Command	Description	Units	Access Level		
			Monitor	User	Admin
REBOOT					
$REBOOT	Software reset			✓	✓
RAM SIZE					
$RAM	Get the RAM size in bytes		✓	✓	✓
HELP					
$HELP	Get help on commands; print all available commands		✓	✓	✓
DISCONNECT					
$EXIT	Disconnect from the Telnet server		✓	✓	✓
USER CONFIGURATION REGISTER					
$UCR,G	Get User Configuration (8 hex characters max)		✓	✓	✓
$UCR,S,YYYYYYYY	Set User Configuration (YYYYYYYY = 32-bit hexadecimal value) bit 0: Meter Mode: 0 = Live, 1 = Demo. bit 4: Power Source: 0 = Delta, 1 = Wye. bit 16: Append Units to SNMP Values: 0 = No, 1 = Yes. bit 17: Modbus Data Type: 0 = Double, 1 = Float. bit 24: BACnet Disable: 0 = No, 1 = Yes. bit 25: BACnet Security Disable: 0 = No, 1 = Yes. bit 29: Secure Protocols (SSL and SSH): 0 = Disabled, 1 = Enabled. **Note:** all undefined bits should be zero.				✓
DISPLAY CONFIGURATION REGISTER					
$DCR,G	Get Display Configuration (8 hex characters max)		✓	✓	✓
$DCR,S,YYYYYYYY	Set Display Configuration (YYYYYYYY = 32-bit hexadecimal value) bit 0: Display Line to Neutral Voltages. bit 4: Display Line to Line Voltages. bit 8: Display Infeed Line Currents. bit 9: Display Infeed Neutral Current. bit 12: Display Infeed Power Factor (All Phases). **Note:** all undefined bits should be zero.				✓
ADMIN PASSWORD					
$PWA,G	Get telnet admin login password				✓

$PWA,S,YYYYYYY	Set telnet admin login password (15 characters max)				✓
USER PASSWORD					
$PWU,G	Get telnet user login password				✓
$PWU,S,YYYYYYY	Set telnet user login password (15 characters max)				✓
BLINK POWER LED					
$BLKPWRLED	Causes the Power LED to blink 5 times/second for 5 seconds		✓	✓	✓
LCD POWER DOWN TIME		seconds			
$LCDPDT,G	Get LCD power down time		✓	✓	✓
$LCDPDT,S,Y	Set LCD power down time (Y = time in seconds, 0 turns off this feature)			✓	✓
LCD BACKLIGHT LEVEL					
$LCDBL,G	Get LCD backlight level		✓	✓	✓
$LCDBL,S,Y	Set LCD backlight level (Y = 1 to 10)			✓	✓
LCD SLIDESHOW SPEED		seconds			
$LCDSS,G	Get LCD slideshow speed		✓	✓	✓
$LCDSS,S,Y	Set LCD slideshow speed (Y = time in seconds)			✓	✓
VENDOR NAME	**Factory defined**				
$VNAM,G	Get Vendor Name (31 characters max)		✓	✓	✓
DEVICE NAME	**Character field for the user to store information**				
$NAME,G	Get Device Name		✓	✓	✓
$NAME,S,YYYYYYYYYYYY	Set Device Name (31 characters max)				✓
DEVICE LOCATION	**Character Field for the user to store information**				
$DEVLO,G	Get Device Location		✓	✓	✓
$DEVLO,S,YYYYYYYYYYYY	Set Device Location (15 characters max)				✓
DEVICE ID	**Character Field for the user to store information**				
$ID,G	Get Device ID		✓	✓	✓
$ID,S,YYYYYYYYYYYY	Set Device ID (23 characters max)				✓
MODEL NUMBER	**Factory defined F number**				
$MODEL,G	Get Model Number (15 characters max)		✓	✓	✓
SERIAL NUMBER	**Factory defined serial number**				
$SERIAL,G	Get Meter's Serial Number (15 characters max)		✓	✓	✓

PRODUCT SERIAL NUMBER	**Factory defined product serial number**				
$PSERIAL,G	Get Meter's Product Serial Number (15 characters max)		✓	✓	✓
PRODUCT TYPE	**Factory defined catalog number**				
$TYPE,G	Get Product Type (39 characters max)		✓	✓	✓
HARDWARE VERSION	**ex: 139-101-0 A**				
$HV,G	Get Hardware number and version (19 characters max)		✓	✓	✓
FIRMWARE VERSION	**ex: R22276-116 v1.45**				
$FV,G	Get Firmware number and version (19 characters max)		✓	✓	✓
METER VERSION	**ex: V1.20**				
$MV,G	Get meter version (15 characters max)		✓	✓	✓
WiFi VERSION	**ex: 0x2124a503**				
$WV,G	Get WiFi version (15 characters max)		✓	✓	✓
CALIBRATION DATE	**ex: 2014-08-27**				
$CALD,G	Get Calibration Date (15 characters max)		✓	✓	✓
LAN MAC ADDRESS					
$LANMAC,G	Get LAN MAC Address		✓	✓	✓
LAN IP ADDRESS					
$LANIP	Get LAN IP Address		✓	✓	✓
LAN SUBNET MASK ADDRESS					
$LANMK	Get LAN Subnet Mask Address		✓	✓	✓
LAN GATEWAY ADDRESS					
$LANGW,G	Get LAN Gateway Address		✓	✓	✓
LAN DHCP	**X = 0 or 1**				
$LANDHCP,G	Get Status of LAN DHCP Enable		✓	✓	✓
$LANDHCP,S,X	Set Status of LAN DHCP Enable Note: Changes to LAN settings take effect after reboot.				✓
LAN STATIC IP ADDRESS					
$LANSIP,G	Get LAN Static IP Address		✓	✓	✓
$LANSIP,S,YYY.YYY.YYY.YYY	Set LAN Static IP Address				✓
LAN STATIC SUBNET MASK ADDRESS					

