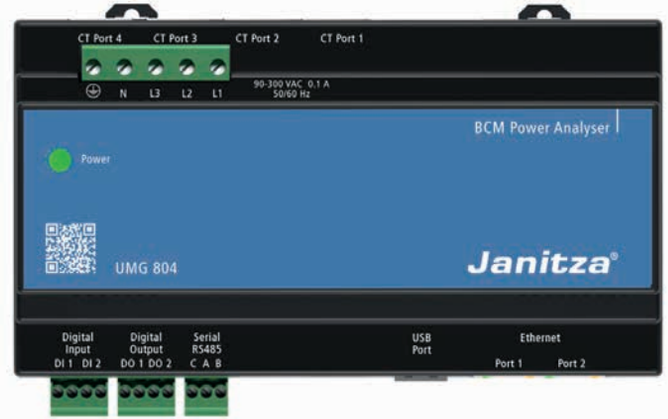
BCM Power Analyser

UMG 804

Modbus address list
(for firmware version 1.048 or lower)



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Description	#	Modbus Registers Integer Start (MSW)	End (LSW)	Scale	Type	Float MSW	LSW	Bacnet Objects Object Type	Instance #	R/W	NV	Units	Range	Notes
Meter Information														
Serial Number		1	2		UINT32			Device Object	Serial_Number	R	NV			
Bootloader Version		3			UINT16					R	NV			
Firmware Version		4			UINT16			Device Object	Firmware_Revision	R	NV			
Device ID		5			UINT16					R/W	NV		15172, 22000	*22000 = Janitza Pointmap*
Power Up Counter		6			UINT16					R	NV			
Uptime		7	8		UINT32					R	NV	Seconds		
Smart Port ID #1		10			UINT16					R	NV			
Smart Port ID #2		11			UINT16					R	NV		See Notes	*0=Nothing Connected, 1=DIN RAIL CT Interface Card, 4=DIN RAIL CT Interface Floating Board*
Smart Port ID #3		12			UINT16					R	NV			
Smart Port ID #4		13			UINT16					R	NV			
Smart Port #1 Serial Number		14	15		UINT32					R	NV			
Smart Port #2 Serial Number		16	17		UINT32					R	NV			
Smart Port #3 Serial Number		18	19		UINT32					R	NV			
Smart Port #4 Serial Number		20	21		UINT32					R	NV			
Smart Port #1 Firmware Version		22			UINT16					R	NV			
Smart Port #2 Firmware Version		23			UINT16					R	NV			
Smart Port #3 Firmware Version		24			UINT16					R	NV			
Smart Port #4 Firmware Version		25			UINT16					R	NV			
MAC Address (Bit 33-48)		26								R	NV			
MAC Address (Bit 17-32)		27								R	NV			
MAC Address (Bit 1-16)		28								R	NV			
Brand Name (16 Registers)		29	44							R	NV			*Brand Name, Model Name and Device Name supports up to 32 characters (16 registers)*
Model Name (16 Register)		45	60					Device Object	Model_Name	R	NV			
Device Name (16 Registers)		61	76					Device Object	Object_Name	R/W	NV			
Lock Transformer Ratios		77			BITS					R	NV			*0 = unlocked, 1 = locked (only for firmware version 1.048)*
Meter Configuration														
Demand # of Sub-Intervals		100			UINT16			Analog Value	1	R/W	NV		1 - 6	
Demand Sub-Interval Length		101			UINT16			Analog Value	2	R/W	NV	Seconds	0, 10 - 32767	*0 = Sync to Comms*
Demand Time Stamp (Year)		102								R		Year		*Years since 1900 (118 = 2018)*
Demand Time Stamp (Month)		103								R		Month	0 - 11	*Month (0 = January)*
Demand Time Stamp (Day)		104								R		Day	1 - 31	*Day of the Month*
Demand Time Stamp (Weekday)		105								R		Weekday	0 - 6	*Weekday (1 = Monday)*
Demand Time Stamp (Hour)		106								R		Hour	0 - 23	*Hour (13 = 1PM)*
Demand Time Stamp (Minute)		107								R		Minute	0 - 59	*Minute*
Demand Time Stamp (Second)		108								R		Seconds	0 - 59	*Second*
														Writing to RTC will disable NTP by clearing out URL and/or IP Address
Real Time Clock (Year)		109			UINT16					R/W		Year		*Years since 1900 (118 = 2018)*
Real Time Clock (Month)		110			UINT16			Device Object	Local_Date	R/W		Month	0 - 11	*Month (0 = January)*
Real Time Clock (Day)		111			UINT16					R/W		Day	1 - 31	*Day of the Month*
Real Time Clock (Weekday)		112			UINT16					R/W		Weekday	0 - 6	*Weekday (1 = Monday)*
Real Time Clock (Hour)		113			UINT16					R/W		Hour	0 - 23	*Hour (13 = 1PM)*
Real Time Clock (Min)		114			UINT16			Device Object	Local_Time	R/W		Minute	0 - 59	*Minute*
Real Time Clock (Second)		115			UINT16					R/W		Seconds	0 - 59	*Second*
Digital Output #1		116						Binary Output	1	R/W			0, 1	
Digital Output #2		117						Binary Output	2	R/W			0, 1	
Digital Input #1 State		118						Binary Input	1	R			0, 1	
Digital Input #2 State		119						Binary Input	2	R			0, 1	
Modbus Slave Address		124			UINT16					R/W	NV		1 - 254	
Modbus TCP Port		125			UINT16					R	NV		502	
IP Address		126	127							R/W	NV			*Meter must be rebooted for new network settings to affect.*
Gateway		128	129							R/W	NV			*Device can be rebooted remotely using Global Reset/Command (Register 192)*
Mask		130	131							R/W	NV			

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
NTP		132	133							R/W	NV			*Write to NTP register over Modbus will clear the NTP string in webserver*
DNS		134	135							R/W	NV			
Baudrate		140	141		UINT32					R/W	NV	Baud	0 - 4	*0 = 9600, 1 = 19200, 2 = 38400, 3 = 57600, 4 = 76800 (Value can be written to MSW or LSW)*
Dip Switch Enabled		144								R/W	NV		0, 1	*Bit0 - Enables Dipswitch for setting Modbus slave address*
Dips Switch Value		145			UINT16					R				*When Dip Switch is enabled, this value is used for Modbus Slave Address*
Panel 1 (Smart Port 1&2) Configuration		147						Analog Value	3	R/W	NV		0 - 4	*0 = Top Feed, 1 = Bottom Feed, 2 = Single Row Sequential,*
Panel 2 (Smart Port 3&4) Configuration		148						Analog Value	4	R/W	NV		0 - 4	*3 = Single Row Odd/Even, 4 = Sequential*
CT Compensation Enabled		149						Analog Value	5	R/W	NV		0 - 3	*Bit0 - Enable CT Compensation for 1/3V CTs* *Bit1 - Legacy CT Compensation (Only used for Schneider Addapter Board)*
Circuit Configuration Global														
Global CT Size		190			UINT16			Analog Value	6	R/W	NV		0 - 32000	*(Always Reads 0) Writing this register will set all branches to same CT size*
Global Breaker Size		191			UINT16			Analog Value	7	R/W	NV		0 - 32000	*(Always Reads 0) Writing this register will set all branches to same breaker size*
Global Reset/Command		192			UINT16			Analog Value	8	R/W	NV		See Notes	*12345 = Reboot Device, 20097 = Reset Max Demand, 24658 = Clear True Meter Assignment* *24659 = Reset True Meter to Default, 26012 = New Demand SubInterval* *26013 = Reset Demand, 29877 = Reset Max kW and Current,* *31010 = Clear All Latching Alarms, 32123 = Start Waveform Capture (All Circuits)*
CT Size		200	295		UINT16			Analog Value	10 - 105	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 1	1	200			UINT16			Analog Value	10	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 2	2	201			UINT16			Analog Value	11	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 3	3	202			UINT16			Analog Value	12	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 4	4	203			UINT16			Analog Value	13	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 5	5	204			UINT16			Analog Value	14	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 6	6	205			UINT16			Analog Value	15	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 7	7	206			UINT16			Analog Value	16	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 8	8	207			UINT16			Analog Value	17	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 9	9	208			UINT16			Analog Value	18	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 10	10	209			UINT16			Analog Value	19	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 11	11	210			UINT16			Analog Value	20	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 12	12	211			UINT16			Analog Value	21	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 13	13	212			UINT16			Analog Value	22	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 14	14	213			UINT16			Analog Value	23	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 15	15	214			UINT16			Analog Value	24	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 16	16	215			UINT16			Analog Value	25	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 17	17	216			UINT16			Analog Value	26	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 18	18	217			UINT16			Analog Value	27	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 19	19	218			UINT16			Analog Value	28	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 20	20	219			UINT16			Analog Value	29	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 21	21	220			UINT16			Analog Value	30	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 22	22	221			UINT16			Analog Value	31	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 23	23	222			UINT16			Analog Value	32	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 24	24	223			UINT16			Analog Value	33	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 25	25	224			UINT16			Analog Value	34	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 26	26	225			UINT16			Analog Value	35	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 27	27	226			UINT16			Analog Value	36	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 28	28	227			UINT16			Analog Value	37	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 29	29	228			UINT16			Analog Value	38	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 30	30	229			UINT16			Analog Value	39	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 31	31	230			UINT16			Analog Value	40	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 32	32	231			UINT16			Analog Value	41	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 33	33	232			UINT16			Analog Value	42	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 34	34	233			UINT16			Analog Value	43	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 35	35	234			UINT16			Analog Value	44	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 36	36	235			UINT16			Analog Value	45	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 37	37	236			UINT16			Analog Value	46	R/W	NV	Amps	0 - 32000	

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
CT Size - Circuit 38	38	237			UINT16			Analog Value	47	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 39	39	238			UINT16			Analog Value	48	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 40	40	239			UINT16			Analog Value	49	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 41	41	240			UINT16			Analog Value	50	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 42	42	241			UINT16			Analog Value	51	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 43	43	242			UINT16			Analog Value	52	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 44	44	243			UINT16			Analog Value	53	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 45	45	244			UINT16			Analog Value	54	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 46	46	245			UINT16			Analog Value	55	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 47	47	246			UINT16			Analog Value	56	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 48	48	247			UINT16			Analog Value	57	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 49	49	248			UINT16			Analog Value	58	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 50	50	249			UINT16			Analog Value	59	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 51	51	250			UINT16			Analog Value	60	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 52	52	251			UINT16			Analog Value	61	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 53	53	252			UINT16			Analog Value	62	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 54	54	253			UINT16			Analog Value	63	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 55	55	254			UINT16			Analog Value	64	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 56	56	255			UINT16			Analog Value	65	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 57	57	256			UINT16			Analog Value	66	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 58	58	257			UINT16			Analog Value	67	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 59	59	258			UINT16			Analog Value	68	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 60	60	259			UINT16			Analog Value	69	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 61	61	260			UINT16			Analog Value	70	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 62	62	261			UINT16			Analog Value	71	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 63	63	262			UINT16			Analog Value	72	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 64	64	263			UINT16			Analog Value	73	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 65	65	264			UINT16			Analog Value	74	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 66	66	265			UINT16			Analog Value	75	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 67	67	266			UINT16			Analog Value	76	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 68	68	267			UINT16			Analog Value	77	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 69	69	268			UINT16			Analog Value	78	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 70	70	269			UINT16			Analog Value	79	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 71	71	270			UINT16			Analog Value	80	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 72	72	271			UINT16			Analog Value	81	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 73	73	272			UINT16			Analog Value	82	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 74	74	273			UINT16			Analog Value	83	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 75	75	274			UINT16			Analog Value	84	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 76	76	275			UINT16			Analog Value	85	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 77	77	276			UINT16			Analog Value	86	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 78	78	277			UINT16			Analog Value	87	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 79	79	278			UINT16			Analog Value	88	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 80	80	279			UINT16			Analog Value	89	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 81	81	280			UINT16			Analog Value	90	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 82	82	281			UINT16			Analog Value	91	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 83	83	282			UINT16			Analog Value	92	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 84	84	283			UINT16			Analog Value	93	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 85	85	284			UINT16			Analog Value	94	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 86	86	285			UINT16			Analog Value	95	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 87	87	286			UINT16			Analog Value	96	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 88	88	287			UINT16			Analog Value	97	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 89	89	288			UINT16			Analog Value	98	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 90	90	289			UINT16			Analog Value	99	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 91	91	290			UINT16			Analog Value	100	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 92	92	291			UINT16			Analog Value	101	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 93	93	292			UINT16			Analog Value	102	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 94	94	293			UINT16			Analog Value	103	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 95	95	294			UINT16			Analog Value	104	R/W	NV	Amps	0 - 32000	
CT Size - Circuit 96	96	295			UINT16			Analog Value	105	R/W	NV	Amps	0 - 32000	

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Breaker Size		296	391		UINT16			Analog Value	106 - 201	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 1	1	296			UINT16			Analog Value	106	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 2	2	297			UINT16			Analog Value	107	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 3	3	298			UINT16			Analog Value	108	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 4	4	299			UINT16			Analog Value	109	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 5	5	300			UINT16			Analog Value	110	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 6	6	301			UINT16			Analog Value	111	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 7	7	302			UINT16			Analog Value	112	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 8	8	303			UINT16			Analog Value	113	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 9	9	304			UINT16			Analog Value	114	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 10	10	305			UINT16			Analog Value	115	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 11	11	306			UINT16			Analog Value	116	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 12	12	307			UINT16			Analog Value	117	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 13	13	308			UINT16			Analog Value	118	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 14	14	309			UINT16			Analog Value	119	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 15	15	310			UINT16			Analog Value	120	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 16	16	311			UINT16			Analog Value	121	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 17	17	312			UINT16			Analog Value	122	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 18	18	313			UINT16			Analog Value	123	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 19	19	314			UINT16			Analog Value	124	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 20	20	315			UINT16			Analog Value	125	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 21	21	316			UINT16			Analog Value	126	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 22	22	317			UINT16			Analog Value	127	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 23	23	318			UINT16			Analog Value	128	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 24	24	319			UINT16			Analog Value	129	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 25	25	320			UINT16			Analog Value	130	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 26	26	321			UINT16			Analog Value	131	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 27	27	322			UINT16			Analog Value	132	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 28	28	323			UINT16			Analog Value	133	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 29	29	324			UINT16			Analog Value	134	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 30	30	325			UINT16			Analog Value	135	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 31	31	326			UINT16			Analog Value	136	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 32	32	327			UINT16			Analog Value	137	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 33	33	328			UINT16			Analog Value	138	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 34	34	329			UINT16			Analog Value	139	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 35	35	330			UINT16			Analog Value	140	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 36	36	331			UINT16			Analog Value	141	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 37	37	332			UINT16			Analog Value	142	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 38	38	333			UINT16			Analog Value	143	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 39	39	334			UINT16			Analog Value	144	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 40	40	335			UINT16			Analog Value	145	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 41	41	336			UINT16			Analog Value	146	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 42	42	337			UINT16			Analog Value	147	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 43	43	338			UINT16			Analog Value	148	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 44	44	339			UINT16			Analog Value	149	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 45	45	340			UINT16			Analog Value	150	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 46	46	341			UINT16			Analog Value	151	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 47	47	342			UINT16			Analog Value	152	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 48	48	343			UINT16			Analog Value	153	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 49	49	344			UINT16			Analog Value	154	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 50	50	345			UINT16			Analog Value	155	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 51	51	346			UINT16			Analog Value	156	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 52	52	347			UINT16			Analog Value	157	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 53	53	348			UINT16			Analog Value	158	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 54	54	349			UINT16			Analog Value	159	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 55	55	350			UINT16			Analog Value	160	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 56	56	351			UINT16			Analog Value	161	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 57	57	352			UINT16			Analog Value	162	R/W	NV	Amps	0 - 32000	

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Breaker Size - Circuit 58	58	353			UINT16			Analog Value	163	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 59	59	354			UINT16			Analog Value	164	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 60	60	355			UINT16			Analog Value	165	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 61	61	356			UINT16			Analog Value	166	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 62	62	357			UINT16			Analog Value	167	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 63	63	358			UINT16			Analog Value	168	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 64	64	359			UINT16			Analog Value	169	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 65	65	360			UINT16			Analog Value	170	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 66	66	361			UINT16			Analog Value	171	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 67	67	362			UINT16			Analog Value	172	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 68	68	363			UINT16			Analog Value	173	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 69	69	364			UINT16			Analog Value	174	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 70	70	365			UINT16			Analog Value	175	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 71	71	366			UINT16			Analog Value	176	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 72	72	367			UINT16			Analog Value	177	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 73	73	368			UINT16			Analog Value	178	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 74	74	369			UINT16			Analog Value	179	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 75	75	370			UINT16			Analog Value	180	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 76	76	371			UINT16			Analog Value	181	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 77	77	372			UINT16			Analog Value	182	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 78	78	373			UINT16			Analog Value	183	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 79	79	374			UINT16			Analog Value	184	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 80	80	375			UINT16			Analog Value	185	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 81	81	376			UINT16			Analog Value	186	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 82	82	377			UINT16			Analog Value	187	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 83	83	378			UINT16			Analog Value	188	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 84	84	379			UINT16			Analog Value	189	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 85	85	380			UINT16			Analog Value	190	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 86	86	381			UINT16			Analog Value	191	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 87	87	382			UINT16			Analog Value	192	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 88	88	383			UINT16			Analog Value	193	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 89	89	384			UINT16			Analog Value	194	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 90	90	385			UINT16			Analog Value	195	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 91	91	386			UINT16			Analog Value	196	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 92	92	387			UINT16			Analog Value	197	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 93	93	388			UINT16			Analog Value	198	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 94	94	389			UINT16			Analog Value	199	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 95	95	390			UINT16			Analog Value	200	R/W	NV	Amps	0 - 32000	
Breaker Size - Circuit 96	96	391			UINT16			Analog Value	201	R/W	NV	Amps	0 - 32000	
Voltage Phase		392	487		UINT16			Analog Value	202 - 297	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 1	1	392			UINT16			Analog Value	202	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 2	2	393			UINT16			Analog Value	203	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 3	3	394			UINT16			Analog Value	204	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 4	4	395			UINT16			Analog Value	205	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 5	5	396			UINT16			Analog Value	206	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 6	6	397			UINT16			Analog Value	207	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 7	7	398			UINT16			Analog Value	208	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 8	8	399			UINT16			Analog Value	209	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 9	9	400			UINT16			Analog Value	210	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 10	10	401			UINT16			Analog Value	211	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 11	11	402			UINT16			Analog Value	212	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 12	12	403			UINT16			Analog Value	213	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 13	13	404			UINT16			Analog Value	214	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 14	14	405			UINT16			Analog Value	215	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 15	15	406			UINT16			Analog Value	216	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 16	16	407			UINT16			Analog Value	217	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 17	17	408			UINT16			Analog Value	218	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Voltage Phase - Circuit 18	18	409			UINT16			Analog Value	219	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 19	19	410			UINT16			Analog Value	220	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 20	20	411			UINT16			Analog Value	221	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 21	21	412			UINT16			Analog Value	222	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 22	22	413			UINT16			Analog Value	223	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 23	23	414			UINT16			Analog Value	224	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 24	24	415			UINT16			Analog Value	225	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 25	25	416			UINT16			Analog Value	226	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 26	26	417			UINT16			Analog Value	227	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 27	27	418			UINT16			Analog Value	228	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 28	28	419			UINT16			Analog Value	229	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 29	29	420			UINT16			Analog Value	230	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 30	30	421			UINT16			Analog Value	231	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 31	31	422			UINT16			Analog Value	232	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 32	32	423			UINT16			Analog Value	233	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 33	33	424			UINT16			Analog Value	234	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 34	34	425			UINT16			Analog Value	235	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 35	35	426			UINT16			Analog Value	236	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 36	36	427			UINT16			Analog Value	237	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 37	37	428			UINT16			Analog Value	238	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 38	38	429			UINT16			Analog Value	239	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 39	39	430			UINT16			Analog Value	240	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 40	40	431			UINT16			Analog Value	241	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 41	41	432			UINT16			Analog Value	242	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 42	42	433			UINT16			Analog Value	243	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 43	43	434			UINT16			Analog Value	244	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 44	44	435			UINT16			Analog Value	245	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 45	45	436			UINT16			Analog Value	246	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 46	46	437			UINT16			Analog Value	247	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 47	47	438			UINT16			Analog Value	248	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 48	48	439			UINT16			Analog Value	249	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 49	49	440			UINT16			Analog Value	250	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 50	50	441			UINT16			Analog Value	251	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 51	51	442			UINT16			Analog Value	252	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 52	52	443			UINT16			Analog Value	253	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 53	53	444			UINT16			Analog Value	254	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 54	54	445			UINT16			Analog Value	255	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 55	55	446			UINT16			Analog Value	256	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 56	56	447			UINT16			Analog Value	257	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 57	57	448			UINT16			Analog Value	258	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 58	58	449			UINT16			Analog Value	259	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 59	59	450			UINT16			Analog Value	260	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 60	60	451			UINT16			Analog Value	261	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 61	61	452			UINT16			Analog Value	262	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 62	62	453			UINT16			Analog Value	263	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 63	63	454			UINT16			Analog Value	264	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 64	64	455			UINT16			Analog Value	265	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 65	65	456			UINT16			Analog Value	266	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 66	66	457			UINT16			Analog Value	267	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 67	67	458			UINT16			Analog Value	268	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 68	68	459			UINT16			Analog Value	269	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 69	69	460			UINT16			Analog Value	270	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 70	70	461			UINT16			Analog Value	271	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 71	71	462			UINT16			Analog Value	272	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 72	72	463			UINT16			Analog Value	273	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 73	73	464			UINT16			Analog Value	274	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 74	74	465			UINT16			Analog Value	275	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 75	75	466			UINT16			Analog Value	276	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 76	76	467			UINT16			Analog Value	277	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Voltage Phase - Circuit 77	77	468			UINT16			Analog Value	278	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 78	78	469			UINT16			Analog Value	279	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 79	79	470			UINT16			Analog Value	280	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 80	80	471			UINT16			Analog Value	281	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 81	81	472			UINT16			Analog Value	282	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 82	82	473			UINT16			Analog Value	283	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 83	83	474			UINT16			Analog Value	284	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 84	84	475			UINT16			Analog Value	285	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 85	85	476			UINT16			Analog Value	286	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 86	86	477			UINT16			Analog Value	287	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 87	87	478			UINT16			Analog Value	288	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 88	88	479			UINT16			Analog Value	289	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 89	89	480			UINT16			Analog Value	290	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 90	90	481			UINT16			Analog Value	291	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 91	91	482			UINT16			Analog Value	292	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 92	92	483			UINT16			Analog Value	293	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 93	93	484			UINT16			Analog Value	294	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 94	94	485			UINT16			Analog Value	295	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 95	95	486			UINT16			Analog Value	296	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
Voltage Phase - Circuit 96	96	487			UINT16			Analog Value	297	R/W	NV		0, 1, 2	*Voltage Phase: 0 = L1, 1 = L2, 2 = L3*
True Meter Assignment		488	583		UINT16			Analog Value	298 - 393	R/W	NV		0 - 96	*True Meter Assignment (Starting at register 15000), 0 = Disabled*
True Meter Assignment - Circuit 1	1	488			UINT16			Analog Value	298	R/W	NV		0 - 96	
True Meter Assignment - Circuit 2	2	489			UINT16			Analog Value	299	R/W	NV		0 - 96	
True Meter Assignment - Circuit 3	3	490			UINT16			Analog Value	300	R/W	NV		0 - 96	
True Meter Assignment - Circuit 4	4	491			UINT16			Analog Value	301	R/W	NV		0 - 96	
True Meter Assignment - Circuit 5	5	492			UINT16			Analog Value	302	R/W	NV		0 - 96	
True Meter Assignment - Circuit 6	6	493			UINT16			Analog Value	303	R/W	NV		0 - 96	
True Meter Assignment - Circuit 7	7	494			UINT16			Analog Value	304	R/W	NV		0 - 96	
True Meter Assignment - Circuit 8	8	495			UINT16			Analog Value	305	R/W	NV		0 - 96	
True Meter Assignment - Circuit 9	9	496			UINT16			Analog Value	306	R/W	NV		0 - 96	
True Meter Assignment - Circuit 10	10	497			UINT16			Analog Value	307	R/W	NV		0 - 96	
True Meter Assignment - Circuit 11	11	498			UINT16			Analog Value	308	R/W	NV		0 - 96	
True Meter Assignment - Circuit 12	12	499			UINT16			Analog Value	309	R/W	NV		0 - 96	
True Meter Assignment - Circuit 13	13	500			UINT16			Analog Value	310	R/W	NV		0 - 96	
True Meter Assignment - Circuit 14	14	501			UINT16			Analog Value	311	R/W	NV		0 - 96	
True Meter Assignment - Circuit 15	15	502			UINT16			Analog Value	312	R/W	NV		0 - 96	
True Meter Assignment - Circuit 16	16	503			UINT16			Analog Value	313	R/W	NV		0 - 96	
True Meter Assignment - Circuit 17	17	504			UINT16			Analog Value	314	R/W	NV		0 - 96	
True Meter Assignment - Circuit 18	18	505			UINT16			Analog Value	315	R/W	NV		0 - 96	
True Meter Assignment - Circuit 19	19	506			UINT16			Analog Value	316	R/W	NV		0 - 96	
True Meter Assignment - Circuit 20	20	507			UINT16			Analog Value	317	R/W	NV		0 - 96	
True Meter Assignment - Circuit 21	21	508			UINT16			Analog Value	318	R/W	NV		0 - 96	
True Meter Assignment - Circuit 22	22	509			UINT16			Analog Value	319	R/W	NV		0 - 96	
True Meter Assignment - Circuit 23	23	510			UINT16			Analog Value	320	R/W	NV		0 - 96	
True Meter Assignment - Circuit 24	24	511			UINT16			Analog Value	321	R/W	NV		0 - 96	
True Meter Assignment - Circuit 25	25	512			UINT16			Analog Value	322	R/W	NV		0 - 96	
True Meter Assignment - Circuit 26	26	513			UINT16			Analog Value	323	R/W	NV		0 - 96	
True Meter Assignment - Circuit 27	27	514			UINT16			Analog Value	324	R/W	NV		0 - 96	
True Meter Assignment - Circuit 28	28	515			UINT16			Analog Value	325	R/W	NV		0 - 96	
True Meter Assignment - Circuit 29	29	516			UINT16			Analog Value	326	R/W	NV		0 - 96	
True Meter Assignment - Circuit 30	30	517			UINT16			Analog Value	327	R/W	NV		0 - 96	
True Meter Assignment - Circuit 31	31	518			UINT16			Analog Value	328	R/W	NV		0 - 96	
True Meter Assignment - Circuit 32	32	519			UINT16			Analog Value	329	R/W	NV		0 - 96	
True Meter Assignment - Circuit 33	33	520			UINT16			Analog Value	330	R/W	NV		0 - 96	
True Meter Assignment - Circuit 34	34	521			UINT16			Analog Value	331	R/W	NV		0 - 96	
True Meter Assignment - Circuit 35	35	522			UINT16			Analog Value	332	R/W	NV		0 - 96	
True Meter Assignment - Circuit 36	36	523			UINT16			Analog Value	333	R/W	NV		0 - 96	

