BT 163A 09/29/2003 01:07:14 PM

U1 ID FAN IC1

Voltage

	Fund RMS	Tot RMS	C.F.	THD
Voltage 1-2	6559.58	6576.23	1.54	3.98
Voltage 2-3	6570.10	6586.81	1.52	3.95
Voltage 1-3	6580.92	6597.47	1.53	3.97
Average	6570.20	6586.84		
% Imbalance	0.16	0.16	HVF	0.01
%NEMA Derating	100.00	%NEMA	Derating	100.00

Voltage 1	3793.37	3802.93	1.53	3.98
Voltage 2	3787.12	3796.77	1.55	3.96
Voltage 3	3799.43	3809.03	1.56	3.95
Average	3793.31	3802.91		
% Imbalance	0.16	0.16		

Power

	kW	kVar	kVA	Pf
Phase 1	602.04	630.61	871.85	0.72
Phase 2	579.59	616.72	846.33	0.72
Phase 3	609.20	643.58	886.18	0.72
Total	1790.83	1890.91	2604.36	0.72
Power Sequence	1790.83	1721.92	2484.37	0.72

Efficiency

Efficiency	184.21
HP Output	4424.82
kW Output	3298.97

Current

Current 1	219.27	229.26	1.69	26.88
Current 2	213.19	222.91	1.67	27.42
Current 3	222.47	232.65	1.74	26.92
Average	218.31	228.27		
% Imbalance	2.35	2.35		
% FLA	44.55	46.59		

Sequence

	Positive	Negative	Zero
Volt Phase-Phase	6570.19	12.32	0.00
Volt Phase-Neutral	3793.30	7.11	0.00
Current	218.31	2.52	1.29

	Self	Angle	Mutual	Angle
Zero	17.38	43.88	17.38	283.88
Positive	0.17	154.84	0.23	277.20
Negative	0.24	309.15	0.24	309.06

Phase Configuration	Phase to Phase
Phase Rotation	Clockwise

Impedance

	Real	Magnitude	Angle
Phase 1	12.52	17.30	43.63
Phase 2	12.75	17.76	44.12
Phase 3	12.31	17.08	43.89
% Imbalance	1.80		

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BT 163B 09/29/2003 01:08:13 PM

U1 1D FAN 1C2

Voltage

	Fund RMS	Tot RMS	C.F.	THD
Voltage 1-2	6563.26	6530.61	1 52	4.06
Voltage 2-3	6558.87	6576.41	1.54	4.07
Voltage 1-3	6565.98	6583.48	1.54	4.12
Average	6562.70	6580.17		
% Imbalance	0 06	0 06	HVF	0.01
%NEMA Derating	100 00	%NEMA	Derating	100.00

Voltage 1	3791 19	3801 23	1 55	4.10
Voltage 2	3787 08	3797.15	1 54	4.04
Voltage 3	3788 66	3798 81	1 56	4 11
Average	3788 98	3799.06		
% Imbalance	0.06	0 06		

Power

	kW	kVar	kVA	Pf
Phase 1	562 13	609 21	828.93	0.71
Phase 2	552.69	608 91	822 33	0 70
Phase 3	566.66	630.02	847 37	0 70
Total	1681 48	1848 14	2498.64	0 71
Power Sequence	1681 48	1687.07	2381 93	0 71

Efficiency

Efficiency	184.21
HP Output	4154.63
kW Output	3097.53

Current

Current 1	208.51	218.07	1.58	26.97
Current 2	207 18	216 57	1 58	26.98
Current 3	212.96	223.06	1.70	27.11
Average	209 55	219.23		
% Imbalance	1.63	1 75		
% FLA	42.77	44 74		

Sequence

	Positive	Negative	Zero
Volt Phase-Phase	6562 70	4.15	0.00
Volt Phase-Neutral	3788 98	2 39	0.00
Current	209.55	1.13	1 11