$LANSMK,G	Get LAN Static Subnet Mask Address		✓	✓	✓
$LANSMK,S,YYY.YYY.YYY.YYY	Set LAN Static Subnet Mask Address				✓
LAN STATIC GATEWAY ADDRESS					
$LANSGW,G	Get LAN Static Gateway Address		✓	✓	✓
$LANSGW,S,YYY.YYY.YYY.YYY	Set LAN Static Gateway Address				✓
WLAN MAC ADDRESS					
$WLANMAC	Get WLAN MAC Address		✓	✓	✓
WLAN IP ADDRESS					
$WLANIP	Get WLAN IP Address		✓	✓	✓
WLAN SUBNET MASK ADDRESS					
$WLANMK	Get WLAN Subnet Mask Address		✓	✓	✓
WLAN GATEWAY ADDRESS					
$WLANGW	Get WLAN Gateway Address		✓	✓	✓
WLAN DHCP	**X = 0 or 1**				
$WLANDHCP,G	Get Status of WLAN DHCP Enable		✓	✓	✓
$WLANDHCP,S,X	Set Status of WLAN DHCP Enable Note: Changes to WLAN settings take effect after reboot.				✓
WLAN STATIC IP ADDRESS					
$WLANSIP,G	Get WLAN Static IP Address		✓	✓	✓
$WLANSIP,S,YYY.YYY.YYY.YYY	Set WLAN Static IP Address				✓
WLAN STATIC SUBNET MASK ADDRESS					
$WLANSMK,G	Get WLAN Static Subnet Mask Address		✓	✓	✓
$WLANSMK,S,YYY.YYY.YYY.YYY	Set WLAN Static Subnet Mask Address				✓
WLAN STATIC GATEWAY ADDRESS					
$WLANSGW,G	Get WLAN Static Gateway Address		✓	✓	✓
$WLANSGW,S,YYY.YYY.YYY.YYY	Set WLAN Static Gateway Address				✓
WLAN SSID					
$WLANSSID,G	Get WLAN SSID		✓	✓	✓
$WLANSSID,S,YYYY	Set WLAN SSID (YYYY = 1 to 32 Alphanumeric Characters)				✓
WLAN PASSWORD					

$WLANPWD,G	Get WLAN Password		✓	✓	✓
$WLANPWD,S,YYYY	Set WLAN Password YYYY = Text String wpa2: 8 to 64 Characters wpa: 8 to 64 Characters wep: 10 to 26 Hexadecimal Characters				✓
WLAN ENCRYPTION					
$WLANENC,G	Get WLAN Encryption		✓	✓	✓
$WLANENC,S,YYYY	Set WLAN Encryption YYYY = none, wpa, or wpa2 (lower case text only)				✓
BACNET DEVICE INSTANCE					
$BDI,G	Get BACnet Device Instance		✓	✓	✓
$BDI,S,Y	Set BACnet Device Instance (Y = 0 to 4194303)				✓
BACNET UDP PORT					
$BIPORT,G	Get BACnet UDP Port		✓	✓	✓
$BIPORT,S,YYYYY	Set BACnet UDP Port (YYYYY = 47808 to 47817)				✓
BACNET BBMD IP ADDRESS					
$BBMDIP,G	Get BACnet BBMD IP Address		✓	✓	✓
$BBMDIP,S,YYY.YYY.YYY.YYY	Set BACnet BBMD IP Address				✓
$BBMDIP,R	Disable Foreign Device Registration (BBMD IP Address is set to 0.0.0.0)				✓
BACNET BBMD REGISTRATION TIME-TO-LIVE					
$BBMDTTL,G	Get BACnet BBMD Registration Time-To-Live (default = 60 seconds)		✓	✓	✓
$BBMDTTL,S,Y	Set BACnet BBMD Registration Time-To-Live (Y = 10 to 3600 seconds)				✓
MODBUSM20 BASE ADDRESS					
$MODM20BA,G	Get modbus M20 base address		✓	✓	✓
$MODM20BA,S,Y	Set modbus M20 base address (Y: 0 = M4, 1 = M20) Note: Changes to Modbus settings take effect after reboot. M4 mode shifts registers 1-40 to 0-39. M20 mode does not move registers 1-40.				✓
MODBUS SERIAL ADDRESS					
$MODSA,G	Get Modbus Serial Address		✓	✓	✓
$MODSA,S,YYYYY	Set Modbus Serial Address				✓
MODBUS BAUD RATE		baud			
$MODBD,G	Get baud rate		✓	✓	✓

