

MIV Example Report

Primary Values 2018/01/12 15:20:17

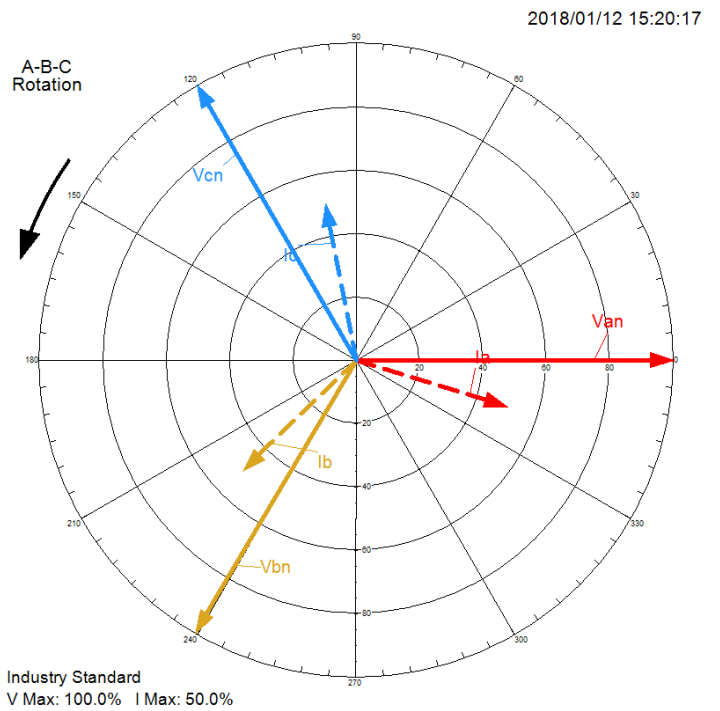
	A	B	C	Tot/Avg
Volt	366.2 V	361.8 V	361.8 V	363.3 V
Amp	20.10 A	19.59 A	19.82 A	19.84 A
PF	0.96 Lag	0.97 Lag	0.95 Lag	0.96 Lag
V Φ	0.0°	-120.4°	119.9°	
I Φ	-17.2°	-135.6°	101.1°	
Watt	7.019 kW	6.828 kW	6.775 kW	20.621 kW
VA	7.346 kVA	7.074 kVA	7.157 kVA	21.569 kVA
Var	2.169 kVar	1.850 kVar	2.306 kVar	6.325 kVar
THDV	1.16 %	1.10 %	1.30 %	1.19 %
THDI	6.31 %	6.63 %	6.79 %	6.58 %
Freq	59.98 Hz			

CT Ratios (Auto)

Phase	Ratio	Angle	Primary	Secondary	CT Error
A	40 : 1	-1.3 °	20.1 A	0.500 A	0.5 %
B	40 : 1	0.5 °	19.5 A	0.489 A	-0.3 %
C	40 : 1	-3.0 °	19.9 A	0.495 A	0.5 %

PT Ratios

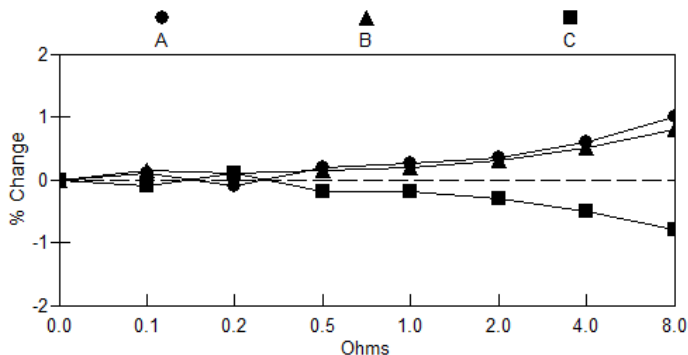
Phase	Ratio	Primary	Secondary	PT Error
Van	357 : 120	362 V	121.6 V	-0.8 %
Vbn	359 : 120	360 V	120.4 V	-0.3 %
Vcn	360 : 120	360 V	120.0 V	0.0 %



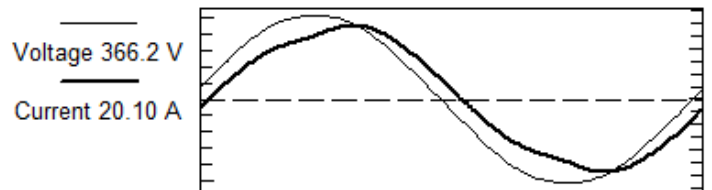
Watt/Var Registration

# of Pulses:	1	0	0
Wh / Pulse	1.8	1.8	1.8
VAh / Pulse	1.8	1.8	1.8
Varh / Pulse	1.8	1.8	1.8
Meter Kh	1.8	1.8	1.8
Measured	1.8008	0.0000	0.0000
Error	0.04%	----	----