	Self	Angle	Mutual	Angle
Zero	18.08	45.09	18 08	285 09
Positive	0.10	94 83	0.08	223 82
Negative	0 21	324 50	0 21	324.48

Phase Configuration	Phase to Phase
Phase Rotation	Clockwise

Impedance

	Real	Magnitude	Angle
Phase 1	12 93	18.18	44 68
Phase 2	12.88	18 28	45.22
Phase 3	12 49	17.79	45 39
% Imbalance	2 13		

IP7_025735

U110 FAN 1D1

Voltage

	Fund RMS	Tot RMS	C.F	THD
Voltage 1-2	6550.53	6570.04	1 54	4.35
Voltage 2-3	6546.13	6566.10	1.53	4 28
Voltage 1-3	6573.44	6593.15	1.56	4 33
Average	6556.72	6576.43		
% Imbalance	0 26	0 25	HVF	0 01
%NEMA Derating	100.00	%NEMA	Derating	100.00

Voltage 1	3791.61	3802 87	1 54	4.36
Voltage 2	3775.85	3787 24	1 56	4.31
Voltage 3	3789 10	3800 60	1.55	4.29
Average	3785 52	3796 90		
% Imbalance	0 26	0.25		

Current

Current 1	214.37	223 80	1 70	27.24
Current 2	212 57	222.15	1.66	27.70
Current 3	218 40	228.28	1 73	27.39
Average	215.11	224.74		
% Imbalance	1.53	1.57		
% FLA	43.90	45.87		

Impedance

	Real	Magnitude	Angle
Phase 1	12 22	17 69	46.32
Phase 2	12.10	17.76	47 08
Phase 3	11.80	17.35	47 14
% Imbalance	1.96		

Power

	kW	kVar	kVA	Pf
Phase 1	561.34	639 74	851 10	0.69
Phase 2	546.57	639 59	841.32	0.68
Phase 3	562.92	660.21	867 61	0.68
Total	1670.83	1939 53	2560.03	0.68
Power Sequence	1670.83	1782 17	2442.91	0.68

Efficiency

Efficiency	184 21
HP Output	4128.32
kW Output	3077.91

Sequence

	Positive	Negative	Zero
Volt Phase-Phase	6556.71	16 92	0 00
Volt Phase-Neutral	3785.52	9 77	0 00
Current	215.11	0.96	1 11

	Self	Angle	Mutual	Angle
Zero	17 60	46 84	17.60	286 85
Positive	0.06	85 39	0.07	277.14
Negative	0.20	327.84	0.20	327.77

Phase Configuration	Phase to Phase
Phase Rotation	Clockwise

U1 ID FAN 1D2

Voltage

	Fund RMS	Tot RMS	C.F	THD
Voltage 1-2	6562.22	6569.17	1 54	4 30
Voltage 2-3	6561.41	6573.70	1.53	4.37
Voltage 1-3	6573.21	6590.15	1.55	4.30
Average	6562.28	6579.34		
% Imbalance	0.17	0 16	HVF	0.01
%NEMA Derating	100.00	%NEMA	Derating	100.00

Voltage 1	3789.24	3798.96	1.55	4.28
Voltage 2	3782 42	3792 34	1.56	4.34
Voltage 3	3794 54	3804.45	1 55	4 35
Average	3788.73	3798 58		
% Imbalance	0.17	0.16		

Power

	kW	kVar	kVA	Pf
Phase 1	554 41	625.67	835 96	0 70
Phase 2	536 18	622 32	821 44	0.68
Phase 3	558.79	642.79	851 72	0 69
Total	1649.38	1890.79	2509 13	0 69
Power Sequence	1649 38	1730 62	2390.71	0.69

Efficiency

Efficiency	184.21
HP Output	4075.32
kW Output	3038.40

Current

Current 1	210.25	220.05	1.58	26.57
Current 2	207.16	216 61	1 53	27.56
Current 3	213.60	223.88	1.58	27.37
Average	210 34	220 18		
% Imbalance	1.55	1.68		
% FLA	42.93	44.93		