$MODBD,S,YYYYY	Set baud rate (YYYYY = 9600 or 19200)				✓
MODBUS SERIAL STOP BITS					
$MODST,G	Get number of stop bits		✓	✓	✓
$MODST,S,Y	Set number of stop bits (Y: 1 = 1 Stop Bit, 2 = Stop Bits)				✓
MODBUS PARITY					
$MODP,G	Get Modbus Parity		✓	✓	✓
$MODP,S,Y	Set Modbus Parity (Y: 0 = Even, 1 = Odd, 2 = None) Note: If Parity is 0 or 1, Stop Bits is forced to 1 after reboot.				✓
MODBUS ADMINISTRATOR ACCESS CODE	**XXXXX = 0 - 65535**				
$MODAAC,G	Get Modbus Administrator Access Code				✓
$MODAAC,S,XXXXX	Set Modbus Administrator Access Code (default = 2570 decimal)				✓
MODBUS OPERATOR ACCESS CODE	**XXXXX = 0 - 65535**				
$MODUAC,G	Get Modbus Operator Access Code				✓
$MODUAC,S,XXXXX	Set Modbus Operator Access Code (default = 0)				✓
SNMP TRAP DESTINATION ADDRESS 1					
$SNMPTD1,G	Get SNMP Trap Destination Address 1		✓	✓	✓
$SNMPTD1,S,YYY.YYY.YYY.YYY	Set SNMP Trap Destination Address 1				✓
SNMP TRAP DESTINATION ADDRESS 2					
$SNMPTD2,G	Get SNMP Trap Destination Address 2		✓	✓	✓
$SNMPTD2,S,YYY.YYY.YYY.YYY	Set SNMP Trap Destination Address 2				✓
SNMP READ COMMUNITY NAME					
$SNMPRCN,G	Get SNMP Read community name		✓	✓	✓
$SNMPRCN,S,YYYYYYYYY	Set SNMP Read community name				✓
SNMP WRITE COMMUNITY NAME					
$SNMPWCN,G	Get SNMP Write community name		✓	✓	✓
$SNMPWCN,S,YYYYYYYYY	Set SNMP Write community name				✓
SNMP TRAP COMMUNITY NAME					
$SNMPTCN,G	Get SNMP TRAP community name		✓	✓	✓
$SNMPTCN,S,YYYYYYYYY	Set SNMP TRAP community name				✓
SNMP TRAP ALARM BACKOFF					
$ALMBACK,G	Get SNMP Trap Alarm Backoff Time		✓	✓	✓
$ALMBACK,S,X	Set SNMP Trap Alarm Backoff Time in Seconds				✓

	Note: prevents SNMP Trap chatter if a monitored value is bouncing across an alarm threshold.				
EMAIL FROM ADDRESS	**ex: noReply@uecorp.com**				
$EMFM,G	Get Email Address		✓	✓	✓
$EMFM,S,YYYYYYYYY	Set Email Address				✓
EMAIL TO ADDRESS					
$EMTO,G	Get Email Address		✓	✓	✓
$EMTO,S,YYYYYYYYY	Set Email Address				✓
EMAIL SERVER					
$EMSVR,G	Get Server		✓	✓	✓
$EMSVR,S,YYYYYYYY	Set Server				✓
EMAIL PORT					
$EMPT,G	Get Port		✓	✓	✓
$EMPT,S,YYYYYYYY	Set Port				✓
EMAIL AUTHENTICATION	**Not currently available, set to 0 ($EMATH,S,0).**				
$EMATH,G	Get Authentication		✓	✓	✓
$EMATH,S,Y	Set Authentication (Y: 0 = None, 1 = Authentication Required)				✓
EMAIL LOGIN	**Not currently available, set to null string ($EMLOG,R).**				
$EMLOG,G	Get Login		✓	✓	✓
$EMLOG,S,YYYYYYYY	Set Login				✓
EMAIL PASSWORD	**Not currently available, set to null string ($EMPW,R).**				
$EMPW,G	Get Password		✓	✓	✓
$EMPW,S,YYYYYYYY	Set Password				✓
EMAIL ALARM HOLDOFF		seconds			
$EMAH,G	Get email holdoff. (Email is resent at this interval.)		✓	✓	✓
$EMAH,S,Y	Set email holdoff. (Y = Holdoff Time in seconds)				✓
EMAIL FILE					
$EMFILE,G	Get Email file name. (Default file stored in web pages as email.txt)		✓	✓	✓
$EMFILE,S,YYYYYYYY	Set email file name.				✓
SNTP SERVER					
$SNTPSVR,G	Get SNTP Server		✓	✓	✓

$SNTPSVR,S,YYYYYYYY	Set SNTP Server				✓
LINE TO NEUTRAL VOLTAGE AVERAGE		volts (rms)			
$LTNVA	Get Line to Neutral Voltage Average		✓	✓	✓
LINE TO LINE VOLTAGE AVERAGE		volts (rms)			
$LTLVA	Get Line to Line Voltage Average		✓	✓	✓
INFEED LINE CURRENT AVERAGE		amps (rms)			
$INFLCA	Get Infeed Line Current Average		✓	✓	✓
INFEED LINE CURRENT RATING		amps (rms)			
$INFLCR,G	Get Infeed Line Current Rating		✓	✓	✓
$INFLCR,S,YYY	Set Infeed Line Current Rating				✓
INFEED TOTAL LINE CURRENT DEMAND		amps (rms) per demand interval			
$INFCD,G	Infeed Current Demand (uses line current to determine demand)		✓	✓	✓
$INFCD,R	Reset Current Demand			✓	✓
INFEED TOTAL LINE CURRENT PEAK DEMAND		amps (rms) per demand interval			
$INFCPD,G	Infeed Current Peak Demand		✓	✓	✓
$INFCPD,R	Reset Current Peak Demand			✓	✓
INFEED DEMAND TIME		minutes			
$INFDT,G	Get Infeed Demand Interval		✓	✓	✓
$INFDT,S,YYY	Set Infeed Demand Interval			✓	✓
INFEED TOTAL ACTIVE POWER		watts			
$INFTACP	Get Infeed Total Active Power		✓	✓	✓
INFEED PEAK TOTAL ACTIVE POWER		watts			
$INFPTACP,G	Get Infeed Peak Total Active Power		✓	✓	✓
$INFPTACP,R	Reset Infeed Peak Total Active Power			✓	✓
INFEED TOTAL ACTIVE POWER DEMAND		watts per demand interval			
$INFTACPD,G	Get Infeed Total Active Power Demand		✓	✓	✓
$INFTACPD,R	Reset Infeed Total Active Power Demand			✓	✓
INFEED PEAK TOTAL ACTIVE POWER DEMAND		watts per demand interval			
$INFPTACPD,G	Get Infeed Peak Total Active Power Demand		✓	✓	✓

