.30	138.40		0.833	0.857	0.857	88.52	24.13	24.69	26.41	75.23
6/3/2013 9:41	50.01	384.20	385.90	384.80	131.30	129.80	139.20		0.834	0.858	0.859	89.03	24.30	24.82	26.62	75.74
6/3/2013 9:42	50.01	383.90	385.90	384.60	131.70	130.70	139.90		0.835	0.860	0.858	89.42	24.39	25.03	26.74	76.16
6/3/2013 9:43	50.02	384.00	385.90	384.60	131.30	130.40	139.50		0.835	0.859	0.858	89.18	24.31	24.95	26.65	75.91
6/3/2013 9:44	49.97	383.30	385.30	384.00	131.40	130.40	139.60		0.835	0.860	0.859	89.09	24.30	24.94	26.65	75.89
6/3/2013 9:45	49.97	383.00	385.00	383.70	131.40	130.50	139.60		0.836	0.860	0.859	89.04	24.31	24.96	26.63	75.91
6/3/2013 9:46	50.00	383.40	385.30	384.00	131.80	130.80	139.70		0.836	0.860	0.860	89.30	24.42	25.02	26.70	76.14
6/3/2013 9:47	50.04	383.70	385.60	384.20	131.50	130.70	139.60		0.837	0.860	0.859	89.24	24.38	25.02	26.68	76.08
6/3/2013 9:48	49.99	383.20	385.20	383.80	131.50	130.60	139.50		0.837	0.860	0.859	89.08	24.34	24.98	26.63	75.95
6/3/2013 9:49	49.99	383.00	385.00	383.60	131.90	131.00	139.80		0.837	0.860	0.860	89.28	24.43	25.05	26.70	76.17
6/3/2013 9:50	49.98	382.60	384.60	383.30	131.60	130.60	139.70		0.837	0.861	0.860	89.02	24.35	24.97	26.66	75.98
6/3/2013 9:51	49.99	382.90	384.80	383.60	131.20	130.10	139.50		0.836	0.861	0.860	88.86	24.25	24.89	26.64	75.78
6/3/2013 9:52	49.99	382.90	384.90	383.80	131.80	130.70	140.40		0.836	0.862	0.861	89.33	24.38	25.03	26.84	76.25
6/3/2013 9:53	50.00	382.90	384.90	383.70	132.60	131.40	141.00		0.837	0.863	0.862	89.79	24.56	25.19	26.97	76.72
6/3/2013 9:54	50.02	383.10	385.10	383.70	131.90	131.00	140.00		0.837	0.861	0.860	89.35	24.43	25.08	26.76	76.28

Date Time	Frequency (Hz)	Voltage (V)			Current (A)				Power factor			Apparent Power (kVA)	Power (kW)			
		L1-L2	L2-L3	L3-L1	L1	L2	L3	N	L1	L2	L3		L1	L2	L3	sum
6/3/2013 9:55	50.03	383.20	385.20	383.90	131.70	130.70	140.00		0.837	0.861	0.860	89.27	24.38	25.03	26.75	76.17
6/3/2013 9:56	50.02	382.90	384.90	383.80	132.20	130.90	140.60		0.837	0.862	0.861	89.50	24.47	25.07	26.90	76.44
6/3/2013 9:57	50.01	383.20	385.10	384.00	131.40	130.20	139.70		0.835	0.861	0.860	89.04	24.31	24.91	26.71	75.93
6/3/2013 9:58	50.02	383.50	385.50	384.10	131.20	130.50	139.40		0.836	0.860	0.859	89.07	24.30	24.99	26.62	75.91
6/3/2013 9:59	50.02	383.50	385.60	384.10	131.60	131.20	139.90		0.837	0.861	0.859	89.42	24.41	25.13	26.72	76.25
6/3/2013 10:00	50.04	383.40	385.50	384.10	132.10	131.40	140.40		0.837	0.861	0.860	89.64	24.49	25.18	26.84	76.51
6/3/2013 10:01	50.02	383.30	385.40	384.10	131.80	131.00	140.30		0.837	0.862	0.860	89.48	24.41	25.12	26.82	76.35
6/3/2013 10:02	50.02	383.50	385.60	384.30	132.50	131.80	141.00		0.837	0.862	0.860	90.01	24.58	25.28	26.98	76.84
6/3/2013 10:03	50.02	383.30	385.40	384.00	132.90	132.20	141.30		0.838	0.863	0.861	90.21	24.67	25.37	27.05	77.09
6/3/2013 10:04	50.02	383.10	385.20	383.70	133.50	132.80	141.90		0.840	0.864	0.862	90.53	24.80	25.49	27.17	77.46
6/3/2013 10:05	50.01	382.70	384.80	383.50	134.00	133.00	142.50		0.840	0.865	0.863	90.76	24.88	25.54	27.31	77.73
6/3/2013 10:06	50.02	382.60	384.70	383.50	133.80	132.70	142.60		0.839	0.865	0.863	90.63	24.81	25.49	27.33	77.63
6/3/2013 10:07	50.02	382.20	384.30	383.10	134.10	132.90	142.80		0.840	0.866	0.864	90.73	24.88	25.53	27.37	77.79
