

Mitsubishi Electric Sales Canada Inc.

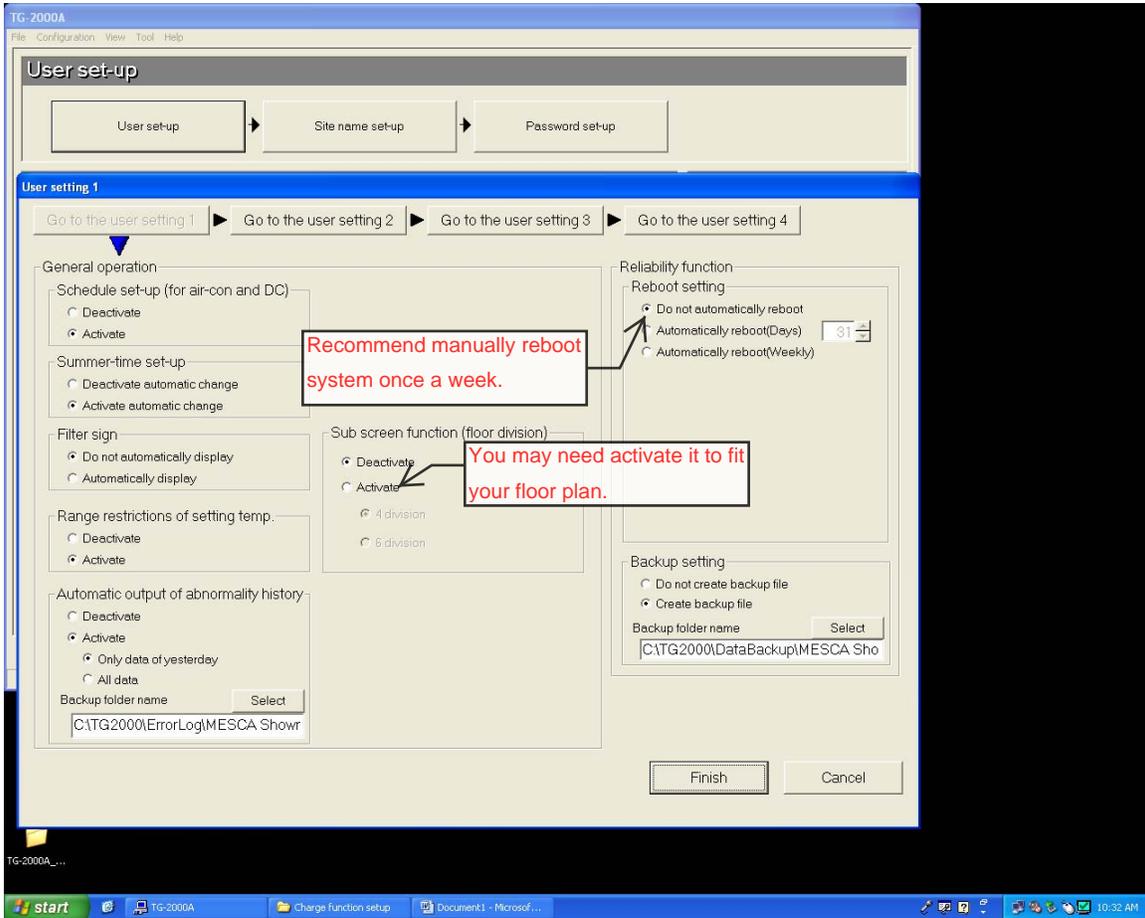
TG2000 Configuration example (MESCA Showroom):

Attention: Your system setting may be different to this example. Don't copy. It is for reference only. You should follow the manual "TG-2000 Site Adjustment Manual" entitled OpenManSA.pdf.