$INFPTACPD,R	Reset Infeed Peak Total Active Power Demand			✓	✓
INFEED TOTAL REACTIVE POWER		volt-amp reactive (var)			
$INFTRACP	Get Infeed Total Reactive Power		✓	✓	✓
INFEED TOTAL REACTIVE POWER DEMAND		var per demand interval			
$INFTRACPD,G	Get Infeed Total Reactive Power		✓	✓	✓
$INFTRACPD,R	Reset Infeed Total Reactive Power			✓	✓
INFEED PEAK TOTAL REACTIVE POWER DEMAND		var per demand interval			
$INFPTRACPD,G	Get Infeed Total Reactive Power		✓	✓	✓
$INFPTRACPD,R	Reset Infeed Total Reactive Power			✓	✓
INFEED TOTAL APPARENT POWER		volt-amp (VA)			
$INFTAPP	Get Infeed Total Apparent Power		✓	✓	✓
INFEED TOTAL APPARENT POWER DEMAND		VA per demand interval			
$INFTAPPD,G	Get Infeed Total Apparent Power Demand		✓	✓	✓
$INFTAPPD,R	Reset Infeed Total Apparent Power Demand			✓	✓
INFEED PEAK TOTAL APPARENT POWER DEMAND		VA per demand interval			
$INFPTAPPD,G	Get Infeed Peak Total Apparent Power Demand		✓	✓	✓
$INFPTAPPD,R	Reset Infeed Peak Total Apparent Power Demand			✓	✓
INFEED TOTAL POWER FACTOR					
$INFTPF,G	Get Infeed Total Power Factor		✓	✓	✓
INFEED ALARM STATUS					
$INFALM,G	Get Infeed alarm status		✓	✓	✓
INFEED MEASURED NEUTRAL CURRENT		amps (rms)			
$INFMNC	Get the Measured Neutral Current of the Infeed		✓	✓	✓
FREQUENCY		cycles per second (hertz)			
$FREQ	Get Frequency		✓	✓	✓
LINE TO LINE VOLTAGE		volts (rms)			
$LLV,A	Get Line to Line Voltage ph1, ph2, ph3		✓	✓	✓
$LLV,1	Get Line to Line Voltage ph1		✓	✓	✓

$LLV,2	Get Line to Line Voltage ph2		✓	✓	✓
$LLV,3	Get Line to Line Voltage ph3		✓	✓	✓
INFEED LINE CURRENT		amps (rms)			
$INFLC,A	Get Infeed Line Current: L1, L2, L3, CalcNeut, MeasNeut		✓	✓	✓
$INFLC,1	Get Infeed Line Current Line 1		✓	✓	✓
$INFLC,2	Get Infeed Line Current Line 2		✓	✓	✓
$INFLC,3	Get Infeed Line Current Line 3		✓	✓	✓
$INFLC,4	Get Infeed Line Current Calculated Neutral		✓	✓	✓
$INFLC,5	Get Infeed Line Current Measured Neutral		✓	✓	✓
INFEED LINE CURRENT MINUMUM		amps (rms)			
$INFLCMN,A,G	Get Infeed Line Current Minimum: L1, L2, L3, CalcNeut, MeasNeut		✓	✓	✓
$INFLCMN,A,R	Reset Line1, Line 2, Line 3, Neutral			✓	✓
$INFLCMN,1,G	Get Infeed Line Current Minimum Line 1		✓	✓	✓
$INFLCMN,1,R	Reset Line 1			✓	✓
$INFLCMN,2,G	Get Infeed Line Current Minimum Line 2		✓	✓	✓
$INFLCMN,2,R	Reset Line 2			✓	✓
$INFLCMN,3,G	Get Infeed Line Current Minimum Line 3		✓	✓	✓
$INFLCMN,3,R	Reset Line 3			✓	✓
$INFLCMN,4,G	Get Infeed Line Current Maximum Calculated Neutral		✓	✓	✓
$INFLCMN,4,R	Reset Infeed Line Current Maximum Calculated Neutral			✓	✓
$INFLCMN,5,G	Get Infeed Line Current Maximum Measured Neutral		✓	✓	✓
$INFLCMN,5,R	Reset Infeed Line Current Maximum Measured Neutral			✓	✓
INFEED LINE CURRENT MAXIMUM		amps (rms)			
$INFLCMX,A,G	Get Infeed Line Current Maximum: L1, L2, L3, CalcNeut, MeasNeut		✓	✓	✓
$INFLCMX,A,R	Reset Line1, Line 2, Line 3, Neutral			✓	✓
$INFLCMX,1,G	Get Infeed Line Current Maximum Line 1		✓	✓	✓
$INFLCMX,1,R	Reset Line 1			✓	✓
$INFLCMX,2,G	Get Infeed Line Current Maximum Line 2		✓	✓	✓
$INFLCMX,2,R	Reset Line 2			✓	✓
$INFLCMX,3,G	Get Infeed Line Current Maximum Line 3		✓	✓	✓
$INFLCMX,3,R	Reset Line 3			✓	✓
$INFLCMX,4,G	Get Infeed Line Current Maximum Calculated Neutral		✓	✓	✓