Sequence

	Positive	Negative	Zero
Volt Phase-Phase	6562.27	12 15	0.00
Volt Phase-Neutral	3788 73	7.02	0 00
Current	210.33	1.24	1 17

	Self	Angle	Mutual	Angle
Zero	18.01	46.38	18 02	286 38
Positive	0.07	163 15	0 13	286.36
Negative	0.22	327.05	0.22	326 99

Phase Configuration	Phase to Phase
Phase Rotation	Clockwise

Impedance

	Real	Magnitude	Angle
Phase 1	12 54	18.02	45 90
Phase 2	12.49	18.26	46.82
Phase 3	12.25	17.76	46 42
% Imbalance	1.45		

U1 FD FAN 1B

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Voltage

	Fund RMS	Tot RMS	C.F.	THD
Voltage 1-2	65730.47	65930.77	1.54	4.03
Voltage 2-3	65673.74	65808.49	1.51	4.09
Voltage 1-3	65810.71	65994.96	1.55	4.14
Average	65728.31	65911.41		
% Imbalance	0.16	0.16	HVF	0.01
%NEMA Derating	100.00	%NEMA	Derating	100.00

Voltage 1	38008.59	38113.35	1.56	4.08
Voltage 2	37900.67	38005.72	1.55	4.03
Voltage 3	37935.51	38042.84	1.55	4.14
Average	37948.26	38053.97		
% Imbalance	0.16	0.16		

Power

	kW	kVar	kVA	Pf
Phase 1	3743.81	6627.07	7611.45	0.49
Phase 2	3687.06	6872.42	7799.01	0.48
Phase 3	3603.56	6986.27	7860.89	0.46
Total	11034.43	20485.76	23271.35	0.48
Power Sequence	11034.43	20341.55	23141.68	0.48

Efficiency

Efficiency	73.39
HP Output	10862.32
kW Output	8098.51

Current

Current 1	199.23	199.71	1.53	3.87
Current 2	204.59	205.21	1.54	4.06
Current 3	206.09	206.63	1.55	3.98
Average	203.30	203.85		
% Imbalance	2.01	2.03		
% FLA	73.93	74.13		

Sequence

	Positive	Negative	Zero
Volt Phase-Phase	65728.26	110.18	0.00
Volt Phase-Neutral	37948.23	63.61	0.00
Current	203.28	3.25	1.31

	Self	Angle	Mutual	Angle
Zero	186.68	61.50	186.67	301.50
Positive	3.29	33.75	2.89	146.92
Negative	2.51	358.99	2.50	358.85

Phase Configuration	Phase to Phase
Phase Rotation	Clockwise

Impedance

	Real	Magnitude	Angle
Phase 1	94.32	190.78	60.37
Phase 2	88.08	185.25	61.61
Phase 3	84.85	184.08	62.55
% Imbalance	5.88		

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U1 PA FAN 2B

Voltage

	Fund RMS	Tot RMS	C.F	THD
Voltage 1-2	6549 58	6568 23	1.51	3 96
Voltage 2-3	6560 40	6578.97	1 55	3.92
Voltage 1-3	6561.82	6580.31	1.54	3.92
Average	6557.27	6575 84		
% Imbalance	0.12	0.12	HVF	0.01
%NEMA Derating	100 00	%NEMA	Derating	100.00

Voltage 1	3784 03	3794 75	1 54	3 95
Voltage 2	3783.21	3793 98	1 54	3.94
Voltage 3	3790.28	3800.95	1.53	3.91
Average	3785 84	3796.56		
% Imbalance	0.12	0 12		

Power

	kW	kVar	kVA	Pf
Phase 1	1054.49	554.52	1191 40	0.89
Phase 2	1052 35	583 78	1203 42	0.88
Phase 3	1063.78	576.60	1210 00	0 88
Total	3170 62	1714.90	3604 83	0.88
Power Sequence	3170 62	1683.58	3589.89	0 88