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
True Meter Assignment - Circuit 37	37	524			UINT16			Analog Value	334	R/W	NV		0 - 96	
True Meter Assignment - Circuit 38	38	525			UINT16			Analog Value	335	R/W	NV		0 - 96	
True Meter Assignment - Circuit 39	39	526			UINT16			Analog Value	336	R/W	NV		0 - 96	
True Meter Assignment - Circuit 40	40	527			UINT16			Analog Value	337	R/W	NV		0 - 96	
True Meter Assignment - Circuit 41	41	528			UINT16			Analog Value	338	R/W	NV		0 - 96	
True Meter Assignment - Circuit 42	42	529			UINT16			Analog Value	339	R/W	NV		0 - 96	
True Meter Assignment - Circuit 43	43	530			UINT16			Analog Value	340	R/W	NV		0 - 96	
True Meter Assignment - Circuit 44	44	531			UINT16			Analog Value	341	R/W	NV		0 - 96	
True Meter Assignment - Circuit 45	45	532			UINT16			Analog Value	342	R/W	NV		0 - 96	
True Meter Assignment - Circuit 46	46	533			UINT16			Analog Value	343	R/W	NV		0 - 96	
True Meter Assignment - Circuit 47	47	534			UINT16			Analog Value	344	R/W	NV		0 - 96	
True Meter Assignment - Circuit 48	48	535			UINT16			Analog Value	345	R/W	NV		0 - 96	
True Meter Assignment - Circuit 49	49	536			UINT16			Analog Value	346	R/W	NV		0 - 96	
True Meter Assignment - Circuit 50	50	537			UINT16			Analog Value	347	R/W	NV		0 - 96	
True Meter Assignment - Circuit 51	51	538			UINT16			Analog Value	348	R/W	NV		0 - 96	
True Meter Assignment - Circuit 52	52	539			UINT16			Analog Value	349	R/W	NV		0 - 96	
True Meter Assignment - Circuit 53	53	540			UINT16			Analog Value	350	R/W	NV		0 - 96	
True Meter Assignment - Circuit 54	54	541			UINT16			Analog Value	351	R/W	NV		0 - 96	
True Meter Assignment - Circuit 55	55	542			UINT16			Analog Value	352	R/W	NV		0 - 96	
True Meter Assignment - Circuit 56	56	543			UINT16			Analog Value	353	R/W	NV		0 - 96	
True Meter Assignment - Circuit 57	57	544			UINT16			Analog Value	354	R/W	NV		0 - 96	
True Meter Assignment - Circuit 58	58	545			UINT16			Analog Value	355	R/W	NV		0 - 96	
True Meter Assignment - Circuit 59	59	546			UINT16			Analog Value	356	R/W	NV		0 - 96	
True Meter Assignment - Circuit 60	60	547			UINT16			Analog Value	357	R/W	NV		0 - 96	
True Meter Assignment - Circuit 61	61	548			UINT16			Analog Value	358	R/W	NV		0 - 96	
True Meter Assignment - Circuit 62	62	549			UINT16			Analog Value	359	R/W	NV		0 - 96	
True Meter Assignment - Circuit 63	63	550			UINT16			Analog Value	360	R/W	NV		0 - 96	
True Meter Assignment - Circuit 64	64	551			UINT16			Analog Value	361	R/W	NV		0 - 96	
True Meter Assignment - Circuit 65	65	552			UINT16			Analog Value	362	R/W	NV		0 - 96	
True Meter Assignment - Circuit 66	66	553			UINT16			Analog Value	363	R/W	NV		0 - 96	
True Meter Assignment - Circuit 67	67	554			UINT16			Analog Value	364	R/W	NV		0 - 96	
True Meter Assignment - Circuit 68	68	555			UINT16			Analog Value	365	R/W	NV		0 - 96	
True Meter Assignment - Circuit 69	69	556			UINT16			Analog Value	366	R/W	NV		0 - 96	
True Meter Assignment - Circuit 70	70	557			UINT16			Analog Value	367	R/W	NV		0 - 96	
True Meter Assignment - Circuit 71	71	558			UINT16			Analog Value	368	R/W	NV		0 - 96	
True Meter Assignment - Circuit 72	72	559			UINT16			Analog Value	369	R/W	NV		0 - 96	
True Meter Assignment - Circuit 73	73	560			UINT16			Analog Value	370	R/W	NV		0 - 96	
True Meter Assignment - Circuit 74	74	561			UINT16			Analog Value	371	R/W	NV		0 - 96	
True Meter Assignment - Circuit 75	75	562			UINT16			Analog Value	372	R/W	NV		0 - 96	
True Meter Assignment - Circuit 76	76	563			UINT16			Analog Value	373	R/W	NV		0 - 96	
True Meter Assignment - Circuit 77	77	564			UINT16			Analog Value	374	R/W	NV		0 - 96	
True Meter Assignment - Circuit 78	78	565			UINT16			Analog Value	375	R/W	NV		0 - 96	
True Meter Assignment - Circuit 79	79	566			UINT16			Analog Value	376	R/W	NV		0 - 96	
True Meter Assignment - Circuit 80	80	567			UINT16			Analog Value	377	R/W	NV		0 - 96	
True Meter Assignment - Circuit 81	81	568			UINT16			Analog Value	378	R/W	NV		0 - 96	
True Meter Assignment - Circuit 82	82	569			UINT16			Analog Value	379	R/W	NV		0 - 96	
True Meter Assignment - Circuit 83	83	570			UINT16			Analog Value	380	R/W	NV		0 - 96	
True Meter Assignment - Circuit 84	84	571			UINT16			Analog Value	381	R/W	NV		0 - 96	
True Meter Assignment - Circuit 85	85	572			UINT16			Analog Value	382	R/W	NV		0 - 96	
True Meter Assignment - Circuit 86	86	573			UINT16			Analog Value	383	R/W	NV		0 - 96	
True Meter Assignment - Circuit 87	87	574			UINT16			Analog Value	384	R/W	NV		0 - 96	
True Meter Assignment - Circuit 88	88	575			UINT16			Analog Value	385	R/W	NV		0 - 96	
True Meter Assignment - Circuit 89	89	576			UINT16			Analog Value	386	R/W	NV		0 - 96	
True Meter Assignment - Circuit 90	90	577			UINT16			Analog Value	387	R/W	NV		0 - 96	
True Meter Assignment - Circuit 91	91	578			UINT16			Analog Value	388	R/W	NV		0 - 96	
True Meter Assignment - Circuit 92	92	579			UINT16			Analog Value	389	R/W	NV		0 - 96	
True Meter Assignment - Circuit 93	93	580			UINT16			Analog Value	390	R/W	NV		0 - 96	
True Meter Assignment - Circuit 94	94	581			UINT16			Analog Value	391	R/W	NV		0 - 96	
True Meter Assignment - Circuit 95	95	582			UINT16			Analog Value	392	R/W	NV		0 - 96	

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
True Meter Assignment - Circuit 96	96	583			UINT16			Analog Value	393	R/W	NV		0 - 96	
Reset/Command		584	679					Analog Value	394 - 489					*29877 = Reset Max kW and Current, 32123 = Waveform Capture (Only Selected Circuit)*
Reset/Command - Circuit 1	1	584						Analog Value	394	R/W	NV			
Reset/Command - Circuit 2	2	585						Analog Value	395	R/W	NV			
Reset/Command - Circuit 3	3	586						Analog Value	396	R/W	NV			
Reset/Command - Circuit 4	4	587						Analog Value	397	R/W	NV			
Reset/Command - Circuit 5	5	588						Analog Value	398	R/W	NV			
Reset/Command - Circuit 6	6	589						Analog Value	399	R/W	NV			
Reset/Command - Circuit 7	7	590						Analog Value	400	R/W	NV			
Reset/Command - Circuit 8	8	591						Analog Value	401	R/W	NV			
Reset/Command - Circuit 9	9	592						Analog Value	402	R/W	NV			
Reset/Command - Circuit 10	10	593						Analog Value	403	R/W	NV			
Reset/Command - Circuit 11	11	594						Analog Value	404	R/W	NV			
Reset/Command - Circuit 12	12	595						Analog Value	405	R/W	NV			
Reset/Command - Circuit 13	13	596						Analog Value	406	R/W	NV			
Reset/Command - Circuit 14	14	597						Analog Value	407	R/W	NV			
Reset/Command - Circuit 15	15	598						Analog Value	408	R/W	NV			
Reset/Command - Circuit 16	16	599						Analog Value	409	R/W	NV			
Reset/Command - Circuit 17	17	600						Analog Value	410	R/W	NV			
Reset/Command - Circuit 18	18	601						Analog Value	411	R/W	NV			
Reset/Command - Circuit 19	19	602						Analog Value	412	R/W	NV			
Reset/Command - Circuit 20	20	603						Analog Value	413	R/W	NV			
Reset/Command - Circuit 21	21	604						Analog Value	414	R/W	NV			
Reset/Command - Circuit 22	22	605						Analog Value	415	R/W	NV			
Reset/Command - Circuit 23	23	606						Analog Value	416	R/W	NV			
Reset/Command - Circuit 24	24	607						Analog Value	417	R/W	NV			
Reset/Command - Circuit 25	25	608						Analog Value	418	R/W	NV			
Reset/Command - Circuit 26	26	609						Analog Value	419	R/W	NV			
Reset/Command - Circuit 27	27	610						Analog Value	420	R/W	NV			
Reset/Command - Circuit 28	28	611						Analog Value	421	R/W	NV			
Reset/Command - Circuit 29	29	612						Analog Value	422	R/W	NV			
Reset/Command - Circuit 30	30	613						Analog Value	423	R/W	NV			
Reset/Command - Circuit 31	31	614						Analog Value	424	R/W	NV			
Reset/Command - Circuit 32	32	615						Analog Value	425	R/W	NV			
Reset/Command - Circuit 33	33	616						Analog Value	426	R/W	NV			
Reset/Command - Circuit 34	34	617						Analog Value	427	R/W	NV			
Reset/Command - Circuit 35	35	618						Analog Value	428	R/W	NV			
Reset/Command - Circuit 36	36	619						Analog Value	429	R/W	NV			
Reset/Command - Circuit 37	37	620						Analog Value	430	R/W	NV			
Reset/Command - Circuit 38	38	621						Analog Value	431	R/W	NV			
Reset/Command - Circuit 39	39	622						Analog Value	432	R/W	NV			
Reset/Command - Circuit 40	40	623						Analog Value	433	R/W	NV			
Reset/Command - Circuit 41	41	624						Analog Value	434	R/W	NV			
Reset/Command - Circuit 42	42	625						Analog Value	435	R/W	NV			
Reset/Command - Circuit 43	43	626						Analog Value	436	R/W	NV			
Reset/Command - Circuit 44	44	627						Analog Value	437	R/W	NV			
Reset/Command - Circuit 45	45	628						Analog Value	438	R/W	NV			
Reset/Command - Circuit 46	46	629						Analog Value	439	R/W	NV			
Reset/Command - Circuit 47	47	630						Analog Value	440	R/W	NV			
Reset/Command - Circuit 48	48	631						Analog Value	441	R/W	NV			
Reset/Command - Circuit 49	49	632						Analog Value	442	R/W	NV			
Reset/Command - Circuit 50	50	633						Analog Value	443	R/W	NV			
Reset/Command - Circuit 51	51	634						Analog Value	444	R/W	NV			
Reset/Command - Circuit 52	52	635						Analog Value	445	R/W	NV			
Reset/Command - Circuit 53	53	636						Analog Value	446	R/W	NV			
Reset/Command - Circuit 54	54	637						Analog Value	447	R/W	NV			
Reset/Command - Circuit 55	55	638						Analog Value	448	R/W	NV			
Reset/Command - Circuit 56	56	639						Analog Value	449	R/W	NV			

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Reset/Command - Circuit 57	57	640						Analog Value	450	R/W	NV			
Reset/Command - Circuit 58	58	641						Analog Value	451	R/W	NV			
Reset/Command - Circuit 59	59	642						Analog Value	452	R/W	NV			
Reset/Command - Circuit 60	60	643						Analog Value	453	R/W	NV			
Reset/Command - Circuit 61	61	644						Analog Value	454	R/W	NV			
Reset/Command - Circuit 62	62	645						Analog Value	455	R/W	NV			
Reset/Command - Circuit 63	63	646						Analog Value	456	R/W	NV			
Reset/Command - Circuit 64	64	647						Analog Value	457	R/W	NV			
Reset/Command - Circuit 65	65	648						Analog Value	458	R/W	NV			
Reset/Command - Circuit 66	66	649						Analog Value	459	R/W	NV			
Reset/Command - Circuit 67	67	650						Analog Value	460	R/W	NV			
Reset/Command - Circuit 68	68	651						Analog Value	461	R/W	NV			
Reset/Command - Circuit 69	69	652						Analog Value	462	R/W	NV			
Reset/Command - Circuit 70	70	653						Analog Value	463	R/W	NV			
Reset/Command - Circuit 71	71	654						Analog Value	464	R/W	NV			
Reset/Command - Circuit 72	72	655						Analog Value	465	R/W	NV			
Reset/Command - Circuit 73	73	656						Analog Value	466	R/W	NV			
Reset/Command - Circuit 74	74	657						Analog Value	467	R/W	NV			
Reset/Command - Circuit 75	75	658						Analog Value	468	R/W	NV			
Reset/Command - Circuit 76	76	659						Analog Value	469	R/W	NV			
Reset/Command - Circuit 77	77	660						Analog Value	470	R/W	NV			
Reset/Command - Circuit 78	78	661						Analog Value	471	R/W	NV			
Reset/Command - Circuit 79	79	662						Analog Value	472	R/W	NV			
Reset/Command - Circuit 80	80	663						Analog Value	473	R/W	NV			
Reset/Command - Circuit 81	81	664						Analog Value	474	R/W	NV			
Reset/Command - Circuit 82	82	665						Analog Value	475	R/W	NV			
Reset/Command - Circuit 83	83	666						Analog Value	476	R/W	NV			
Reset/Command - Circuit 84	84	667						Analog Value	477	R/W	NV			
Reset/Command - Circuit 85	85	668						Analog Value	478	R/W	NV			
Reset/Command - Circuit 86	86	669						Analog Value	479	R/W	NV			
Reset/Command - Circuit 87	87	670						Analog Value	480	R/W	NV			
Reset/Command - Circuit 88	88	671						Analog Value	481	R/W	NV			
Reset/Command - Circuit 89	89	672						Analog Value	482	R/W	NV			
Reset/Command - Circuit 90	90	673						Analog Value	483	R/W	NV			
Reset/Command - Circuit 91	91	674						Analog Value	484	R/W	NV			
Reset/Command - Circuit 92	92	675						Analog Value	485	R/W	NV			
Reset/Command - Circuit 93	93	676						Analog Value	486	R/W	NV			
Reset/Command - Circuit 94	94	677						Analog Value	487	R/W	NV			
Reset/Command - Circuit 95	95	678						Analog Value	488	R/W	NV			
Reset/Command - Circuit 96	96	679						Analog Value	489	R/W	NV			
Alarm/Event Configuration														
Voltage Alarm Configuration		1000	1003											
Overvoltage Alarm Time Delay		1000			UINT16					R/W	NV	Seconds	0 - 32767	
Undervoltage Alarm Time Delay		1001			UINT16					R/W	NV	Seconds	0 - 32767	
Overvoltage Latching Alarm Threshold		1002			UINT16					R/W	NV	Volts	0 - 32767	*Volts Line to Line*
Undervotage Latching Alarm Threshold		1003			UINT16					R/W	NV	Volts	0 - 32767	*Volts Line to Line*
Branch Alarm Configuration		1007	1015											
High Latching Alarm Time Delay		1008			UINT16					R/W	NV	Seconds	0 - 32767	
Low Latching Alarm Time Delay		1009			UINT16					R/W	NV	Seconds	0 - 32767	
High Latching Alarm Thresold		1014		-1	UINT16					R/W	NV	Percent	0 - 1000	*Percent of Breaker Size (700 = 70%)*
Low Latching Alarm Threshold		1015		-1	UINT16					R/W	NV	Percent	0 - 1000	*Percent of Breaker Size (100 = 10%)*
Waveform Capture Configuration		1100	1102											
Voltage Capture High RMS Threshold		1100			UINT16					R/W	NV	Volts	0 - 32767	*Volts LL (All line voltages will be captured on event)*
Current Capture High RMS Threshold		1102		-1	UINT16					R/W	NV	Percent	0 - 1000	*Percent of Breaker Size (800 = 80%)*

Description	#	Modbus Registers Integer Start (MSW)	End (LSW)	Scale	Type	Float MSW	LSW	Bacnet Objects Object Type	Instance #	R/W	NV	Units	Range	Notes
Alarms and Status														
Global Alarm		1200	1207											
Global Latching Alarm Status		1200								R/W			See Notes	*Summary of all Alarm Status Registers (96 Circuits and 3 Voltage)* *Bit1 = High Latching Alarm,* *Bit2 = Low Latching Alarm,* *Bit8 = Overvoltage Latching Alarm,* *Bit9 = Undervoltage Latching Alarm,* *Bit11 = Waveform Capture Triggered,* *Bit12 = Zero Current Detected,* *Bit13 = Presence of Voltage* *(All Other Bits are Currently Unused)*
Global Most Recent Latching Alarm Channel		1202								R				
Total Number of Latching Channels In Alarm		1204								R				
Voltage Status														
Voltage Alarm Status		1208	1210							R/W	NV		See Notes	*Bit0 = Overvoltage Latching Alarm,* *Bit1 = Undervoltage Latching Alarm,* *Bit11 = Waveform Capture Triggered,* *(All Other Bits are Currently Unused)*
Voltage Alarm Status L1		1208								R/W				
Voltage Alarm Status L2		1209								R/W				
Voltage Alarm Status L3		1210								R/W				
Branch Status														
Branch Alarm Status		1211	1306							R/W	NV		See Notes	*Bit1 = High Latching Alarm,* *Bit2 = Low Latching Alarm,* *Bit11 = Waveform Capture Triggered,* *Bit12 = Zero Current Detected,* *Bit13 = Presence of Voltage* *(All Other Bits are Currently Unused)*
Alarm Status - Circuit 1	1	1211								R/W	NV			
Alarm Status - Circuit 2	2	1212								R/W				
Alarm Status - Circuit 3	3	1213								R/W				
Alarm Status - Circuit 4	4	1214								R/W				
Alarm Status - Circuit 5	5	1215								R/W				
Alarm Status - Circuit 6	6	1216								R/W				
Alarm Status - Circuit 7	7	1217								R/W				
Alarm Status - Circuit 8	8	1218								R/W				
Alarm Status - Circuit 9	9	1219								R/W				
Alarm Status - Circuit 10	10	1220								R/W				
Alarm Status - Circuit 11	11	1221								R/W				
Alarm Status - Circuit 12	12	1222								R/W				
Alarm Status - Circuit 13	13	1223								R/W				
Alarm Status - Circuit 14	14	1224								R/W				
Alarm Status - Circuit 15	15	1225								R/W				
Alarm Status - Circuit 16	16	1226								R/W				
Alarm Status - Circuit 17	17	1227								R/W				
Alarm Status - Circuit 18	18	1228								R/W				
Alarm Status - Circuit 19	19	1229								R/W				
Alarm Status - Circuit 20	20	1230								R/W				
Alarm Status - Circuit 21	21	1231								R/W				
Alarm Status - Circuit 22	22	1232								R/W				
Alarm Status - Circuit 23	23	1233								R/W				
Alarm Status - Circuit 24	24	1234								R/W				
Alarm Status - Circuit 25	25	1235								R/W				
Alarm Status - Circuit 26	26	1236								R/W				
Alarm Status - Circuit 27	27	1237								R/W				

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Alarm Status - Circuit 28	28	1238								R/W				
Alarm Status - Circuit 29	29	1239								R/W				
Alarm Status - Circuit 30	30	1240								R/W				
Alarm Status - Circuit 31	31	1241								R/W				
Alarm Status - Circuit 32	32	1242								R/W				
Alarm Status - Circuit 33	33	1243								R/W				
Alarm Status - Circuit 34	34	1244								R/W				
Alarm Status - Circuit 35	35	1245								R/W				
Alarm Status - Circuit 36	36	1246								R/W				
Alarm Status - Circuit 37	37	1247								R/W				
Alarm Status - Circuit 38	38	1248								R/W				
Alarm Status - Circuit 39	39	1249								R/W				
Alarm Status - Circuit 40	40	1250								R/W				
Alarm Status - Circuit 41	41	1251								R/W				
Alarm Status - Circuit 42	42	1252								R/W				
Alarm Status - Circuit 43	43	1253								R/W				
Alarm Status - Circuit 44	44	1254								R/W				
Alarm Status - Circuit 45	45	1255								R/W				
Alarm Status - Circuit 46	46	1256								R/W				
Alarm Status - Circuit 47	47	1257								R/W				
Alarm Status - Circuit 48	48	1258								R/W				
Alarm Status - Circuit 49	49	1259								R/W				
Alarm Status - Circuit 50	50	1260								R/W				
Alarm Status - Circuit 51	51	1261								R/W				
Alarm Status - Circuit 52	52	1262								R/W				
Alarm Status - Circuit 53	53	1263								R/W				
Alarm Status - Circuit 54	54	1264								R/W				
Alarm Status - Circuit 55	55	1265								R/W				
Alarm Status - Circuit 56	56	1266								R/W				
Alarm Status - Circuit 57	57	1267								R/W				
Alarm Status - Circuit 58	58	1268								R/W				
Alarm Status - Circuit 59	59	1269								R/W				
Alarm Status - Circuit 60	60	1270								R/W				
Alarm Status - Circuit 61	61	1271								R/W				
Alarm Status - Circuit 62	62	1272								R/W				
Alarm Status - Circuit 63	63	1273								R/W				
Alarm Status - Circuit 64	64	1274								R/W				
Alarm Status - Circuit 65	65	1275								R/W				
Alarm Status - Circuit 66	66	1276								R/W				
Alarm Status - Circuit 67	67	1277								R/W				
Alarm Status - Circuit 68	68	1278								R/W				
Alarm Status - Circuit 69	69	1279								R/W				
Alarm Status - Circuit 70	70	1280								R/W				
Alarm Status - Circuit 71	71	1281								R/W				
Alarm Status - Circuit 72	72	1282								R/W				
Alarm Status - Circuit 73	73	1283								R/W				
Alarm Status - Circuit 74	74	1284								R/W				
Alarm Status - Circuit 75	75	1285								R/W				
Alarm Status - Circuit 76	76	1286								R/W				
Alarm Status - Circuit 77	77	1287								R/W				
Alarm Status - Circuit 78	78	1288								R/W				
Alarm Status - Circuit 79	79	1289								R/W				
Alarm Status - Circuit 80	80	1290								R/W				
Alarm Status - Circuit 81	81	1291								R/W				
Alarm Status - Circuit 82	82	1292								R/W				
Alarm Status - Circuit 83	83	1293								R/W				
Alarm Status - Circuit 84	84	1294								R/W				
Alarm Status - Circuit 85	85	1295								R/W				
Alarm Status - Circuit 86	86	1296								R/W				

		Modbus Registers						Bacnet Objects							
		Integer				Float									
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Alarm Status - Circuit 87	87	1297								R/W				
Alarm Status - Circuit 88	88	1298								R/W				
Alarm Status - Circuit 89	89	1299								R/W				
Alarm Status - Circuit 90	90	1300								R/W				
Alarm Status - Circuit 91	91	1301								R/W				
Alarm Status - Circuit 92	92	1302								R/W				
Alarm Status - Circuit 93	93	1303								R/W				
Alarm Status - Circuit 94	94	1304								R/W				
Alarm Status - Circuit 95	95	1305								R/W				
Alarm Status - Circuit 96	96	1306								R/W				
Zero Current State		1403	1498		UINT16			Analog Input	1841 - 1936					*Zero Current State registers will be updated when current drops to 0A*
Branch Zero Current State - Circuit 1	1	1403						Analog Input	1841	R				
Branch Zero Current State - Circuit 2	2	1404						Analog Input	1842	R				
Branch Zero Current State - Circuit 3	3	1405						Analog Input	1843	R				
Branch Zero Current State - Circuit 4	4	1406						Analog Input	1844	R				
Branch Zero Current State - Circuit 5	5	1407						Analog Input	1845	R				
Branch Zero Current State - Circuit 6	6	1408						Analog Input	1846	R				
Branch Zero Current State - Circuit 7	7	1409						Analog Input	1847	R				
Branch Zero Current State - Circuit 8	8	1410						Analog Input	1848	R				
Branch Zero Current State - Circuit 9	9	1411						Analog Input	1849	R				
Branch Zero Current State - Circuit 10	10	1412						Analog Input	1850	R				
Branch Zero Current State - Circuit 11	11	1413						Analog Input	1851	R				
Branch Zero Current State - Circuit 12	12	1414						Analog Input	1852	R				
Branch Zero Current State - Circuit 13	13	1415						Analog Input	1853	R				
Branch Zero Current State - Circuit 14	14	1416						Analog Input	1854	R				
Branch Zero Current State - Circuit 15	15	1417						Analog Input	1855	R				
Branch Zero Current State - Circuit 16	16	1418						Analog Input	1856	R				
Branch Zero Current State - Circuit 17	17	1419						Analog Input	1857	R				
Branch Zero Current State - Circuit 18	18	1420						Analog Input	1858	R				
Branch Zero Current State - Circuit 19	19	1421						Analog Input	1859	R				
Branch Zero Current State - Circuit 20	20	1422						Analog Input	1860	R				
Branch Zero Current State - Circuit 21	21	1423						Analog Input	1861	R				
Branch Zero Current State - Circuit 22	22	1424						Analog Input	1862	R				
Branch Zero Current State - Circuit 23	23	1425						Analog Input	1863	R				
Branch Zero Current State - Circuit 24	24	1426						Analog Input	1864	R				
Branch Zero Current State - Circuit 25	25	1427						Analog Input	1865	R				
Branch Zero Current State - Circuit 26	26	1428						Analog Input	1866	R				
Branch Zero Current State - Circuit 27	27	1429						Analog Input	1867	R				
Branch Zero Current State - Circuit 28	28	1430						Analog Input	1868	R				
Branch Zero Current State - Circuit 29	29	1431						Analog Input	1869	R				
Branch Zero Current State - Circuit 30	30	1432						Analog Input	1870	R				
Branch Zero Current State - Circuit 31	31	1433						Analog Input	1871	R				
Branch Zero Current State - Circuit 32	32	1434						Analog Input	1872	R				
Branch Zero Current State - Circuit 33	33	1435						Analog Input	1873	R				
Branch Zero Current State - Circuit 34	34	1436						Analog Input	1874	R				
Branch Zero Current State - Circuit 35	35	1437						Analog Input	1875	R				
Branch Zero Current State - Circuit 36	36	1438						Analog Input	1876	R				
Branch Zero Current State - Circuit 37	37	1439						Analog Input	1877	R				
Branch Zero Current State - Circuit 38	38	1440						Analog Input	1878	R				
Branch Zero Current State - Circuit 39	39	1441						Analog Input	1879	R				
Branch Zero Current State - Circuit 40	40	1442						Analog Input	1880	R				
Branch Zero Current State - Circuit 41	41	1443						Analog Input	1881	R				
Branch Zero Current State - Circuit 42	42	1444						Analog Input	1882	R				
Branch Zero Current State - Circuit 43	43	1445						Analog Input	1883	R				
Branch Zero Current State - Circuit 44	44	1446						Analog Input	1884	R				

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Branch Zero Current State - Circuit 45	45	1447						Analog Input	1885	R				
Branch Zero Current State - Circuit 46	46	1448						Analog Input	1886	R				
Branch Zero Current State - Circuit 47	47	1449						Analog Input	1887	R				
Branch Zero Current State - Circuit 48	48	1450						Analog Input	1888	R				
Branch Zero Current State - Circuit 49	49	1451						Analog Input	1889	R				
Branch Zero Current State - Circuit 50	50	1452						Analog Input	1890	R				
Branch Zero Current State - Circuit 51	51	1453						Analog Input	1891	R				
Branch Zero Current State - Circuit 52	52	1454						Analog Input	1892	R				
Branch Zero Current State - Circuit 53	53	1455						Analog Input	1893	R				
Branch Zero Current State - Circuit 54	54	1456						Analog Input	1894	R				
Branch Zero Current State - Circuit 55	55	1457						Analog Input	1895	R				
Branch Zero Current State - Circuit 56	56	1458						Analog Input	1896	R				
Branch Zero Current State - Circuit 57	57	1459						Analog Input	1897	R				
Branch Zero Current State - Circuit 58	58	1460						Analog Input	1898	R				
Branch Zero Current State - Circuit 59	59	1461						Analog Input	1899	R				
Branch Zero Current State - Circuit 60	60	1462						Analog Input	1900	R				
Branch Zero Current State - Circuit 61	61	1463						Analog Input	1901	R				
Branch Zero Current State - Circuit 62	62	1464						Analog Input	1902	R				
Branch Zero Current State - Circuit 63	63	1465						Analog Input	1903	R				
Branch Zero Current State - Circuit 64	64	1466						Analog Input	1904	R				
Branch Zero Current State - Circuit 65	65	1467						Analog Input	1905	R				
Branch Zero Current State - Circuit 66	66	1468						Analog Input	1906	R				
Branch Zero Current State - Circuit 67	67	1469						Analog Input	1907	R				
Branch Zero Current State - Circuit 68	68	1470						Analog Input	1908	R				
Branch Zero Current State - Circuit 69	69	1471						Analog Input	1909	R				
Branch Zero Current State - Circuit 70	70	1472						Analog Input	1910	R				
Branch Zero Current State - Circuit 71	71	1473						Analog Input	1911	R				
Branch Zero Current State - Circuit 72	72	1474						Analog Input	1912	R				
Branch Zero Current State - Circuit 73	73	1475						Analog Input	1913	R				
Branch Zero Current State - Circuit 74	74	1476						Analog Input	1914	R				
Branch Zero Current State - Circuit 75	75	1477						Analog Input	1915	R				
Branch Zero Current State - Circuit 76	76	1478						Analog Input	1916	R				
Branch Zero Current State - Circuit 77	77	1479						Analog Input	1917	R				
Branch Zero Current State - Circuit 78	78	1480						Analog Input	1918	R				
Branch Zero Current State - Circuit 79	79	1481						Analog Input	1919	R				
Branch Zero Current State - Circuit 80	80	1482						Analog Input	1920	R				
Branch Zero Current State - Circuit 81	81	1483						Analog Input	1921	R				
Branch Zero Current State - Circuit 82	82	1484						Analog Input	1922	R				
Branch Zero Current State - Circuit 83	83	1485						Analog Input	1923	R				
Branch Zero Current State - Circuit 84	84	1486						Analog Input	1924	R				
Branch Zero Current State - Circuit 85	85	1487						Analog Input	1925	R				
Branch Zero Current State - Circuit 86	86	1488						Analog Input	1926	R				
Branch Zero Current State - Circuit 87	87	1489						Analog Input	1927	R				
Branch Zero Current State - Circuit 88	88	1490						Analog Input	1928	R				
Branch Zero Current State - Circuit 89	89	1491						Analog Input	1929	R				
Branch Zero Current State - Circuit 90	90	1492						Analog Input	1930	R				
Branch Zero Current State - Circuit 91	91	1493						Analog Input	1931	R				
Branch Zero Current State - Circuit 92	92	1494						Analog Input	1932	R				
Branch Zero Current State - Circuit 93	93	1495						Analog Input	1933	R				
Branch Zero Current State - Circuit 94	94	1496						Analog Input	1934	R				
Branch Zero Current State - Circuit 95	95	1497						Analog Input	1935	R				
Branch Zero Current State - Circuit 96	96	1498						Analog Input	1936	R				
Smart Port/Panel Configuration														
Smart Port 1/2 (Panel 1) Circuit Configuration		1800								R/W	NV		0 - 4	*0 = Top Feed, 1 = Bottom Feed, 2 = Single Row Sequential,*
Smart Port 3/4 (Panel 2) Circuit Configuration		1801								R/W	NV		0 - 4	*3 = Single Row Odd/Even, 4 = Sequential*
Panel 1 Location (64 Registers)		1802	1865							R/W	NV			*Location string for Panel 1 and Panel 2,*
Panel 2 Location (64 Registers)		1866	1929							R/W	NV			*Each string supports up to 128 characters (64 registers)*