$INFLCMX,4,R	Reset Infeed Line Current Maximum Calculated Neutral			✓	✓
$INFLCMX,5,G	Get Infeed Line Current Maximum Measured Neutral		✓	✓	✓
$INFLCMX,5,R	Reset Infeed Line Current Maximum Measured Neutral			✓	✓
INFEED LINE CURRENT RATING % of		percent of rated			
$INFLCRP,A	Get Infeed Line Current % of Rated: L1, L2, L3, CalcNeut, MeasNeut		✓	✓	✓
$INFLCRP,1	Get Infeed Line Current % of Rated Line 1		✓	✓	✓
$INFLCRP,2	Get Infeed Line Current % of Rated Line 2		✓	✓	✓
$INFLCRP,3	Get Infeed Line Current % of Rated Line 3		✓	✓	✓
$INFLCRP,4	Get Infeed Line Current % of Rated Calculated Neutral		✓	✓	✓
$INFLCRP,5	Get Infeed Line Current % of Rated Measured Neutral		✓	✓	✓
INFEED LINE CURRENT MIN ALARM		amps (rms)			
$INFLCMNA,A,G	Get Infeed Line Current Minimum Alarm: L1, L2, L3, CalcNeut, MeasNeut		✓	✓	✓
$INFLCMNA,A,S,YYY,YYY,YYY,YYY,YYY	Set All			✓	✓
$INFLCMNA,1,G	Get Infeed Line Current Minimum Alarm Line 1		✓	✓	✓
$INFLCMNA,1,S,YYY	Set Line 1			✓	✓
$INFLCMNA,2,G	Get Infeed Line Current Minimum Alarm Line 2		✓	✓	✓
$INFLCMNA,2,S,YYY	Set Line 2			✓	✓
$INFLCMNA,3,G	Get Infeed Line Current Minimum Alarm Line 3		✓	✓	✓
$INFLCMNA,3,S,YYY	Set Line 3			✓	✓
$INFLCMNA,4,G	Get Infeed Line Current Minimum Alarm Calculated Neutral		✓	✓	✓
$INFLCMNA,4,S,YYY	Set Infeed Line Current Minimum Alarm Calculated Neutral			✓	✓
$INFLCMNA,5,G	Get Infeed Line Current Minimum Alarm Measured Neutral		✓	✓	✓
$INFLCMNA,5,S,YYY	Set Infeed Line Current Minimum Alarm Measured Neutral			✓	✓
INFEED LINE CURRENT MAX ALARM		amps (rms)			
$INFLCMXA,A,G	Get Infeed Line Current Maximum Alarm: L1, L2, L3, CalcNeut, MeasNeut		✓	✓	✓
$INFLCMXA,A,S,YYY,YYY,YYY,YYY,YYY	Set All			✓	✓
$INFLCMXA,1,G	Get Infeed Line Current Maximum Alarm Line 1		✓	✓	✓
$INFLCMXA,1,S,YYY	Set Line 1			✓	✓
$INFLCMXA,2,G	Get Infeed Line Current Maximum Alarm Line 2		✓	✓	✓
$INFLCMXA,2,S,YYY	Set Line 2			✓	✓
$INFLCMXA,3,G	Get Infeed Line Current Maximum Alarm Line 3		✓	✓	✓

$INFLCMXA,3,S,YYY	Set Line 3			✓	✓
$INFLCMXA,4,G	Get Infeed Line Current Maximum Alarm Calculated Neutral		✓	✓	✓
$INFLCMXA,4,S,YYY	Set Infeed Line Current Maximum Alarm Calculated Neutral			✓	✓
$INFLCMXA,5,G	Get Infeed Line Current Maximum Alarm Measured Neutral		✓	✓	✓
$INFLCMXA,5,S,YYY	Set Infeed Line Current Maximum Alarm Measured Neutral			✓	✓
INFEED LINE CURRENT DEMAND		amps (rms) per demand interval			
$INFLCD,A,G	Get Infeed Line Current Demand: L1, L2, L3, CalcNeut, MeasNeut		✓	✓	✓
$INFLCD,A,R	Reset Line1, Line 2, Line 3, Neutral			✓	✓
$INFLCD,1,G	Get Infeed Line Current Demand Line 1		✓	✓	✓
$INFLCD,1,R	Reset Line1			✓	✓
$INFLCD,2,G	Get Infeed Line Current Demand Line 2		✓	✓	✓
$INFLCD,2,R	Reset Line 2			✓	✓
$INFLCD,3,G	Get Infeed Line Current Demand Line 3		✓	✓	✓
$INFLCD,3,R	Reset Line 3			✓	✓
$INFLCD,4,G	Get Infeed Line Current Demand Calculated Neutral		✓	✓	✓
$INFLCD,4,R	Reset Infeed Line Current Demand Calculated Neutral			✓	✓
$INFLCD,5,G	Get Infeed Line Current Demand Measured Neutral		✓	✓	✓
$INFLCD,5,R	Reset Infeed Line Current Demand Measured Neutral			✓	✓
INFEED LINE CURRENT PEAK DEMAND		amps (rms) per demand interval			
$INFLCPD,A,G	Get Infeed Line Current Peak Demand: L1, L2, L3, CalcNeut, MeasNeut		✓	✓	✓
$INFLCPD,A,R	Reset Line1, Line 2, Line 3, Neutral			✓	✓
$INFLCPD,1,G	Get Infeed Line Current Peak Demand Line 1		✓	✓	✓
$INFLCPD,1,R	Reset Line1			✓	✓
$INFLCPD,2,G	Get Infeed Line Current Peak Demand Line 2		✓	✓	✓
$INFLCPD,2,R	Reset Line 2			✓	✓
$INFLCPD,3,G	Get Infeed Line Current Peak Demand Line 3		✓	✓	✓
$INFLCPD,3,R	Reset Line 3			✓	✓
$INFLCPD,4,G	Get Infeed Line Current Peak Demand Calculated Neutral		✓	✓	✓
$INFLCPD,4,R	Reset Infeed Line Current Peak Demand Calculated Neutral			✓	✓
$INFLCPD,5,G	Get Infeed Line Current Peak Demand Measured Neutral		✓	✓	✓
$INFLCPD,5,R	Reset Infeed Line Current Peak Demand Measured Neutral			✓	✓