Step 1: User Set-up

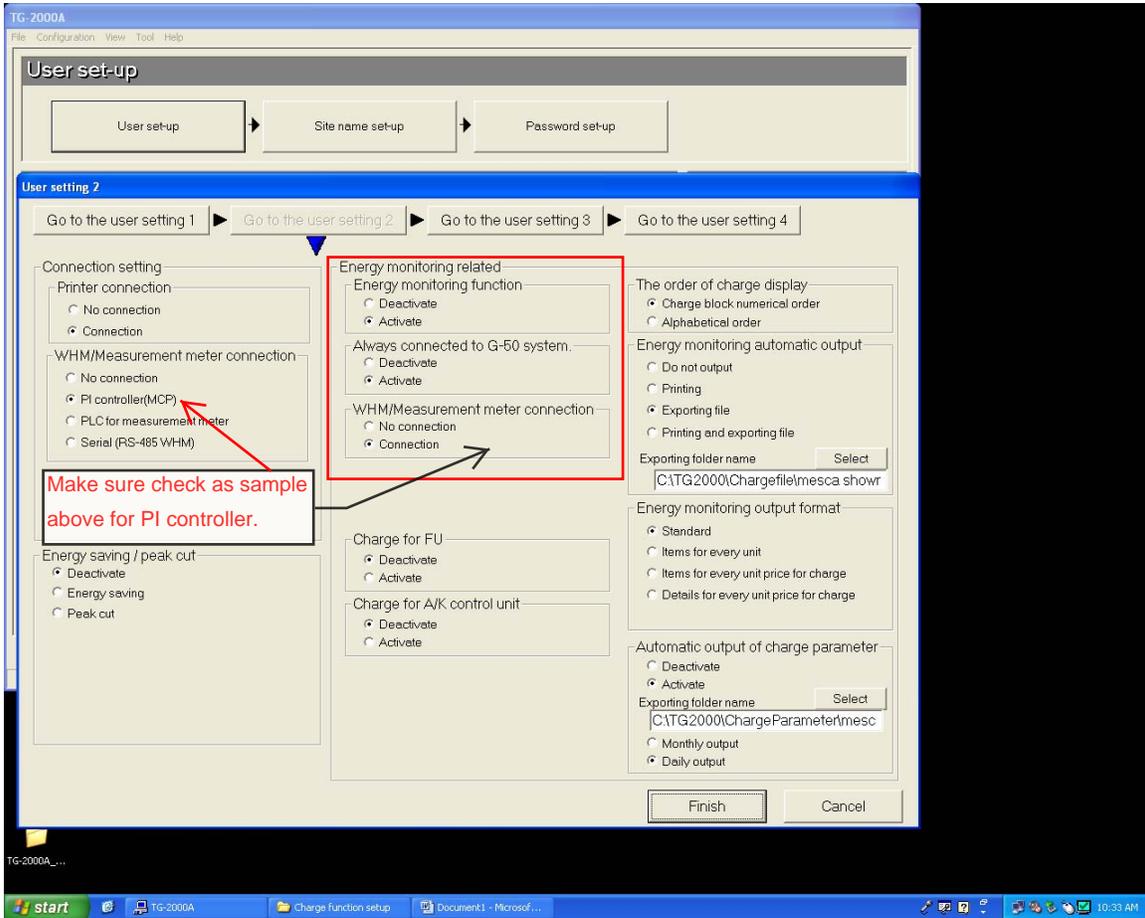
Start from User-set-up, it is the screen for charge function.