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Smart Port 1 Status		1930								R				
Smart Port 2 Status		1931								R			0 - 3	*0 = Nothing Detected, 1 = Status OK, 2 = Offline, 3 = Invalid Device Detected*
Smart Port 3 Status		1932								R				
Smart Port 4 Status		1933								R				
Voltage Readings														
Voltage Scale										R				
Frequency						4900	4901	Analog Input	1	R		Hz		*Derived from L1*
Voltage LN Average						4902	4903	Analog Input	2	R		Volts		
Voltage LL Average						4904	4905	Analog Input	3	R		Volts		
Voltage LN						4906	4911	Analog Input	4 - 6	R		Volts		
Voltage L1						4906	4907	Analog Input	4	R		Volts		
Voltage L2						4908	4909	Analog Input	5	R		Volts		
Voltage L3						4910	4911	Analog Input	6	R		Volts		
Voltage LL						4912	4917	Analog Input	7 - 9	R		Volts		
Voltage L1 - L2						4912	4913	Analog Input	7	R		Volts		
Voltage L2 - L3						4914	4915	Analog Input	8	R		Volts		
Voltage L3 - L1						4916	4917	Analog Input	9	R		Volts		
Percent THD						4918	4925	Analog Input	10 - 13	R		Percent		
Percent THD Average (L1, L2 & L3)						4918	4919	Analog Input	10	R		Percent		
Percent THD - L1						4920	4921	Analog Input	11	R		Percent		
Percent THD - L2						4922	4923	Analog Input	12	R		Percent		
Percent THD - L3						4924	4925	Analog Input	13	R		Percent		
Voltage Angle						4926	4931	Analog Input	14 - 16	R		Degrees		
L1 Angle						4926	4927	Analog Input	14	R		Degrees		*Reference used to derive angle for other phases - Always Reads 0*
L2 Angle						4928	4929	Analog Input	15	R		Degrees		
L3 Angle						4930	4931	Analog Input	16	R		Degrees		
Single Phase Reading by Type														
kWh						10000	10191	Analog Input	17 - 112	R	NV	kWh		
kWh - Circuit 1	1					10000	10001	Analog Input	17	R	NV	kWh		
kWh - Circuit 2	2					10002	10003	Analog Input	18	R	NV	kWh		
kWh - Circuit 3	3					10004	10005	Analog Input	19	R	NV	kWh		
kWh - Circuit 4	4					10006	10007	Analog Input	20	R	NV	kWh		
kWh - Circuit 5	5					10008	10009	Analog Input	21	R	NV	kWh		
kWh - Circuit 6	6					10010	10011	Analog Input	22	R	NV	kWh		
kWh - Circuit 7	7					10012	10013	Analog Input	23	R	NV	kWh		
kWh - Circuit 8	8					10014	10015	Analog Input	24	R	NV	kWh		
kWh - Circuit 9	9					10016	10017	Analog Input	25	R	NV	kWh		
kWh - Circuit 10	10					10018	10019	Analog Input	26	R	NV	kWh		
kWh - Circuit 11	11					10020	10021	Analog Input	27	R	NV	kWh		
kWh - Circuit 12	12					10022	10023	Analog Input	28	R	NV	kWh		
kWh - Circuit 13	13					10024	10025	Analog Input	29	R	NV	kWh		
kWh - Circuit 14	14					10026	10027	Analog Input	30	R	NV	kWh		
kWh - Circuit 15	15					10028	10029	Analog Input	31	R	NV	kWh		
kWh - Circuit 16	16					10030	10031	Analog Input	32	R	NV	kWh		
kWh - Circuit 17	17					10032	10033	Analog Input	33	R	NV	kWh		
kWh - Circuit 18	18					10034	10035	Analog Input	34	R	NV	kWh		
kWh - Circuit 19	19					10036	10037	Analog Input	35	R	NV	kWh		
kWh - Circuit 20	20					10038	10039	Analog Input	36	R	NV	kWh		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
kWh - Circuit 21	21					10040	10041	Analog Input	37	R	NV	kWh		
kWh - Circuit 22	22					10042	10043	Analog Input	38	R	NV	kWh		
kWh - Circuit 23	23					10044	10045	Analog Input	39	R	NV	kWh		
kWh - Circuit 24	24					10046	10047	Analog Input	40	R	NV	kWh		
kWh - Circuit 25	25					10048	10049	Analog Input	41	R	NV	kWh		
kWh - Circuit 26	26					10050	10051	Analog Input	42	R	NV	kWh		
kWh - Circuit 27	27					10052	10053	Analog Input	43	R	NV	kWh		
kWh - Circuit 28	28					10054	10055	Analog Input	44	R	NV	kWh		
kWh - Circuit 29	29					10056	10057	Analog Input	45	R	NV	kWh		
kWh - Circuit 30	30					10058	10059	Analog Input	46	R	NV	kWh		
kWh - Circuit 31	31					10060	10061	Analog Input	47	R	NV	kWh		
kWh - Circuit 32	32					10062	10063	Analog Input	48	R	NV	kWh		
kWh - Circuit 33	33					10064	10065	Analog Input	49	R	NV	kWh		
kWh - Circuit 34	34					10066	10067	Analog Input	50	R	NV	kWh		
kWh - Circuit 35	35					10068	10069	Analog Input	51	R	NV	kWh		
kWh - Circuit 36	36					10070	10071	Analog Input	52	R	NV	kWh		
kWh - Circuit 37	37					10072	10073	Analog Input	53	R	NV	kWh		
kWh - Circuit 38	38					10074	10075	Analog Input	54	R	NV	kWh		
kWh - Circuit 39	39					10076	10077	Analog Input	55	R	NV	kWh		
kWh - Circuit 40	40					10078	10079	Analog Input	56	R	NV	kWh		
kWh - Circuit 41	41					10080	10081	Analog Input	57	R	NV	kWh		
kWh - Circuit 42	42					10082	10083	Analog Input	58	R	NV	kWh		
kWh - Circuit 43	43					10084	10085	Analog Input	59	R	NV	kWh		
kWh - Circuit 44	44					10086	10087	Analog Input	60	R	NV	kWh		
kWh - Circuit 45	45					10088	10089	Analog Input	61	R	NV	kWh		
kWh - Circuit 46	46					10090	10091	Analog Input	62	R	NV	kWh		
kWh - Circuit 47	47					10092	10093	Analog Input	63	R	NV	kWh		
kWh - Circuit 48	48					10094	10095	Analog Input	64	R	NV	kWh		
kWh - Circuit 49	49					10096	10097	Analog Input	65	R	NV	kWh		
kWh - Circuit 50	50					10098	10099	Analog Input	66	R	NV	kWh		
kWh - Circuit 51	51					10100	10101	Analog Input	67	R	NV	kWh		
kWh - Circuit 52	52					10102	10103	Analog Input	68	R	NV	kWh		
kWh - Circuit 53	53					10104	10105	Analog Input	69	R	NV	kWh		
kWh - Circuit 54	54					10106	10107	Analog Input	70	R	NV	kWh		
kWh - Circuit 55	55					10108	10109	Analog Input	71	R	NV	kWh		
kWh - Circuit 56	56					10110	10111	Analog Input	72	R	NV	kWh		
kWh - Circuit 57	57					10112	10113	Analog Input	73	R	NV	kWh		
kWh - Circuit 58	58					10114	10115	Analog Input	74	R	NV	kWh		
kWh - Circuit 59	59					10116	10117	Analog Input	75	R	NV	kWh		
kWh - Circuit 60	60					10118	10119	Analog Input	76	R	NV	kWh		
kWh - Circuit 61	61					10120	10121	Analog Input	77	R	NV	kWh		
kWh - Circuit 62	62					10122	10123	Analog Input	78	R	NV	kWh		
kWh - Circuit 63	63					10124	10125	Analog Input	79	R	NV	kWh		
kWh - Circuit 64	64					10126	10127	Analog Input	80	R	NV	kWh		
kWh - Circuit 65	65					10128	10129	Analog Input	81	R	NV	kWh		
kWh - Circuit 66	66					10130	10131	Analog Input	82	R	NV	kWh		
kWh - Circuit 67	67					10132	10133	Analog Input	83	R	NV	kWh		
kWh - Circuit 68	68					10134	10135	Analog Input	84	R	NV	kWh		
kWh - Circuit 69	69					10136	10137	Analog Input	85	R	NV	kWh		
kWh - Circuit 70	70					10138	10139	Analog Input	86	R	NV	kWh		
kWh - Circuit 71	71					10140	10141	Analog Input	87	R	NV	kWh		
kWh - Circuit 72	72					10142	10143	Analog Input	88	R	NV	kWh		
kWh - Circuit 73	73					10144	10145	Analog Input	89	R	NV	kWh		
kWh - Circuit 74	74					10146	10147	Analog Input	90	R	NV	kWh		
kWh - Circuit 75	75					10148	10149	Analog Input	91	R	NV	kWh		
kWh - Circuit 76	76					10150	10151	Analog Input	92	R	NV	kWh		
kWh - Circuit 77	77					10152	10153	Analog Input	93	R	NV	kWh		
kWh - Circuit 78	78					10154	10155	Analog Input	94	R	NV	kWh		
kWh - Circuit 79	79					10156	10157	Analog Input	95	R	NV	kWh		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
kWh - Circuit 80	80					10158	10159	Analog Input	96	R	NV	kWh		
kWh - Circuit 81	81					10160	10161	Analog Input	97	R	NV	kWh		
kWh - Circuit 82	82					10162	10163	Analog Input	98	R	NV	kWh		
kWh - Circuit 83	83					10164	10165	Analog Input	99	R	NV	kWh		
kWh - Circuit 84	84					10166	10167	Analog Input	100	R	NV	kWh		
kWh - Circuit 85	85					10168	10169	Analog Input	101	R	NV	kWh		
kWh - Circuit 86	86					10170	10171	Analog Input	102	R	NV	kWh		
kWh - Circuit 87	87					10172	10173	Analog Input	103	R	NV	kWh		
kWh - Circuit 88	88					10174	10175	Analog Input	104	R	NV	kWh		
kWh - Circuit 89	89					10176	10177	Analog Input	105	R	NV	kWh		
kWh - Circuit 90	90					10178	10179	Analog Input	106	R	NV	kWh		
kWh - Circuit 91	91					10180	10181	Analog Input	107	R	NV	kWh		
kWh - Circuit 92	92					10182	10183	Analog Input	108	R	NV	kWh		
kWh - Circuit 93	93					10184	10185	Analog Input	109	R	NV	kWh		
kWh - Circuit 94	94					10186	10187	Analog Input	110	R	NV	kWh		
kWh - Circuit 95	95					10188	10189	Analog Input	111	R	NV	kWh		
kWh - Circuit 96	96					10190	10191	Analog Input	112	R	NV	kWh		
kVARh						10192	10383	Analog Input	113 - 208	R	NV	kVARh		
kVARh - Circuit 1	1					10192	10193	Analog Input	113	R	NV	kVARh		
kVARh - Circuit 2	2					10194	10195	Analog Input	114	R	NV	kVARh		
kVARh - Circuit 3	3					10196	10197	Analog Input	115	R	NV	kVARh		
kVARh - Circuit 4	4					10198	10199	Analog Input	116	R	NV	kVARh		
kVARh - Circuit 5	5					10200	10201	Analog Input	117	R	NV	kVARh		
kVARh - Circuit 6	6					10202	10203	Analog Input	118	R	NV	kVARh		
kVARh - Circuit 7	7					10204	10205	Analog Input	119	R	NV	kVARh		
kVARh - Circuit 8	8					10206	10207	Analog Input	120	R	NV	kVARh		
kVARh - Circuit 9	9					10208	10209	Analog Input	121	R	NV	kVARh		
kVARh - Circuit 10	10					10210	10211	Analog Input	122	R	NV	kVARh		
kVARh - Circuit 11	11					10212	10213	Analog Input	123	R	NV	kVARh		
kVARh - Circuit 12	12					10214	10215	Analog Input	124	R	NV	kVARh		
kVARh - Circuit 13	13					10216	10217	Analog Input	125	R	NV	kVARh		
kVARh - Circuit 14	14					10218	10219	Analog Input	126	R	NV	kVARh		
kVARh - Circuit 15	15					10220	10221	Analog Input	127	R	NV	kVARh		
kVARh - Circuit 16	16					10222	10223	Analog Input	128	R	NV	kVARh		
kVARh - Circuit 17	17					10224	10225	Analog Input	129	R	NV	kVARh		
kVARh - Circuit 18	18					10226	10227	Analog Input	130	R	NV	kVARh		
kVARh - Circuit 19	19					10228	10229	Analog Input	131	R	NV	kVARh		
kVARh - Circuit 20	20					10230	10231	Analog Input	132	R	NV	kVARh		
kVARh - Circuit 21	21					10232	10233	Analog Input	133	R	NV	kVARh		
kVARh - Circuit 22	22					10234	10235	Analog Input	134	R	NV	kVARh		
kVARh - Circuit 23	23					10236	10237	Analog Input	135	R	NV	kVARh		
kVARh - Circuit 24	24					10238	10239	Analog Input	136	R	NV	kVARh		
kVARh - Circuit 25	25					10240	10241	Analog Input	137	R	NV	kVARh		
kVARh - Circuit 26	26					10242	10243	Analog Input	138	R	NV	kVARh		
kVARh - Circuit 27	27					10244	10245	Analog Input	139	R	NV	kVARh		
kVARh - Circuit 28	28					10246	10247	Analog Input	140	R	NV	kVARh		
kVARh - Circuit 29	29					10248	10249	Analog Input	141	R	NV	kVARh		
kVARh - Circuit 30	30					10250	10251	Analog Input	142	R	NV	kVARh		
kVARh - Circuit 31	31					10252	10253	Analog Input	143	R	NV	kVARh		
kVARh - Circuit 32	32					10254	10255	Analog Input	144	R	NV	kVARh		
kVARh - Circuit 33	33					10256	10257	Analog Input	145	R	NV	kVARh		
kVARh - Circuit 34	34					10258	10259	Analog Input	146	R	NV	kVARh		
kVARh - Circuit 35	35					10260	10261	Analog Input	147	R	NV	kVARh		
kVARh - Circuit 36	36					10262	10263	Analog Input	148	R	NV	kVARh		
kVARh - Circuit 37	37					10264	10265	Analog Input	149	R	NV	kVARh		
kVARh - Circuit 38	38					10266	10267	Analog Input	150	R	NV	kVARh		
kVARh - Circuit 39	39					10268	10269	Analog Input	151	R	NV	kVARh		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
kVARh - Circuit 40	40					10270	10271	Analog Input	152	R	NV	kVARh		
kVARh - Circuit 41	41					10272	10273	Analog Input	153	R	NV	kVARh		
kVARh - Circuit 42	42					10274	10275	Analog Input	154	R	NV	kVARh		
kVARh - Circuit 43	43					10276	10277	Analog Input	155	R	NV	kVARh		
kVARh - Circuit 44	44					10278	10279	Analog Input	156	R	NV	kVARh		
kVARh - Circuit 45	45					10280	10281	Analog Input	157	R	NV	kVARh		
kVARh - Circuit 46	46					10282	10283	Analog Input	158	R	NV	kVARh		
kVARh - Circuit 47	47					10284	10285	Analog Input	159	R	NV	kVARh		
kVARh - Circuit 48	48					10286	10287	Analog Input	160	R	NV	kVARh		
kVARh - Circuit 49	49					10288	10289	Analog Input	161	R	NV	kVARh		
kVARh - Circuit 50	50					10290	10291	Analog Input	162	R	NV	kVARh		
kVARh - Circuit 51	51					10292	10293	Analog Input	163	R	NV	kVARh		
kVARh - Circuit 52	52					10294	10295	Analog Input	164	R	NV	kVARh		
kVARh - Circuit 53	53					10296	10297	Analog Input	165	R	NV	kVARh		
kVARh - Circuit 54	54					10298	10299	Analog Input	166	R	NV	kVARh		
kVARh - Circuit 55	55					10300	10301	Analog Input	167	R	NV	kVARh		
kVARh - Circuit 56	56					10302	10303	Analog Input	168	R	NV	kVARh		
kVARh - Circuit 57	57					10304	10305	Analog Input	169	R	NV	kVARh		
kVARh - Circuit 58	58					10306	10307	Analog Input	170	R	NV	kVARh		
kVARh - Circuit 59	59					10308	10309	Analog Input	171	R	NV	kVARh		
kVARh - Circuit 60	60					10310	10311	Analog Input	172	R	NV	kVARh		
kVARh - Circuit 61	61					10312	10313	Analog Input	173	R	NV	kVARh		
kVARh - Circuit 62	62					10314	10315	Analog Input	174	R	NV	kVARh		
kVARh - Circuit 63	63					10316	10317	Analog Input	175	R	NV	kVARh		
kVARh - Circuit 64	64					10318	10319	Analog Input	176	R	NV	kVARh		
kVARh - Circuit 65	65					10320	10321	Analog Input	177	R	NV	kVARh		
kVARh - Circuit 66	66					10322	10323	Analog Input	178	R	NV	kVARh		
kVARh - Circuit 67	67					10324	10325	Analog Input	179	R	NV	kVARh		
kVARh - Circuit 68	68					10326	10327	Analog Input	180	R	NV	kVARh		
kVARh - Circuit 69	69					10328	10329	Analog Input	181	R	NV	kVARh		
kVARh - Circuit 70	70					10330	10331	Analog Input	182	R	NV	kVARh		
kVARh - Circuit 71	71					10332	10333	Analog Input	183	R	NV	kVARh		
kVARh - Circuit 72	72					10334	10335	Analog Input	184	R	NV	kVARh		
kVARh - Circuit 73	73					10336	10337	Analog Input	185	R	NV	kVARh		
kVARh - Circuit 74	74					10338	10339	Analog Input	186	R	NV	kVARh		
kVARh - Circuit 75	75					10340	10341	Analog Input	187	R	NV	kVARh		
kVARh - Circuit 76	76					10342	10343	Analog Input	188	R	NV	kVARh		
kVARh - Circuit 77	77					10344	10345	Analog Input	189	R	NV	kVARh		
kVARh - Circuit 78	78					10346	10347	Analog Input	190	R	NV	kVARh		
kVARh - Circuit 79	79					10348	10349	Analog Input	191	R	NV	kVARh		
kVARh - Circuit 80	80					10350	10351	Analog Input	192	R	NV	kVARh		
kVARh - Circuit 81	81					10352	10353	Analog Input	193	R	NV	kVARh		
kVARh - Circuit 82	82					10354	10355	Analog Input	194	R	NV	kVARh		
kVARh - Circuit 83	83					10356	10357	Analog Input	195	R	NV	kVARh		
kVARh - Circuit 84	84					10358	10359	Analog Input	196	R	NV	kVARh		
kVARh - Circuit 85	85					10360	10361	Analog Input	197	R	NV	kVARh		
kVARh - Circuit 86	86					10362	10363	Analog Input	198	R	NV	kVARh		
kVARh - Circuit 87	87					10364	10365	Analog Input	199	R	NV	kVARh		
kVARh - Circuit 88	88					10366	10367	Analog Input	200	R	NV	kVARh		
kVARh - Circuit 89	89					10368	10369	Analog Input	201	R	NV	kVARh		
kVARh - Circuit 90	90					10370	10371	Analog Input	202	R	NV	kVARh		
kVARh - Circuit 91	91					10372	10373	Analog Input	203	R	NV	kVARh		
kVARh - Circuit 92	92					10374	10375	Analog Input	204	R	NV	kVARh		
kVARh - Circuit 93	93					10376	10377	Analog Input	205	R	NV	kVARh		
kVARh - Circuit 94	94					10378	10379	Analog Input	206	R	NV	kVARh		
kVARh - Circuit 95	95					10380	10381	Analog Input	207	R	NV	kVARh		
kVARh - Circuit 96	96					10382	10383	Analog Input	208	R	NV	kVARh		
kVAh						10384	10575	Analog Input	209 - 304	R	NV	kVAh		