LINE TO NEUTRAL VOLTAGE		volts (rms)			
$LNV,A	Get Line to Neutral Voltage ph1, ph2, ph3		✓	✓	✓
$LNV,1	Get Line to Neutral Voltage ph1		✓	✓	✓
$LNV,2	Get Line to Neutral Voltage ph2		✓	✓	✓
$LNV,3	Get Line to Neutral Voltage ph3		✓	✓	✓
LINE TO LINE VOLTAGE MINIMUM		volts (rms)			
$LLVMN,A,G	Get Line to Line Voltage Minimum ph1, ph2, ph3		✓	✓	✓
$LLVMN,A,R	Reset ph1, ph2, ph3			✓	✓
$LLVMN,1,G	Get Line to Line Voltage Minimum ph1		✓	✓	✓
$LLVMN,1,R	Reset ph1			✓	✓
$LLVMN,2,G	Get Line to Line Voltage Minimum ph2		✓	✓	✓
$LLVMN,2,R	Reset ph2			✓	✓
$LLVMN,3,G	Get Line to Line Voltage Minimum ph3		✓	✓	✓
$LLVMN,3,R	Reset ph3			✓	✓
LINE TO LINE VOLTAGE MAXIMUM		volts (rms)			
$LLVMX,A,G	Get Line to Line Voltage Maximum ph1, ph2, ph3		✓	✓	✓
$LLVMX,A,R	Reset ph1, ph2, ph3			✓	✓
$LLVMX,1,G	Get Line to Line Voltage Maximum ph1		✓	✓	✓
$LLVMX,1,R	Reset ph1			✓	✓
$LLVMX,2,G	Get Line to Line Voltage Maximum ph2		✓	✓	✓
$LLVMX,2,R	Reset ph2			✓	✓
$LLVMX,3,G	Get Line to Line Voltage Maximum ph3		✓	✓	✓
$LLVMX,3,R	Reset ph3			✓	✓
LINE TO LINE VOLTAGE MIN ALARM		volts (rms)			
$LLVMNA,A,G	Get Line to Line Voltage Minimum Alarm ph1, ph2, ph3		✓	✓	✓
$LLVMNA,A,S,YYY,YYY,YYY	Set ph1, ph2, ph3			✓	✓
$LLVMNA,1,G	Get Line to Line Voltage Minimum Alarm ph1		✓	✓	✓
$LLVMNA,1,S,YYY	Set ph1			✓	✓
$LLVMNA,2,G	Get Line to Line Voltage Minimum Alarm ph2		✓	✓	✓
$LLVMNA,2,S,YYY	Set ph2			✓	✓
$LLVMNA,3,G	Get Line to Line Voltage Minimum Alarm ph3		✓	✓	✓

$LLVMNA,3,S,YYY	Set ph3			✓	✓
LINE TO LINE VOLTAGE MAX ALARM		volts (rms)			
$LLVMXA,A,G	Get Line to Line Voltage Maximum Alarm ph1, ph2, ph3		✓	✓	✓
$LLVMXA,A,S,YYY,YYY,YYY	Set ph1, ph2, ph3			✓	✓
$LLVMXA,1,G	Get Line to Line Voltage Maximum Alarm ph1		✓	✓	✓
$LLVMXA,1,S,YYY	Set ph1			✓	✓
$LLVMXA,2,G	Get Line to Line Voltage Maximum Alarm ph2		✓	✓	✓
$LLVMXA,2,S,YYY	Set ph2			✓	✓
$LLVMXA,3,G	Get Line to Line Voltage Maximum Alarm ph3		✓	✓	✓
$LLVMXA,3,S,YYY	Set ph3			✓	✓
INFEED POWER FACTOR					
$INFPF,A	Get Infeed Power Factor ph1, ph2, ph3		✓	✓	✓
$INFPF,1	Get Infeed Power Factor ph1		✓	✓	✓
$INFPF,2	Get Infeed Power Factor ph2		✓	✓	✓
$INFPF,3	Get Infeed Power Factor ph3		✓	✓	✓
INFEED APPARENT POWER		volt-amp (VA)			
$INFAPP,A	Get Infeed Apparent Power ph1, ph2, ph3		✓	✓	✓
$INFAPP,1	Get Infeed Apparent Power ph1		✓	✓	✓
$INFAPP,2	Get Infeed Apparent Power ph2		✓	✓	✓
$INFAPP,3	Get Infeed Apparent Power ph3		✓	✓	✓
INFEED ACTIVE POWER		watts			
$INFACP,A	Get Infeed Active Power ph1, ph2, ph3		✓	✓	✓
$INFACP,1	Get Infeed Active Power ph1		✓	✓	✓
$INFACP,2	Get Infeed Active Power ph2		✓	✓	✓
$INFACP,3	Get Infeed Active Power ph3		✓	✓	✓
INFEED PEAK ACTIVE POWER		watts			
$INFPACP,A	Get Infeed Peak Active Power ph1, ph2, ph3		✓	✓	✓
$INFPACP,1	Get Infeed Peak Active Power ph1		✓	✓	✓
$INFPACP,2	Get Infeed Peak Active Power ph2		✓	✓	✓
$INFPACP,3	Get Infeed Peak Active Power ph3		✓	✓	✓
INFEED REACTIVE POWER		volt-amp reactive (var)			

