

PMC-53A-E Web Interface Introduction

2019/02/26

PMC-53A-E Web Interface

1. Login Page

- [Login Page](#)

2. Metering

- [Basic](#)
- [Energy](#)
- [Demand](#)
- [TOU](#)
- [Max./Min.](#)
- [I/O](#)

3. Power Quality

- [Harmonics](#)
- [Sym. Comp. & Unb.](#)

4. Events

- [SOE](#)

5. Setup

- [Basic](#)
- [Comm.](#)
- [Demand](#)
- [Clock](#)
- [Maintenance](#)
- [Device Info.](#)

Login Page

← → ↻ ⓘ Not secure | 192.168.1.121 ☆ ⋮

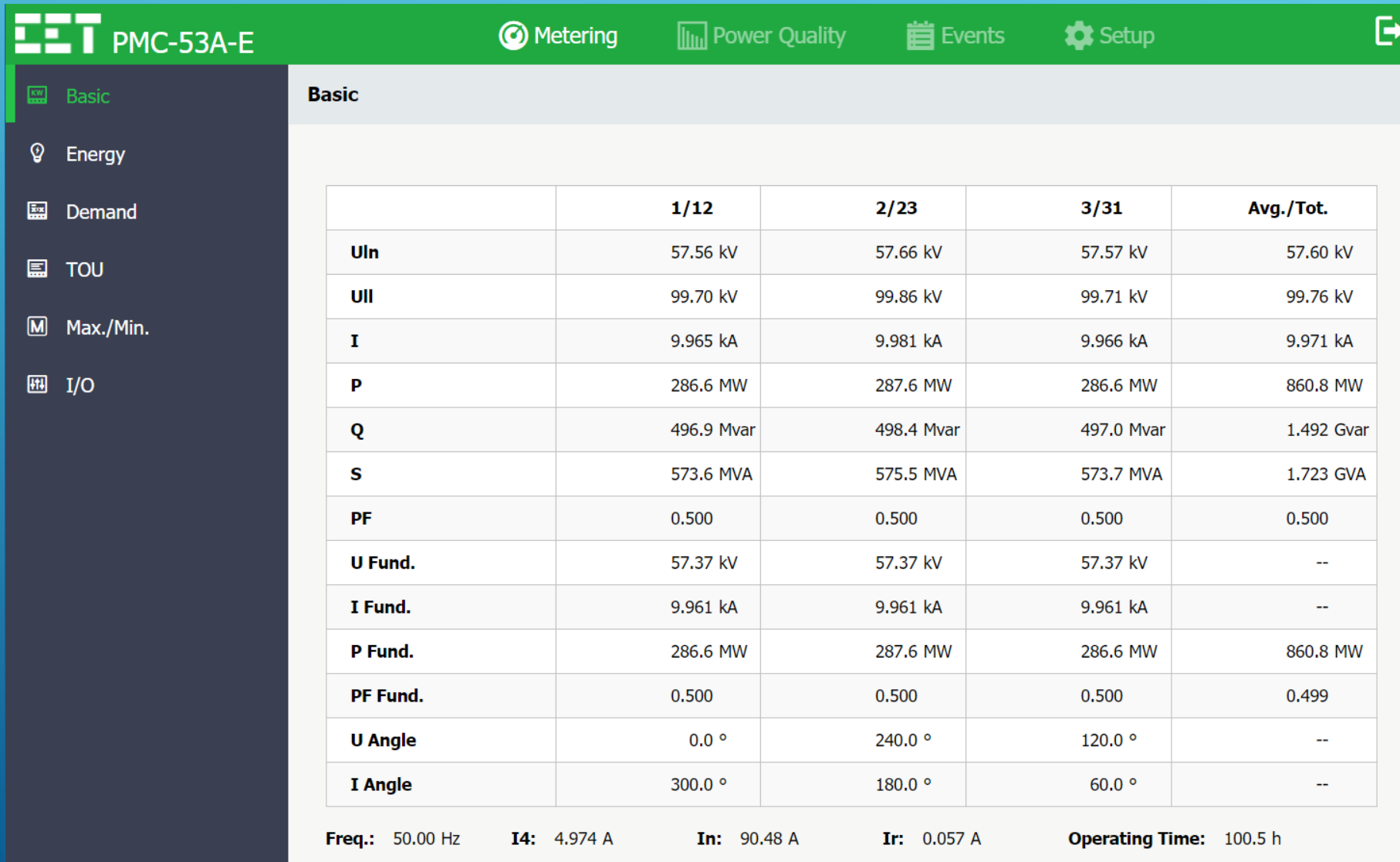
PMC-53A-E

Ethernet Multifunction Meter

please input password

Login

Metering-> Basic (Default)



Metering-> Energy

ET

PMC-53A-E

Metering

Power Quality

Events

Setup

Basic

Energy

Demand

TOU

Max./Min.