		Modbus Registers					Bacnet Objects						
		Integer				Float							
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
kVAh - Circuit 1	1					10384	10385	Analog Input	209	R	NV	kVAh		
kVAh - Circuit 2	2					10386	10387	Analog Input	210	R	NV	kVAh		
kVAh - Circuit 3	3					10388	10389	Analog Input	211	R	NV	kVAh		
kVAh - Circuit 4	4					10390	10391	Analog Input	212	R	NV	kVAh		
kVAh - Circuit 5	5					10392	10393	Analog Input	213	R	NV	kVAh		
kVAh - Circuit 6	6					10394	10395	Analog Input	214	R	NV	kVAh		
kVAh - Circuit 7	7					10396	10397	Analog Input	215	R	NV	kVAh		
kVAh - Circuit 8	8					10398	10399	Analog Input	216	R	NV	kVAh		
kVAh - Circuit 9	9					10400	10401	Analog Input	217	R	NV	kVAh		
kVAh - Circuit 10	10					10402	10403	Analog Input	218	R	NV	kVAh		
kVAh - Circuit 11	11					10404	10405	Analog Input	219	R	NV	kVAh		
kVAh - Circuit 12	12					10406	10407	Analog Input	220	R	NV	kVAh		
kVAh - Circuit 13	13					10408	10409	Analog Input	221	R	NV	kVAh		
kVAh - Circuit 14	14					10410	10411	Analog Input	222	R	NV	kVAh		
kVAh - Circuit 15	15					10412	10413	Analog Input	223	R	NV	kVAh		
kVAh - Circuit 16	16					10414	10415	Analog Input	224	R	NV	kVAh		
kVAh - Circuit 17	17					10416	10417	Analog Input	225	R	NV	kVAh		
kVAh - Circuit 18	18					10418	10419	Analog Input	226	R	NV	kVAh		
kVAh - Circuit 19	19					10420	10421	Analog Input	227	R	NV	kVAh		
kVAh - Circuit 20	20					10422	10423	Analog Input	228	R	NV	kVAh		
kVAh - Circuit 21	21					10424	10425	Analog Input	229	R	NV	kVAh		
kVAh - Circuit 22	22					10426	10427	Analog Input	230	R	NV	kVAh		
kVAh - Circuit 23	23					10428	10429	Analog Input	231	R	NV	kVAh		
kVAh - Circuit 24	24					10430	10431	Analog Input	232	R	NV	kVAh		
kVAh - Circuit 25	25					10432	10433	Analog Input	233	R	NV	kVAh		
kVAh - Circuit 26	26					10434	10435	Analog Input	234	R	NV	kVAh		
kVAh - Circuit 27	27					10436	10437	Analog Input	235	R	NV	kVAh		
kVAh - Circuit 28	28					10438	10439	Analog Input	236	R	NV	kVAh		
kVAh - Circuit 29	29					10440	10441	Analog Input	237	R	NV	kVAh		
kVAh - Circuit 30	30					10442	10443	Analog Input	238	R	NV	kVAh		
kVAh - Circuit 31	31					10444	10445	Analog Input	239	R	NV	kVAh		
kVAh - Circuit 32	32					10446	10447	Analog Input	240	R	NV	kVAh		
kVAh - Circuit 33	33					10448	10449	Analog Input	241	R	NV	kVAh		
kVAh - Circuit 34	34					10450	10451	Analog Input	242	R	NV	kVAh		
kVAh - Circuit 35	35					10452	10453	Analog Input	243	R	NV	kVAh		
kVAh - Circuit 36	36					10454	10455	Analog Input	244	R	NV	kVAh		
kVAh - Circuit 37	37					10456	10457	Analog Input	245	R	NV	kVAh		
kVAh - Circuit 38	38					10458	10459	Analog Input	246	R	NV	kVAh		
kVAh - Circuit 39	39					10460	10461	Analog Input	247	R	NV	kVAh		
kVAh - Circuit 40	40					10462	10463	Analog Input	248	R	NV	kVAh		
kVAh - Circuit 41	41					10464	10465	Analog Input	249	R	NV	kVAh		
kVAh - Circuit 42	42					10466	10467	Analog Input	250	R	NV	kVAh		
kVAh - Circuit 43	43					10468	10469	Analog Input	251	R	NV	kVAh		
kVAh - Circuit 44	44					10470	10471	Analog Input	252	R	NV	kVAh		
kVAh - Circuit 45	45					10472	10473	Analog Input	253	R	NV	kVAh		
kVAh - Circuit 46	46					10474	10475	Analog Input	254	R	NV	kVAh		
kVAh - Circuit 47	47					10476	10477	Analog Input	255	R	NV	kVAh		
kVAh - Circuit 48	48					10478	10479	Analog Input	256	R	NV	kVAh		
kVAh - Circuit 49	49					10480	10481	Analog Input	257	R	NV	kVAh		
kVAh - Circuit 50	50					10482	10483	Analog Input	258	R	NV	kVAh		
kVAh - Circuit 51	51					10484	10485	Analog Input	259	R	NV	kVAh		
kVAh - Circuit 52	52					10486	10487	Analog Input	260	R	NV	kVAh		
kVAh - Circuit 53	53					10488	10489	Analog Input	261	R	NV	kVAh		
kVAh - Circuit 54	54					10490	10491	Analog Input	262	R	NV	kVAh		
kVAh - Circuit 55	55					10492	10493	Analog Input	263	R	NV	kVAh		
kVAh - Circuit 56	56					10494	10495	Analog Input	264	R	NV	kVAh		
kVAh - Circuit 57	57					10496	10497	Analog Input	265	R	NV	kVAh		
kVAh - Circuit 58	58					10498	10499	Analog Input	266	R	NV	kVAh		
kVAh - Circuit 59	59					10500	10501	Analog Input	267	R	NV	kVAh		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
kVAh - Circuit 60	60					10502	10503	Analog Input	268	R	NV	kVAh		
kVAh - Circuit 61	61					10504	10505	Analog Input	269	R	NV	kVAh		
kVAh - Circuit 62	62					10506	10507	Analog Input	270	R	NV	kVAh		
kVAh - Circuit 63	63					10508	10509	Analog Input	271	R	NV	kVAh		
kVAh - Circuit 64	64					10510	10511	Analog Input	272	R	NV	kVAh		
kVAh - Circuit 65	65					10512	10513	Analog Input	273	R	NV	kVAh		
kVAh - Circuit 66	66					10514	10515	Analog Input	274	R	NV	kVAh		
kVAh - Circuit 67	67					10516	10517	Analog Input	275	R	NV	kVAh		
kVAh - Circuit 68	68					10518	10519	Analog Input	276	R	NV	kVAh		
kVAh - Circuit 69	69					10520	10521	Analog Input	277	R	NV	kVAh		
kVAh - Circuit 70	70					10522	10523	Analog Input	278	R	NV	kVAh		
kVAh - Circuit 71	71					10524	10525	Analog Input	279	R	NV	kVAh		
kVAh - Circuit 72	72					10526	10527	Analog Input	280	R	NV	kVAh		
kVAh - Circuit 73	73					10528	10529	Analog Input	281	R	NV	kVAh		
kVAh - Circuit 74	74					10530	10531	Analog Input	282	R	NV	kVAh		
kVAh - Circuit 75	75					10532	10533	Analog Input	283	R	NV	kVAh		
kVAh - Circuit 76	76					10534	10535	Analog Input	284	R	NV	kVAh		
kVAh - Circuit 77	77					10536	10537	Analog Input	285	R	NV	kVAh		
kVAh - Circuit 78	78					10538	10539	Analog Input	286	R	NV	kVAh		
kVAh - Circuit 79	79					10540	10541	Analog Input	287	R	NV	kVAh		
kVAh - Circuit 80	80					10542	10543	Analog Input	288	R	NV	kVAh		
kVAh - Circuit 81	81					10544	10545	Analog Input	289	R	NV	kVAh		
kVAh - Circuit 82	82					10546	10547	Analog Input	290	R	NV	kVAh		
kVAh - Circuit 83	83					10548	10549	Analog Input	291	R	NV	kVAh		
kVAh - Circuit 84	84					10550	10551	Analog Input	292	R	NV	kVAh		
kVAh - Circuit 85	85					10552	10553	Analog Input	293	R	NV	kVAh		
kVAh - Circuit 86	86					10554	10555	Analog Input	294	R	NV	kVAh		
kVAh - Circuit 87	87					10556	10557	Analog Input	295	R	NV	kVAh		
kVAh - Circuit 88	88					10558	10559	Analog Input	296	R	NV	kVAh		
kVAh - Circuit 89	89					10560	10561	Analog Input	297	R	NV	kVAh		
kVAh - Circuit 90	90					10562	10563	Analog Input	298	R	NV	kVAh		
kVAh - Circuit 91	91					10564	10565	Analog Input	299	R	NV	kVAh		
kVAh - Circuit 92	92					10566	10567	Analog Input	300	R	NV	kVAh		
kVAh - Circuit 93	93					10568	10569	Analog Input	301	R	NV	kVAh		
kVAh - Circuit 94	94					10570	10571	Analog Input	302	R	NV	kVAh		
kVAh - Circuit 95	95					10572	10573	Analog Input	303	R	NV	kVAh		
kVAh - Circuit 96	96					10574	10575	Analog Input	304	R	NV	kVAh		
kW						10576	10767	Analog Input	305 - 400	R		kW		
kW - Circuit 1	1					10576	10577	Analog Input	305	R		kW		
kW - Circuit 2	2					10578	10579	Analog Input	306	R		kW		
kW - Circuit 3	3					10580	10581	Analog Input	307	R		kW		
kW - Circuit 4	4					10582	10583	Analog Input	308	R		kW		
kW - Circuit 5	5					10584	10585	Analog Input	309	R		kW		
kW - Circuit 6	6					10586	10587	Analog Input	310	R		kW		
kW - Circuit 7	7					10588	10589	Analog Input	311	R		kW		
kW - Circuit 8	8					10590	10591	Analog Input	312	R		kW		
kW - Circuit 9	9					10592	10593	Analog Input	313	R		kW		
kW - Circuit 10	10					10594	10595	Analog Input	314	R		kW		
kW - Circuit 11	11					10596	10597	Analog Input	315	R		kW		
kW - Circuit 12	12					10598	10599	Analog Input	316	R		kW		
kW - Circuit 13	13					10600	10601	Analog Input	317	R		kW		
kW - Circuit 14	14					10602	10603	Analog Input	318	R		kW		
kW - Circuit 15	15					10604	10605	Analog Input	319	R		kW		
kW - Circuit 16	16					10606	10607	Analog Input	320	R		kW		
kW - Circuit 17	17					10608	10609	Analog Input	321	R		kW		
kW - Circuit 18	18					10610	10611	Analog Input	322	R		kW		
kW - Circuit 19	19					10612	10613	Analog Input	323	R		kW		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
kW - Circuit 20	20					10614	10615	Analog Input	324	R		kW		
kW - Circuit 21	21					10616	10617	Analog Input	325	R		kW		
kW - Circuit 22	22					10618	10619	Analog Input	326	R		kW		
kW - Circuit 23	23					10620	10621	Analog Input	327	R		kW		
kW - Circuit 24	24					10622	10623	Analog Input	328	R		kW		
kW - Circuit 25	25					10624	10625	Analog Input	329	R		kW		
kW - Circuit 26	26					10626	10627	Analog Input	330	R		kW		
kW - Circuit 27	27					10628	10629	Analog Input	331	R		kW		
kW - Circuit 28	28					10630	10631	Analog Input	332	R		kW		
kW - Circuit 29	29					10632	10633	Analog Input	333	R		kW		
kW - Circuit 30	30					10634	10635	Analog Input	334	R		kW		
kW - Circuit 31	31					10636	10637	Analog Input	335	R		kW		
kW - Circuit 32	32					10638	10639	Analog Input	336	R		kW		
kW - Circuit 33	33					10640	10641	Analog Input	337	R		kW		
kW - Circuit 34	34					10642	10643	Analog Input	338	R		kW		
kW - Circuit 35	35					10644	10645	Analog Input	339	R		kW		
kW - Circuit 36	36					10646	10647	Analog Input	340	R		kW		
kW - Circuit 37	37					10648	10649	Analog Input	341	R		kW		
kW - Circuit 38	38					10650	10651	Analog Input	342	R		kW		
kW - Circuit 39	39					10652	10653	Analog Input	343	R		kW		
kW - Circuit 40	40					10654	10655	Analog Input	344	R		kW		
kW - Circuit 41	41					10656	10657	Analog Input	345	R		kW		
kW - Circuit 42	42					10658	10659	Analog Input	346	R		kW		
kW - Circuit 43	43					10660	10661	Analog Input	347	R		kW		
kW - Circuit 44	44					10662	10663	Analog Input	348	R		kW		
kW - Circuit 45	45					10664	10665	Analog Input	349	R		kW		
kW - Circuit 46	46					10666	10667	Analog Input	350	R		kW		
kW - Circuit 47	47					10668	10669	Analog Input	351	R		kW		
kW - Circuit 48	48					10670	10671	Analog Input	352	R		kW		
kW - Circuit 49	49					10672	10673	Analog Input	353	R		kW		
kW - Circuit 50	50					10674	10675	Analog Input	354	R		kW		
kW - Circuit 51	51					10676	10677	Analog Input	355	R		kW		
kW - Circuit 52	52					10678	10679	Analog Input	356	R		kW		
kW - Circuit 53	53					10680	10681	Analog Input	357	R		kW		
kW - Circuit 54	54					10682	10683	Analog Input	358	R		kW		
kW - Circuit 55	55					10684	10685	Analog Input	359	R		kW		
kW - Circuit 56	56					10686	10687	Analog Input	360	R		kW		
kW - Circuit 57	57					10688	10689	Analog Input	361	R		kW		
kW - Circuit 58	58					10690	10691	Analog Input	362	R		kW		
kW - Circuit 59	59					10692	10693	Analog Input	363	R		kW		
kW - Circuit 60	60					10694	10695	Analog Input	364	R		kW		
kW - Circuit 61	61					10696	10697	Analog Input	365	R		kW		
kW - Circuit 62	62					10698	10699	Analog Input	366	R		kW		
kW - Circuit 63	63					10700	10701	Analog Input	367	R		kW		
kW - Circuit 64	64					10702	10703	Analog Input	368	R		kW		
kW - Circuit 65	65					10704	10705	Analog Input	369	R		kW		
kW - Circuit 66	66					10706	10707	Analog Input	370	R		kW		
kW - Circuit 67	67					10708	10709	Analog Input	371	R		kW		
kW - Circuit 68	68					10710	10711	Analog Input	372	R		kW		
kW - Circuit 69	69					10712	10713	Analog Input	373	R		kW		
kW - Circuit 70	70					10714	10715	Analog Input	374	R		kW		
kW - Circuit 71	71					10716	10717	Analog Input	375	R		kW		
kW - Circuit 72	72					10718	10719	Analog Input	376	R		kW		
kW - Circuit 73	73					10720	10721	Analog Input	377	R		kW		
kW - Circuit 74	74					10722	10723	Analog Input	378	R		kW		
kW - Circuit 75	75					10724	10725	Analog Input	379	R		kW		
kW - Circuit 76	76					10726	10727	Analog Input	380	R		kW		
kW - Circuit 77	77					10728	10729	Analog Input	381	R		kW		
kW - Circuit 78	78					10730	10731	Analog Input	382	R		kW		

		Modbus Registers											
		Integer				Float		Bacnet Objects					
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
kW - Circuit 79	79					10732	10733	Analog Input	383	R		kW		
kW - Circuit 80	80					10734	10735	Analog Input	384	R		kW		
kW - Circuit 81	81					10736	10737	Analog Input	385	R		kW		
kW - Circuit 82	82					10738	10739	Analog Input	386	R		kW		
kW - Circuit 83	83					10740	10741	Analog Input	387	R		kW		
kW - Circuit 84	84					10742	10743	Analog Input	388	R		kW		
kW - Circuit 85	85					10744	10745	Analog Input	389	R		kW		
kW - Circuit 86	86					10746	10747	Analog Input	390	R		kW		
kW - Circuit 87	87					10748	10749	Analog Input	391	R		kW		
kW - Circuit 88	88					10750	10751	Analog Input	392	R		kW		
kW - Circuit 89	89					10752	10753	Analog Input	393	R		kW		
kW - Circuit 90	90					10754	10755	Analog Input	394	R		kW		
kW - Circuit 91	91					10756	10757	Analog Input	395	R		kW		
kW - Circuit 92	92					10758	10759	Analog Input	396	R		kW		
kW - Circuit 93	93					10760	10761	Analog Input	397	R		kW		
kW - Circuit 94	94					10762	10763	Analog Input	398	R		kW		
kW - Circuit 95	95					10764	10765	Analog Input	399	R		kW		
kW - Circuit 96	96					10766	10767	Analog Input	400	R		kW		
kVAR						10768	10959	Analog Input	401 - 496	R		kVAR		
kVAR - Circuit 1	1					10768	10769	Analog Input	401	R		kVAR		
kVAR - Circuit 2	2					10770	10771	Analog Input	402	R		kVAR		
kVAR - Circuit 3	3					10772	10773	Analog Input	403	R		kVAR		
kVAR - Circuit 4	4					10774	10775	Analog Input	404	R		kVAR		
kVAR - Circuit 5	5					10776	10777	Analog Input	405	R		kVAR		
kVAR - Circuit 6	6					10778	10779	Analog Input	406	R		kVAR		
kVAR - Circuit 7	7					10780	10781	Analog Input	407	R		kVAR		
kVAR - Circuit 8	8					10782	10783	Analog Input	408	R		kVAR		
kVAR - Circuit 9	9					10784	10785	Analog Input	409	R		kVAR		
kVAR - Circuit 10	10					10786	10787	Analog Input	410	R		kVAR		
kVAR - Circuit 11	11					10788	10789	Analog Input	411	R		kVAR		
kVAR - Circuit 12	12					10790	10791	Analog Input	412	R		kVAR		
kVAR - Circuit 13	13					10792	10793	Analog Input	413	R		kVAR		
kVAR - Circuit 14	14					10794	10795	Analog Input	414	R		kVAR		
kVAR - Circuit 15	15					10796	10797	Analog Input	415	R		kVAR		
kVAR - Circuit 16	16					10798	10799	Analog Input	416	R		kVAR		
kVAR - Circuit 17	17					10800	10801	Analog Input	417	R		kVAR		
kVAR - Circuit 18	18					10802	10803	Analog Input	418	R		kVAR		
kVAR - Circuit 19	19					10804	10805	Analog Input	419	R		kVAR		
kVAR - Circuit 20	20					10806	10807	Analog Input	420	R		kVAR		
kVAR - Circuit 21	21					10808	10809	Analog Input	421	R		kVAR		
kVAR - Circuit 22	22					10810	10811	Analog Input	422	R		kVAR		
kVAR - Circuit 23	23					10812	10813	Analog Input	423	R		kVAR		
kVAR - Circuit 24	24					10814	10815	Analog Input	424	R		kVAR		
kVAR - Circuit 25	25					10816	10817	Analog Input	425	R		kVAR		
kVAR - Circuit 26	26					10818	10819	Analog Input	426	R		kVAR		
kVAR - Circuit 27	27					10820	10821	Analog Input	427	R		kVAR		
kVAR - Circuit 28	28					10822	10823	Analog Input	428	R		kVAR		
kVAR - Circuit 29	29					10824	10825	Analog Input	429	R		kVAR		
kVAR - Circuit 30	30					10826	10827	Analog Input	430	R		kVAR		
kVAR - Circuit 31	31					10828	10829	Analog Input	431	R		kVAR		
kVAR - Circuit 32	32					10830	10831	Analog Input	432	R		kVAR		
kVAR - Circuit 33	33					10832	10833	Analog Input	433	R		kVAR		
kVAR - Circuit 34	34					10834	10835	Analog Input	434	R		kVAR		
kVAR - Circuit 35	35					10836	10837	Analog Input	435	R		kVAR		
kVAR - Circuit 36	36					10838	10839	Analog Input	436	R		kVAR		
kVAR - Circuit 37	37					10840	10841	Analog Input	437	R		kVAR		
kVAR - Circuit 38	38					10842	10843	Analog Input	438	R		kVAR		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
kVAR - Circuit 39	39					10844	10845	Analog Input	439	R		kVAR		
kVAR - Circuit 40	40					10846	10847	Analog Input	440	R		kVAR		
kVAR - Circuit 41	41					10848	10849	Analog Input	441	R		kVAR		
kVAR - Circuit 42	42					10850	10851	Analog Input	442	R		kVAR		
kVAR - Circuit 43	43					10852	10853	Analog Input	443	R		kVAR		
kVAR - Circuit 44	44					10854	10855	Analog Input	444	R		kVAR		
kVAR - Circuit 45	45					10856	10857	Analog Input	445	R		kVAR		
kVAR - Circuit 46	46					10858	10859	Analog Input	446	R		kVAR		
kVAR - Circuit 47	47					10860	10861	Analog Input	447	R		kVAR		
kVAR - Circuit 48	48					10862	10863	Analog Input	448	R		kVAR		
kVAR - Circuit 49	49					10864	10865	Analog Input	449	R		kVAR		
kVAR - Circuit 50	50					10866	10867	Analog Input	450	R		kVAR		
kVAR - Circuit 51	51					10868	10869	Analog Input	451	R		kVAR		
kVAR - Circuit 52	52					10870	10871	Analog Input	452	R		kVAR		
kVAR - Circuit 53	53					10872	10873	Analog Input	453	R		kVAR		
kVAR - Circuit 54	54					10874	10875	Analog Input	454	R		kVAR		
kVAR - Circuit 55	55					10876	10877	Analog Input	455	R		kVAR		
kVAR - Circuit 56	56					10878	10879	Analog Input	456	R		kVAR		
kVAR - Circuit 57	57					10880	10881	Analog Input	457	R		kVAR		
kVAR - Circuit 58	58					10882	10883	Analog Input	458	R		kVAR		
kVAR - Circuit 59	59					10884	10885	Analog Input	459	R		kVAR		
kVAR - Circuit 60	60					10886	10887	Analog Input	460	R		kVAR		
kVAR - Circuit 61	61					10888	10889	Analog Input	461	R		kVAR		
kVAR - Circuit 62	62					10890	10891	Analog Input	462	R		kVAR		
kVAR - Circuit 63	63					10892	10893	Analog Input	463	R		kVAR		
kVAR - Circuit 64	64					10894	10895	Analog Input	464	R		kVAR		
kVAR - Circuit 65	65					10896	10897	Analog Input	465	R		kVAR		
kVAR - Circuit 66	66					10898	10899	Analog Input	466	R		kVAR		
kVAR - Circuit 67	67					10900	10901	Analog Input	467	R		kVAR		
kVAR - Circuit 68	68					10902	10903	Analog Input	468	R		kVAR		
kVAR - Circuit 69	69					10904	10905	Analog Input	469	R		kVAR		
kVAR - Circuit 70	70					10906	10907	Analog Input	470	R		kVAR		
kVAR - Circuit 71	71					10908	10909	Analog Input	471	R		kVAR		
kVAR - Circuit 72	72					10910	10911	Analog Input	472	R		kVAR		
kVAR - Circuit 73	73					10912	10913	Analog Input	473	R		kVAR		
kVAR - Circuit 74	74					10914	10915	Analog Input	474	R		kVAR		
kVAR - Circuit 75	75					10916	10917	Analog Input	475	R		kVAR		
kVAR - Circuit 76	76					10918	10919	Analog Input	476	R		kVAR		
kVAR - Circuit 77	77					10920	10921	Analog Input	477	R		kVAR		
kVAR - Circuit 78	78					10922	10923	Analog Input	478	R		kVAR		
kVAR - Circuit 79	79					10924	10925	Analog Input	479	R		kVAR		
kVAR - Circuit 80	80					10926	10927	Analog Input	480	R		kVAR		
kVAR - Circuit 81	81					10928	10929	Analog Input	481	R		kVAR		
kVAR - Circuit 82	82					10930	10931	Analog Input	482	R		kVAR		
kVAR - Circuit 83	83					10932	10933	Analog Input	483	R		kVAR		
kVAR - Circuit 84	84					10934	10935	Analog Input	484	R		kVAR		
kVAR - Circuit 85	85					10936	10937	Analog Input	485	R		kVAR		
kVAR - Circuit 86	86					10938	10939	Analog Input	486	R		kVAR		
kVAR - Circuit 87	87					10940	10941	Analog Input	487	R		kVAR		
kVAR - Circuit 88	88					10942	10943	Analog Input	488	R		kVAR		
kVAR - Circuit 89	89					10944	10945	Analog Input	489	R		kVAR		
kVAR - Circuit 90	90					10946	10947	Analog Input	490	R		kVAR		
kVAR - Circuit 91	91					10948	10949	Analog Input	491	R		kVAR		
kVAR - Circuit 92	92					10950	10951	Analog Input	492	R		kVAR		
kVAR - Circuit 93	93					10952	10953	Analog Input	493	R		kVAR		
kVAR - Circuit 94	94					10954	10955	Analog Input	494	R		kVAR		
kVAR - Circuit 95	95					10956	10957	Analog Input	495	R		kVAR		
kVAR - Circuit 96	96					10958	10959	Analog Input	496	R		kVAR		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
kVA						10960	11151	Analog Input	497 - 592	R		kVA		
kVA - Circuit 1	1					10960	10961	Analog Input	497	R		kVA		
kVA - Circuit 2	2					10962	10963	Analog Input	498	R		kVA		
kVA - Circuit 3	3					10964	10965	Analog Input	499	R		kVA		
kVA - Circuit 4	4					10966	10967	Analog Input	500	R		kVA		
kVA - Circuit 5	5					10968	10969	Analog Input	501	R		kVA		
kVA - Circuit 6	6					10970	10971	Analog Input	502	R		kVA		
kVA - Circuit 7	7					10972	10973	Analog Input	503	R		kVA		
kVA - Circuit 8	8					10974	10975	Analog Input	504	R		kVA		
kVA - Circuit 9	9					10976	10977	Analog Input	505	R		kVA		
kVA - Circuit 10	10					10978	10979	Analog Input	506	R		kVA		
kVA - Circuit 11	11					10980	10981	Analog Input	507	R		kVA		
kVA - Circuit 12	12					10982	10983	Analog Input	508	R		kVA		
kVA - Circuit 13	13					10984	10985	Analog Input	509	R		kVA		
kVA - Circuit 14	14					10986	10987	Analog Input	510	R		kVA		
kVA - Circuit 15	15					10988	10989	Analog Input	511	R		kVA		
kVA - Circuit 16	16					10990	10991	Analog Input	512	R		kVA		
kVA - Circuit 17	17					10992	10993	Analog Input	513	R		kVA		
kVA - Circuit 18	18					10994	10995	Analog Input	514	R		kVA		
kVA - Circuit 19	19					10996	10997	Analog Input	515	R		kVA		
kVA - Circuit 20	20					10998	10999	Analog Input	516	R		kVA		
kVA - Circuit 21	21					11000	11001	Analog Input	517	R		kVA		
kVA - Circuit 22	22					11002	11003	Analog Input	518	R		kVA		
kVA - Circuit 23	23					11004	11005	Analog Input	519	R		kVA		
kVA - Circuit 24	24					11006	11007	Analog Input	520	R		kVA		
kVA - Circuit 25	25					11008	11009	Analog Input	521	R		kVA		
kVA - Circuit 26	26					11010	11011	Analog Input	522	R		kVA		
kVA - Circuit 27	27					11012	11013	Analog Input	523	R		kVA		
kVA - Circuit 28	28					11014	11015	Analog Input	524	R		kVA		
kVA - Circuit 29	29					11016	11017	Analog Input	525	R		kVA		
kVA - Circuit 30	30					11018	11019	Analog Input	526	R		kVA		
kVA - Circuit 31	31					11020	11021	Analog Input	527	R		kVA		
kVA - Circuit 32	32					11022	11023	Analog Input	528	R		kVA		
kVA - Circuit 33	33					11024	11025	Analog Input	529	R		kVA		
kVA - Circuit 34	34					11026	11027	Analog Input	530	R		kVA		
kVA - Circuit 35	35					11028	11029	Analog Input	531	R		kVA		
kVA - Circuit 36	36					11030	11031	Analog Input	532	R		kVA		
kVA - Circuit 37	37					11032	11033	Analog Input	533	R		kVA		
kVA - Circuit 38	38					11034	11035	Analog Input	534	R		kVA		
kVA - Circuit 39	39					11036	11037	Analog Input	535	R		kVA		
kVA - Circuit 40	40					11038	11039	Analog Input	536	R		kVA		
kVA - Circuit 41	41					11040	11041	Analog Input	537	R		kVA		
kVA - Circuit 42	42					11042	11043	Analog Input	538	R		kVA		
kVA - Circuit 43	43					11044	11045	Analog Input	539	R		kVA		
kVA - Circuit 44	44					11046	11047	Analog Input	540	R		kVA		
kVA - Circuit 45	45					11048	11049	Analog Input	541	R		kVA		
kVA - Circuit 46	46					11050	11051	Analog Input	542	R		kVA		
kVA - Circuit 47	47					11052	11053	Analog Input	543	R		kVA		
kVA - Circuit 48	48					11054	11055	Analog Input	544	R		kVA		
kVA - Circuit 49	49					11056	11057	Analog Input	545	R		kVA		
kVA - Circuit 50	50					11058	11059	Analog Input	546	R		kVA		
kVA - Circuit 51	51					11060	11061	Analog Input	547	R		kVA		
kVA - Circuit 52	52					11062	11063	Analog Input	548	R		kVA		
kVA - Circuit 53	53					11064	11065	Analog Input	549	R		kVA		
kVA - Circuit 54	54					11066	11067	Analog Input	550	R		kVA		
kVA - Circuit 55	55					11068	11069	Analog Input	551	R		kVA		
kVA - Circuit 56	56					11070	11071	Analog Input	552	R		kVA		
kVA - Circuit 57	57					11072	11073	Analog Input	553	R		kVA		

		Modbus Registers					Bacnet Objects						
		Integer				Float							
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
kVA - Circuit 58	58					11074	11075	Analog Input	554	R		kVA		
kVA - Circuit 59	59					11076	11077	Analog Input	555	R		kVA		
kVA - Circuit 60	60					11078	11079	Analog Input	556	R		kVA		
kVA - Circuit 61	61					11080	11081	Analog Input	557	R		kVA		
kVA - Circuit 62	62					11082	11083	Analog Input	558	R		kVA		
kVA - Circuit 63	63					11084	11085	Analog Input	559	R		kVA		
kVA - Circuit 64	64					11086	11087	Analog Input	560	R		kVA		
kVA - Circuit 65	65					11088	11089	Analog Input	561	R		kVA		
kVA - Circuit 66	66					11090	11091	Analog Input	562	R		kVA		
kVA - Circuit 67	67					11092	11093	Analog Input	563	R		kVA		
kVA - Circuit 68	68					11094	11095	Analog Input	564	R		kVA		
kVA - Circuit 69	69					11096	11097	Analog Input	565	R		kVA		
kVA - Circuit 70	70					11098	11099	Analog Input	566	R		kVA		
kVA - Circuit 71	71					11100	11101	Analog Input	567	R		kVA		
kVA - Circuit 72	72					11102	11103	Analog Input	568	R		kVA		
kVA - Circuit 73	73					11104	11105	Analog Input	569	R		kVA		
kVA - Circuit 74	74					11106	11107	Analog Input	570	R		kVA		
kVA - Circuit 75	75					11108	11109	Analog Input	571	R		kVA		
kVA - Circuit 76	76					11110	11111	Analog Input	572	R		kVA		
kVA - Circuit 77	77					11112	11113	Analog Input	573	R		kVA		
kVA - Circuit 78	78					11114	11115	Analog Input	574	R		kVA		
kVA - Circuit 79	79					11116	11117	Analog Input	575	R		kVA		
kVA - Circuit 80	80					11118	11119	Analog Input	576	R		kVA		
kVA - Circuit 81	81					11120	11121	Analog Input	577	R		kVA		
kVA - Circuit 82	82					11122	11123	Analog Input	578	R		kVA		
kVA - Circuit 83	83					11124	11125	Analog Input	579	R		kVA		
kVA - Circuit 84	84					11126	11127	Analog Input	580	R		kVA		
kVA - Circuit 85	85					11128	11129	Analog Input	581	R		kVA		
kVA - Circuit 86	86					11130	11131	Analog Input	582	R		kVA		
kVA - Circuit 87	87					11132	11133	Analog Input	583	R		kVA		
kVA - Circuit 88	88					11134	11135	Analog Input	584	R		kVA		
kVA - Circuit 89	89					11136	11137	Analog Input	585	R		kVA		
kVA - Circuit 90	90					11138	11139	Analog Input	586	R		kVA		
kVA - Circuit 91	91					11140	11141	Analog Input	587	R		kVA		
kVA - Circuit 92	92					11142	11143	Analog Input	588	R		kVA		
kVA - Circuit 93	93					11144	11145	Analog Input	589	R		kVA		
kVA - Circuit 94	94					11146	11147	Analog Input	590	R		kVA		
kVA - Circuit 95	95					11148	11149	Analog Input	591	R		kVA		
kVA - Circuit 96	96					11150	11151	Analog Input	592	R		kVA		
Current						11152	11343	Analog Input	593 - 688	R		Amps		
Current - Circuit 1	1					11152	11153	Analog Input	593	R		Amps		
Current - Circuit 2	2					11154	11155	Analog Input	594	R		Amps		
Current - Circuit 3	3					11156	11157	Analog Input	595	R		Amps		
Current - Circuit 4	4					11158	11159	Analog Input	596	R		Amps		
Current - Circuit 5	5					11160	11161	Analog Input	597	R		Amps		
Current - Circuit 6	6					11162	11163	Analog Input	598	R		Amps		
Current - Circuit 7	7					11164	11165	Analog Input	599	R		Amps		
Current - Circuit 8	8					11166	11167	Analog Input	600	R		Amps		
Current - Circuit 9	9					11168	11169	Analog Input	601	R		Amps		
Current - Circuit 10	10					11170	11171	Analog Input	602	R		Amps		
Current - Circuit 11	11					11172	11173	Analog Input	603	R		Amps		
Current - Circuit 12	12					11174	11175	Analog Input	604	R		Amps		
Current - Circuit 13	13					11176	11177	Analog Input	605	R		Amps		
Current - Circuit 14	14					11178	11179	Analog Input	606	R		Amps		
Current - Circuit 15	15					11180	11181	Analog Input	607	R		Amps		
Current - Circuit 16	16					11182	11183	Analog Input	608	R		Amps		
Current - Circuit 17	17					11184	11185	Analog Input	609	R		Amps		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Current - Circuit 18	18					11186	11187	Analog Input	610	R		Amps		
Current - Circuit 19	19					11188	11189	Analog Input	611	R		Amps		
Current - Circuit 20	20					11190	11191	Analog Input	612	R		Amps		
Current - Circuit 21	21					11192	11193	Analog Input	613	R		Amps		
Current - Circuit 22	22					11194	11195	Analog Input	614	R		Amps		
Current - Circuit 23	23					11196	11197	Analog Input	615	R		Amps		
Current - Circuit 24	24					11198	11199	Analog Input	616	R		Amps		
Current - Circuit 25	25					11200	11201	Analog Input	617	R		Amps		
Current - Circuit 26	26					11202	11203	Analog Input	618	R		Amps		
Current - Circuit 27	27					11204	11205	Analog Input	619	R		Amps		
Current - Circuit 28	28					11206	11207	Analog Input	620	R		Amps		
Current - Circuit 29	29					11208	11209	Analog Input	621	R		Amps		
Current - Circuit 30	30					11210	11211	Analog Input	622	R		Amps		
Current - Circuit 31	31					11212	11213	Analog Input	623	R		Amps		
Current - Circuit 32	32					11214	11215	Analog Input	624	R		Amps		
Current - Circuit 33	33					11216	11217	Analog Input	625	R		Amps		
Current - Circuit 34	34					11218	11219	Analog Input	626	R		Amps		
Current - Circuit 35	35					11220	11221	Analog Input	627	R		Amps		
Current - Circuit 36	36					11222	11223	Analog Input	628	R		Amps		
Current - Circuit 37	37					11224	11225	Analog Input	629	R		Amps		
Current - Circuit 38	38					11226	11227	Analog Input	630	R		Amps		
Current - Circuit 39	39					11228	11229	Analog Input	631	R		Amps		
Current - Circuit 40	40					11230	11231	Analog Input	632	R		Amps		
Current - Circuit 41	41					11232	11233	Analog Input	633	R		Amps		
Current - Circuit 42	42					11234	11235	Analog Input	634	R		Amps		
Current - Circuit 43	43					11236	11237	Analog Input	635	R		Amps		
Current - Circuit 44	44					11238	11239	Analog Input	636	R		Amps		
Current - Circuit 45	45					11240	11241	Analog Input	637	R		Amps		
Current - Circuit 46	46					11242	11243	Analog Input	638	R		Amps		
Current - Circuit 47	47					11244	11245	Analog Input	639	R		Amps		
Current - Circuit 48	48					11246	11247	Analog Input	640	R		Amps		
Current - Circuit 49	49					11248	11249	Analog Input	641	R		Amps		
Current - Circuit 50	50					11250	11251	Analog Input	642	R		Amps		
Current - Circuit 51	51					11252	11253	Analog Input	643	R		Amps		
Current - Circuit 52	52					11254	11255	Analog Input	644	R		Amps		
Current - Circuit 53	53					11256	11257	Analog Input	645	R		Amps		
Current - Circuit 54	54					11258	11259	Analog Input	646	R		Amps		
Current - Circuit 55	55					11260	11261	Analog Input	647	R		Amps		
Current - Circuit 56	56					11262	11263	Analog Input	648	R		Amps		
Current - Circuit 57	57					11264	11265	Analog Input	649	R		Amps		
Current - Circuit 58	58					11266	11267	Analog Input	650	R		Amps		
Current - Circuit 59	59					11268	11269	Analog Input	651	R		Amps		
Current - Circuit 60	60					11270	11271	Analog Input	652	R		Amps		
Current - Circuit 61	61					11272	11273	Analog Input	653	R		Amps		
Current - Circuit 62	62					11274	11275	Analog Input	654	R		Amps		
Current - Circuit 63	63					11276	11277	Analog Input	655	R		Amps		
Current - Circuit 64	64					11278	11279	Analog Input	656	R		Amps		
Current - Circuit 65	65					11280	11281	Analog Input	657	R		Amps		
Current - Circuit 66	66					11282	11283	Analog Input	658	R		Amps		
Current - Circuit 67	67					11284	11285	Analog Input	659	R		Amps		
Current - Circuit 68	68					11286	11287	Analog Input	660	R		Amps		
Current - Circuit 69	69					11288	11289	Analog Input	661	R		Amps		
Current - Circuit 70	70					11290	11291	Analog Input	662	R		Amps		
Current - Circuit 71	71					11292	11293	Analog Input	663	R		Amps		
Current - Circuit 72	72					11294	11295	Analog Input	664	R		Amps		
Current - Circuit 73	73					11296	11297	Analog Input	665	R		Amps		
Current - Circuit 74	74					11298	11299	Analog Input	666	R		Amps		
Current - Circuit 75	75					11300	11301	Analog Input	667	R		Amps		
Current - Circuit 76	76					11302	11303	Analog Input	668	R		Amps		