6/3/2013 10:08	50.01	382.10	384.10	383.00	133.50	132.20	142.30		0.839	0.866	0.864	90.30	24.74	25.38	27.26	77.38
6/3/2013 10:09	50.00	381.80	383.80	382.70	133.40	132.10	142.10		0.839	0.866	0.864	90.11	24.70	25.33	27.21	77.24
6/3/2013 10:10	50.02	382.40	384.40	383.30	133.30	132.20	141.90		0.839	0.865	0.863	90.21	24.70	25.37	27.18	77.25
6/3/2013 10:11	50.01	382.20	384.40	383.10	134.00	133.10	142.70		0.840	0.866	0.864	90.71	24.87	25.56	27.35	77.78
6/3/2013 10:12	50.00	382.30	384.40	383.00	133.00	132.30	141.60		0.840	0.864	0.862	90.06	24.66	25.37	27.08	77.11
6/3/2013 10:13	49.96	383.20	385.40	384.10	132.70	132.00	141.60		0.837	0.863	0.860	90.17	24.59	25.32	27.08	76.98
6/3/2013 10:14	49.98	384.30	386.60	385.30	132.30	131.70	141.40		0.834	0.861	0.858	90.26	24.51	25.29	27.06	76.85
6/3/2013 10:15	49.96	384.50	386.70	385.40	132.40	131.80	141.30		0.834	0.860	0.857	90.30	24.52	25.30	27.03	76.85
6/3/2013 10:16	49.96	384.00	386.20	384.80	133.10	132.80	141.90		0.837	0.862	0.859	90.70	24.71	25.51	27.16	77.37
6/3/2013 10:17	49.96	384.10	386.20	385.00	133.50	132.50	142.20		0.836	0.862	0.860	90.82	24.75	25.46	27.25	77.46
6/3/2013 10:18	49.98	384.00	386.10	385.00	133.40	132.10	142.10		0.835	0.862	0.860	90.65	24.71	25.37	27.24	77.32
6/3/2013 10:19	49.98	383.90	385.80	384.80	133.50	132.10	142.10		0.836	0.862	0.861	90.62	24.74	25.36	27.24	77.34
6/3/2013 10:20	50.00	384.30	386.30	385.10	133.90	132.70	142.40		0.836	0.862	0.861	91.02	24.87	25.51	27.31	77.69
6/3/2013 10:21	49.95	383.90	385.90	384.60	134.10	133.10	142.50		0.837	0.862	0.861	91.06	24.90	25.54	27.31	77.75
6/3/2013 10:22	49.98	384.00	386.00	384.90	133.30	132.00	141.90		0.835	0.862	0.860	90.57	24.70	25.34	27.20	77.25
6/3/2013 10:23	50.00	384.00	386.10	384.90	133.50	132.50	142.30		0.836	0.862	0.860	90.82	24.78	25.47	27.28	77.52
6/3/2013 10:24	49.98	383.40	385.50	384.40	134.00	132.90	142.80		0.837	0.864	0.862	91.00	24.86	25.54	27.39	77.80
6/3/2013 10:25	49.97	383.20	385.40	384.00	134.50	133.70	143.10		0.839	0.864	0.862	91.29	24.99	25.69	27.44	78.12
6/3/2013 10:26	49.99	383.30	385.40	384.00	133.90	133.10	142.50		0.839	0.863	0.862	90.88	24.87	25.57	27.29	77.73
6/3/2013 10:27	50.01	383.50	385.60	384.30	133.70	132.80	142.20		0.838	0.863	0.861	90.78	24.84	25.51	27.25	77.60
6/3/2013 10:28	50.01	383.40	385.40	384.20	134.00	132.90	142.40		0.838	0.863	0.862	90.86	24.90	25.51	27.30	77.71
6/3/2013 10:29	49.99	383.10	385.10	384.10	133.70	132.20	142.30		0.837	0.864	0.862	90.56	24.77	25.38	27.28	77.43
6/3/2013 10:30	49.98	382.80	384.90	383.80	133.90	132.70	142.70		0.838	0.865	0.863	90.75	24.82	25.49	27.35	77.66
6/3/2013 10:31	49.97	382.80	384.80	383.60	133.30	132.20	142.00		0.838	0.864	0.862	90.32	24.69	25.36	27.17	77.22
6/3/2013 10:32	49.99	382.80	385.00	383.70	133.30	132.40	142.10		0.838	0.864	0.862	90.43	24.72	25.41	27.21	77.34
6/3/2013 10:33	49.98	382.80	384.80	383.60	134.20	133.10	142.90		0.839	0.865	0.863	90.93	24.90	25.57	27.38	77.86
6/3/2013 10:34	49.96	382.50	384.60	383.30	134.30	133.40	143.00		0.840	0.865	0.863	90.96	24.93	25.62	27.39	77.94
6/3/2013 10:35	49.97	382.60	384.70	383.40	133.80	133.20	142.50		0.840	0.865	0.862	90.72	24.84	25.56	27.27	77.68
6/3/2013 10:36	49.96	382.60	384.70	383.30	133.90	133.00	142.40		0.840	0.864	0.863	90.69	24.85	25.53	27.26	77.64