Efficiency

Efficiency	68 39
HP Output	2908.35
kW Output	2168.35

Current

Current 1	313.57	313.96	1 44	1.91
Current 2	316 78	317.19	1.46	2.01
Current 3	317.93	318.34	1.46	2 12
Average	316.09	316.50		
% Imbalance	0 80	0.80		
% FLA	71.84	71.93		

Sequence

	Positive	Negative	Zero
Volt Phase-Phase	6557.27	7 73	0 00
Volt Phase-Neutral	3785.84	4.46	0 00
Current	316.08	1.41	0.92

	Self	Angle	Mutual	Angle
Zero	11.98	27 96	11.98	267.96
Positive	0.07	307.39	0 04	69.35
Negative	0.11	343.85	0.11	343 91

Phase Configuration	Phase to Phase
Phase Rotation	Clockwise

Impedance

	Real	Magnitude	Angle
Phase 1	10.72	12.07	27.29
Phase 2	10.49	11 94	28.59
Phase 3	10.52	11.92	28 02
% Imbalance	1 38		

IP7_025739

U1 SUS 1B11

Voltage

	Fund RMS	Tot RMS	C.F.	THD
Voltage 1-2	6556.27	6575.32	1.52	4.09
Voltage 2-3	6550 74	6569.72	1.50	4 09
Voltage 1-3	6560 00	6579.41	1.52	4.06
Average	6555 67	6574 81		
% Imbalance	0.08	0.08	HVF	0.01
%NEMA Derating	100 00	%NEMA	Derating	100.00

Voltage 1	3787.76	3798.91	1.55	4.07
Voltage 2	3782.42	3793 32	1 54	4 10
Voltage 3	3784 57	3795.68	1.54	4.07
Average	3784 92	3795 97		
% Imbalance	0.08	0 08		

Power

	kW	kVar	kVA	Pf
Phase 1	409.03	247 47	478 06	0.86
Phase 2	409.90	265 53	488.39	0 84
Phase 3	405.21	262 76	482.95	0 84
Total	1224.13	775 76	1449.40	0 85
Power Sequence	1224 13	763 21	1442.56	0 85

Efficiency

Efficiency	117.58
HP Output	1930.55
kW Output	1439.34

Current

Current 1	125.66	125.84	1.48	1.98
Current 2	128.51	128 75	1.55	2.17
Current 3	127 01	127.24	1.50	2.08
Average	127.06	127.28		
% Imbalance	1.14	1 16		
% FLA	26 47	26.52		

Sequence

	Positive	Negative	Zero
Volt Phase-Phase	6555.67	5.38	0.00
Volt Phase-Neutral	3784.92	3.10	0 00
Current	127 05	1.85	0 89

	Self	Angle	Mutual	Angle
Zero	29 79	31.93	29.79	271 93
Positive	0 45	325.51	0 44	80 25
Negative	0.27	341.43	0 26	341 45

Phase Configuration	Phase to Phase
Phase Rotation	Clockwise

Impedance

	Real	Magnitude	Angle
Phase 1	25.91	30.14	30.75
Phase 2	24 82	29 43	32.51
Phase 3	25 12	29.80	32.54
% Imbalance	2 47		

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U1 Condensate Pump 1B

Voltage

	Fund RMS	Tot RMS	C.F.	THD
Voltage 1-2	6558 36	6576 26	1.55	3.99
Voltage 2-3	6545.89	6563 91	1.55	4 07
Voltage 1-3	6564.65	6582 90	1.52	4 14
Average	6556 30	6574 36		
% Imbalance	0 16	0 16	HVF	0.01
%NEMA Derating	100 00	%NEMA	Derating	100 00

Voltage 1	3791 29	3801 73
Voltage 2	3780 46	3790.77
Voltage 3	3784.10	3794.61
Average	3785 28	3795 71
% Imbalance	0.16	0 16