		Modbus Registers					Bacnet Objects						
		Integer				Float							
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Current - Circuit 77	77					11304	11305	Analog Input	669	R		Amps		
Current - Circuit 78	78					11306	11307	Analog Input	670	R		Amps		
Current - Circuit 79	79					11308	11309	Analog Input	671	R		Amps		
Current - Circuit 80	80					11310	11311	Analog Input	672	R		Amps		
Current - Circuit 81	81					11312	11313	Analog Input	673	R		Amps		
Current - Circuit 82	82					11314	11315	Analog Input	674	R		Amps		
Current - Circuit 83	83					11316	11317	Analog Input	675	R		Amps		
Current - Circuit 84	84					11318	11319	Analog Input	676	R		Amps		
Current - Circuit 85	85					11320	11321	Analog Input	677	R		Amps		
Current - Circuit 86	86					11322	11323	Analog Input	678	R		Amps		
Current - Circuit 87	87					11324	11325	Analog Input	679	R		Amps		
Current - Circuit 88	88					11326	11327	Analog Input	680	R		Amps		
Current - Circuit 89	89					11328	11329	Analog Input	681	R		Amps		
Current - Circuit 90	90					11330	11331	Analog Input	682	R		Amps		
Current - Circuit 91	91					11332	11333	Analog Input	683	R		Amps		
Current - Circuit 92	92					11334	11335	Analog Input	684	R		Amps		
Current - Circuit 93	93					11336	11337	Analog Input	685	R		Amps		
Current - Circuit 94	94					11338	11339	Analog Input	686	R		Amps		
Current - Circuit 95	95					11340	11341	Analog Input	687	R		Amps		
Current - Circuit 96	96					11342	11343	Analog Input	688	R		Amps		
Power Factor						11344	11535	Analog Input	689 - 784	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 1	1					11344	11345	Analog Input	689	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 2	2					11346	11347	Analog Input	690	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 3	3					11348	11349	Analog Input	691	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 4	4					11350	11351	Analog Input	692	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 5	5					11352	11353	Analog Input	693	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 6	6					11354	11355	Analog Input	694	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 7	7					11356	11357	Analog Input	695	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 8	8					11358	11359	Analog Input	696	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 9	9					11360	11361	Analog Input	697	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 10	10					11362	11363	Analog Input	698	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 11	11					11364	11365	Analog Input	699	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 12	12					11366	11367	Analog Input	700	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 13	13					11368	11369	Analog Input	701	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 14	14					11370	11371	Analog Input	702	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 15	15					11372	11373	Analog Input	703	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 16	16					11374	11375	Analog Input	704	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 17	17					11376	11377	Analog Input	705	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 18	18					11378	11379	Analog Input	706	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 19	19					11380	11381	Analog Input	707	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 20	20					11382	11383	Analog Input	708	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 21	21					11384	11385	Analog Input	709	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 22	22					11386	11387	Analog Input	710	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 23	23					11388	11389	Analog Input	711	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 24	24					11390	11391	Analog Input	712	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 25	25					11392	11393	Analog Input	713	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 26	26					11394	11395	Analog Input	714	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 27	27					11396	11397	Analog Input	715	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 28	28					11398	11399	Analog Input	716	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 29	29					11400	11401	Analog Input	717	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 30	30					11402	11403	Analog Input	718	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 31	31					11404	11405	Analog Input	719	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 32	32					11406	11407	Analog Input	720	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 33	33					11408	11409	Analog Input	721	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 34	34					11410	11411	Analog Input	722	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 35	35					11412	11413	Analog Input	723	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 36	36					11414	11415	Analog Input	724	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Power Factor - Circuit 37	37					11416	11417	Analog Input	725	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 38	38					11418	11419	Analog Input	726	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 39	39					11420	11421	Analog Input	727	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 40	40					11422	11423	Analog Input	728	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 41	41					11424	11425	Analog Input	729	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 42	42					11426	11427	Analog Input	730	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 43	43					11428	11429	Analog Input	731	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 44	44					11430	11431	Analog Input	732	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 45	45					11432	11433	Analog Input	733	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 46	46					11434	11435	Analog Input	734	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 47	47					11436	11437	Analog Input	735	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 48	48					11438	11439	Analog Input	736	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 49	49					11440	11441	Analog Input	737	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 50	50					11442	11443	Analog Input	738	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 51	51					11444	11445	Analog Input	739	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 52	52					11446	11447	Analog Input	740	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 53	53					11448	11449	Analog Input	741	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 54	54					11450	11451	Analog Input	742	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 55	55					11452	11453	Analog Input	743	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 56	56					11454	11455	Analog Input	744	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 57	57					11456	11457	Analog Input	745	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 58	58					11458	11459	Analog Input	746	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 59	59					11460	11461	Analog Input	747	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 60	60					11462	11463	Analog Input	748	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 61	61					11464	11465	Analog Input	749	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 62	62					11466	11467	Analog Input	750	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 63	63					11468	11469	Analog Input	751	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 64	64					11470	11471	Analog Input	752	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 65	65					11472	11473	Analog Input	753	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 66	66					11474	11475	Analog Input	754	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 67	67					11476	11477	Analog Input	755	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 68	68					11478	11479	Analog Input	756	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 69	69					11480	11481	Analog Input	757	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 70	70					11482	11483	Analog Input	758	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 71	71					11484	11485	Analog Input	759	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 72	72					11486	11487	Analog Input	760	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 73	73					11488	11489	Analog Input	761	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 74	74					11490	11491	Analog Input	762	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 75	75					11492	11493	Analog Input	763	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 76	76					11494	11495	Analog Input	764	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 77	77					11496	11497	Analog Input	765	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 78	78					11498	11499	Analog Input	766	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 79	79					11500	11501	Analog Input	767	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 80	80					11502	11503	Analog Input	768	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 81	81					11504	11505	Analog Input	769	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 82	82					11506	11507	Analog Input	770	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 83	83					11508	11509	Analog Input	771	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 84	84					11510	11511	Analog Input	772	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 85	85					11512	11513	Analog Input	773	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 86	86					11514	11515	Analog Input	774	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 87	87					11516	11517	Analog Input	775	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 88	88					11518	11519	Analog Input	776	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 89	89					11520	11521	Analog Input	777	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 90	90					11522	11523	Analog Input	778	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 91	91					11524	11525	Analog Input	779	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 92	92					11526	11527	Analog Input	780	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 93	93					11528	11529	Analog Input	781	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 94	94					11530	11531	Analog Input	782	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Power Factor - Circuit 95	95					11532	11533	Analog Input	783	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Power Factor - Circuit 96	96					11534	11535	Analog Input	784	R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Current Angle						11536	11727	Analog Input	785 - 880	R		Degrees	-180° - 180°	*Referenced to Assigned Voltage Phase*
Current Angle- Circuit 1	1					11536	11537	Analog Input	785	R		Degrees		
Current Angle- Circuit 2	2					11538	11539	Analog Input	786	R		Degrees		
Current Angle- Circuit 3	3					11540	11541	Analog Input	787	R		Degrees		
Current Angle- Circuit 4	4					11542	11543	Analog Input	788	R		Degrees		
Current Angle- Circuit 5	5					11544	11545	Analog Input	789	R		Degrees		
Current Angle- Circuit 6	6					11546	11547	Analog Input	790	R		Degrees		
Current Angle- Circuit 7	7					11548	11549	Analog Input	791	R		Degrees		
Current Angle- Circuit 8	8					11550	11551	Analog Input	792	R		Degrees		
Current Angle- Circuit 9	9					11552	11553	Analog Input	793	R		Degrees		
Current Angle- Circuit 10	10					11554	11555	Analog Input	794	R		Degrees		
Current Angle- Circuit 11	11					11556	11557	Analog Input	795	R		Degrees		
Current Angle- Circuit 12	12					11558	11559	Analog Input	796	R		Degrees		
Current Angle- Circuit 13	13					11560	11561	Analog Input	797	R		Degrees		
Current Angle- Circuit 14	14					11562	11563	Analog Input	798	R		Degrees		
Current Angle- Circuit 15	15					11564	11565	Analog Input	799	R		Degrees		
Current Angle- Circuit 16	16					11566	11567	Analog Input	800	R		Degrees		
Current Angle- Circuit 17	17					11568	11569	Analog Input	801	R		Degrees		
Current Angle- Circuit 18	18					11570	11571	Analog Input	802	R		Degrees		
Current Angle- Circuit 19	19					11572	11573	Analog Input	803	R		Degrees		
Current Angle- Circuit 20	20					11574	11575	Analog Input	804	R		Degrees		
Current Angle- Circuit 21	21					11576	11577	Analog Input	805	R		Degrees		
Current Angle- Circuit 22	22					11578	11579	Analog Input	806	R		Degrees		
Current Angle- Circuit 23	23					11580	11581	Analog Input	807	R		Degrees		
Current Angle- Circuit 24	24					11582	11583	Analog Input	808	R		Degrees		
Current Angle- Circuit 25	25					11584	11585	Analog Input	809	R		Degrees		
Current Angle- Circuit 26	26					11586	11587	Analog Input	810	R		Degrees		
Current Angle- Circuit 27	27					11588	11589	Analog Input	811	R		Degrees		
Current Angle- Circuit 28	28					11590	11591	Analog Input	812	R		Degrees		
Current Angle- Circuit 29	29					11592	11593	Analog Input	813	R		Degrees		
Current Angle- Circuit 30	30					11594	11595	Analog Input	814	R		Degrees		
Current Angle- Circuit 31	31					11596	11597	Analog Input	815	R		Degrees		
Current Angle- Circuit 32	32					11598	11599	Analog Input	816	R		Degrees		
Current Angle- Circuit 33	33					11600	11601	Analog Input	817	R		Degrees		
Current Angle- Circuit 34	34					11602	11603	Analog Input	818	R		Degrees		
Current Angle- Circuit 35	35					11604	11605	Analog Input	819	R		Degrees		
Current Angle- Circuit 36	36					11606	11607	Analog Input	820	R		Degrees		
Current Angle- Circuit 37	37					11608	11609	Analog Input	821	R		Degrees		
Current Angle- Circuit 38	38					11610	11611	Analog Input	822	R		Degrees		
Current Angle- Circuit 39	39					11612	11613	Analog Input	823	R		Degrees		
Current Angle- Circuit 40	40					11614	11615	Analog Input	824	R		Degrees		
Current Angle- Circuit 41	41					11616	11617	Analog Input	825	R		Degrees		
Current Angle- Circuit 42	42					11618	11619	Analog Input	826	R		Degrees		
Current Angle- Circuit 43	43					11620	11621	Analog Input	827	R		Degrees		
Current Angle- Circuit 44	44					11622	11623	Analog Input	828	R		Degrees		
Current Angle- Circuit 45	45					11624	11625	Analog Input	829	R		Degrees		
Current Angle- Circuit 46	46					11626	11627	Analog Input	830	R		Degrees		
Current Angle- Circuit 47	47					11628	11629	Analog Input	831	R		Degrees		
Current Angle- Circuit 48	48					11630	11631	Analog Input	832	R		Degrees		
Current Angle- Circuit 49	49					11632	11633	Analog Input	833	R		Degrees		
Current Angle- Circuit 50	50					11634	11635	Analog Input	834	R		Degrees		
Current Angle- Circuit 51	51					11636	11637	Analog Input	835	R		Degrees		
Current Angle- Circuit 52	52					11638	11639	Analog Input	836	R		Degrees		
Current Angle- Circuit 53	53					11640	11641	Analog Input	837	R		Degrees		
Current Angle- Circuit 54	54					11642	11643	Analog Input	838	R		Degrees		
Current Angle- Circuit 55	55					11644	11645	Analog Input	839	R		Degrees		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Current Angle- Circuit 56	56					11646	11647	Analog Input	840	R		Degrees		
Current Angle- Circuit 57	57					11648	11649	Analog Input	841	R		Degrees		
Current Angle- Circuit 58	58					11650	11651	Analog Input	842	R		Degrees		
Current Angle- Circuit 59	59					11652	11653	Analog Input	843	R		Degrees		
Current Angle- Circuit 60	60					11654	11655	Analog Input	844	R		Degrees		
Current Angle- Circuit 61	61					11656	11657	Analog Input	845	R		Degrees		
Current Angle- Circuit 62	62					11658	11659	Analog Input	846	R		Degrees		
Current Angle- Circuit 63	63					11660	11661	Analog Input	847	R		Degrees		
Current Angle- Circuit 64	64					11662	11663	Analog Input	848	R		Degrees		
Current Angle- Circuit 65	65					11664	11665	Analog Input	849	R		Degrees		
Current Angle- Circuit 66	66					11666	11667	Analog Input	850	R		Degrees		
Current Angle- Circuit 67	67					11668	11669	Analog Input	851	R		Degrees		
Current Angle- Circuit 68	68					11670	11671	Analog Input	852	R		Degrees		
Current Angle- Circuit 69	69					11672	11673	Analog Input	853	R		Degrees		
Current Angle- Circuit 70	70					11674	11675	Analog Input	854	R		Degrees		
Current Angle- Circuit 71	71					11676	11677	Analog Input	855	R		Degrees		
Current Angle- Circuit 72	72					11678	11679	Analog Input	856	R		Degrees		
Current Angle- Circuit 73	73					11680	11681	Analog Input	857	R		Degrees		
Current Angle- Circuit 74	74					11682	11683	Analog Input	858	R		Degrees		
Current Angle- Circuit 75	75					11684	11685	Analog Input	859	R		Degrees		
Current Angle- Circuit 76	76					11686	11687	Analog Input	860	R		Degrees		
Current Angle- Circuit 77	77					11688	11689	Analog Input	861	R		Degrees		
Current Angle- Circuit 78	78					11690	11691	Analog Input	862	R		Degrees		
Current Angle- Circuit 79	79					11692	11693	Analog Input	863	R		Degrees		
Current Angle- Circuit 80	80					11694	11695	Analog Input	864	R		Degrees		
Current Angle- Circuit 81	81					11696	11697	Analog Input	865	R		Degrees		
Current Angle- Circuit 82	82					11698	11699	Analog Input	866	R		Degrees		
Current Angle- Circuit 83	83					11700	11701	Analog Input	867	R		Degrees		
Current Angle- Circuit 84	84					11702	11703	Analog Input	868	R		Degrees		
Current Angle- Circuit 85	85					11704	11705	Analog Input	869	R		Degrees		
Current Angle- Circuit 86	86					11706	11707	Analog Input	870	R		Degrees		
Current Angle- Circuit 87	87					11708	11709	Analog Input	871	R		Degrees		
Current Angle- Circuit 88	88					11710	11711	Analog Input	872	R		Degrees		
Current Angle- Circuit 89	89					11712	11713	Analog Input	873	R		Degrees		
Current Angle- Circuit 90	90					11714	11715	Analog Input	874	R		Degrees		
Current Angle- Circuit 91	91					11716	11717	Analog Input	875	R		Degrees		
Current Angle- Circuit 92	92					11718	11719	Analog Input	876	R		Degrees		
Current Angle- Circuit 93	93					11720	11721	Analog Input	877	R		Degrees		
Current Angle- Circuit 94	94					11722	11723	Analog Input	878	R		Degrees		
Current Angle- Circuit 95	95					11724	11725	Analog Input	879	R		Degrees		
Current Angle- Circuit 96	96					11726	11727	Analog Input	880	R		Degrees		
Percent THD						11728	11919	Analog Input	681 - 976	R		Percent		
Percent THD - Circuit 1	1					11728	11729	Analog Input	881	R		Percent		
Percent THD - Circuit 2	2					11730	11731	Analog Input	882	R		Percent		
Percent THD - Circuit 3	3					11732	11733	Analog Input	883	R		Percent		
Percent THD - Circuit 4	4					11734	11735	Analog Input	884	R		Percent		
Percent THD - Circuit 5	5					11736	11737	Analog Input	885	R		Percent		
Percent THD - Circuit 6	6					11738	11739	Analog Input	886	R		Percent		
Percent THD - Circuit 7	7					11740	11741	Analog Input	887	R		Percent		
Percent THD - Circuit 8	8					11742	11743	Analog Input	888	R		Percent		
Percent THD - Circuit 9	9					11744	11745	Analog Input	889	R		Percent		
Percent THD - Circuit 10	10					11746	11747	Analog Input	890	R		Percent		
Percent THD - Circuit 11	11					11748	11749	Analog Input	891	R		Percent		
Percent THD - Circuit 12	12					11750	11751	Analog Input	892	R		Percent		
Percent THD - Circuit 13	13					11752	11753	Analog Input	893	R		Percent		
Percent THD - Circuit 14	14					11754	11755	Analog Input	894	R		Percent		
Percent THD - Circuit 15	15					11756	11757	Analog Input	895	R		Percent		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Percent THD - Circuit 16	16					11758	11759	Analog Input	896	R		Percent		
Percent THD - Circuit 17	17					11760	11761	Analog Input	897	R		Percent		
Percent THD - Circuit 18	18					11762	11763	Analog Input	898	R		Percent		
Percent THD - Circuit 19	19					11764	11765	Analog Input	899	R		Percent		
Percent THD - Circuit 20	20					11766	11767	Analog Input	900	R		Percent		
Percent THD - Circuit 21	21					11768	11769	Analog Input	901	R		Percent		
Percent THD - Circuit 22	22					11770	11771	Analog Input	902	R		Percent		
Percent THD - Circuit 23	23					11772	11773	Analog Input	903	R		Percent		
Percent THD - Circuit 24	24					11774	11775	Analog Input	904	R		Percent		
Percent THD - Circuit 25	25					11776	11777	Analog Input	905	R		Percent		
Percent THD - Circuit 26	26					11778	11779	Analog Input	906	R		Percent		
Percent THD - Circuit 27	27					11780	11781	Analog Input	907	R		Percent		
Percent THD - Circuit 28	28					11782	11783	Analog Input	908	R		Percent		
Percent THD - Circuit 29	29					11784	11785	Analog Input	909	R		Percent		
Percent THD - Circuit 30	30					11786	11787	Analog Input	910	R		Percent		
Percent THD - Circuit 31	31					11788	11789	Analog Input	911	R		Percent		
Percent THD - Circuit 32	32					11790	11791	Analog Input	912	R		Percent		
Percent THD - Circuit 33	33					11792	11793	Analog Input	913	R		Percent		
Percent THD - Circuit 34	34					11794	11795	Analog Input	914	R		Percent		
Percent THD - Circuit 35	35					11796	11797	Analog Input	915	R		Percent		
Percent THD - Circuit 36	36					11798	11799	Analog Input	916	R		Percent		
Percent THD - Circuit 37	37					11800	11801	Analog Input	917	R		Percent		
Percent THD - Circuit 38	38					11802	11803	Analog Input	918	R		Percent		
Percent THD - Circuit 39	39					11804	11805	Analog Input	919	R		Percent		
Percent THD - Circuit 40	40					11806	11807	Analog Input	920	R		Percent		
Percent THD - Circuit 41	41					11808	11809	Analog Input	921	R		Percent		
Percent THD - Circuit 42	42					11810	11811	Analog Input	922	R		Percent		
Percent THD - Circuit 43	43					11812	11813	Analog Input	923	R		Percent		
Percent THD - Circuit 44	44					11814	11815	Analog Input	924	R		Percent		
Percent THD - Circuit 45	45					11816	11817	Analog Input	925	R		Percent		
Percent THD - Circuit 46	46					11818	11819	Analog Input	926	R		Percent		
Percent THD - Circuit 47	47					11820	11821	Analog Input	927	R		Percent		
Percent THD - Circuit 48	48					11822	11823	Analog Input	928	R		Percent		
Percent THD - Circuit 49	49					11824	11825	Analog Input	929	R		Percent		
Percent THD - Circuit 50	50					11826	11827	Analog Input	930	R		Percent		
Percent THD - Circuit 51	51					11828	11829	Analog Input	931	R		Percent		
Percent THD - Circuit 52	52					11830	11831	Analog Input	932	R		Percent		
Percent THD - Circuit 53	53					11832	11833	Analog Input	933	R		Percent		
Percent THD - Circuit 54	54					11834	11835	Analog Input	934	R		Percent		
Percent THD - Circuit 55	55					11836	11837	Analog Input	935	R		Percent		
Percent THD - Circuit 56	56					11838	11839	Analog Input	936	R		Percent		
Percent THD - Circuit 57	57					11840	11841	Analog Input	937	R		Percent		
Percent THD - Circuit 58	58					11842	11843	Analog Input	938	R		Percent		
Percent THD - Circuit 59	59					11844	11845	Analog Input	939	R		Percent		
Percent THD - Circuit 60	60					11846	11847	Analog Input	940	R		Percent		
Percent THD - Circuit 61	61					11848	11849	Analog Input	941	R		Percent		
Percent THD - Circuit 62	62					11850	11851	Analog Input	942	R		Percent		
Percent THD - Circuit 63	63					11852	11853	Analog Input	943	R		Percent		
Percent THD - Circuit 64	64					11854	11855	Analog Input	944	R		Percent		
Percent THD - Circuit 65	65					11856	11857	Analog Input	945	R		Percent		
Percent THD - Circuit 66	66					11858	11859	Analog Input	946	R		Percent		
Percent THD - Circuit 67	67					11860	11861	Analog Input	947	R		Percent		
Percent THD - Circuit 68	68					11862	11863	Analog Input	948	R		Percent		
Percent THD - Circuit 69	69					11864	11865	Analog Input	949	R		Percent		
Percent THD - Circuit 70	70					11866	11867	Analog Input	950	R		Percent		
Percent THD - Circuit 71	71					11868	11869	Analog Input	951	R		Percent		
Percent THD - Circuit 72	72					11870	11871	Analog Input	952	R		Percent		
Percent THD - Circuit 73	73					11872	11873	Analog Input	953	R		Percent		
Percent THD - Circuit 74	74					11874	11875	Analog Input	954	R		Percent		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Percent THD - Circuit 75	75					11876	11877	Analog Input	955	R		Percent		
Percent THD - Circuit 76	76					11878	11879	Analog Input	956	R		Percent		
Percent THD - Circuit 77	77					11880	11881	Analog Input	957	R		Percent		
Percent THD - Circuit 78	78					11882	11883	Analog Input	958	R		Percent		
Percent THD - Circuit 79	79					11884	11885	Analog Input	959	R		Percent		
Percent THD - Circuit 80	80					11886	11887	Analog Input	960	R		Percent		
Percent THD - Circuit 81	81					11888	11889	Analog Input	961	R		Percent		
Percent THD - Circuit 82	82					11890	11891	Analog Input	962	R		Percent		
Percent THD - Circuit 83	83					11892	11893	Analog Input	963	R		Percent		
Percent THD - Circuit 84	84					11894	11895	Analog Input	964	R		Percent		
Percent THD - Circuit 85	85					11896	11897	Analog Input	965	R		Percent		
Percent THD - Circuit 86	86					11898	11899	Analog Input	966	R		Percent		
Percent THD - Circuit 87	87					11900	11901	Analog Input	967	R		Percent		
Percent THD - Circuit 88	88					11902	11903	Analog Input	968	R		Percent		
Percent THD - Circuit 89	89					11904	11905	Analog Input	969	R		Percent		
Percent THD - Circuit 90	90					11906	11907	Analog Input	970	R		Percent		
Percent THD - Circuit 91	91					11908	11909	Analog Input	971	R		Percent		
Percent THD - Circuit 92	92					11910	11911	Analog Input	972	R		Percent		
Percent THD - Circuit 93	93					11912	11913	Analog Input	973	R		Percent		
Percent THD - Circuit 94	94					11914	11915	Analog Input	974	R		Percent		
Percent THD - Circuit 95	95					11916	11917	Analog Input	975	R		Percent		
Percent THD - Circuit 96	96					11918	11919	Analog Input	976	R		Percent		
Max Current						11920	12111	Analog Input	977 - 1072	R	NV	Amps		
Max Current- Circuit 1	1					11920	11921	Analog Input	977	R	NV	Amps		
Max Current- Circuit 2	2					11922	11923	Analog Input	978	R	NV	Amps		
Max Current- Circuit 3	3					11924	11925	Analog Input	979	R	NV	Amps		
Max Current- Circuit 4	4					11926	11927	Analog Input	980	R	NV	Amps		
Max Current- Circuit 5	5					11928	11929	Analog Input	981	R	NV	Amps		
Max Current- Circuit 6	6					11930	11931	Analog Input	982	R	NV	Amps		
Max Current- Circuit 7	7					11932	11933	Analog Input	983	R	NV	Amps		
Max Current- Circuit 8	8					11934	11935	Analog Input	984	R	NV	Amps		
Max Current- Circuit 9	9					11936	11937	Analog Input	985	R	NV	Amps		
Max Current- Circuit 10	10					11938	11939	Analog Input	986	R	NV	Amps		
Max Current- Circuit 11	11					11940	11941	Analog Input	987	R	NV	Amps		
Max Current- Circuit 12	12					11942	11943	Analog Input	988	R	NV	Amps		
Max Current- Circuit 13	13					11944	11945	Analog Input	989	R	NV	Amps		
Max Current- Circuit 14	14					11946	11947	Analog Input	990	R	NV	Amps		
Max Current- Circuit 15	15					11948	11949	Analog Input	991	R	NV	Amps		
Max Current- Circuit 16	16					11950	11951	Analog Input	992	R	NV	Amps		
Max Current- Circuit 17	17					11952	11953	Analog Input	993	R	NV	Amps		
Max Current- Circuit 18	18					11954	11955	Analog Input	994	R	NV	Amps		
Max Current- Circuit 19	19					11956	11957	Analog Input	995	R	NV	Amps		
Max Current- Circuit 20	20					11958	11959	Analog Input	996	R	NV	Amps		
Max Current- Circuit 21	21					11960	11961	Analog Input	997	R	NV	Amps		
Max Current- Circuit 22	22					11962	11963	Analog Input	998	R	NV	Amps		
Max Current- Circuit 23	23					11964	11965	Analog Input	999	R	NV	Amps		
Max Current- Circuit 24	24					11966	11967	Analog Input	1000	R	NV	Amps		
Max Current- Circuit 25	25					11968	11969	Analog Input	1001	R	NV	Amps		
Max Current- Circuit 26	26					11970	11971	Analog Input	1002	R	NV	Amps		
Max Current- Circuit 27	27					11972	11973	Analog Input	1003	R	NV	Amps		
Max Current- Circuit 28	28					11974	11975	Analog Input	1004	R	NV	Amps		
Max Current- Circuit 29	29					11976	11977	Analog Input	1005	R	NV	Amps		
Max Current- Circuit 30	30					11978	11979	Analog Input	1006	R	NV	Amps		
Max Current- Circuit 31	31					11980	11981	Analog Input	1007	R	NV	Amps		
Max Current- Circuit 32	32					11982	11983	Analog Input	1008	R	NV	Amps		
Max Current- Circuit 33	33					11984	11985	Analog Input	1009	R	NV	Amps		
Max Current- Circuit 34	34					11986	11987	Analog Input	1010	R	NV	Amps		