I/O

Energy

	Import	Export	Net	Total
kWh	43,410,251.9	0.1	43,410,251.8	43,410,252.0
kvarh	75,289,605.3	11.1	75,289,594.2	75,289,616.4
kVAh	--	--	--	86,907,887.4

Metering-> Demand

 PMC-53A-E

 Metering

 Power Quality

 Events

 Setup



 Basic

 Energy

 Demand

 TOU

 Max./Min.

 I/O

Demand

	Demand	Predicted	This Max.	Last Max.
P	0.000 kW	857.8 MW	858.1 MW	858.0 MW
Q	0.000 kvar	1.488 Gvar	1.488 Gvar	1.488 Gvar
S	0.000 kVA	1.717 GVA	1.718 GVA	1.718 GVA
I1	0.000 A	9.955 kA	9.957 kA	9.957 kA
I2	0.000 A	9.955 kA	9.957 kA	9.957 kA
I3	0.000 A	9.956 kA	9.957 kA	9.957 kA

Metering-> TOU

ET

PMC-53A-E

Metering

Power Quality

Events

Setup

Basic

Energy

Demand

TOU

Max./Min.

I/O

TOU

kWh Imp.	kWh Exp.	kvarh Imp.	kvarh Exp.	kVAh
Unit: kVAh				
T1	87,370,593.6	T5	0.0	
T2	0.0	T6	0.0	
T3	0.0	T7	0.0	
T4	0.0	T8	0.0	

Metering-> Max./Min.

 PMC-53A-E

 Metering  Power Quality  Events  Setup 

 Basic  Energy  Demand  TOU  **Max./Min.**  I/O

Max./Min.

Max.**Min.**

	This Min.	This Min. Timestamp	Last Min.	Last Min. Timestamp
U1	0.000 V	2019/02/12 06:55:31.000	0.000 V	2019/01/10 08:09:26.414
U2	0.000 V	2019/02/12 06:55:31.000	0.000 V	2019/01/10 08:09:26.414
U3	0.000 V	2019/02/12 06:55:31.000	0.000 V	2019/01/10 08:09:26.415
Uln Avg.	0.000 V	2019/02/12 06:55:31.000	0.000 V	2019/01/10 08:09:26.415
U12	0.000 V	2019/02/12 06:55:31.000	0.000 V	2019/01/10 08:09:26.415
U23	0.000 V	2019/02/12 06:55:31.000	0.000 V	2019/01/10 08:09:26.416
U31	0.000 V	2019/02/12 06:55:31.000	0.000 V	2019/01/10 08:09:26.416
Ull Avg.	0.000 V	2019/02/12 06:55:31.000	0.000 V	2019/01/10 08:09:26.416
I1	0.000 A	2019/02/12 06:55:31.000	0.000 A	2019/01/10 08:09:27.153
I2	0.000 A	2019/02/12 06:55:31.000	0.000 A	2019/01/10 08:09:27.154
I3	0.000 A	2019/02/12 06:55:31.000	0.000 A	2019/01/10 08:09:27.154
I Avg.	0.000 A	2019/02/12 06:55:31.000	0.000 A	2019/01/10 08:09:27.154
P1	0.000 kW	2019/02/12 06:55:31.000	NaN kW	2019/01/10 08:09:26.176