Power

	kW	kVar	kVA	Pf
Phase 1	404.42	195 71	449 29	0 90
Phase 2	410 76	204 26	458 74	0.90
Phase 3	406 77	206.84	456.34	0.89
Total	1221 95	606.81	1364.37	0 90
Power Sequence	1221.95	594 64	1358.96	0 90

Efficiency

Efficiency	97.30
HP Output	1594 74
kW Output	1188 97

Current

Current 1	118.05	118 18	1.46	2.13
Current 2	120.87	121 02	1 47	2 17
Current 3	120.11	120.26	1 46	2 25
Average	119.68	119.82		
% Imbalance	1.36	1 37		
% FLA	90.66	90 77		

Sequence

	Positive	Negative	Zero
Volt Phase-Phase	6556.30	11.02	0 00
Volt Phase-Neutral	3785 28	6 36	0 00
Current	119 67	1.30	0 58

	Self	Angle	Mutual	Angle
Zero	31.63	25 94	31.63	265 94
Positive	0 40	350 85	0 34	99.60
Negative	0 19	354 12	0 19	354.10

Phase Configuration	Phase to Phase
Phase Rotation	Clockwise

Impedance

	Real	Magnitude	Angle
Phase 1	29.02	32.12	25.36
Phase 2	28.12	31.28	25 98
Phase 3	28.19	31.50	26.50
% Imbalance	2.03		

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U1 CIRC WATER PUMP 1B

Voltage

	Fund RMS	Tot RMS	C.F	THD
Voltage 1-2	6656 74	6676.20	1 52	3.78
Voltage 2-3	6658 23	6677 76	1 53	3 77
Voltage 1-3	6655 70	6675 60	1.49	3 79
Average	6656.89	6676 52		
% Imbalance	0 02	0 02	HVF	0.01
%NEMA Derating	100 00	%NEMA	Derating	100.00

Voltage 1	3842.59	3853.97	1 55	3 79
Voltage 2	3844.05	3855 22	1.53	3.77
Voltage 3	3843.45	3854 88	1.55	3.78
Average	3843 36	3854 69		
% Imbalance	0.02	0.02		

Power

	kW	kVar	kVA	Pf
Phase 1	558 14	438.77	709 96	0.79
Phase 2	547 11	447.17	706 60	0.78
Phase 3	556.92	451 02	716.65	0 78
Total	1662 18	1336.96	2133 21	0 78
Power Sequence	1662 18	1319.71	2122.37	0 78

Efficiency

Efficiency	84.05
HP Output	1873.91
kW Output	1397.11

Current

Current 1	183.83	184 21	1.56	1 63
Current 2	183.03	183.28	1 47	1 52
Current 3	185.38	185.91	1 55	2.17
Average	184 08	184.47		
% Imbalance	0 71	0.78		
% FLA	102.94	103.06		

Sequence

	Positive	Negative	Zero
Volt Phase-Phase	6656 89	1 47	0 00
Volt Phase-Neutral	3843.36	0 85	0.00
Current	184.07	0 42	0.97

	Self	Angle	Mutual	Angle
Zero	20 88	38 45	20 88	278 45
Positive	0 05	274 17	0 04	41 98
Negative	0 20	323.07	0 20	323 07

Phase Configuration	Phase to Phase
Phase Rotation	Clockwise

Impedance

	Real	Magnitude	Angle
Phase 1	16 52	20.90	37.80
Phase 2	16.33	21 00	38.96
Phase 3	16.21	20 73	38.59
% Imbalance	1.01		

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U1 Circ Water Pump 1C

Voltage

	Fund RMS	Tot RMS	C.F.	THD
Voltage 1-2	6548 63	6566 64	1.51	3 93
Voltage 2-3	6553.37	6571 44	1 51	3 94
Voltage 1-3	6577.44	6595.13	1.55	3 85
Average	6559.81	6577 74		
% Imbalance	0.27	0 26	HVF	0.01
%NEMA Derating	100 00	%NEMA	Derating	100.00