		Modbus Registers					Bacnet Objects						
		Integer				Float							
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Max Current- Circuit 35	35					11988	11989	Analog Input	1011	R	NV	Amps		
Max Current- Circuit 36	36					11990	11991	Analog Input	1012	R	NV	Amps		
Max Current- Circuit 37	37					11992	11993	Analog Input	1013	R	NV	Amps		
Max Current- Circuit 38	38					11994	11995	Analog Input	1014	R	NV	Amps		
Max Current- Circuit 39	39					11996	11997	Analog Input	1015	R	NV	Amps		
Max Current- Circuit 40	40					11998	11999	Analog Input	1016	R	NV	Amps		
Max Current- Circuit 41	41					12000	12001	Analog Input	1017	R	NV	Amps		
Max Current- Circuit 42	42					12002	12003	Analog Input	1018	R	NV	Amps		
Max Current- Circuit 43	43					12004	12005	Analog Input	1019	R	NV	Amps		
Max Current- Circuit 44	44					12006	12007	Analog Input	1020	R	NV	Amps		
Max Current- Circuit 45	45					12008	12009	Analog Input	1021	R	NV	Amps		
Max Current- Circuit 46	46					12010	12011	Analog Input	1022	R	NV	Amps		
Max Current- Circuit 47	47					12012	12013	Analog Input	1023	R	NV	Amps		
Max Current- Circuit 48	48					12014	12015	Analog Input	1024	R	NV	Amps		
Max Current- Circuit 49	49					12016	12017	Analog Input	1025	R	NV	Amps		
Max Current- Circuit 50	50					12018	12019	Analog Input	1026	R	NV	Amps		
Max Current- Circuit 51	51					12020	12021	Analog Input	1027	R	NV	Amps		
Max Current- Circuit 52	52					12022	12023	Analog Input	1028	R	NV	Amps		
Max Current- Circuit 53	53					12024	12025	Analog Input	1029	R	NV	Amps		
Max Current- Circuit 54	54					12026	12027	Analog Input	1030	R	NV	Amps		
Max Current- Circuit 55	55					12028	12029	Analog Input	1031	R	NV	Amps		
Max Current- Circuit 56	56					12030	12031	Analog Input	1032	R	NV	Amps		
Max Current- Circuit 57	57					12032	12033	Analog Input	1033	R	NV	Amps		
Max Current- Circuit 58	58					12034	12035	Analog Input	1034	R	NV	Amps		
Max Current- Circuit 59	59					12036	12037	Analog Input	1035	R	NV	Amps		
Max Current- Circuit 60	60					12038	12039	Analog Input	1036	R	NV	Amps		
Max Current- Circuit 61	61					12040	12041	Analog Input	1037	R	NV	Amps		
Max Current- Circuit 62	62					12042	12043	Analog Input	1038	R	NV	Amps		
Max Current- Circuit 63	63					12044	12045	Analog Input	1039	R	NV	Amps		
Max Current- Circuit 64	64					12046	12047	Analog Input	1040	R	NV	Amps		
Max Current- Circuit 65	65					12048	12049	Analog Input	1041	R	NV	Amps		
Max Current- Circuit 66	66					12050	12051	Analog Input	1042	R	NV	Amps		
Max Current- Circuit 67	67					12052	12053	Analog Input	1043	R	NV	Amps		
Max Current- Circuit 68	68					12054	12055	Analog Input	1044	R	NV	Amps		
Max Current- Circuit 69	69					12056	12057	Analog Input	1045	R	NV	Amps		
Max Current- Circuit 70	70					12058	12059	Analog Input	1046	R	NV	Amps		
Max Current- Circuit 71	71					12060	12061	Analog Input	1047	R	NV	Amps		
Max Current- Circuit 72	72					12062	12063	Analog Input	1048	R	NV	Amps		
Max Current- Circuit 73	73					12064	12065	Analog Input	1049	R	NV	Amps		
Max Current- Circuit 74	74					12066	12067	Analog Input	1050	R	NV	Amps		
Max Current- Circuit 75	75					12068	12069	Analog Input	1051	R	NV	Amps		
Max Current- Circuit 76	76					12070	12071	Analog Input	1052	R	NV	Amps		
Max Current- Circuit 77	77					12072	12073	Analog Input	1053	R	NV	Amps		
Max Current- Circuit 78	78					12074	12075	Analog Input	1054	R	NV	Amps		
Max Current- Circuit 79	79					12076	12077	Analog Input	1055	R	NV	Amps		
Max Current- Circuit 80	80					12078	12079	Analog Input	1056	R	NV	Amps		
Max Current- Circuit 81	81					12080	12081	Analog Input	1057	R	NV	Amps		
Max Current- Circuit 82	82					12082	12083	Analog Input	1058	R	NV	Amps		
Max Current- Circuit 83	83					12084	12085	Analog Input	1059	R	NV	Amps		
Max Current- Circuit 84	84					12086	12087	Analog Input	1060	R	NV	Amps		
Max Current- Circuit 85	85					12088	12089	Analog Input	1061	R	NV	Amps		
Max Current- Circuit 86	86					12090	12091	Analog Input	1062	R	NV	Amps		
Max Current- Circuit 87	87					12092	12093	Analog Input	1063	R	NV	Amps		
Max Current- Circuit 88	88					12094	12095	Analog Input	1064	R	NV	Amps		
Max Current- Circuit 89	89					12096	12097	Analog Input	1065	R	NV	Amps		
Max Current- Circuit 90	90					12098	12099	Analog Input	1066	R	NV	Amps		
Max Current- Circuit 91	91					12100	12101	Analog Input	1067	R	NV	Amps		
Max Current- Circuit 92	92					12102	12103	Analog Input	1068	R	NV	Amps		
Max Current- Circuit 93	93					12104	12105	Analog Input	1069	R	NV	Amps		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Max Current- Circuit 94	94					12106	12107	Analog Input	1070	R	NV	Amps		
Max Current- Circuit 95	95					12108	12109	Analog Input	1071	R	NV	Amps		
Max Current- Circuit 96	96					12110	12111	Analog Input	1072	R	NV	Amps		
Max kW						12112	12303	Analog Input	1073 - 1068	R	NV	kW		
Max kW- Circuit 1	1					12112	12113	Analog Input	1073	R	NV	kW		
Max kW- Circuit 2	2					12114	12115	Analog Input	1074	R	NV	kW		
Max kW- Circuit 3	3					12116	12117	Analog Input	1075	R	NV	kW		
Max kW- Circuit 4	4					12118	12119	Analog Input	1076	R	NV	kW		
Max kW- Circuit 5	5					12120	12121	Analog Input	1077	R	NV	kW		
Max kW- Circuit 6	6					12122	12123	Analog Input	1078	R	NV	kW		
Max kW- Circuit 7	7					12124	12125	Analog Input	1079	R	NV	kW		
Max kW- Circuit 8	8					12126	12127	Analog Input	1080	R	NV	kW		
Max kW- Circuit 9	9					12128	12129	Analog Input	1081	R	NV	kW		
Max kW- Circuit 10	10					12130	12131	Analog Input	1082	R	NV	kW		
Max kW- Circuit 11	11					12132	12133	Analog Input	1083	R	NV	kW		
Max kW- Circuit 12	12					12134	12135	Analog Input	1084	R	NV	kW		
Max kW- Circuit 13	13					12136	12137	Analog Input	1085	R	NV	kW		
Max kW- Circuit 14	14					12138	12139	Analog Input	1086	R	NV	kW		
Max kW- Circuit 15	15					12140	12141	Analog Input	1087	R	NV	kW		
Max kW- Circuit 16	16					12142	12143	Analog Input	1088	R	NV	kW		
Max kW- Circuit 17	17					12144	12145	Analog Input	1089	R	NV	kW		
Max kW- Circuit 18	18					12146	12147	Analog Input	1090	R	NV	kW		
Max kW- Circuit 19	19					12148	12149	Analog Input	1091	R	NV	kW		
Max kW- Circuit 20	20					12150	12151	Analog Input	1092	R	NV	kW		
Max kW- Circuit 21	21					12152	12153	Analog Input	1093	R	NV	kW		
Max kW- Circuit 22	22					12154	12155	Analog Input	1094	R	NV	kW		
Max kW- Circuit 23	23					12156	12157	Analog Input	1095	R	NV	kW		
Max kW- Circuit 24	24					12158	12159	Analog Input	1096	R	NV	kW		
Max kW- Circuit 25	25					12160	12161	Analog Input	1097	R	NV	kW		
Max kW- Circuit 26	26					12162	12163	Analog Input	1098	R	NV	kW		
Max kW- Circuit 27	27					12164	12165	Analog Input	1099	R	NV	kW		
Max kW- Circuit 28	28					12166	12167	Analog Input	1100	R	NV	kW		
Max kW- Circuit 29	29					12168	12169	Analog Input	1101	R	NV	kW		
Max kW- Circuit 30	30					12170	12171	Analog Input	1102	R	NV	kW		
Max kW- Circuit 31	31					12172	12173	Analog Input	1103	R	NV	kW		
Max kW- Circuit 32	32					12174	12175	Analog Input	1104	R	NV	kW		
Max kW- Circuit 33	33					12176	12177	Analog Input	1105	R	NV	kW		
Max kW- Circuit 34	34					12178	12179	Analog Input	1106	R	NV	kW		
Max kW- Circuit 35	35					12180	12181	Analog Input	1107	R	NV	kW		
Max kW- Circuit 36	36					12182	12183	Analog Input	1108	R	NV	kW		
Max kW- Circuit 37	37					12184	12185	Analog Input	1109	R	NV	kW		
Max kW- Circuit 38	38					12186	12187	Analog Input	1110	R	NV	kW		
Max kW- Circuit 39	39					12188	12189	Analog Input	1111	R	NV	kW		
Max kW- Circuit 40	40					12190	12191	Analog Input	1112	R	NV	kW		
Max kW- Circuit 41	41					12192	12193	Analog Input	1113	R	NV	kW		
Max kW- Circuit 42	42					12194	12195	Analog Input	1114	R	NV	kW		
Max kW- Circuit 43	43					12196	12197	Analog Input	1115	R	NV	kW		
Max kW- Circuit 44	44					12198	12199	Analog Input	1116	R	NV	kW		
Max kW- Circuit 45	45					12200	12201	Analog Input	1117	R	NV	kW		
Max kW- Circuit 46	46					12202	12203	Analog Input	1118	R	NV	kW		
Max kW- Circuit 47	47					12204	12205	Analog Input	1119	R	NV	kW		
Max kW- Circuit 48	48					12206	12207	Analog Input	1120	R	NV	kW		
Max kW- Circuit 49	49					12208	12209	Analog Input	1121	R	NV	kW		
Max kW- Circuit 50	50					12210	12211	Analog Input	1122	R	NV	kW		
Max kW- Circuit 51	51					12212	12213	Analog Input	1123	R	NV	kW		
Max kW- Circuit 52	52					12214	12215	Analog Input	1124	R	NV	kW		
Max kW- Circuit 53	53					12216	12217	Analog Input	1125	R	NV	kW		
Max kW- Circuit 54	54					12218	12219	Analog Input	1126	R	NV	kW		

		Modbus Registers												
		Integer				Float		Bacnet Objects						
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Max kW- Circuit 55	55					12220	12221	Analog Input	1127	R	NV	kW		
Max kW- Circuit 56	56					12222	12223	Analog Input	1128	R	NV	kW		
Max kW- Circuit 57	57					12224	12225	Analog Input	1129	R	NV	kW		
Max kW- Circuit 58	58					12226	12227	Analog Input	1130	R	NV	kW		
Max kW- Circuit 59	59					12228	12229	Analog Input	1131	R	NV	kW		
Max kW- Circuit 60	60					12230	12231	Analog Input	1132	R	NV	kW		
Max kW- Circuit 61	61					12232	12233	Analog Input	1133	R	NV	kW		
Max kW- Circuit 62	62					12234	12235	Analog Input	1134	R	NV	kW		
Max kW- Circuit 63	63					12236	12237	Analog Input	1135	R	NV	kW		
Max kW- Circuit 64	64					12238	12239	Analog Input	1136	R	NV	kW		
Max kW- Circuit 65	65					12240	12241	Analog Input	1137	R	NV	kW		
Max kW- Circuit 66	66					12242	12243	Analog Input	1138	R	NV	kW		
Max kW- Circuit 67	67					12244	12245	Analog Input	1139	R	NV	kW		
Max kW- Circuit 68	68					12246	12247	Analog Input	1140	R	NV	kW		
Max kW- Circuit 69	69					12248	12249	Analog Input	1141	R	NV	kW		
Max kW- Circuit 70	70					12250	12251	Analog Input	1142	R	NV	kW		
Max kW- Circuit 71	71					12252	12253	Analog Input	1143	R	NV	kW		
Max kW- Circuit 72	72					12254	12255	Analog Input	1144	R	NV	kW		
Max kW- Circuit 73	73					12256	12257	Analog Input	1145	R	NV	kW		
Max kW- Circuit 74	74					12258	12259	Analog Input	1146	R	NV	kW		
Max kW- Circuit 75	75					12260	12261	Analog Input	1147	R	NV	kW		
Max kW- Circuit 76	76					12262	12263	Analog Input	1148	R	NV	kW		
Max kW- Circuit 77	77					12264	12265	Analog Input	1149	R	NV	kW		
Max kW- Circuit 78	78					12266	12267	Analog Input	1150	R	NV	kW		
Max kW- Circuit 79	79					12268	12269	Analog Input	1151	R	NV	kW		
Max kW- Circuit 80	80					12270	12271	Analog Input	1152	R	NV	kW		
Max kW- Circuit 81	81					12272	12273	Analog Input	1153	R	NV	kW		
Max kW- Circuit 82	82					12274	12275	Analog Input	1154	R	NV	kW		
Max kW- Circuit 83	83					12276	12277	Analog Input	1155	R	NV	kW		
Max kW- Circuit 84	84					12278	12279	Analog Input	1156	R	NV	kW		
Max kW- Circuit 85	85					12280	12281	Analog Input	1157	R	NV	kW		
Max kW- Circuit 86	86					12282	12283	Analog Input	1158	R	NV	kW		
Max kW- Circuit 87	87					12284	12285	Analog Input	1159	R	NV	kW		
Max kW- Circuit 88	88					12286	12287	Analog Input	1160	R	NV	kW		
Max kW- Circuit 89	89					12288	12289	Analog Input	1161	R	NV	kW		
Max kW- Circuit 90	90					12290	12291	Analog Input	1162	R	NV	kW		
Max kW- Circuit 91	91					12292	12293	Analog Input	1163	R	NV	kW		
Max kW- Circuit 92	92					12294	12295	Analog Input	1164	R	NV	kW		
Max kW- Circuit 93	93					12296	12297	Analog Input	1165	R	NV	kW		
Max kW- Circuit 94	94					12298	12299	Analog Input	1166	R	NV	kW		
Max kW- Circuit 95	95					12300	12301	Analog Input	1167	R	NV	kW		
Max kW- Circuit 96	96					12302	12303	Analog Input	1168	R	NV	kW		
Current Demand						12304	12495	Analog Input	1169 - 1264	R		Amps		
Current Demand- Circuit 1	1					12304	12305	Analog Input	1169	R		Amps		
Current Demand- Circuit 2	2					12306	12307	Analog Input	1170	R		Amps		
Current Demand- Circuit 3	3					12308	12309	Analog Input	1171	R		Amps		
Current Demand- Circuit 4	4					12310	12311	Analog Input	1172	R		Amps		
Current Demand- Circuit 5	5					12312	12313	Analog Input	1173	R		Amps		
Current Demand- Circuit 6	6					12314	12315	Analog Input	1174	R		Amps		
Current Demand- Circuit 7	7					12316	12317	Analog Input	1175	R		Amps		
Current Demand- Circuit 8	8					12318	12319	Analog Input	1176	R		Amps		
Current Demand- Circuit 9	9					12320	12321	Analog Input	1177	R		Amps		
Current Demand- Circuit 10	10					12322	12323	Analog Input	1178	R		Amps		
Current Demand- Circuit 11	11					12324	12325	Analog Input	1179	R		Amps		
Current Demand- Circuit 12	12					12326	12327	Analog Input	1180	R		Amps		
Current Demand- Circuit 13	13					12328	12329	Analog Input	1181	R		Amps		
Current Demand- Circuit 14	14					12330	12331	Analog Input	1182	R		Amps		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Current Demand- Circuit 15	15					12332	12333	Analog Input	1183	R		Amps		
Current Demand- Circuit 16	16					12334	12335	Analog Input	1184	R		Amps		
Current Demand- Circuit 17	17					12336	12337	Analog Input	1185	R		Amps		
Current Demand- Circuit 18	18					12338	12339	Analog Input	1186	R		Amps		
Current Demand- Circuit 19	19					12340	12341	Analog Input	1187	R		Amps		
Current Demand- Circuit 20	20					12342	12343	Analog Input	1188	R		Amps		
Current Demand- Circuit 21	21					12344	12345	Analog Input	1189	R		Amps		
Current Demand- Circuit 22	22					12346	12347	Analog Input	1190	R		Amps		
Current Demand- Circuit 23	23					12348	12349	Analog Input	1191	R		Amps		
Current Demand- Circuit 24	24					12350	12351	Analog Input	1192	R		Amps		
Current Demand- Circuit 25	25					12352	12353	Analog Input	1193	R		Amps		
Current Demand- Circuit 26	26					12354	12355	Analog Input	1194	R		Amps		
Current Demand- Circuit 27	27					12356	12357	Analog Input	1195	R		Amps		
Current Demand- Circuit 28	28					12358	12359	Analog Input	1196	R		Amps		
Current Demand- Circuit 29	29					12360	12361	Analog Input	1197	R		Amps		
Current Demand- Circuit 30	30					12362	12363	Analog Input	1198	R		Amps		
Current Demand- Circuit 31	31					12364	12365	Analog Input	1199	R		Amps		
Current Demand- Circuit 32	32					12366	12367	Analog Input	1200	R		Amps		
Current Demand- Circuit 33	33					12368	12369	Analog Input	1201	R		Amps		
Current Demand- Circuit 34	34					12370	12371	Analog Input	1202	R		Amps		
Current Demand- Circuit 35	35					12372	12373	Analog Input	1203	R		Amps		
Current Demand- Circuit 36	36					12374	12375	Analog Input	1204	R		Amps		
Current Demand- Circuit 37	37					12376	12377	Analog Input	1205	R		Amps		
Current Demand- Circuit 38	38					12378	12379	Analog Input	1206	R		Amps		
Current Demand- Circuit 39	39					12380	12381	Analog Input	1207	R		Amps		
Current Demand- Circuit 40	40					12382	12383	Analog Input	1208	R		Amps		
Current Demand- Circuit 41	41					12384	12385	Analog Input	1209	R		Amps		
Current Demand- Circuit 42	42					12386	12387	Analog Input	1210	R		Amps		
Current Demand- Circuit 43	43					12388	12389	Analog Input	1211	R		Amps		
Current Demand- Circuit 44	44					12390	12391	Analog Input	1212	R		Amps		
Current Demand- Circuit 45	45					12392	12393	Analog Input	1213	R		Amps		
Current Demand- Circuit 46	46					12394	12395	Analog Input	1214	R		Amps		
Current Demand- Circuit 47	47					12396	12397	Analog Input	1215	R		Amps		
Current Demand- Circuit 48	48					12398	12399	Analog Input	1216	R		Amps		
Current Demand- Circuit 49	49					12400	12401	Analog Input	1217	R		Amps		
Current Demand- Circuit 50	50					12402	12403	Analog Input	1218	R		Amps		
Current Demand- Circuit 51	51					12404	12405	Analog Input	1219	R		Amps		
Current Demand- Circuit 52	52					12406	12407	Analog Input	1220	R		Amps		
Current Demand- Circuit 53	53					12408	12409	Analog Input	1221	R		Amps		
Current Demand- Circuit 54	54					12410	12411	Analog Input	1222	R		Amps		
Current Demand- Circuit 55	55					12412	12413	Analog Input	1223	R		Amps		
Current Demand- Circuit 56	56					12414	12415	Analog Input	1224	R		Amps		
Current Demand- Circuit 57	57					12416	12417	Analog Input	1225	R		Amps		
Current Demand- Circuit 58	58					12418	12419	Analog Input	1226	R		Amps		
Current Demand- Circuit 59	59					12420	12421	Analog Input	1227	R		Amps		
Current Demand- Circuit 60	60					12422	12423	Analog Input	1228	R		Amps		
Current Demand- Circuit 61	61					12424	12425	Analog Input	1229	R		Amps		
Current Demand- Circuit 62	62					12426	12427	Analog Input	1230	R		Amps		
Current Demand- Circuit 63	63					12428	12429	Analog Input	1231	R		Amps		
Current Demand- Circuit 64	64					12430	12431	Analog Input	1232	R		Amps		
Current Demand- Circuit 65	65					12432	12433	Analog Input	1233	R		Amps		
Current Demand- Circuit 66	66					12434	12435	Analog Input	1234	R		Amps		
Current Demand- Circuit 67	67					12436	12437	Analog Input	1235	R		Amps		
Current Demand- Circuit 68	68					12438	12439	Analog Input	1236	R		Amps		
Current Demand- Circuit 69	69					12440	12441	Analog Input	1237	R		Amps		
Current Demand- Circuit 70	70					12442	12443	Analog Input	1238	R		Amps		
Current Demand- Circuit 71	71					12444	12445	Analog Input	1239	R		Amps		
Current Demand- Circuit 72	72					12446	12447	Analog Input	1240	R		Amps		
Current Demand- Circuit 73	73					12448	12449	Analog Input	1241	R		Amps		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Current Demand- Circuit 74	74					12450	12451	Analog Input	1242	R		Amps		
Current Demand- Circuit 75	75					12452	12453	Analog Input	1243	R		Amps		
Current Demand- Circuit 76	76					12454	12455	Analog Input	1244	R		Amps		
Current Demand- Circuit 77	77					12456	12457	Analog Input	1245	R		Amps		
Current Demand- Circuit 78	78					12458	12459	Analog Input	1246	R		Amps		
Current Demand- Circuit 79	79					12460	12461	Analog Input	1247	R		Amps		
Current Demand- Circuit 80	80					12462	12463	Analog Input	1248	R		Amps		
Current Demand- Circuit 81	81					12464	12465	Analog Input	1249	R		Amps		
Current Demand- Circuit 82	82					12466	12467	Analog Input	1250	R		Amps		
Current Demand- Circuit 83	83					12468	12469	Analog Input	1251	R		Amps		
Current Demand- Circuit 84	84					12470	12471	Analog Input	1252	R		Amps		
Current Demand- Circuit 85	85					12472	12473	Analog Input	1253	R		Amps		
Current Demand- Circuit 86	86					12474	12475	Analog Input	1254	R		Amps		
Current Demand- Circuit 87	87					12476	12477	Analog Input	1255	R		Amps		
Current Demand- Circuit 88	88					12478	12479	Analog Input	1256	R		Amps		
Current Demand- Circuit 89	89					12480	12481	Analog Input	1257	R		Amps		
Current Demand- Circuit 90	90					12482	12483	Analog Input	1258	R		Amps		
Current Demand- Circuit 91	91					12484	12485	Analog Input	1259	R		Amps		
Current Demand- Circuit 92	92					12486	12487	Analog Input	1260	R		Amps		
Current Demand- Circuit 93	93					12488	12489	Analog Input	1261	R		Amps		
Current Demand- Circuit 94	94					12490	12491	Analog Input	1262	R		Amps		
Current Demand- Circuit 95	95					12492	12493	Analog Input	1263	R		Amps		
Current Demand- Circuit 96	96					12494	12495	Analog Input	1264	R		Amps		
kW Demand						12496	12687	Analog Input	1265 - 1360	R		kW		
kW Demand- Circuit 1	1					12496	12497	Analog Input	1265	R		kW		
kW Demand- Circuit 2	2					12498	12499	Analog Input	1266	R		kW		
kW Demand- Circuit 3	3					12500	12501	Analog Input	1267	R		kW		
kW Demand- Circuit 4	4					12502	12503	Analog Input	1268	R		kW		
kW Demand- Circuit 5	5					12504	12505	Analog Input	1269	R		kW		
kW Demand- Circuit 6	6					12506	12507	Analog Input	1270	R		kW		
kW Demand- Circuit 7	7					12508	12509	Analog Input	1271	R		kW		
kW Demand- Circuit 8	8					12510	12511	Analog Input	1272	R		kW		
kW Demand- Circuit 9	9					12512	12513	Analog Input	1273	R		kW		
kW Demand- Circuit 10	10					12514	12515	Analog Input	1274	R		kW		
kW Demand- Circuit 11	11					12516	12517	Analog Input	1275	R		kW		
kW Demand- Circuit 12	12					12518	12519	Analog Input	1276	R		kW		
kW Demand- Circuit 13	13					12520	12521	Analog Input	1277	R		kW		
kW Demand- Circuit 14	14					12522	12523	Analog Input	1278	R		kW		
kW Demand- Circuit 15	15					12524	12525	Analog Input	1279	R		kW		
kW Demand- Circuit 16	16					12526	12527	Analog Input	1280	R		kW		
kW Demand- Circuit 17	17					12528	12529	Analog Input	1281	R		kW		
kW Demand- Circuit 18	18					12530	12531	Analog Input	1282	R		kW		
kW Demand- Circuit 19	19					12532	12533	Analog Input	1283	R		kW		
kW Demand- Circuit 20	20					12534	12535	Analog Input	1284	R		kW		
kW Demand- Circuit 21	21					12536	12537	Analog Input	1285	R		kW		
kW Demand- Circuit 22	22					12538	12539	Analog Input	1286	R		kW		
kW Demand- Circuit 23	23					12540	12541	Analog Input	1287	R		kW		
kW Demand- Circuit 24	24					12542	12543	Analog Input	1288	R		kW		
kW Demand- Circuit 25	25					12544	12545	Analog Input	1289	R		kW		
kW Demand- Circuit 26	26					12546	12547	Analog Input	1290	R		kW		
kW Demand- Circuit 27	27					12548	12549	Analog Input	1291	R		kW		
kW Demand- Circuit 28	28					12550	12551	Analog Input	1292	R		kW		
kW Demand- Circuit 29	29					12552	12553	Analog Input	1293	R		kW		
kW Demand- Circuit 30	30					12554	12555	Analog Input	1294	R		kW		
kW Demand- Circuit 31	31					12556	12557	Analog Input	1295	R		kW		
kW Demand- Circuit 32	32					12558	12559	Analog Input	1296	R		kW		
kW Demand- Circuit 33	33					12560	12561	Analog Input	1297	R		kW		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
kW Demand- Circuit 34	34					12562	12563	Analog Input	1298	R		kW		
kW Demand- Circuit 35	35					12564	12565	Analog Input	1299	R		kW		
kW Demand- Circuit 36	36					12566	12567	Analog Input	1300	R		kW		
kW Demand- Circuit 37	37					12568	12569	Analog Input	1301	R		kW		
kW Demand- Circuit 38	38					12570	12571	Analog Input	1302	R		kW		
kW Demand- Circuit 39	39					12572	12573	Analog Input	1303	R		kW		
kW Demand- Circuit 40	40					12574	12575	Analog Input	1304	R		kW		
kW Demand- Circuit 41	41					12576	12577	Analog Input	1305	R		kW		
kW Demand- Circuit 42	42					12578	12579	Analog Input	1306	R		kW		
kW Demand- Circuit 43	43					12580	12581	Analog Input	1307	R		kW		
kW Demand- Circuit 44	44					12582	12583	Analog Input	1308	R		kW		
kW Demand- Circuit 45	45					12584	12585	Analog Input	1309	R		kW		
kW Demand- Circuit 46	46					12586	12587	Analog Input	1310	R		kW		
kW Demand- Circuit 47	47					12588	12589	Analog Input	1311	R		kW		
kW Demand- Circuit 48	48					12590	12591	Analog Input	1312	R		kW		
kW Demand- Circuit 49	49					12592	12593	Analog Input	1313	R		kW		
kW Demand- Circuit 50	50					12594	12595	Analog Input	1314	R		kW		
kW Demand- Circuit 51	51					12596	12597	Analog Input	1315	R		kW		
kW Demand- Circuit 52	52					12598	12599	Analog Input	1316	R		kW		
kW Demand- Circuit 53	53					12600	12601	Analog Input	1317	R		kW		
kW Demand- Circuit 54	54					12602	12603	Analog Input	1318	R		kW		
kW Demand- Circuit 55	55					12604	12605	Analog Input	1319	R		kW		
kW Demand- Circuit 56	56					12606	12607	Analog Input	1320	R		kW		
kW Demand- Circuit 57	57					12608	12609	Analog Input	1321	R		kW		
kW Demand- Circuit 58	58					12610	12611	Analog Input	1322	R		kW		
kW Demand- Circuit 59	59					12612	12613	Analog Input	1323	R		kW		
kW Demand- Circuit 60	60					12614	12615	Analog Input	1324	R		kW		
kW Demand- Circuit 61	61					12616	12617	Analog Input	1325	R		kW		
kW Demand- Circuit 62	62					12618	12619	Analog Input	1326	R		kW		
kW Demand- Circuit 63	63					12620	12621	Analog Input	1327	R		kW		
kW Demand- Circuit 64	64					12622	12623	Analog Input	1328	R		kW		
kW Demand- Circuit 65	65					12624	12625	Analog Input	1329	R		kW		
kW Demand- Circuit 66	66					12626	12627	Analog Input	1330	R		kW		
kW Demand- Circuit 67	67					12628	12629	Analog Input	1331	R		kW		
kW Demand- Circuit 68	68					12630	12631	Analog Input	1332	R		kW		
kW Demand- Circuit 69	69					12632	12633	Analog Input	1333	R		kW		
kW Demand- Circuit 70	70					12634	12635	Analog Input	1334	R		kW		
kW Demand- Circuit 71	71					12636	12637	Analog Input	1335	R		kW		
kW Demand- Circuit 72	72					12638	12639	Analog Input	1336	R		kW		
kW Demand- Circuit 73	73					12640	12641	Analog Input	1337	R		kW		
kW Demand- Circuit 74	74					12642	12643	Analog Input	1338	R		kW		
kW Demand- Circuit 75	75					12644	12645	Analog Input	1339	R		kW		
kW Demand- Circuit 76	76					12646	12647	Analog Input	1340	R		kW		
kW Demand- Circuit 77	77					12648	12649	Analog Input	1341	R		kW		
kW Demand- Circuit 78	78					12650	12651	Analog Input	1342	R		kW		
kW Demand- Circuit 79	79					12652	12653	Analog Input	1343	R		kW		
kW Demand- Circuit 80	80					12654	12655	Analog Input	1344	R		kW		
kW Demand- Circuit 81	81					12656	12657	Analog Input	1345	R		kW		
kW Demand- Circuit 82	82					12658	12659	Analog Input	1346	R		kW		
kW Demand- Circuit 83	83					12660	12661	Analog Input	1347	R		kW		
kW Demand- Circuit 84	84					12662	12663	Analog Input	1348	R		kW		
kW Demand- Circuit 85	85					12664	12665	Analog Input	1349	R		kW		
kW Demand- Circuit 86	86					12666	12667	Analog Input	1350	R		kW		
kW Demand- Circuit 87	87					12668	12669	Analog Input	1351	R		kW		
kW Demand- Circuit 88	88					12670	12671	Analog Input	1352	R		kW		
kW Demand- Circuit 89	89					12672	12673	Analog Input	1353	R		kW		
kW Demand- Circuit 90	90					12674	12675	Analog Input	1354	R		kW		
kW Demand- Circuit 91	91					12676	12677	Analog Input	1355	R		kW		
kW Demand- Circuit 92	92					12678	12679	Analog Input	1356	R		kW		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
kW Demand- Circuit 93	93					12680	12681	Analog Input	1357	R		kW		
kW Demand- Circuit 94	94					12682	12683	Analog Input	1358	R		kW		
kW Demand- Circuit 95	95					12684	12685	Analog Input	1359	R		kW		
kW Demand- Circuit 96	96					12686	12687	Analog Input	1360	R		kW		
Max Current Demand						12688	12879	Analog Input	1361 - 1456	R	NV	Amps		
Max Current Demand - Circuit 1	1					12688	12689	Analog Input	1361	R	NV	Amps		
Max Current Demand - Circuit 2	2					12690	12691	Analog Input	1362	R	NV	Amps		
Max Current Demand - Circuit 3	3					12692	12693	Analog Input	1363	R	NV	Amps		
Max Current Demand - Circuit 4	4					12694	12695	Analog Input	1364	R	NV	Amps		
Max Current Demand - Circuit 5	5					12696	12697	Analog Input	1365	R	NV	Amps		
Max Current Demand - Circuit 6	6					12698	12699	Analog Input	1366	R	NV	Amps		
Max Current Demand - Circuit 7	7					12700	12701	Analog Input	1367	R	NV	Amps		
Max Current Demand - Circuit 8	8					12702	12703	Analog Input	1368	R	NV	Amps		
Max Current Demand - Circuit 9	9					12704	12705	Analog Input	1369	R	NV	Amps		
Max Current Demand - Circuit 10	10					12706	12707	Analog Input	1370	R	NV	Amps		
Max Current Demand - Circuit 11	11					12708	12709	Analog Input	1371	R	NV	Amps		
Max Current Demand - Circuit 12	12					12710	12711	Analog Input	1372	R	NV	Amps		
Max Current Demand - Circuit 13	13					12712	12713	Analog Input	1373	R	NV	Amps		
Max Current Demand - Circuit 14	14					12714	12715	Analog Input	1374	R	NV	Amps		
Max Current Demand - Circuit 15	15					12716	12717	Analog Input	1375	R	NV	Amps		
Max Current Demand - Circuit 16	16					12718	12719	Analog Input	1376	R	NV	Amps		
Max Current Demand - Circuit 17	17					12720	12721	Analog Input	1377	R	NV	Amps		
Max Current Demand - Circuit 18	18					12722	12723	Analog Input	1378	R	NV	Amps		
Max Current Demand - Circuit 19	19					12724	12725	Analog Input	1379	R	NV	Amps		
Max Current Demand - Circuit 20	20					12726	12727	Analog Input	1380	R	NV	Amps		
Max Current Demand - Circuit 21	21					12728	12729	Analog Input	1381	R	NV	Amps		
Max Current Demand - Circuit 22	22					12730	12731	Analog Input	1382	R	NV	Amps		
Max Current Demand - Circuit 23	23					12732	12733	Analog Input	1383	R	NV	Amps		
Max Current Demand - Circuit 24	24					12734	12735	Analog Input	1384	R	NV	Amps		
Max Current Demand - Circuit 25	25					12736	12737	Analog Input	1385	R	NV	Amps		
Max Current Demand - Circuit 26	26					12738	12739	Analog Input	1386	R	NV	Amps		
Max Current Demand - Circuit 27	27					12740	12741	Analog Input	1387	R	NV	Amps		
Max Current Demand - Circuit 28	28					12742	12743	Analog Input	1388	R	NV	Amps		
Max Current Demand - Circuit 29	29					12744	12745	Analog Input	1389	R	NV	Amps		
Max Current Demand - Circuit 30	30					12746	12747	Analog Input	1390	R	NV	Amps		
Max Current Demand - Circuit 31	31					12748	12749	Analog Input	1391	R	NV	Amps		
Max Current Demand - Circuit 32	32					12750	12751	Analog Input	1392	R	NV	Amps		
Max Current Demand - Circuit 33	33					12752	12753	Analog Input	1393	R	NV	Amps		
Max Current Demand - Circuit 34	34					12754	12755	Analog Input	1394	R	NV	Amps		
Max Current Demand - Circuit 35	35					12756	12757	Analog Input	1395	R	NV	Amps		
Max Current Demand - Circuit 36	36					12758	12759	Analog Input	1396	R	NV	Amps		
Max Current Demand - Circuit 37	37					12760	12761	Analog Input	1397	R	NV	Amps		
Max Current Demand - Circuit 38	38					12762	12763	Analog Input	1398	R	NV	Amps		
Max Current Demand - Circuit 39	39					12764	12765	Analog Input	1399	R	NV	Amps		
Max Current Demand - Circuit 40	40					12766	12767	Analog Input	1400	R	NV	Amps		
Max Current Demand - Circuit 41	41					12768	12769	Analog Input	1401	R	NV	Amps		
Max Current Demand - Circuit 42	42					12770	12771	Analog Input	1402	R	NV	Amps		
Max Current Demand - Circuit 43	43					12772	12773	Analog Input	1403	R	NV	Amps		
Max Current Demand - Circuit 44	44					12774	12775	Analog Input	1404	R	NV	Amps		
Max Current Demand - Circuit 45	45					12776	12777	Analog Input	1405	R	NV	Amps		
Max Current Demand - Circuit 46	46					12778	12779	Analog Input	1406	R	NV	Amps		
Max Current Demand - Circuit 47	47					12780	12781	Analog Input	1407	R	NV	Amps		
Max Current Demand - Circuit 48	48					12782	12783	Analog Input	1408	R	NV	Amps		
Max Current Demand - Circuit 49	49					12784	12785	Analog Input	1409	R	NV	Amps		
Max Current Demand - Circuit 50	50					12786	12787	Analog Input	1410	R	NV	Amps		
Max Current Demand - Circuit 51	51					12788	12789	Analog Input	1411	R	NV	Amps		
Max Current Demand - Circuit 52	52					12790	12791	Analog Input	1412	R	NV	Amps		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Max Current Demand - Circuit 53	53					12792	12793	Analog Input	1413	R	NV	Amps		
Max Current Demand - Circuit 54	54					12794	12795	Analog Input	1414	R	NV	Amps		
Max Current Demand - Circuit 55	55					12796	12797	Analog Input	1415	R	NV	Amps		
Max Current Demand - Circuit 56	56					12798	12799	Analog Input	1416	R	NV	Amps		
Max Current Demand - Circuit 57	57					12800	12801	Analog Input	1417	R	NV	Amps		
Max Current Demand - Circuit 58	58					12802	12803	Analog Input	1418	R	NV	Amps		
Max Current Demand - Circuit 59	59					12804	12805	Analog Input	1419	R	NV	Amps		
Max Current Demand - Circuit 60	60					12806	12807	Analog Input	1420	R	NV	Amps		
Max Current Demand - Circuit 61	61					12808	12809	Analog Input	1421	R	NV	Amps		
Max Current Demand - Circuit 62	62					12810	12811	Analog Input	1422	R	NV	Amps		
Max Current Demand - Circuit 63	63					12812	12813	Analog Input	1423	R	NV	Amps		
Max Current Demand - Circuit 64	64					12814	12815	Analog Input	1424	R	NV	Amps		
Max Current Demand - Circuit 65	65					12816	12817	Analog Input	1425	R	NV	Amps		
Max Current Demand - Circuit 66	66					12818	12819	Analog Input	1426	R	NV	Amps		
Max Current Demand - Circuit 67	67					12820	12821	Analog Input	1427	R	NV	Amps		
Max Current Demand - Circuit 68	68					12822	12823	Analog Input	1428	R	NV	Amps		
Max Current Demand - Circuit 69	69					12824	12825	Analog Input	1429	R	NV	Amps		
Max Current Demand - Circuit 70	70					12826	12827	Analog Input	1430	R	NV	Amps		
Max Current Demand - Circuit 71	71					12828	12829	Analog Input	1431	R	NV	Amps		
Max Current Demand - Circuit 72	72					12830	12831	Analog Input	1432	R	NV	Amps		
Max Current Demand - Circuit 73	73					12832	12833	Analog Input	1433	R	NV	Amps		
Max Current Demand - Circuit 74	74					12834	12835	Analog Input	1434	R	NV	Amps		
Max Current Demand - Circuit 75	75					12836	12837	Analog Input	1435	R	NV	Amps		
Max Current Demand - Circuit 76	76					12838	12839	Analog Input	1436	R	NV	Amps		
Max Current Demand - Circuit 77	77					12840	12841	Analog Input	1437	R	NV	Amps		
Max Current Demand - Circuit 78	78					12842	12843	Analog Input	1438	R	NV	Amps		
Max Current Demand - Circuit 79	79					12844	12845	Analog Input	1439	R	NV	Amps		
Max Current Demand - Circuit 80	80					12846	12847	Analog Input	1440	R	NV	Amps		
Max Current Demand - Circuit 81	81					12848	12849	Analog Input	1441	R	NV	Amps		
Max Current Demand - Circuit 82	82					12850	12851	Analog Input	1442	R	NV	Amps		
Max Current Demand - Circuit 83	83					12852	12853	Analog Input	1443	R	NV	Amps		
Max Current Demand - Circuit 84	84					12854	12855	Analog Input	1444	R	NV	Amps		
Max Current Demand - Circuit 85	85					12856	12857	Analog Input	1445	R	NV	Amps		
Max Current Demand - Circuit 86	86					12858	12859	Analog Input	1446	R	NV	Amps		
Max Current Demand - Circuit 87	87					12860	12861	Analog Input	1447	R	NV	Amps		
Max Current Demand - Circuit 88	88					12862	12863	Analog Input	1448	R	NV	Amps		
Max Current Demand - Circuit 89	89					12864	12865	Analog Input	1449	R	NV	Amps		
Max Current Demand - Circuit 90	90					12866	12867	Analog Input	1450	R	NV	Amps		
Max Current Demand - Circuit 91	91					12868	12869	Analog Input	1451	R	NV	Amps		
Max Current Demand - Circuit 92	92					12870	12871	Analog Input	1452	R	NV	Amps		
Max Current Demand - Circuit 93	93					12872	12873	Analog Input	1453	R	NV	Amps		
Max Current Demand - Circuit 94	94					12874	12875	Analog Input	1454	R	NV	Amps		
Max Current Demand - Circuit 95	95					12876	12877	Analog Input	1455	R	NV	Amps		
Max Current Demand - Circuit 96	96					12878	12879	Analog Input	1456	R	NV	Amps		
Max kW Demand						12880	13071	Analog Input	1457 - 1552	R	NV	kW		
Max kW Demand - Circuit 1	1					12880	12881	Analog Input	1457	R	NV	kW		
Max kW Demand - Circuit 2	2					12882	12883	Analog Input	1458	R	NV	kW		
Max kW Demand - Circuit 3	3					12884	12885	Analog Input	1459	R	NV	kW		
Max kW Demand - Circuit 4	4					12886	12887	Analog Input	1460	R	NV	kW		
Max kW Demand - Circuit 5	5					12888	12889	Analog Input	1461	R	NV	kW		
Max kW Demand - Circuit 6	6					12890	12891	Analog Input	1462	R	NV	kW		
Max kW Demand - Circuit 7	7					12892	12893	Analog Input	1463	R	NV	kW		
Max kW Demand - Circuit 8	8					12894	12895	Analog Input	1464	R	NV	kW		
Max kW Demand - Circuit 9	9					12896	12897	Analog Input	1465	R	NV	kW		
Max kW Demand - Circuit 10	10					12898	12899	Analog Input	1466	R	NV	kW		
Max kW Demand - Circuit 11	11					12900	12901	Analog Input	1467	R	NV	kW		
Max kW Demand - Circuit 12	12					12902	12903	Analog Input	1468	R	NV	kW		