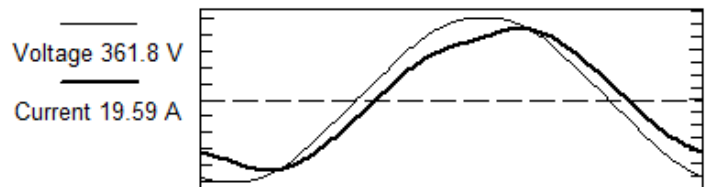
CT Burden Test



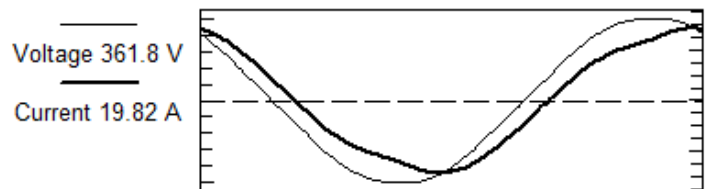
Phase A Waveforms



Phase B Waveforms



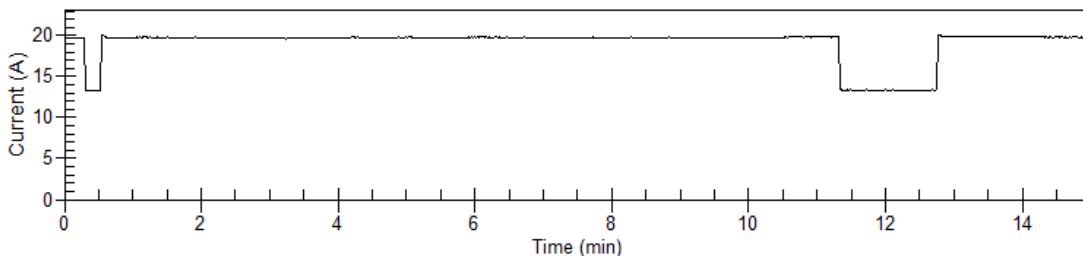
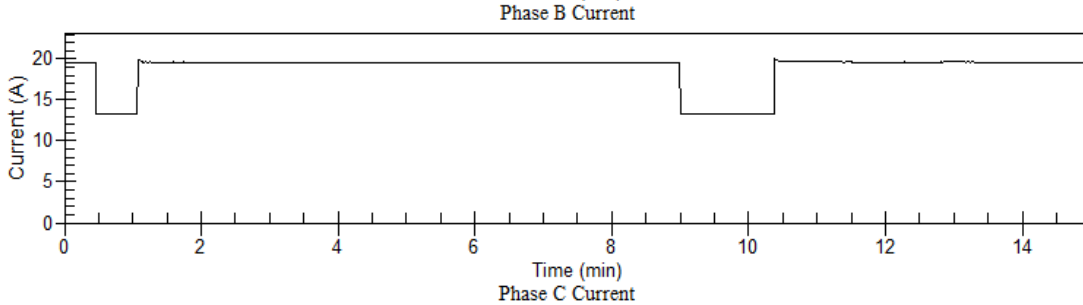
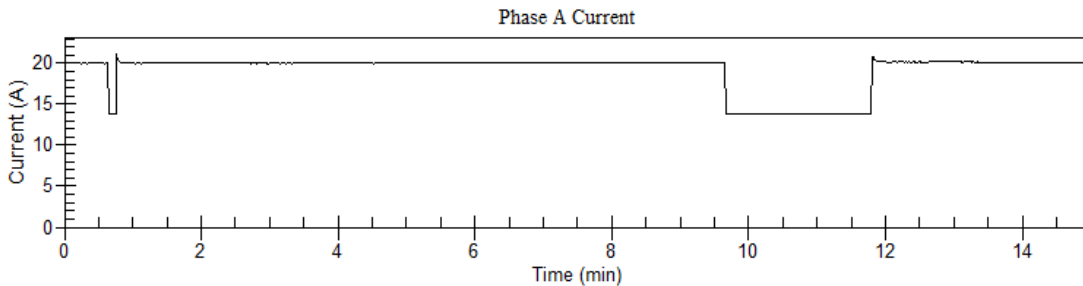
Phase C Waveforms



MIV Example Report

Interval Billing Test

Time:	2018/01/12 15:09:04		Billing Mult.	1.0	Billing Interval:	5 min		
Interval			Wh	Wd	VAh	VAd	Varh	Vard
1	2018/01/12 14:55:00	del	13.9624	167.531				
		rec	0.0000	0.000	14.5929	175.096	4.2432	50.913
2	2018/01/12 15:00:00	del	13.8862	166.645				
		rec	0.0000	0.000	14.4933	173.931	4.1509	49.814
3	2018/01/12 15:05:00	del	13.3277	159.934				
		rec	0.0000	0.000	13.7804	165.367	3.5032	42.039
Interval			Wd		VAd		Vard	
			Meter / Measured / Error		Meter / Measured / Error		Meter / Measured / Error	
2	del		166.4	166.64	0.15 %	173.5	173.93	0.25 %
	rec		0	0.000	0.00 %	49.99	49.814	-0.35 %
			0	0.000	0.00 %	0	0.000	0.00 %



MIV Example Report

Service Work Order #: 12345678

Customer Name: ACME Manufacturing

Address: 123 Any Street

Address: Unit #321

Customer Contact Name: John Smith

Customer Contact Phone: 555-123-4567

Meter #: 1234-abcd

Meas. Can. Meter Approval #: 5678

Seal Year: 2018

Meas. Can. Stand. Drawing #: 3416

Meter multiplier: 1.00

CM multiplier: 1.00

Billing Multiplier: 120.00

CT Phase A Serial #: CT-123-A

CT Phase B Serial #: CT-123-B

CT Phase C Serial #: CT-123-C

PT Phase A Serial #: PT-222-A

PT Phase B Serial #: PT-222-B

PT Phase C Serial #: PT-222-C

Record of installation sheet: YES

Meter type approved and correctly sealed: YES

Grounding correct: YES

Primary wiring and connections correct: YES

Secondary wiring and connections correct: YES

Cross-phase testing completed: YES

Billing multiplier verified: YES

Communications operational: N/A

Electricity metering installation correct: YES

Verification label signed, dated, and applied: YES

Test Performed By: Bill Brown

Report Checked By:

As found



As left