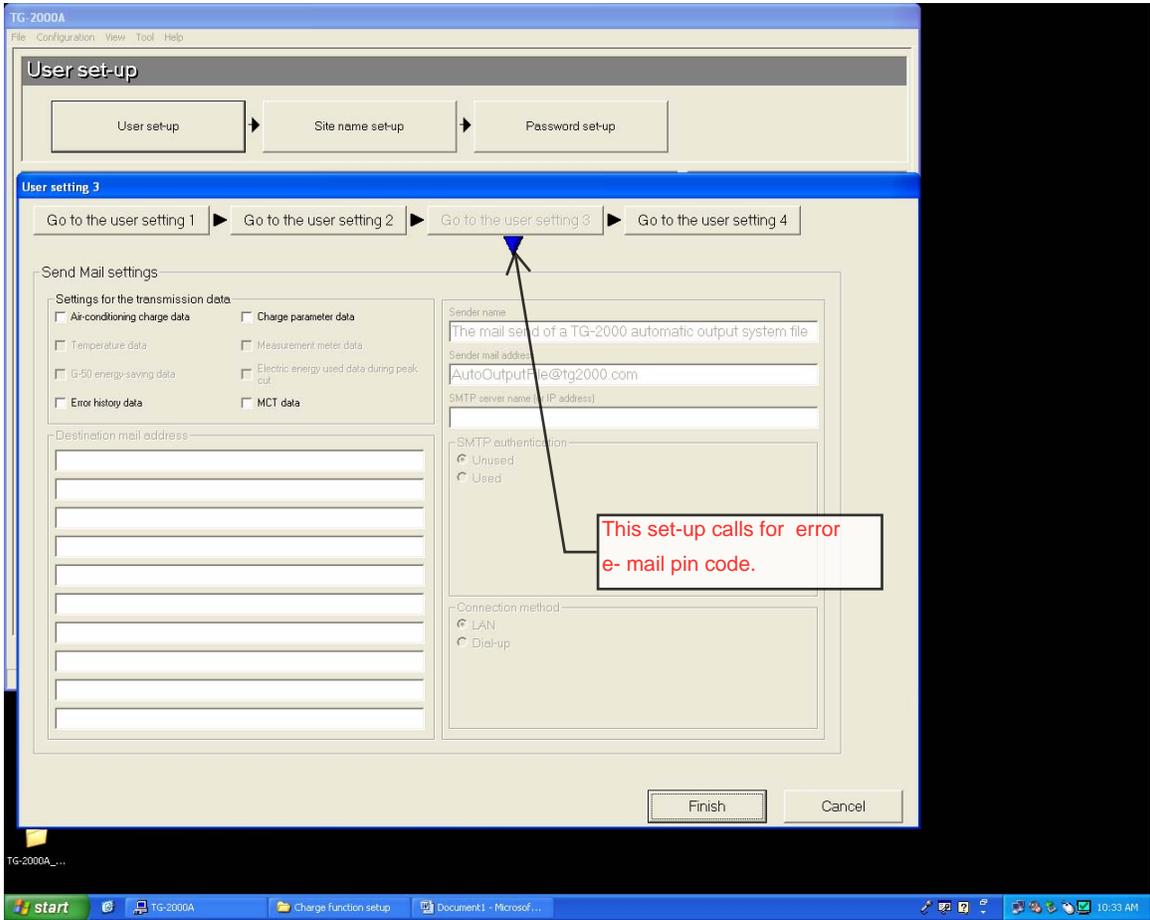
Function options setting password (such as charge function) password: call us