Metering-> I/O

ET

PMC-53A-E

Metering

Power Quality

Events

Setup

Basic

Energy

Demand

TOU

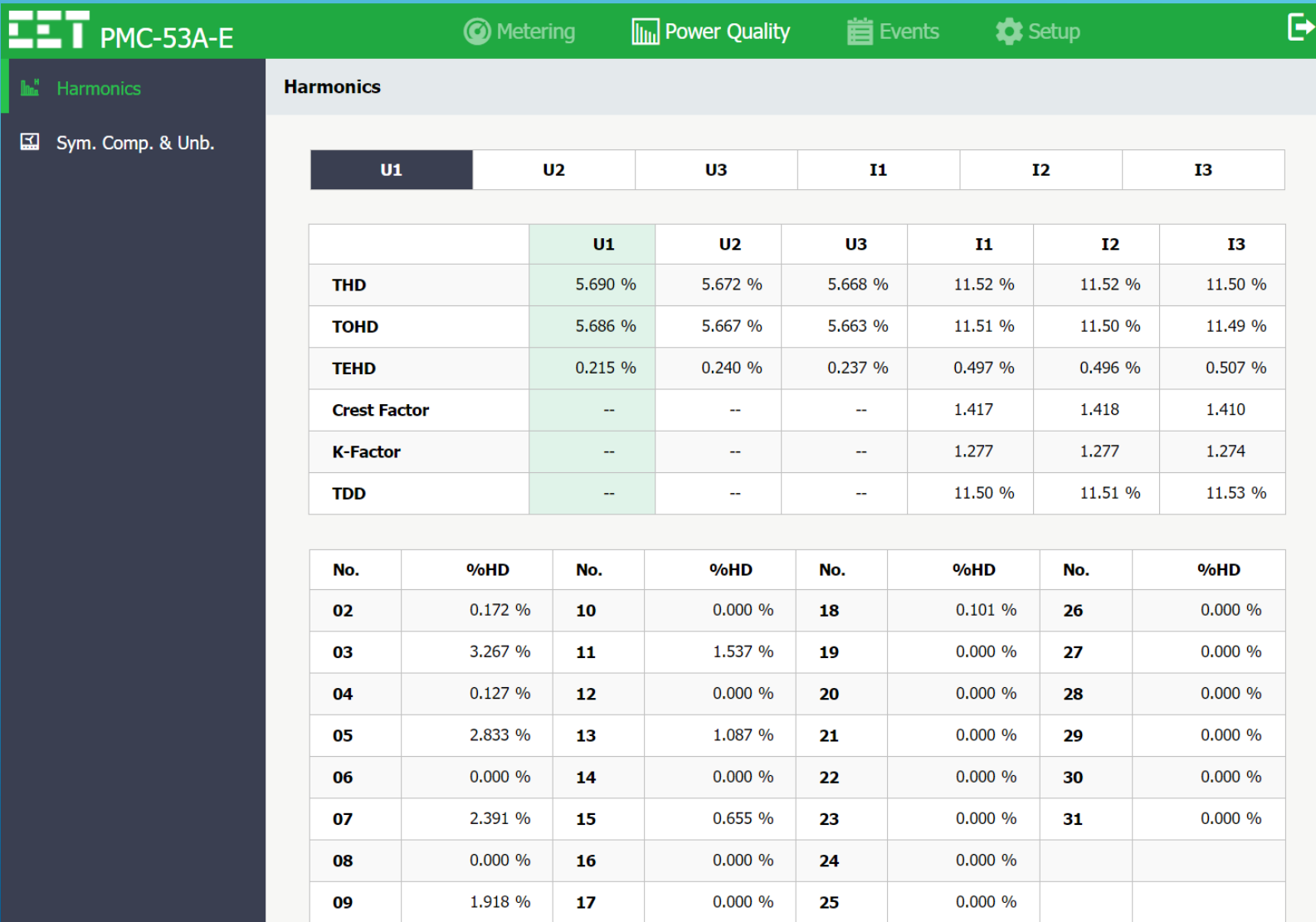
Max./Min.