6/3/2013 10:37	49.98	382.70	384.80	383.50	133.70	132.80	142.20		0.839	0.864	0.862	90.59	24.81	25.49	27.24	77.54
6/3/2013 10:38	49.97	382.40	384.40	383.30	134.20	133.00	142.70		0.840	0.865	0.864	90.78	24.90	25.53	27.34	77.77
6/3/2013 10:39	49.98	382.30	384.40	383.40	134.20	133.10	143.20		0.839	0.866	0.864	90.91	24.88	25.57	27.45	77.90
6/3/2013 10:40	49.96	382.20	384.40	383.20	133.80	132.80	142.80		0.839	0.866	0.863	90.64	24.78	25.50	27.34	77.63
6/3/2013 10:41	49.98	382.30	384.60	383.40	134.00	133.20	143.20		0.839	0.866	0.863	90.91	24.85	25.61	27.43	77.90
6/3/2013 10:42	49.95	382.00	384.20	382.90	134.40	133.70	143.50		0.840	0.867	0.864	91.09	24.94	25.70	27.48	78.11
6/3/2013 10:43	49.96	382.00	384.20	382.90	134.60	133.80	143.50		0.841	0.867	0.864	91.13	24.97	25.70	27.50	78.17
6/3/2013 10:44	49.98	382.10	384.20	383.10	133.40	132.30	142.20		0.839	0.865	0.864	90.28	24.71	25.39	27.24	77.34
6/3/2013 10:45	49.98	382.00	384.00	382.90	133.70	132.50	142.30		0.840	0.865	0.864	90.35	24.78	25.41	27.24	77.43
6/3/2013 10:46	49.98	382.10	384.20	383.00	134.60	133.60	143.30		0.841	0.866	0.864	91.05	24.99	25.66	27.46	78.10
6/3/2013 10:47	49.98	382.50	384.60	383.30	133.90	133.00	142.60		0.840	0.865	0.863	90.71	24.84	25.54	27.30	77.69
6/3/2013 10:48	49.97	382.20	384.30	382.90	133.50	132.70	142.00		0.840	0.865	0.863	90.36	24.77	25.45	27.18	77.40
6/3/2013 10:49	49.98	381.90	384.10	382.90	134.70	133.70	143.80		0.841	0.867	0.865	91.20	25.00	25.71	27.56	78.28
6/3/2013 10:50	49.97	382.10	384.30	383.10	135.20	134.10	144.20		0.841	0.867	0.865	91.53	25.09	25.80	27.66	78.55
6/3/2013 10:51	49.98	382.20	384.40	383.20	135.90	134.80	144.90		0.841	0.868	0.866	92.01	25.25	25.94	27.82	79.02

Date Time	Frequency (Hz)	Voltage (V)			Current (A)				Power factor			Apparent Power (kVA)	Power (kW)			
		L1-L2	L2-L3	L3-L1	L1	L2	L3	N	L1	L2	L3		L1	L2	L3	sum
6/3/2013 10:52	49.99	382.70	384.90	383.70	134.80	133.90	143.80		0.840	0.866	0.864	91.44	25.04	25.76	27.58	78.38
6/3/2013 10:53	50.04	383.70	385.90	384.70	134.80	133.90	143.80		0.839	0.865	0.863	91.67	25.07	25.79	27.63	78.49
6/3/2013 10:54	50.02	383.80	385.90	384.60	135.60	134.70	144.40		0.840	0.865	0.863	92.16	25.25	25.95	27.75	78.95
6/3/2013 10:55	50.03	383.90	386.10	384.70	135.30	134.50	143.90		0.840	0.864	0.862	91.96	25.19	25.90	27.64	78.73
6/3/2013 10:56	50.02	383.30	385.40	384.10	135.80	134.90	144.40		0.841	0.866	0.864	92.13	25.29	25.97	27.75	79.01
6/3/2013 10:57	50.01	383.40	385.50	384.10	134.50	133.70	143.10		0.839	0.864	0.862	91.29	25.01	25.70	27.44	78.14
6/3/2013 10:58	50.02	383.50	385.60	384.30	135.20	134.10	143.70		0.840	0.865	0.863	91.71	25.14	25.81	27.61	78.56
6/3/2013 10:59	50.00	382.80	384.90	383.50	134.90	133.90	143.30		0.841	0.865	0.864	91.33	25.08	25.74	27.48	78.30
6/3/2013 11:00	50.00	382.70	385.00	383.60	134.20	133.50	143.00		0.840	0.865	0.863	91.05	24.93	25.67	27.41	78.01
max	50.04	386.40	388.30	387.00	135.90	134.90	144.90	0.00	0.841	0.868	0.866	92.16	25.29	25.97	27.82	79.02
min	49.95	381.70	383.60	382.30	128.70	127.30	136.60	0.00	0.827	0.852	0.851	87.07	23.66	24.29	26.02	74.08
average	49.99	383.43	385.46	384.19	132.06	131.11	140.48	#DIV/0!	0.836	0.861	0.859	89.62	24.45	25.12	26.85	76.42