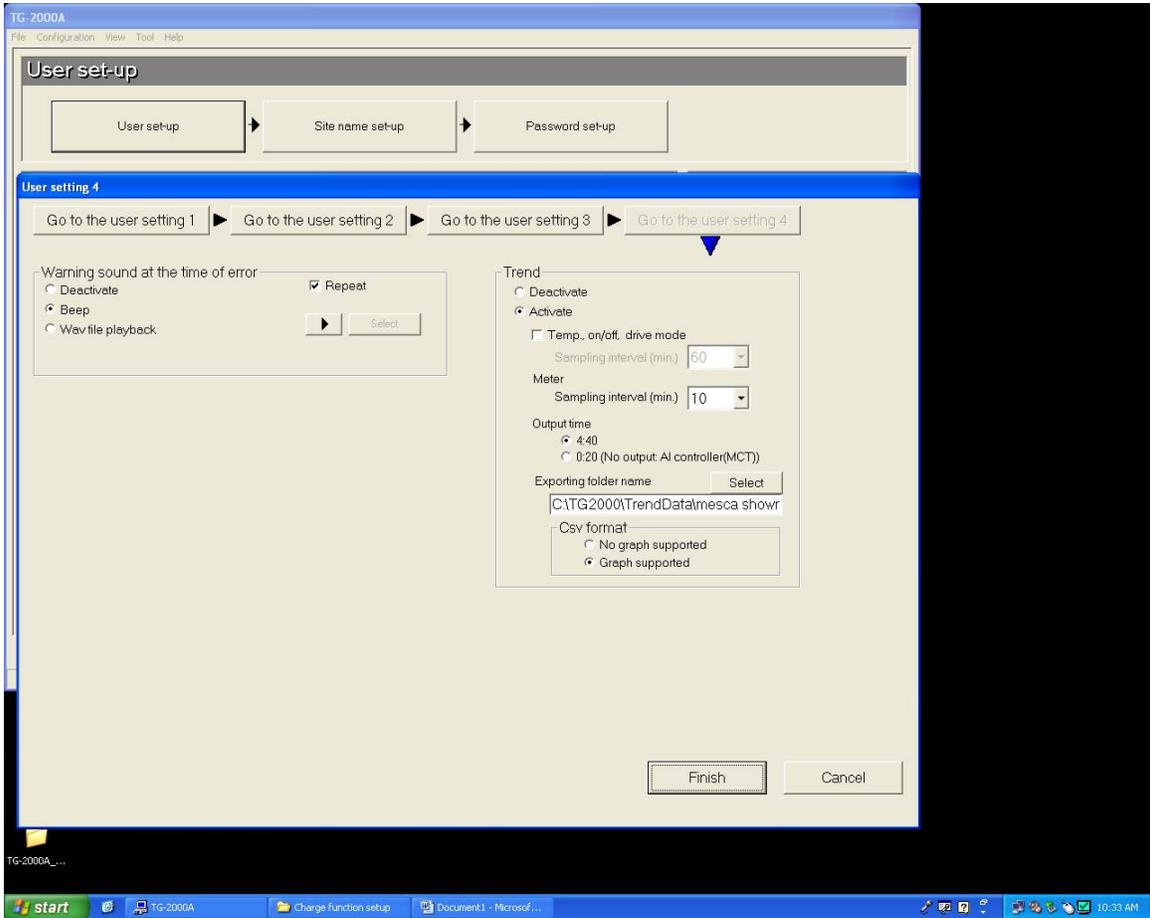


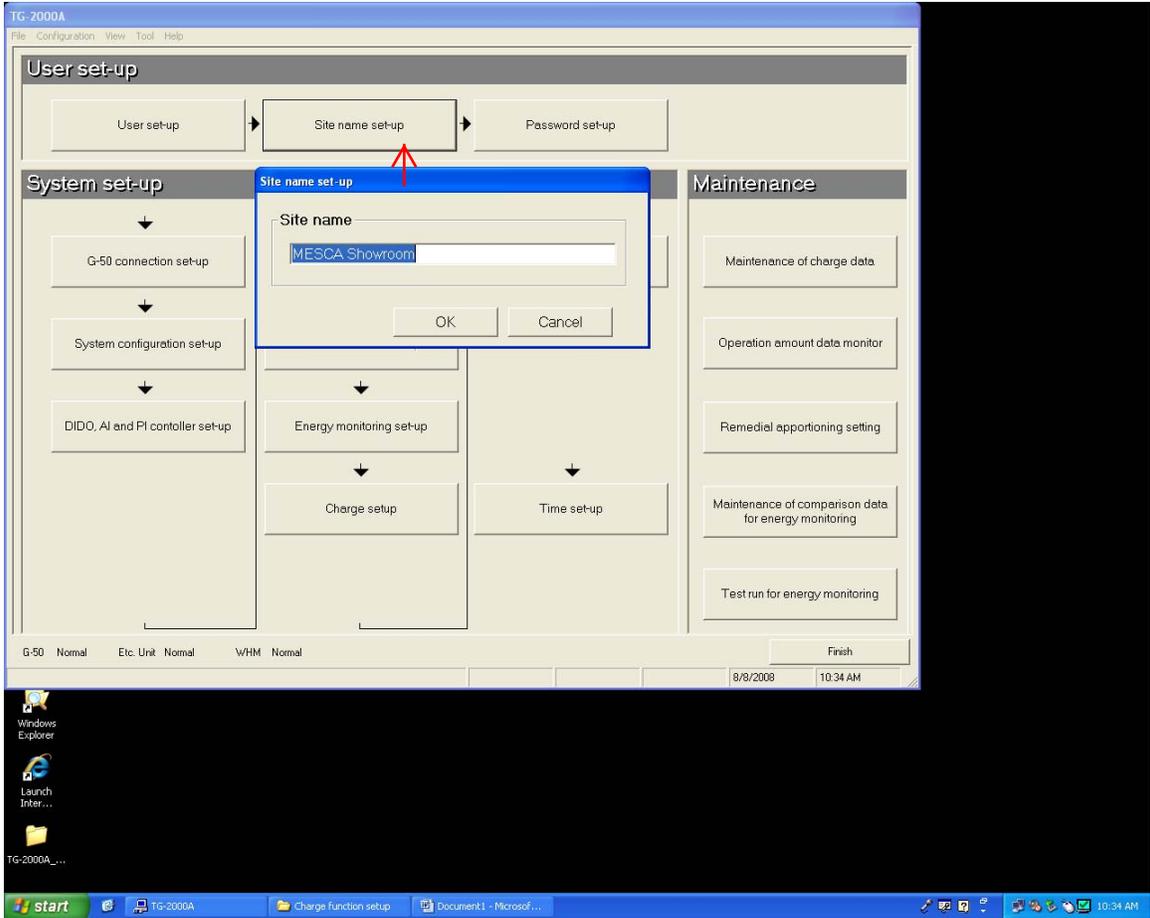
Recommend manually reboot system once a week.