$INFRACP,A	Get Infeed Reactive Power ph1, ph2, ph3		✓	✓	✓
$INFRACP,1	Get Infeed Reactive Power ph1		✓	✓	✓
$INFRACP,2	Get Infeed Reactive Power ph2		✓	✓	✓
$INFRACP,3	Get Infeed Reactive Power ph3		✓	✓	✓
INFEED ENERGY		kilowatt hour (kWh)			
$INFE,A,G	Get Infeed Energy ph1, ph2, ph3		✓	✓	✓
$INFE,1,G	Get Infeed Energy ph1		✓	✓	✓
$INFE,2,G	Get Infeed Energy ph2		✓	✓	✓
$INFE,3,G	Get Infeed Energy ph3		✓	✓	✓
INFEED TOTAL ENERGY		kWh			
$INFTE,G	Get Infeed Total Energy		✓	✓	✓
RESET ALL ENERGY VALUES					
$ENERGY,R	Reset All Energy Values			✓	✓
OUTLET X IDENTIFIER	**X = Outlet 1,2,3, or 4**				
$OTLID,X,G	Get Outlet X ID		✓	✓	✓
$OTLID,X,S,YYYYYYYY	Set Outlet X ID (15 characters max)				✓
OUTLET ALARM STATUS					
$OUTALM,G	Get OUTLET alarm status		✓	✓	✓
OUTLET X LINE CURRENT	**X = Outlet 1,2,3, or 4**	amps (rms)			
$OTLLC,X,A	Get Outlet X, Line Current Line 1 , Line 2, Line 3, Neutral		✓	✓	✓
$OTLLC,X,1	Get Outlet X, Line Current Line 1		✓	✓	✓
$OTLLC,X,2	Get Outlet X, Line Current Line 2		✓	✓	✓
$OTLLC,X,3	Get Outlet X, Line Current Line 3		✓	✓	✓
$OTLLC,X,N	Get Outlet X, Line Current Line Neutral		✓	✓	✓
OUTLET X LINE CURRENT RATING	**X = Outlet 1,2,3, or 4**	amps (rms)			
$OTLLCR,X,G	Get Outlet X Line Current Rating. One rating for each outlet		✓	✓	✓
OUTLET X LINE CURRENT RATING % of	**X = Outlet 1,2,3, or 4**	Percent of rated			
$OTLLCRP,X,A	Get Outlet X Line Current % of Rated Line 1, Line 2, Line 3, Neutral		✓	✓	✓
$OTLLCRP,X,1	Get Outlet X Line Current % of Rated Line 1		✓	✓	✓
$OTLLCRP,X,2	Get Outlet X Line Current % of Rated Line 2		✓	✓	✓
$OTLLCRP,X,3	Get Outlet X Line Current % of Rated Line 3		✓	✓	✓

$OTLLCRP,X,N	Get Outlet X Line Current % of Rated Neutral Conductor		✓	✓	✓
OUTLET X LINE CURRENT MINIMUM	**X = Outlet 1,2,3, or 4**	amps (rms)			
$OTLLCMN,X,A,G	Get Outlet Line Current Minimum Line 1 , Line 2, Line 3, Neutral		✓	✓	✓
$OTLLCMN,X,A,R	Reset Line1, Line 2, Line 3, Neutral			✓	✓
$OTLLCMN,X,1,G	Get Outlet Line Current Minimum Line 1		✓	✓	✓
$OTLLCMN,X,1,R	Reset Line 1			✓	✓
$OTLLCMN,X,2,G	Get Outlet Line Current Minimum Line 2		✓	✓	✓
$OTLLCMN,X,2,R	Reset Line 2			✓	✓
$OTLLCMN,X,3,G	Get Outlet Line Current Minimum Line 3		✓	✓	✓
$OTLLCMN,X,3,R	Reset Line 3			✓	✓
$OTLLCMN,X,N,G	Get Outlet Line Current Minimum Neutral Conductor		✓	✓	✓
$OTLLCMN,X,N,R	Reset Neutral			✓	✓
OUTLET X LINE CURRENT MAXIMUM	**X = Outlet 1,2,3, or 4**	amps (rms)			
$OTLLCMX,X,A,G	Get Outlet Line Current Maximum Line 1 , Line 2, Line 3, Neutral		✓	✓	✓
$OTLLCMX,X,A,R	Reset Line1, Line 2, Line 3, Neutral			✓	✓
$OTLLCMX,X,1,G	Get Outlet Line Current Maximum Line 1		✓	✓	✓
$OTLLCMX,X,1,R	Reset Line 1			✓	✓
$OTLLCMX,X,2,G	Get Outlet Line Current Maximum Line 2		✓	✓	✓
$OTLLCMX,X,2,R	Reset Line 2			✓	✓
$OTLLCMX,X,3,G	Get Outlet Line Current Maximum Line 3		✓	✓	✓
$OTLLCMX,X,3,R	Reset Line 3			✓	✓
$OTLLCMX,X,N,G	Get Outlet Line Current Maximum Neutral Conductor		✓	✓	✓
$OTLLCMX,X,N,R	Reset Neutral			✓	✓
OUTLET X CURRENT MIN ALARM	**X = Outlet 1,2,3, or 4**	amps (rms)			
$OTLCMNA,A,G	Get Current Minimum Alarm for All Outlets		✓	✓	✓
$OTLCMNA,A,S,YYY,YYY,YYY,YYY	Set Current Minimum Alarm for All Outlets			✓	✓
$OTLCMNA,X,G	Get Outlet X Current Minimum Alarm		✓	✓	✓
$OTLCMNA,X,S,YYY	Set Outlet X Current Minimum Alarm			✓	✓
OUTLET X CURRENT MAX ALARM	**X = Outlet 1,2,3, or 4**	amps (rms)			
$OTLCMXA,A,G	Get Current Maximum Alarm for All Outlets		✓	✓	✓
$OTLCMXA,A,S,YYY,YYY,YYY,YYY	Set Current Maximum Alarm for All Outlets			✓	✓