		Modbus Registers					Bacnet Objects						
		Integer				Float							
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Max kW Demand - Circuit 13	13					12904	12905	Analog Input	1469	R	NV	kW		
Max kW Demand - Circuit 14	14					12906	12907	Analog Input	1470	R	NV	kW		
Max kW Demand - Circuit 15	15					12908	12909	Analog Input	1471	R	NV	kW		
Max kW Demand - Circuit 16	16					12910	12911	Analog Input	1472	R	NV	kW		
Max kW Demand - Circuit 17	17					12912	12913	Analog Input	1473	R	NV	kW		
Max kW Demand - Circuit 18	18					12914	12915	Analog Input	1474	R	NV	kW		
Max kW Demand - Circuit 19	19					12916	12917	Analog Input	1475	R	NV	kW		
Max kW Demand - Circuit 20	20					12918	12919	Analog Input	1476	R	NV	kW		
Max kW Demand - Circuit 21	21					12920	12921	Analog Input	1477	R	NV	kW		
Max kW Demand - Circuit 22	22					12922	12923	Analog Input	1478	R	NV	kW		
Max kW Demand - Circuit 23	23					12924	12925	Analog Input	1479	R	NV	kW		
Max kW Demand - Circuit 24	24					12926	12927	Analog Input	1480	R	NV	kW		
Max kW Demand - Circuit 25	25					12928	12929	Analog Input	1481	R	NV	kW		
Max kW Demand - Circuit 26	26					12930	12931	Analog Input	1482	R	NV	kW		
Max kW Demand - Circuit 27	27					12932	12933	Analog Input	1483	R	NV	kW		
Max kW Demand - Circuit 28	28					12934	12935	Analog Input	1484	R	NV	kW		
Max kW Demand - Circuit 29	29					12936	12937	Analog Input	1485	R	NV	kW		
Max kW Demand - Circuit 30	30					12938	12939	Analog Input	1486	R	NV	kW		
Max kW Demand - Circuit 31	31					12940	12941	Analog Input	1487	R	NV	kW		
Max kW Demand - Circuit 32	32					12942	12943	Analog Input	1488	R	NV	kW		
Max kW Demand - Circuit 33	33					12944	12945	Analog Input	1489	R	NV	kW		
Max kW Demand - Circuit 34	34					12946	12947	Analog Input	1490	R	NV	kW		
Max kW Demand - Circuit 35	35					12948	12949	Analog Input	1491	R	NV	kW		
Max kW Demand - Circuit 36	36					12950	12951	Analog Input	1492	R	NV	kW		
Max kW Demand - Circuit 37	37					12952	12953	Analog Input	1493	R	NV	kW		
Max kW Demand - Circuit 38	38					12954	12955	Analog Input	1494	R	NV	kW		
Max kW Demand - Circuit 39	39					12956	12957	Analog Input	1495	R	NV	kW		
Max kW Demand - Circuit 40	40					12958	12959	Analog Input	1496	R	NV	kW		
Max kW Demand - Circuit 41	41					12960	12961	Analog Input	1497	R	NV	kW		
Max kW Demand - Circuit 42	42					12962	12963	Analog Input	1498	R	NV	kW		
Max kW Demand - Circuit 43	43					12964	12965	Analog Input	1499	R	NV	kW		
Max kW Demand - Circuit 44	44					12966	12967	Analog Input	1500	R	NV	kW		
Max kW Demand - Circuit 45	45					12968	12969	Analog Input	1501	R	NV	kW		
Max kW Demand - Circuit 46	46					12970	12971	Analog Input	1502	R	NV	kW		
Max kW Demand - Circuit 47	47					12972	12973	Analog Input	1503	R	NV	kW		
Max kW Demand - Circuit 48	48					12974	12975	Analog Input	1504	R	NV	kW		
Max kW Demand - Circuit 49	49					12976	12977	Analog Input	1505	R	NV	kW		
Max kW Demand - Circuit 50	50					12978	12979	Analog Input	1506	R	NV	kW		
Max kW Demand - Circuit 51	51					12980	12981	Analog Input	1507	R	NV	kW		
Max kW Demand - Circuit 52	52					12982	12983	Analog Input	1508	R	NV	kW		
Max kW Demand - Circuit 53	53					12984	12985	Analog Input	1509	R	NV	kW		
Max kW Demand - Circuit 54	54					12986	12987	Analog Input	1510	R	NV	kW		
Max kW Demand - Circuit 55	55					12988	12989	Analog Input	1511	R	NV	kW		
Max kW Demand - Circuit 56	56					12990	12991	Analog Input	1512	R	NV	kW		
Max kW Demand - Circuit 57	57					12992	12993	Analog Input	1513	R	NV	kW		
Max kW Demand - Circuit 58	58					12994	12995	Analog Input	1514	R	NV	kW		
Max kW Demand - Circuit 59	59					12996	12997	Analog Input	1515	R	NV	kW		
Max kW Demand - Circuit 60	60					12998	12999	Analog Input	1516	R	NV	kW		
Max kW Demand - Circuit 61	61					13000	13001	Analog Input	1517	R	NV	kW		
Max kW Demand - Circuit 62	62					13002	13003	Analog Input	1518	R	NV	kW		
Max kW Demand - Circuit 63	63					13004	13005	Analog Input	1519	R	NV	kW		
Max kW Demand - Circuit 64	64					13006	13007	Analog Input	1520	R	NV	kW		
Max kW Demand - Circuit 65	65					13008	13009	Analog Input	1521	R	NV	kW		
Max kW Demand - Circuit 66	66					13010	13011	Analog Input	1522	R	NV	kW		
Max kW Demand - Circuit 67	67					13012	13013	Analog Input	1523	R	NV	kW		
Max kW Demand - Circuit 68	68					13014	13015	Analog Input	1524	R	NV	kW		
Max kW Demand - Circuit 69	69					13016	13017	Analog Input	1525	R	NV	kW		
Max kW Demand - Circuit 70	70					13018	13019	Analog Input	1526	R	NV	kW		
Max kW Demand - Circuit 71	71					13020	13021	Analog Input	1527	R	NV	kW		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Max kW Demand - Circuit 72	72					13022	13023	Analog Input	1528	R	NV	kW		
Max kW Demand - Circuit 73	73					13024	13025	Analog Input	1529	R	NV	kW		
Max kW Demand - Circuit 74	74					13026	13027	Analog Input	1530	R	NV	kW		
Max kW Demand - Circuit 75	75					13028	13029	Analog Input	1531	R	NV	kW		
Max kW Demand - Circuit 76	76					13030	13031	Analog Input	1532	R	NV	kW		
Max kW Demand - Circuit 77	77					13032	13033	Analog Input	1533	R	NV	kW		
Max kW Demand - Circuit 78	78					13034	13035	Analog Input	1534	R	NV	kW		
Max kW Demand - Circuit 79	79					13036	13037	Analog Input	1535	R	NV	kW		
Max kW Demand - Circuit 80	80					13038	13039	Analog Input	1536	R	NV	kW		
Max kW Demand - Circuit 81	81					13040	13041	Analog Input	1537	R	NV	kW		
Max kW Demand - Circuit 82	82					13042	13043	Analog Input	1538	R	NV	kW		
Max kW Demand - Circuit 83	83					13044	13045	Analog Input	1539	R	NV	kW		
Max kW Demand - Circuit 84	84					13046	13047	Analog Input	1540	R	NV	kW		
Max kW Demand - Circuit 85	85					13048	13049	Analog Input	1541	R	NV	kW		
Max kW Demand - Circuit 86	86					13050	13051	Analog Input	1542	R	NV	kW		
Max kW Demand - Circuit 87	87					13052	13053	Analog Input	1543	R	NV	kW		
Max kW Demand - Circuit 88	88					13054	13055	Analog Input	1544	R	NV	kW		
Max kW Demand - Circuit 89	89					13056	13057	Analog Input	1545	R	NV	kW		
Max kW Demand - Circuit 90	90					13058	13059	Analog Input	1546	R	NV	kW		
Max kW Demand - Circuit 91	91					13060	13061	Analog Input	1547	R	NV	kW		
Max kW Demand - Circuit 92	92					13062	13063	Analog Input	1548	R	NV	kW		
Max kW Demand - Circuit 93	93					13064	13065	Analog Input	1549	R	NV	kW		
Max kW Demand - Circuit 94	94					13066	13067	Analog Input	1550	R	NV	kW		
Max kW Demand - Circuit 95	95					13068	13069	Analog Input	1551	R	NV	kW		
Max kW Demand - Circuit 96	96					13070	13071	Analog Input	1552	R	NV	kW		
KWH Snapshot						13072	13263	Analog Input	1553 - 1648	R		kWh		
KWH Snapshot - Circuit 1	1					13072	13073	Analog Input	1553	R		kWh		
KWH Snapshot - Circuit 2	2					13074	13075	Analog Input	1554	R		kWh		
KWH Snapshot - Circuit 3	3					13076	13077	Analog Input	1555	R		kWh		
KWH Snapshot - Circuit 4	4					13078	13079	Analog Input	1556	R		kWh		
KWH Snapshot - Circuit 5	5					13080	13081	Analog Input	1557	R		kWh		
KWH Snapshot - Circuit 6	6					13082	13083	Analog Input	1558	R		kWh		
KWH Snapshot - Circuit 7	7					13084	13085	Analog Input	1559	R		kWh		
KWH Snapshot - Circuit 8	8					13086	13087	Analog Input	1560	R		kWh		
KWH Snapshot - Circuit 9	9					13088	13089	Analog Input	1561	R		kWh		
KWH Snapshot - Circuit 10	10					13090	13091	Analog Input	1562	R		kWh		
KWH Snapshot - Circuit 11	11					13092	13093	Analog Input	1563	R		kWh		
KWH Snapshot - Circuit 12	12					13094	13095	Analog Input	1564	R		kWh		
KWH Snapshot - Circuit 13	13					13096	13097	Analog Input	1565	R		kWh		
KWH Snapshot - Circuit 14	14					13098	13099	Analog Input	1566	R		kWh		
KWH Snapshot - Circuit 15	15					13100	13101	Analog Input	1567	R		kWh		
KWH Snapshot - Circuit 16	16					13102	13103	Analog Input	1568	R		kWh		
KWH Snapshot - Circuit 17	17					13104	13105	Analog Input	1569	R		kWh		
KWH Snapshot - Circuit 18	18					13106	13107	Analog Input	1570	R		kWh		
KWH Snapshot - Circuit 19	19					13108	13109	Analog Input	1571	R		kWh		
KWH Snapshot - Circuit 20	20					13110	13111	Analog Input	1572	R		kWh		
KWH Snapshot - Circuit 21	21					13112	13113	Analog Input	1573	R		kWh		
KWH Snapshot - Circuit 22	22					13114	13115	Analog Input	1574	R		kWh		
KWH Snapshot - Circuit 23	23					13116	13117	Analog Input	1575	R		kWh		
KWH Snapshot - Circuit 24	24					13118	13119	Analog Input	1576	R		kWh		
KWH Snapshot - Circuit 25	25					13120	13121	Analog Input	1577	R		kWh		
KWH Snapshot - Circuit 26	26					13122	13123	Analog Input	1578	R		kWh		
KWH Snapshot - Circuit 27	27					13124	13125	Analog Input	1579	R		kWh		
KWH Snapshot - Circuit 28	28					13126	13127	Analog Input	1580	R		kWh		
KWH Snapshot - Circuit 29	29					13128	13129	Analog Input	1581	R		kWh		
KWH Snapshot - Circuit 30	30					13130	13131	Analog Input	1582	R		kWh		
KWH Snapshot - Circuit 31	31					13132	13133	Analog Input	1583	R		kWh		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
KWH Snapshot - Circuit 32	32					13134	13135	Analog Input	1584	R		kWh		
KWH Snapshot - Circuit 33	33					13136	13137	Analog Input	1585	R		kWh		
KWH Snapshot - Circuit 34	34					13138	13139	Analog Input	1586	R		kWh		
KWH Snapshot - Circuit 35	35					13140	13141	Analog Input	1587	R		kWh		
KWH Snapshot - Circuit 36	36					13142	13143	Analog Input	1588	R		kWh		
KWH Snapshot - Circuit 37	37					13144	13145	Analog Input	1589	R		kWh		
KWH Snapshot - Circuit 38	38					13146	13147	Analog Input	1590	R		kWh		
KWH Snapshot - Circuit 39	39					13148	13149	Analog Input	1591	R		kWh		
KWH Snapshot - Circuit 40	40					13150	13151	Analog Input	1592	R		kWh		
KWH Snapshot - Circuit 41	41					13152	13153	Analog Input	1593	R		kWh		
KWH Snapshot - Circuit 42	42					13154	13155	Analog Input	1594	R		kWh		
KWH Snapshot - Circuit 43	43					13156	13157	Analog Input	1595	R		kWh		
KWH Snapshot - Circuit 44	44					13158	13159	Analog Input	1596	R		kWh		
KWH Snapshot - Circuit 45	45					13160	13161	Analog Input	1597	R		kWh		
KWH Snapshot - Circuit 46	46					13162	13163	Analog Input	1598	R		kWh		
KWH Snapshot - Circuit 47	47					13164	13165	Analog Input	1599	R		kWh		
KWH Snapshot - Circuit 48	48					13166	13167	Analog Input	1600	R		kWh		
KWH Snapshot - Circuit 49	49					13168	13169	Analog Input	1601	R		kWh		
KWH Snapshot - Circuit 50	50					13170	13171	Analog Input	1602	R		kWh		
KWH Snapshot - Circuit 51	51					13172	13173	Analog Input	1603	R		kWh		
KWH Snapshot - Circuit 52	52					13174	13175	Analog Input	1604	R		kWh		
KWH Snapshot - Circuit 53	53					13176	13177	Analog Input	1605	R		kWh		
KWH Snapshot - Circuit 54	54					13178	13179	Analog Input	1606	R		kWh		
KWH Snapshot - Circuit 55	55					13180	13181	Analog Input	1607	R		kWh		
KWH Snapshot - Circuit 56	56					13182	13183	Analog Input	1608	R		kWh		
KWH Snapshot - Circuit 57	57					13184	13185	Analog Input	1609	R		kWh		
KWH Snapshot - Circuit 58	58					13186	13187	Analog Input	1610	R		kWh		
KWH Snapshot - Circuit 59	59					13188	13189	Analog Input	1611	R		kWh		
KWH Snapshot - Circuit 60	60					13190	13191	Analog Input	1612	R		kWh		
KWH Snapshot - Circuit 61	61					13192	13193	Analog Input	1613	R		kWh		
KWH Snapshot - Circuit 62	62					13194	13195	Analog Input	1614	R		kWh		
KWH Snapshot - Circuit 63	63					13196	13197	Analog Input	1615	R		kWh		
KWH Snapshot - Circuit 64	64					13198	13199	Analog Input	1616	R		kWh		
KWH Snapshot - Circuit 65	65					13200	13201	Analog Input	1617	R		kWh		
KWH Snapshot - Circuit 66	66					13202	13203	Analog Input	1618	R		kWh		
KWH Snapshot - Circuit 67	67					13204	13205	Analog Input	1619	R		kWh		
KWH Snapshot - Circuit 68	68					13206	13207	Analog Input	1620	R		kWh		
KWH Snapshot - Circuit 69	69					13208	13209	Analog Input	1621	R		kWh		
KWH Snapshot - Circuit 70	70					13210	13211	Analog Input	1622	R		kWh		
KWH Snapshot - Circuit 71	71					13212	13213	Analog Input	1623	R		kWh		
KWH Snapshot - Circuit 72	72					13214	13215	Analog Input	1624	R		kWh		
KWH Snapshot - Circuit 73	73					13216	13217	Analog Input	1625	R		kWh		
KWH Snapshot - Circuit 74	74					13218	13219	Analog Input	1626	R		kWh		
KWH Snapshot - Circuit 75	75					13220	13221	Analog Input	1627	R		kWh		
KWH Snapshot - Circuit 76	76					13222	13223	Analog Input	1628	R		kWh		
KWH Snapshot - Circuit 77	77					13224	13225	Analog Input	1629	R		kWh		
KWH Snapshot - Circuit 78	78					13226	13227	Analog Input	1630	R		kWh		
KWH Snapshot - Circuit 79	79					13228	13229	Analog Input	1631	R		kWh		
KWH Snapshot - Circuit 80	80					13230	13231	Analog Input	1632	R		kWh		
KWH Snapshot - Circuit 81	81					13232	13233	Analog Input	1633	R		kWh		
KWH Snapshot - Circuit 82	82					13234	13235	Analog Input	1634	R		kWh		
KWH Snapshot - Circuit 83	83					13236	13237	Analog Input	1635	R		kWh		
KWH Snapshot - Circuit 84	84					13238	13239	Analog Input	1636	R		kWh		
KWH Snapshot - Circuit 85	85					13240	13241	Analog Input	1637	R		kWh		
KWH Snapshot - Circuit 86	86					13242	13243	Analog Input	1638	R		kWh		
KWH Snapshot - Circuit 87	87					13244	13245	Analog Input	1639	R		kWh		
KWH Snapshot - Circuit 88	88					13246	13247	Analog Input	1640	R		kWh		
KWH Snapshot - Circuit 89	89					13248	13249	Analog Input	1641	R		kWh		
KWH Snapshot - Circuit 90	90					13250	13251	Analog Input	1642	R		kWh		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
KWH Snapshot - Circuit 91	91					13252	13253	Analog Input	1643	R		kWh		
KWH Snapshot - Circuit 92	92					13254	13255	Analog Input	1644	R		kWh		
KWH Snapshot - Circuit 93	93					13256	13257	Analog Input	1645	R		kWh		
KWH Snapshot - Circuit 94	94					13258	13259	Analog Input	1646	R		kWh		
KWH Snapshot - Circuit 95	95					13260	13261	Analog Input	1647	R		kWh		
KWH Snapshot - Circuit 96	96					13262	13263	Analog Input	1648	R		kWh		
Crest Factor						13264	13455	Analog Input	1649 - 1744	R				
Crest Factor - Circuit 1	1					13264	13265	Analog Input	1649	R				
Crest Factor - Circuit 2	2					13266	13267	Analog Input	1650	R				
Crest Factor - Circuit 3	3					13268	13269	Analog Input	1651	R				
Crest Factor - Circuit 4	4					13270	13271	Analog Input	1652	R				
Crest Factor - Circuit 5	5					13272	13273	Analog Input	1653	R				
Crest Factor - Circuit 6	6					13274	13275	Analog Input	1654	R				
Crest Factor - Circuit 7	7					13276	13277	Analog Input	1655	R				
Crest Factor - Circuit 8	8					13278	13279	Analog Input	1656	R				
Crest Factor - Circuit 9	9					13280	13281	Analog Input	1657	R				
Crest Factor - Circuit 10	10					13282	13283	Analog Input	1658	R				
Crest Factor - Circuit 11	11					13284	13285	Analog Input	1659	R				
Crest Factor - Circuit 12	12					13286	13287	Analog Input	1660	R				
Crest Factor - Circuit 13	13					13288	13289	Analog Input	1661	R				
Crest Factor - Circuit 14	14					13290	13291	Analog Input	1662	R				
Crest Factor - Circuit 15	15					13292	13293	Analog Input	1663	R				
Crest Factor - Circuit 16	16					13294	13295	Analog Input	1664	R				
Crest Factor - Circuit 17	17					13296	13297	Analog Input	1665	R				
Crest Factor - Circuit 18	18					13298	13299	Analog Input	1666	R				
Crest Factor - Circuit 19	19					13300	13301	Analog Input	1667	R				
Crest Factor - Circuit 20	20					13302	13303	Analog Input	1668	R				
Crest Factor - Circuit 21	21					13304	13305	Analog Input	1669	R				
Crest Factor - Circuit 22	22					13306	13307	Analog Input	1670	R				
Crest Factor - Circuit 23	23					13308	13309	Analog Input	1671	R				
Crest Factor - Circuit 24	24					13310	13311	Analog Input	1672	R				
Crest Factor - Circuit 25	25					13312	13313	Analog Input	1673	R				
Crest Factor - Circuit 26	26					13314	13315	Analog Input	1674	R				
Crest Factor - Circuit 27	27					13316	13317	Analog Input	1675	R				
Crest Factor - Circuit 28	28					13318	13319	Analog Input	1676	R				
Crest Factor - Circuit 29	29					13320	13321	Analog Input	1677	R				
Crest Factor - Circuit 30	30					13322	13323	Analog Input	1678	R				
Crest Factor - Circuit 31	31					13324	13325	Analog Input	1679	R				
Crest Factor - Circuit 32	32					13326	13327	Analog Input	1680	R				
Crest Factor - Circuit 33	33					13328	13329	Analog Input	1681	R				
Crest Factor - Circuit 34	34					13330	13331	Analog Input	1682	R				
Crest Factor - Circuit 35	35					13332	13333	Analog Input	1683	R				
Crest Factor - Circuit 36	36					13334	13335	Analog Input	1684	R				
Crest Factor - Circuit 37	37					13336	13337	Analog Input	1685	R				
Crest Factor - Circuit 38	38					13338	13339	Analog Input	1686	R				
Crest Factor - Circuit 39	39					13340	13341	Analog Input	1687	R				
Crest Factor - Circuit 40	40					13342	13343	Analog Input	1688	R				
Crest Factor - Circuit 41	41					13344	13345	Analog Input	1689	R				
Crest Factor - Circuit 42	42					13346	13347	Analog Input	1690	R				
Crest Factor - Circuit 43	43					13348	13349	Analog Input	1691	R				
Crest Factor - Circuit 44	44					13350	13351	Analog Input	1692	R				
Crest Factor - Circuit 45	45					13352	13353	Analog Input	1693	R				
Crest Factor - Circuit 46	46					13354	13355	Analog Input	1694	R				
Crest Factor - Circuit 47	47					13356	13357	Analog Input	1695	R				
Crest Factor - Circuit 48	48					13358	13359	Analog Input	1696	R				
Crest Factor - Circuit 49	49					13360	13361	Analog Input	1697	R				
Crest Factor - Circuit 50	50					13362	13363	Analog Input	1698	R				