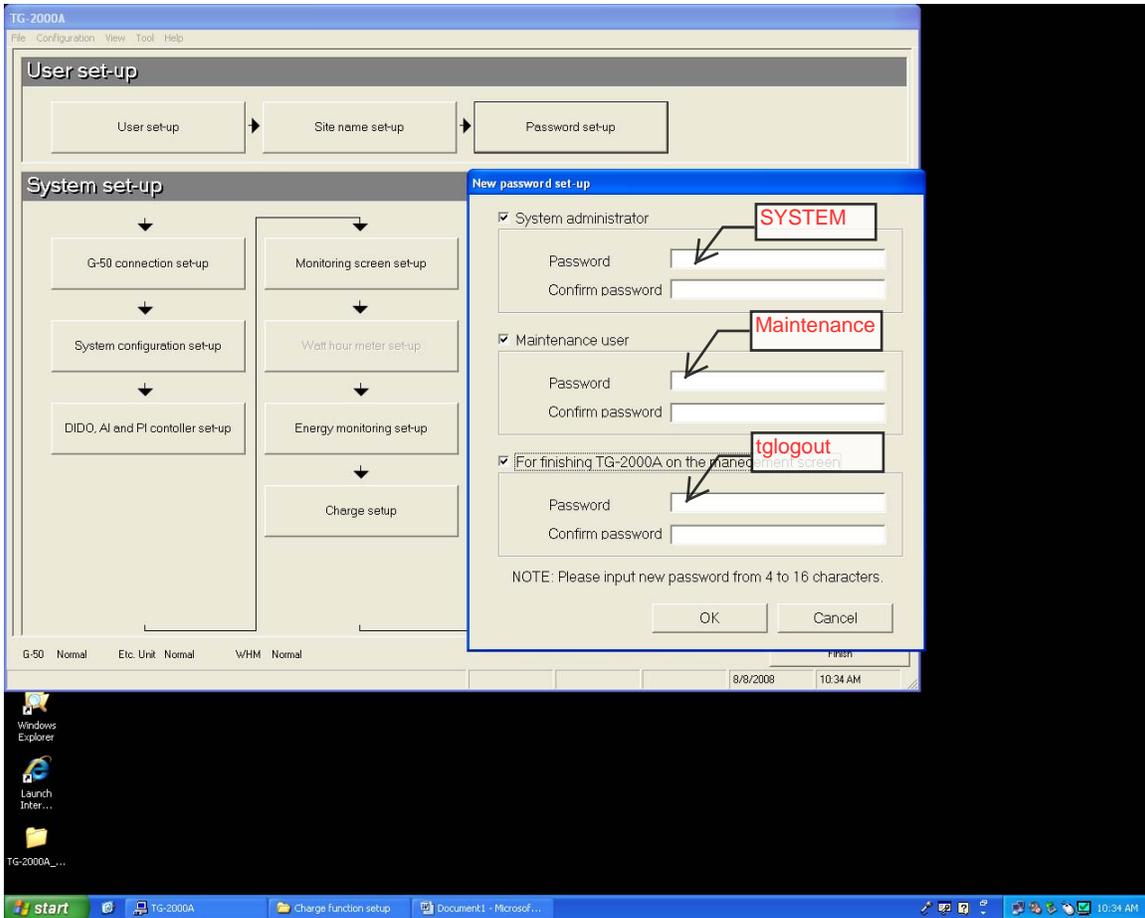
You may need activate it to fit your floor plan.