Voltage 1	3791.04	3801 30	1 55	3 87
Voltage 2	3777.12	3787.61	1.56	3.96
Voltage 3	3793 77	3804.07	1.56	3 89
Average	3787 31	3797.66		
% Imbalance	0.27	0.26		

Power

	kW	kVar	kVA	Pf
Phase 1	452.49	367.88	583 17	0.78
Phase 2	453 61	380.02	591 76	0 77
Phase 3	454 04	385 68	595.73	0.77
Total	1360 14	1133 58	1770.66	0 77
Power Sequence	1360 14	1122.67	1763.62	0.77

Efficiency

Efficiency	84.05
HP Output	1533 40
kW Output	1143.24

Current

Current 1	153 24	153.41	1 47	1.59
Current 2	156.03	156 24	1.49	1 68
Current 3	156 42	156.60	1.47	1.58
Average	155 23	155 42		
% Imbalance	1 28	1.29		
% FLA	86.72	86.83		

Sequence

	Positive	Negative	Zero
Volt Phase-Phase	6559 80	17.85	0 00
Volt Phase-Neutral	3787 30	10.31	0.00
Current	155 23	1 39	0.73

	Self	Angle	Mutual	Angle
Zero	24 40	39 53	24.40	279 53
Positive	0.27	3.01	0.16	124.68
Negative	0 18	351.08	0.18	351 18

Phase Configuration	Phase to Phase
Phase Rotation	Clockwise

Impedance

	Real	Magnitude	Angle
Phase 1	19.27	24.74	38.84
Phase 2	18.63	24.21	39.68
Phase 3	18.56	24.25	40.08
% Imbalance	2.39		

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U1 Fly Ash Comp 1B

Voltage

	Fund RMS	Tot RMS	C.F.	THD
Voltage 1-2	6561.77	6583 52	1.55	4 18
Voltage 2-3	6559 30	6580.84	1 55	4.21
Voltage 1-3	6565 60	6586.91	1.55	4 20
Average	6562.22	6583.76		
% Imbalance	0.05	0.05	HVF	0.01
%NEMA Derating	100 00	%NEMA	Derating	100 00

Voltage 1	3790.39	3802 82	1.56	4 18
Voltage 2	3786.75	3799.31	1.56	4.19
Voltage 3	3788.96	3801 27	1 57	4.21
Average	3788.70	3801 13		
% Imbalance	0.05	0.05		

Power

	kW	kVar	kVA	Pf
Phase 1	149.53	62.78	162 17	0.93
Phase 2	153 26	66 47	167 05	0 92
Phase 3	151 53	68 30	166 21	0 92
Total	454 31	197.55	495.43	0 92
Power Sequence	454.31	191.49	493 02	0 92

Efficiency

Efficiency	100 74
HP Output	613.83
kW Output	457.65

Current

Current 1	42 58	42.64	1 50	2.95
Current 2	43.90	43.97	1.50	3 10
Current 3	43.66	43.72	1 49	3.13
Average	43.38	43.45		
% Imbalance	1.84	1 84		
% FLA	85.06	85 19		

Sequence

	Positive	Negative	Zero
Volt Phase-Phase	6562.22	3.67	0 00
Volt Phase-Neutral	3788.70	2.12	0.00
Current	43 38	0 67	0 68

	Self	Angle	Mutual	Angle
Zero	87.35	22 84	87.35	262 84
Positive	1 40	352 08	1 32	110 61
Negative	0.61	340 72	0.61	340 71

Phase Configuration	Phase to Phase
Phase Rotation	Clockwise

Impedance

	Real	Magnitude	Angle
Phase 1	82.46	89.01	22 12
Phase 2	79.53	86.26	22 79
Phase 3	79 51	86 79	23 64
% Imbalance	2.44		

IP7_025744

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FLY ASH
U1 COMP 1C

Voltage

	Fund RMS	Tot RMS	C.F.	THD
Voltage 1-2	6556 38	6576.22	1.54	4.11
Voltage 2-3	6564 44	6584.25	1 53	4.07
Voltage 1-3	6567 90	6587 78	1.53	3 97
Average	6562.91	6582.75		
% Imbalance	0.10	0.10	HVF	0.01
%NEMA Derating	100 00	%NEMA	Derating	100.00