I/O

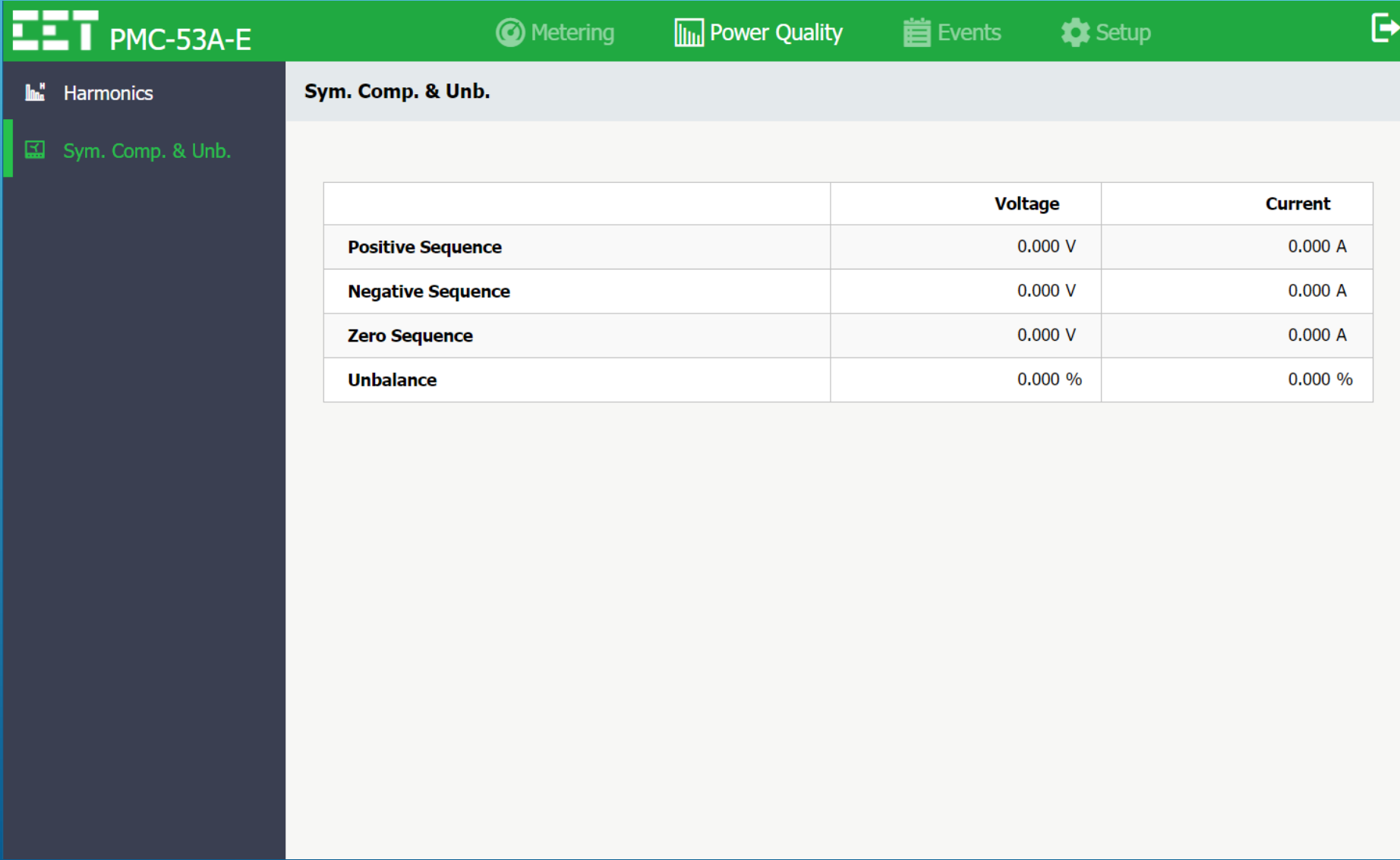
I/O

DI1	Digital Input	OFF
DI2	Digital Input	OFF
DI3	Digital Input	OFF
DI4	Digital Input	OFF
DO1		OFF
DO2		OFF
AI		1,000.00

Power Quality-> Harmonics



Power Quality-> Sym. Comp. & Unb



Events-> SOE



PMC-53A-E



Metering



Power Quality



Events



Setup



SOE

SOE

No.	Time	Description
1	2019/02/26/ 03:00:00.156	Alarm Email Triggered by Setpoint
2	2019/02/26/ 03:00:00.156	Over P Pred. Demand Setpoint Active,Value:858.7 MW
3	2019/02/26/ 02:54:42.000	Power On
4	2019/02/25/ 10:03:02.156	Power Off
5	2019/02/25/ 05:45:00.156	Alarm Email Triggered by Setpoint
6	2019/02/25/ 05:45:00.156	Over P Pred. Demand Setpoint Active,Value:856.8 MW
7	2019/02/25/ 05:40:11.000	Power On
8	2019/02/25/ 05:39:00.049	Power Off
9	2019/02/25/ 03:30:51.976	Setup Changed via Panel
10	2019/02/25/ 03:30:45.976	Setup Changed via Panel
11	2019/02/25/ 01:15:00.154	Alarm Email Triggered by Setpoint
12	2019/02/25/ 01:15:00.154	Over P Pred. Demand Setpoint Active,Value:857.5 MW
13	2019/02/25/ 01:09:13.150	Setup Changed via Panel
14	2019/02/25/ 01:08:18.000	Power On
15	2019/02/24/ 12:30:56.259	Power Off
16	2019/02/24/ 10:48:41.838	Setup Changed via Panel