$OTLCMXA,X,G	Get Outlet X Current Maximum Alarm		✓	✓	✓
$OTLCMXA,X,S,YYY	Set Outlet X Current Maximum Alarm			✓	✓
OUTLET X DEMAND TIME	**X = Outlet 1,2,3, or 4**	minutes			
$OTLDT,X,G	Get Outlet X Demand Time		✓	✓	✓
$OTLDT,X,S,YYY	Set Outlet X Demand Time			✓	✓
OUTLET X TOTAL ACTIVE POWER	**X = Outlet 1,2,3, or 4**	watts			
$OTLTACP,X	Get Outlet X Total Active Power		✓	✓	✓
OUTLET X PEAK TOTAL ACTIVE POWER	**X = Outlet 1,2,3, or 4**	watts			
$OTLPTACP,X	Get Outlet X Peak Total Active Power		✓	✓	✓
OUTLET X TOTAL REACTIVE POWER	**X = Outlet 1,2,3, or 4**	volt-amp reactive (var)			
$OTLTRACP,X	Get Outlet X Total Reactive Power		✓	✓	✓
OUTLET X TOTAL APPARENT POWER	**X = Outlet 1,2,3, or 4**	volt-amp (VA)			
$OTLTAPP,X	Get Outlet X Total Apparent Power		✓	✓	✓
OUTLET X TOTAL POWER FACTOR	**X = Outlet 1,2,3, or 4**				
$OTLTPF,X,G	Get Outlet X Total Power Factor		✓	✓	✓
OUTLET X TOTAL ENERGY	**X = Outlet 1,2,3, or 4**	kilowatt hour (kWh)			
$OTLTE,X,G	Get Outlet X Total Energy		✓	✓	✓
OUTLET X LINE IDENTIFIER	**X = Outlet 1,2,3, or 4**				
$OTLPID,X,1,G	Get Outlet X Line 1 ID		✓	✓	✓
$OTLPID,X,1,S,YYYYYYYYYY	Set Outlet X Line 1 ID (15 characters max)			✓	✓
$OTLPID,X,2,G	Get Outlet X Line 2 ID		✓	✓	✓
$OTLPID,X,2,S,YYYYYYYYYY	Set Outlet X Line 2 ID (15 characters max)			✓	✓
$OTLPID,X,3,G	Get Outlet X Line 3 ID		✓	✓	✓
$OTLPID,X,3,S,YYYYYYYYYY	Set Outlet X Line 3 ID (15 characters max)			✓	✓
$OTLPID,X,N,G	Get Outlet X Neutral ID		✓	✓	✓
$OTLPID,X,N,S,YYYYYYYYYY	Set Outlet X Neutral ID (15 characters max)			✓	✓
OUTLET X LINE CURRENT DEMAND	**X = Outlet 1,2,3, or 4**	amps (rms) per demand interval			
$OTLLCD,X,A,G	Get Outlet X Line Current Demand Line 1, Line 2, Line 3, Neutral		✓	✓	✓
$OTLLCD,X,A,R	Reset Outlet X Line1, Line 2, Line 3, Neutral			✓	✓
$OTLLCD,X,1,G	Get Outlet X Line Current Demand Line 1		✓	✓	✓

$OTLLCD,X,1,R	Reset Outlet X Line1			✓	✓
$OTLLCD,X,2,G	Get Outlet X Line Current Demand Line 2		✓	✓	✓
$OTLLCD,X,2,R	Reset Outlet X Line 2			✓	✓
$OTLLCD,X,3,G	Get Outlet X Line Current Demand Line 3		✓	✓	✓
$OTLLCD,X,3,R	Reset Outlet X Line 3			✓	✓
$OTLLCD,X,N,G	Get Outlet X Line Current Demand Line Neutral		✓	✓	✓
$OTLLCD,X,N,R	Reset Outlet X Neutral			✓	✓
OUTLET X LINE CURRENT PEAK DEMAND	**X = Outlet 1,2,3, or 4**	amps (rms) per demand interval			
$OTLLCPD,X,A,G	Get Outlet X Line Current Peak Demand Line 1, Line 2, Line 3, Neutral		✓	✓	✓
$OTLLCPD,X,A,R	Reset Outlet X Line1, Line 2, Line 3, Neutral			✓	✓
$OTLLCPD,X,1,G	Get Outlet X Line Current Peak Demand Line 1		✓	✓	✓
$OTLLCPD,X,1,R	Reset Outlet X Line1			✓	✓
$OTLLCPD,X,2,G	Get Outlet X Line Current Peak Demand Line 2		✓	✓	✓
$OTLLCPD,X,2,R	Reset Outlet X Line 2			✓	✓
$OTLLCPD,X,3,G	Get Outlet X Line Current Peak Demand Line 3		✓	✓	✓
$OTLLCPD,X,3,R	Reset Outlet X Line 3			✓	✓
$OTLLCPD,X,N,G	Get Outlet X Line Current Peak Demand Neutral Conductor		✓	✓	✓
$OTLLCPD,X,N,R	Reset Outlet X Neutral			✓	✓
OUTLET X TOTAL LINE CURRENT DEMAND	**X = Outlet 1,2,3, or 4**	amps (rms) per demand interval			
$OTLTLCD,X,G	Get Outlet X Total Line Current Demand		✓	✓	✓
$OTLTLCD,X,R	Reset Outlet X Total Line Current Demand			✓	✓
OUTLET X PEAK TOTAL LINE CURRENT DEMAND	**X = Outlet 1,2,3, or 4**	amps (rms) per demand interval			
$OTLTLCPD,X,G	Get Outlet X Peak Total Line Current Demand		✓	✓	✓
$OTLTLCPD,X,R	Reset Outlet X Peak Total Line Current Demand			✓	✓