You can change your default password (see below):

System password: **SYSTEM**

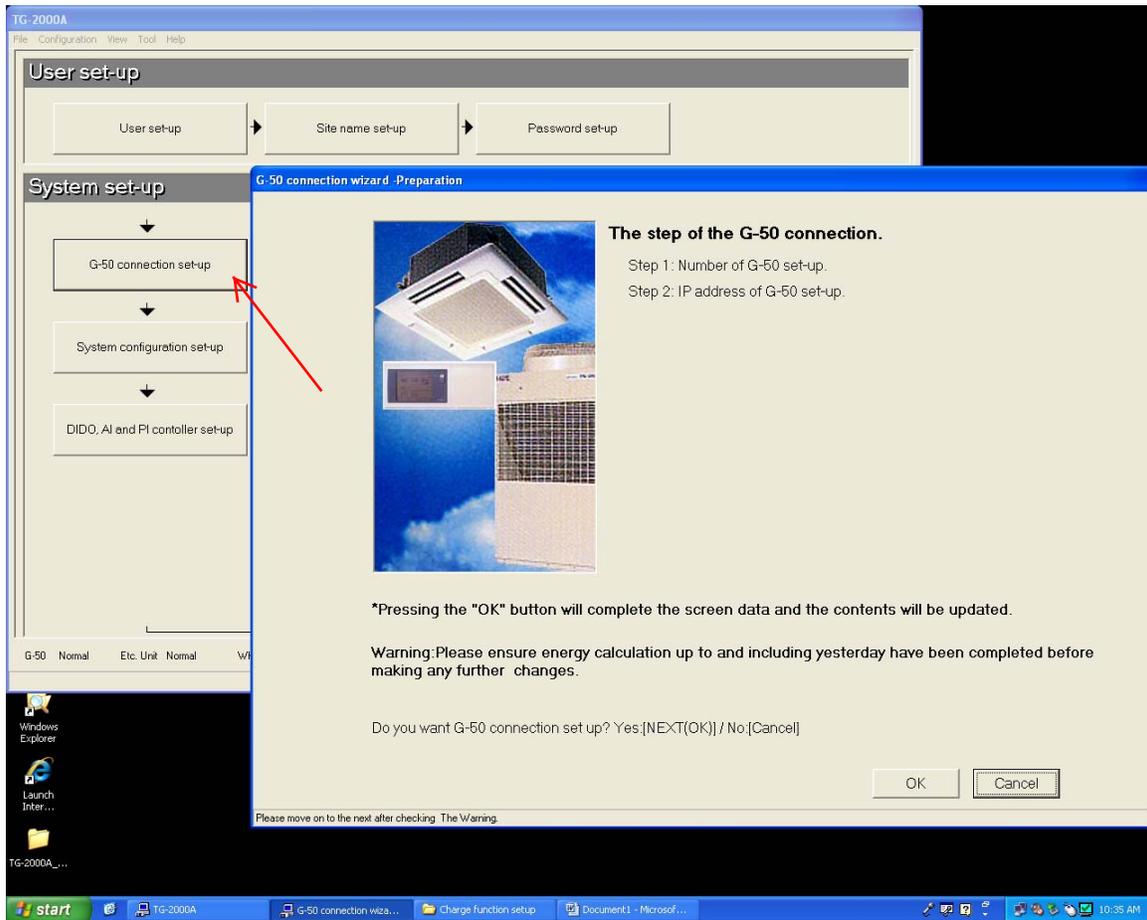