Voltage 1	3788.21	3799 69	1.54	4 03
Voltage 2	3786 21	3797 65	1 54	4.13
Voltage 3	3792.86	3804.32	1 55	4.00
Average	3789 10	3800 55		
% Imbalance	0.10	0 10		

Power

	kW	kVar	kVA	Pf
Phase 1	154.70	64 93	167.78	0 93
Phase 2	157 29	67.91	171 32	0 92
Phase 3	155 67	68 61	170.12	0 92
Total	467.66	201 45	509 21	0 92
Power Sequence	467.66	195 50	506.87	0 92

Efficiency

Efficiency	90.54
HP Output	567.93
kW Output	423.43

Current

Current 1	44 09	44.16	1.49	2.93
Current 2	45.04	45.11	1.49	2.94
Current 3	44 65	44 72	1.47	2.86
Average	44 59	44.66		
% Imbalance	1.13	1 13		
% FLA	84 14	84.27		

Impedance

	Real	Magnitude	Angle
Phase 1	79 59	85.92	22 14
Phase 2	77.53	84 06	22.73
Phase 3	78.09	84.95	23.18
% Imbalance	1.51		

Sequence

	Positive	Negative	Zero
Volt Phase-Phase	6562 90	6 83	0 00
Volt Phase-Neutral	3789 09	3.94	0 00
Current	44.59	0 47	0.37

	Self	Angle	Mutual	Angle
Zero	84.98	22.68	84 98	262 68
Positive	0 94	337 59	0 81	102.68
Negative	0.32	354.17	0 32	354 46

Phase Configuration	Phase to Phase
Phase Rotation	Clockwise

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U1 Booster Boiler Feed Pump 2C

Voltage

	Fund RMS	Tot RMS	C.F	THD
Voltage 1-2	6552.98	6573.27	1.55	4.11
Voltage 2-3	6552.34	6572.53	1.55	4.08
Voltage 1-3	6580.15	6600.54	1.54	4.06
Average	6561.82	6582.11		
% Imbalance	0.28	0.28	HVF	0.01
%NEMA Derating	100.00	%NEMA	Derating	100.00

Voltage 1	3793.95	3805.72	1.55	4.08
Voltage 2	3777.88	3789.53	1.56	4.10
Voltage 3	3793.58	3805.30	1.55	4.06
Average	3788.47	3800.18		
% Imbalance	0.28	0.28		

Power

	kW	kVar	kVA	Pf
Phase 1	143.19	62.03	156.05	0.92
Phase 2	143.98	63.32	157.27	0.92
Phase 3	144.48	65.65	158.70	0.91
Total	431.63	191.00	472.01	0.92
Power Sequence	431.63	185.55	469.82	0.92

Efficiency

Efficiency	95.73
HP Output	554.21
kW Output	413.20

Current

Current 1	40.94	41.00	1.47	2.28
Current 2	41.43	41.50	1.49	2.28
Current 3	41.64	41.70	1.49	2.16
Average	41.34	41.40		
% Imbalance	0.95	0.97		
% FLA	89.87	90.01		

Sequence

	Positive	Negative	Zero
Volt Phase-Phase	6561.81	18.34	0.00
Volt Phase-Neutral	3788.46	10.59	0.00
Current	41.34	0.32	0.45

	Self	Angle	Mutual	Angle
Zero	91.65	23.26	91.65	263.26
Positive	0.91	1.75	0.47	128.70
Negative	0.42	317.33	0.41	317.10

Phase Configuration	Phase to Phase
Phase Rotation	Clockwise

Impedance

	Real	Magnitude	Angle
Phase 1	85.41	92.66	22.82
Phase 2	83.86	91.18	23.11
Phase 3	83.33	91.10	23.85
% Imbalance	1.44		

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