		Modbus Registers					Bacnet Objects						
		Integer				Float							
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Crest Factor - Circuit 51	51					13364	13365	Analog Input	1699	R				
Crest Factor - Circuit 52	52					13366	13367	Analog Input	1700	R				
Crest Factor - Circuit 53	53					13368	13369	Analog Input	1701	R				
Crest Factor - Circuit 54	54					13370	13371	Analog Input	1702	R				
Crest Factor - Circuit 55	55					13372	13373	Analog Input	1703	R				
Crest Factor - Circuit 56	56					13374	13375	Analog Input	1704	R				
Crest Factor - Circuit 57	57					13376	13377	Analog Input	1705	R				
Crest Factor - Circuit 58	58					13378	13379	Analog Input	1706	R				
Crest Factor - Circuit 59	59					13380	13381	Analog Input	1707	R				
Crest Factor - Circuit 60	60					13382	13383	Analog Input	1708	R				
Crest Factor - Circuit 61	61					13384	13385	Analog Input	1709	R				
Crest Factor - Circuit 62	62					13386	13387	Analog Input	1710	R				
Crest Factor - Circuit 63	63					13388	13389	Analog Input	1711	R				
Crest Factor - Circuit 64	64					13390	13391	Analog Input	1712	R				
Crest Factor - Circuit 65	65					13392	13393	Analog Input	1713	R				
Crest Factor - Circuit 66	66					13394	13395	Analog Input	1714	R				
Crest Factor - Circuit 67	67					13396	13397	Analog Input	1715	R				
Crest Factor - Circuit 68	68					13398	13399	Analog Input	1716	R				
Crest Factor - Circuit 69	69					13400	13401	Analog Input	1717	R				
Crest Factor - Circuit 70	70					13402	13403	Analog Input	1718	R				
Crest Factor - Circuit 71	71					13404	13405	Analog Input	1719	R				
Crest Factor - Circuit 72	72					13406	13407	Analog Input	1720	R				
Crest Factor - Circuit 73	73					13408	13409	Analog Input	1721	R				
Crest Factor - Circuit 74	74					13410	13411	Analog Input	1722	R				
Crest Factor - Circuit 75	75					13412	13413	Analog Input	1723	R				
Crest Factor - Circuit 76	76					13414	13415	Analog Input	1724	R				
Crest Factor - Circuit 77	77					13416	13417	Analog Input	1725	R				
Crest Factor - Circuit 78	78					13418	13419	Analog Input	1726	R				
Crest Factor - Circuit 79	79					13420	13421	Analog Input	1727	R				
Crest Factor - Circuit 80	80					13422	13423	Analog Input	1728	R				
Crest Factor - Circuit 81	81					13424	13425	Analog Input	1729	R				
Crest Factor - Circuit 82	82					13426	13427	Analog Input	1730	R				
Crest Factor - Circuit 83	83					13428	13429	Analog Input	1731	R				
Crest Factor - Circuit 84	84					13430	13431	Analog Input	1732	R				
Crest Factor - Circuit 85	85					13432	13433	Analog Input	1733	R				
Crest Factor - Circuit 86	86					13434	13435	Analog Input	1734	R				
Crest Factor - Circuit 87	87					13436	13437	Analog Input	1735	R				
Crest Factor - Circuit 88	88					13438	13439	Analog Input	1736	R				
Crest Factor - Circuit 89	89					13440	13441	Analog Input	1737	R				
Crest Factor - Circuit 90	90					13442	13443	Analog Input	1738	R				
Crest Factor - Circuit 91	91					13444	13445	Analog Input	1739	R				
Crest Factor - Circuit 92	92					13446	13447	Analog Input	1740	R				
Crest Factor - Circuit 93	93					13448	13449	Analog Input	1741	R				
Crest Factor - Circuit 94	94					13450	13451	Analog Input	1742	R				
Crest Factor - Circuit 95	95					13452	13453	Analog Input	1743	R				
Crest Factor - Circuit 96	96					13454	13455	Analog Input	1744	R				
Breaker Utilization						13456	13647	Analog Input	1745 - 1840	R		Percent		*Circuit Utilization = (Current / Breaker Size) * 100*
Breaker Utilization - Circuit 1	1					13456	13457	Analog Input	1745	R		Percent		
Breaker Utilization - Circuit 2	2					13458	13459	Analog Input	1746	R		Percent		
Breaker Utilization - Circuit 3	3					13460	13461	Analog Input	1747	R		Percent		
Breaker Utilization - Circuit 4	4					13462	13463	Analog Input	1748	R		Percent		
Breaker Utilization - Circuit 5	5					13464	13465	Analog Input	1749	R		Percent		
Breaker Utilization - Circuit 6	6					13466	13467	Analog Input	1750	R		Percent		
Breaker Utilization - Circuit 7	7					13468	13469	Analog Input	1751	R		Percent		
Breaker Utilization - Circuit 8	8					13470	13471	Analog Input	1752	R		Percent		
Breaker Utilization - Circuit 9	9					13472	13473	Analog Input	1753	R		Percent		
Breaker Utilization - Circuit 10	10					13474	13475	Analog Input	1754	R		Percent		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Breaker Utilization - Circuit 11	11					13476	13477	Analog Input	1755	R		Percent		
Breaker Utilization - Circuit 12	12					13478	13479	Analog Input	1756	R		Percent		
Breaker Utilization - Circuit 13	13					13480	13481	Analog Input	1757	R		Percent		
Breaker Utilization - Circuit 14	14					13482	13483	Analog Input	1758	R		Percent		
Breaker Utilization - Circuit 15	15					13484	13485	Analog Input	1759	R		Percent		
Breaker Utilization - Circuit 16	16					13486	13487	Analog Input	1760	R		Percent		
Breaker Utilization - Circuit 17	17					13488	13489	Analog Input	1761	R		Percent		
Breaker Utilization - Circuit 18	18					13490	13491	Analog Input	1762	R		Percent		
Breaker Utilization - Circuit 19	19					13492	13493	Analog Input	1763	R		Percent		
Breaker Utilization - Circuit 20	20					13494	13495	Analog Input	1764	R		Percent		
Breaker Utilization - Circuit 21	21					13496	13497	Analog Input	1765	R		Percent		
Breaker Utilization - Circuit 22	22					13498	13499	Analog Input	1766	R		Percent		
Breaker Utilization - Circuit 23	23					13500	13501	Analog Input	1767	R		Percent		
Breaker Utilization - Circuit 24	24					13502	13503	Analog Input	1768	R		Percent		
Breaker Utilization - Circuit 25	25					13504	13505	Analog Input	1769	R		Percent		
Breaker Utilization - Circuit 26	26					13506	13507	Analog Input	1770	R		Percent		
Breaker Utilization - Circuit 27	27					13508	13509	Analog Input	1771	R		Percent		
Breaker Utilization - Circuit 28	28					13510	13511	Analog Input	1772	R		Percent		
Breaker Utilization - Circuit 29	29					13512	13513	Analog Input	1773	R		Percent		
Breaker Utilization - Circuit 30	30					13514	13515	Analog Input	1774	R		Percent		
Breaker Utilization - Circuit 31	31					13516	13517	Analog Input	1775	R		Percent		
Breaker Utilization - Circuit 32	32					13518	13519	Analog Input	1776	R		Percent		
Breaker Utilization - Circuit 33	33					13520	13521	Analog Input	1777	R		Percent		
Breaker Utilization - Circuit 34	34					13522	13523	Analog Input	1778	R		Percent		
Breaker Utilization - Circuit 35	35					13524	13525	Analog Input	1779	R		Percent		
Breaker Utilization - Circuit 36	36					13526	13527	Analog Input	1780	R		Percent		
Breaker Utilization - Circuit 37	37					13528	13529	Analog Input	1781	R		Percent		
Breaker Utilization - Circuit 38	38					13530	13531	Analog Input	1782	R		Percent		
Breaker Utilization - Circuit 39	39					13532	13533	Analog Input	1783	R		Percent		
Breaker Utilization - Circuit 40	40					13534	13535	Analog Input	1784	R		Percent		
Breaker Utilization - Circuit 41	41					13536	13537	Analog Input	1785	R		Percent		
Breaker Utilization - Circuit 42	42					13538	13539	Analog Input	1786	R		Percent		
Breaker Utilization - Circuit 43	43					13540	13541	Analog Input	1787	R		Percent		
Breaker Utilization - Circuit 44	44					13542	13543	Analog Input	1788	R		Percent		
Breaker Utilization - Circuit 45	45					13544	13545	Analog Input	1789	R		Percent		
Breaker Utilization - Circuit 46	46					13546	13547	Analog Input	1790	R		Percent		
Breaker Utilization - Circuit 47	47					13548	13549	Analog Input	1791	R		Percent		
Breaker Utilization - Circuit 48	48					13550	13551	Analog Input	1792	R		Percent		
Breaker Utilization - Circuit 49	49					13552	13553	Analog Input	1793	R		Percent		
Breaker Utilization - Circuit 50	50					13554	13555	Analog Input	1794	R		Percent		
Breaker Utilization - Circuit 51	51					13556	13557	Analog Input	1795	R		Percent		
Breaker Utilization - Circuit 52	52					13558	13559	Analog Input	1796	R		Percent		
Breaker Utilization - Circuit 53	53					13560	13561	Analog Input	1797	R		Percent		
Breaker Utilization - Circuit 54	54					13562	13563	Analog Input	1798	R		Percent		
Breaker Utilization - Circuit 55	55					13564	13565	Analog Input	1799	R		Percent		
Breaker Utilization - Circuit 56	56					13566	13567	Analog Input	1800	R		Percent		
Breaker Utilization - Circuit 57	57					13568	13569	Analog Input	1801	R		Percent		
Breaker Utilization - Circuit 58	58					13570	13571	Analog Input	1802	R		Percent		
Breaker Utilization - Circuit 59	59					13572	13573	Analog Input	1803	R		Percent		
Breaker Utilization - Circuit 60	60					13574	13575	Analog Input	1804	R		Percent		
Breaker Utilization - Circuit 61	61					13576	13577	Analog Input	1805	R		Percent		
Breaker Utilization - Circuit 62	62					13578	13579	Analog Input	1806	R		Percent		
Breaker Utilization - Circuit 63	63					13580	13581	Analog Input	1807	R		Percent		
Breaker Utilization - Circuit 64	64					13582	13583	Analog Input	1808	R		Percent		
Breaker Utilization - Circuit 65	65					13584	13585	Analog Input	1809	R		Percent		
Breaker Utilization - Circuit 66	66					13586	13587	Analog Input	1810	R		Percent		
Breaker Utilization - Circuit 67	67					13588	13589	Analog Input	1811	R		Percent		
Breaker Utilization - Circuit 68	68					13590	13591	Analog Input	1812	R		Percent		
Breaker Utilization - Circuit 69	69					13592	13593	Analog Input	1813	R		Percent		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Breaker Utilization - Circuit 70	70					13594	13595	Analog Input	1814	R		Percent		
Breaker Utilization - Circuit 71	71					13596	13597	Analog Input	1815	R		Percent		
Breaker Utilization - Circuit 72	72					13598	13599	Analog Input	1816	R		Percent		
Breaker Utilization - Circuit 73	73					13600	13601	Analog Input	1817	R		Percent		
Breaker Utilization - Circuit 74	74					13602	13603	Analog Input	1818	R		Percent		
Breaker Utilization - Circuit 75	75					13604	13605	Analog Input	1819	R		Percent		
Breaker Utilization - Circuit 76	76					13606	13607	Analog Input	1820	R		Percent		
Breaker Utilization - Circuit 77	77					13608	13609	Analog Input	1821	R		Percent		
Breaker Utilization - Circuit 78	78					13610	13611	Analog Input	1822	R		Percent		
Breaker Utilization - Circuit 79	79					13612	13613	Analog Input	1823	R		Percent		
Breaker Utilization - Circuit 80	80					13614	13615	Analog Input	1824	R		Percent		
Breaker Utilization - Circuit 81	81					13616	13617	Analog Input	1825	R		Percent		
Breaker Utilization - Circuit 82	82					13618	13619	Analog Input	1826	R		Percent		
Breaker Utilization - Circuit 83	83					13620	13621	Analog Input	1827	R		Percent		
Breaker Utilization - Circuit 84	84					13622	13623	Analog Input	1828	R		Percent		
Breaker Utilization - Circuit 85	85					13624	13625	Analog Input	1829	R		Percent		
Breaker Utilization - Circuit 86	86					13626	13627	Analog Input	1830	R		Percent		
Breaker Utilization - Circuit 87	87					13628	13629	Analog Input	1831	R		Percent		
Breaker Utilization - Circuit 88	88					13630	13631	Analog Input	1832	R		Percent		
Breaker Utilization - Circuit 89	89					13632	13633	Analog Input	1833	R		Percent		
Breaker Utilization - Circuit 90	90					13634	13635	Analog Input	1834	R		Percent		
Breaker Utilization - Circuit 91	91					13636	13637	Analog Input	1835	R		Percent		
Breaker Utilization - Circuit 92	92					13638	13639	Analog Input	1836	R		Percent		
Breaker Utilization - Circuit 93	93					13640	13641	Analog Input	1837	R		Percent		
Breaker Utilization - Circuit 94	94					13642	13643	Analog Input	1838	R		Percent		
Breaker Utilization - Circuit 95	95					13644	13645	Analog Input	1839	R		Percent		
Breaker Utilization - Circuit 96	96					13646	13647	Analog Input	1840	R		Percent		
True Meter														
Meter Configuration														
True Meter #1	1					15060	15485							*Add 500 for next Circuit*
# of Circuits Assigned														
Assigned Circuits										R	NV			*Read Only Registers (Use **Meter Configuration** registers to configure)*
Assigned Circuit to True Meter Circuit 1										R	NV			
Assigned Circuit to True Meter Circuit 2										R	NV			
Assigned Circuit to True Meter Circuit 3										R	NV			
CT Size										R	NV	Amps		*Read Only Registers (Use **Meter Configuration** registers to configure)*
CT Size - Assigned Circuit 1										R	NV	Amps		
CT Size - Assigned Circuit 2										R	NV	Amps		
CT Size - Assigned Circuit 3										R	NV	Amps		
Breaker Size										R	NV	Amps		*Read Only Registers (Use **Meter Configuration** registers to configure)*
Breaker Size - Assigned Circuit 1										R	NV	Amps		
Breaker Size - Assigned Circuit 2										R	NV	Amps		
Breaker Size - Assigned Circuit 3										R	NV	Amps		
Voltage Phase										R	NV			*Read Only Registers (Use **Meter Configuration** registers to configure)*
Voltage Phase - Assigned Circuit 1										R	NV			
Voltage Phase - Assigned Circuit 2										R	NV			
Voltage Phase - Assigned Circuit 3										R	NV			
Meter Name - 40 Characters (20 Register)														

Description	#	Modbus Registers Integer Start (MSW)	Integer End (LSW)	Integer Scale	Integer Type	Float MSW	Float LSW	Bacnet Objects Object Type	Bacnet Objects Instance #	R/W	NV	Units	Range	Notes
Voltage														
Frequency						15060	15061			R		Hz		
Voltage LN						15062	15069			R		Volts		
Voltage LN - Average of Assigned Circuit						15062	15063			R		Volts		
Voltage LN - Assigned Circuit 1						15064	15065			R		Volts		
Voltage LN - Assigned Circuit 2						15066	15067			R		Volts		
Voltage LN - Assigned Circuit 3						15068	15069			R		Volts		
Voltage LN THD						15070	15077			R		Volts		
Voltage LN THD - Average of Assigned Circuit						15070	15071			R		Volts		
Voltage LN THD - Assigned Circuit 1						15072	15073			R		Volts		
Voltage LN THD - Assigned Circuit 2						15074	15075			R		Volts		
Voltage LN THD - Assigned Circuit 3						15076	15077			R		Volts		
True Meter #1 Total/Average														
Energy Scale														
Power Scale														
Current Scale														
Voltage Scale														
Alarm Status														
kWh						15300	15301			R	NV	kWh		
kVARh						15302	15303			R	NV	kVARh		
kVAh						15304	15305			R	NV	kVAh		
kW						15306	15307			R		kW		
kVAR						15308	15309			R		kVAR		
kVA						15310	15311			R		kVA		
Current						15312	15313			R		Amps		
Power Factor Average						15314	15315			R			0 - 1.0	*Average Power Factor is not signed*
Neutral Current						15316	15317					Amps		
Current THD Average						15318	15319			R		Percent		
Max Current						15320	15321			R		Amps		
Max kW						15322	15323			R		kW		
Current Demand						15324	15325			R		Amps		
kW Demand						15326	15327			R		kW		
Max Current Demand						15328	15329			R		Amps		
Max kW Demand						15330	15331			R		kW		
KWH Snapshot						15332	15333			R		kWh		
Crest Factor						15334	15335			R				
True Meter #1 Circuit 1														
Energy Scale														
Power Scale														
Current Scale														
Voltage Scale														
Alarm Status														
kWh						15350	15351			R	NV	kWh		
kVARh						15352	15353			R	NV	kVARh		
kVAh						15354	15355			R	NV	kVAh		
kW						15356	15357			R		kW		
kVAR						15358	15359			R		kVAR		
kVA						15360	15361			R		kVA		
Current						15362	15363			R		Amps		
Power Factor						15364	15365			R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
Current Angle						15366	15367			R		Degrees		
Percent THD						15368	15369			R		Percent		
Max Current						15370	15371			R		Amps		
Max kW						15372	15373			R		kW		
Current Demand						15374	15375			R		Amps		
kW Demand						15376	15377			R		kW		
Max Current Demand						15378	15379			R		Amps		
Max kW Demand						15380	15381			R		kW		
KWH Snapshot						15382	15383			R		kWh		
Crest Factor						15384	15385			R				
Breaker Utilization						15386	15387			R		Percent		*(Current / Breaker Size) * 100*
True Meter #1 Circuit 2														
Energy Scale														
Power Scale														
Current Scale														
Voltage Scale														
Alarm Status														
kWh						15400	15401			R	NV	kWh		
kVARh						15402	15403			R	NV	kVARh		
kVAh						15404	15405			R	NV	kVAh		
kW						15406	15407			R		kW		
kVAR						15408	15409			R		kVAR		
kVA						15410	15411			R		kVA		
Current						15412	15413			R		Amps		
Power Factor						15414	15415			R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Current Angle						15416	15417			R		Degrees		
Percent THD						15418	15419			R		Percent		
Max Current						15420	15421			R		Amps		
Max kW						15422	15423			R		kW		
Current Demand						15424	15425			R		Amps		
kW Demand						15426	15427			R		kW		
Max Current Demand						15428	15429			R		Amps		
Max kW Demand						15430	15431			R		kW		
KWH Snapshot						15432	15433			R		kWh		
Crest Factor						15434	15435			R				
Breaker Utilization						15436	15437			R		Percent		*(Current / Breaker Size) * 100*
True Meter #1 Circuit 3														
Energy Scale														
Power Scale														
Current Scale														
Voltage Scale														
Alarm Status														
kWh						15450	15451			R	NV	kWh		
kVARh						15452	15453			R	NV	kVARh		
kVAh						15454	15455			R	NV	kVAh		
kW						15456	15457			R		kW		
kVAR						15458	15459			R		kVAR		
kVA						15460	15461			R		kVA		
Current						15462	15463			R		Amps		
Power Factor						15464	15465			R			-1.0 - 1.0	*Positive for Leading (Capacitive), Negative for Lagging (Inductive)*
Current Angle						15466	15467			R		Degrees		
Percent THD						15468	15469			R		Percent		
Max Current						15470	15471			R		Amps		
Max kW						15472	15473			R		kW		
Current Demand						15474	15475			R		Amps		

		Modbus Registers						Bacnet Objects						
		Integer				Float								
Description	#	Start (MSW)	End (LSW)	Scale	Type	MSW	LSW	Object Type	Instance #	R/W	NV	Units	Range	*Notes*
kW Demand						15476	15477			R		kW		
Max Current Demand						15478	15479			R		Amps		
Max kW Demand						15480	15481			R		kW		
KWH Snapshot						15482	15483			R		kWh		
Crest Factor						15484	15485			R				
Breaker Utilization						15486	15487			R		Percent		*(Current / Breaker Size) * 100*
True Meter #2	2					15500	15999							*Meter #2 = (Meter #1 + 500)*
True Meter #3	3					16000	16499							*Meter #3 = (Meter #2 + 500)*