Last

1/7

Next

Setup-> Basic

PMC-53A-E

Metering

Power Quality

Events

Setup

Basic

Comm.

Demand

Clock

Maintenance

Device Info.

Basic

Wiring

Wiring Mode

DEMO

DEMO

1P2W L-N

1P2W L-L

1P3W

3P3W

3P4W

I1 Polarity

Normal

I2 Polarity

I3 Polarity

Normal

Rated

PT Primary

100100

V

PT Secondary

100

V

CT Primary

10005

A

CT Secondary

5

A

I4 Primary

5

A

I4 Secondary

5

A

Energy

LED Energy Pulse

kWh

EN Pulse CNST

1000

EN Period

60

min

Algorithm

PF Convention

IEC

THD Calc.

THDf

kVA Calc.

Vector

kvarh Calc.

RMS

OT Threshold

0.001

Iprim

Display

Language

English

Delimiter

99,999.99

Save

Setup-> Comm.

CET

PMC-53A-E

Metering

Power Quality

Events

Setup

Basic

Comm.

Demand

Clock

Maintenance

Device Info.

Comm.

RS-485 (P1)

Protocol

Modbus

Unit ID

100

Baud Rate

9600

Data Format

8E1

Ethernet (P2)

IP Address

192.168.1.121

Subnet Mask

255.255.255.0

Gateway

192.168.1.1

SNTP

Set Clock

Enable

Interval

1

min

Server IP

220.130.158.52

SMTP

Server IP

113.98.252.99

Port

25

Sender

xiaojie@cet-electric.c

Password

.....

Receiver

jessica.xiao@cet-glob

E-mail Test

Send

Save

Successful

Setup-> Demand

 **PMC-53A-E**

Metering

Power Quality

Events

Setup

Basic

Comm.

Demand

Clock

Maintenance

Device Info.

Demand

Basic

Period

15

min

No. of Windows

1

Predicted Response

70

Self-Read Time

☒ Auto

01 ▾

Day

00 ▾

Hour

☐ Manual

Save

Setup-> Clock

 PMC-53A-E

Metering

Power Quality

Events

Setup

Basic

Comm.

Demand

Clock

Maintenance

Device Info.

Clock

Date

2019/02/26

Time

05:52:50

Time Zone

GMT+08:00

Date Format

YYYY/MM/DD

☐

Sync. with PC

Save

Setup-> Maintenance

PMI-53A-E

MeteringPower QualityEventsSetup

BasicComm.DemandClockMaintenanceDevice Info.

Maintenance

Groups

Clear Present Max. DMD

Clear Present Max./Min.

Clear All DR Logs

Clear SOE Logs

Clear All Demand

Clear All Max./Min.

Clear All Pulse Counters

Clear All Energy Registers

✓ Successful

Individuals

Clear DR1 Log

Clear DR2 Log

Clear DR3 Log

Clear DR4 Log

Clear DR5 Log

Clear His. Monthly Energy Log

Clear Pres. Monthly Energy Log

Clear Operating Time

Clear DI1 Pulse Counter

Clear DI2 Pulse Counter

Clear DI3 Pulse Counter

Clear DI4 Pulse Counter

Clear Daily Freeze Logs

Clear Monthly Freeze Logs

Clear All Data

Setup-> Device Info.

 PMC-53A-E

MeteringPower QualityEventsSetup

Basic

Comm.

Demand

Clock

Maintenance

Device Info.

Device Info.

Basic	
S/N	1512150001
MAC Address	80-F0-00-92-00-00

Version	
Firmware	V1.00.01
Date	2018/12/29
Modbus	V1.0
BACnet MS/TP	V1.1
DNP	V1.1