Maintenance password: **Maintenance**

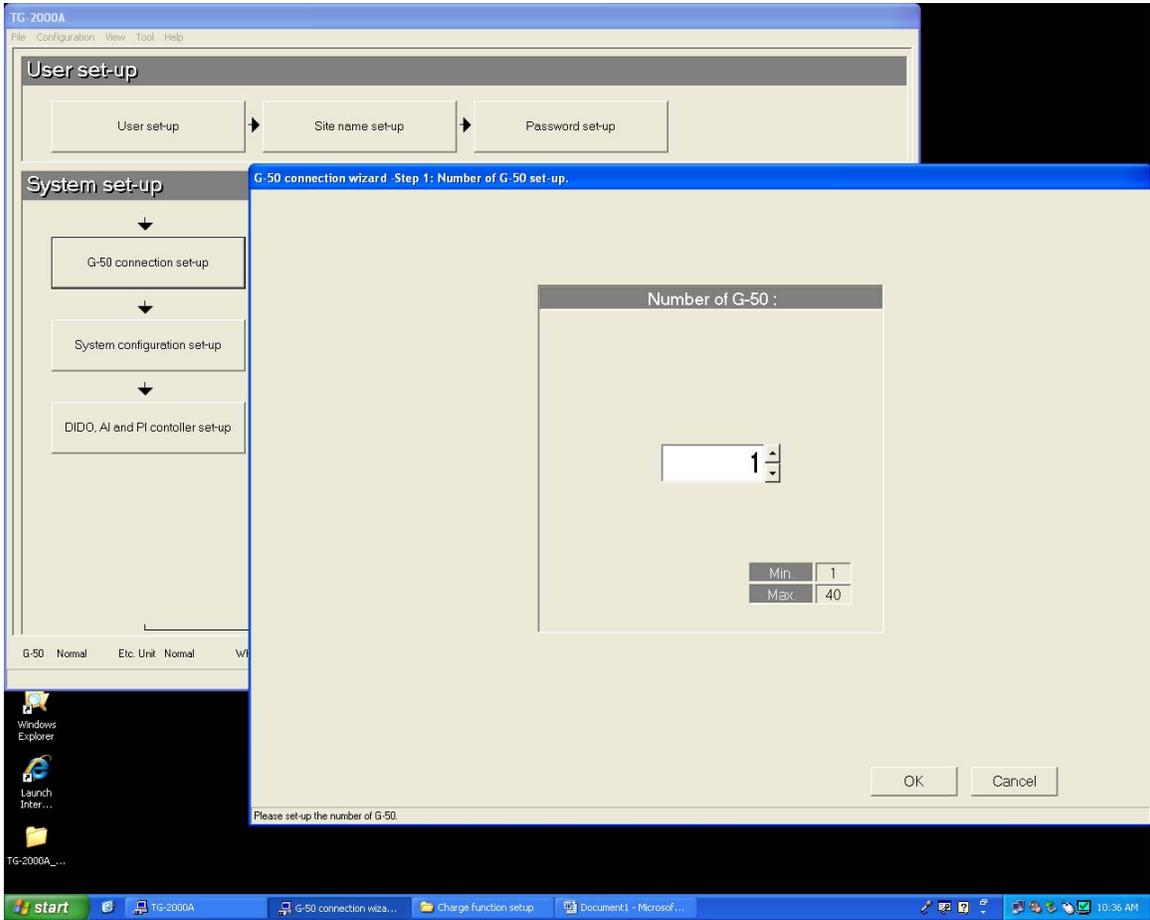
Password for finishing TG-2000A on management screen: **tglogout**

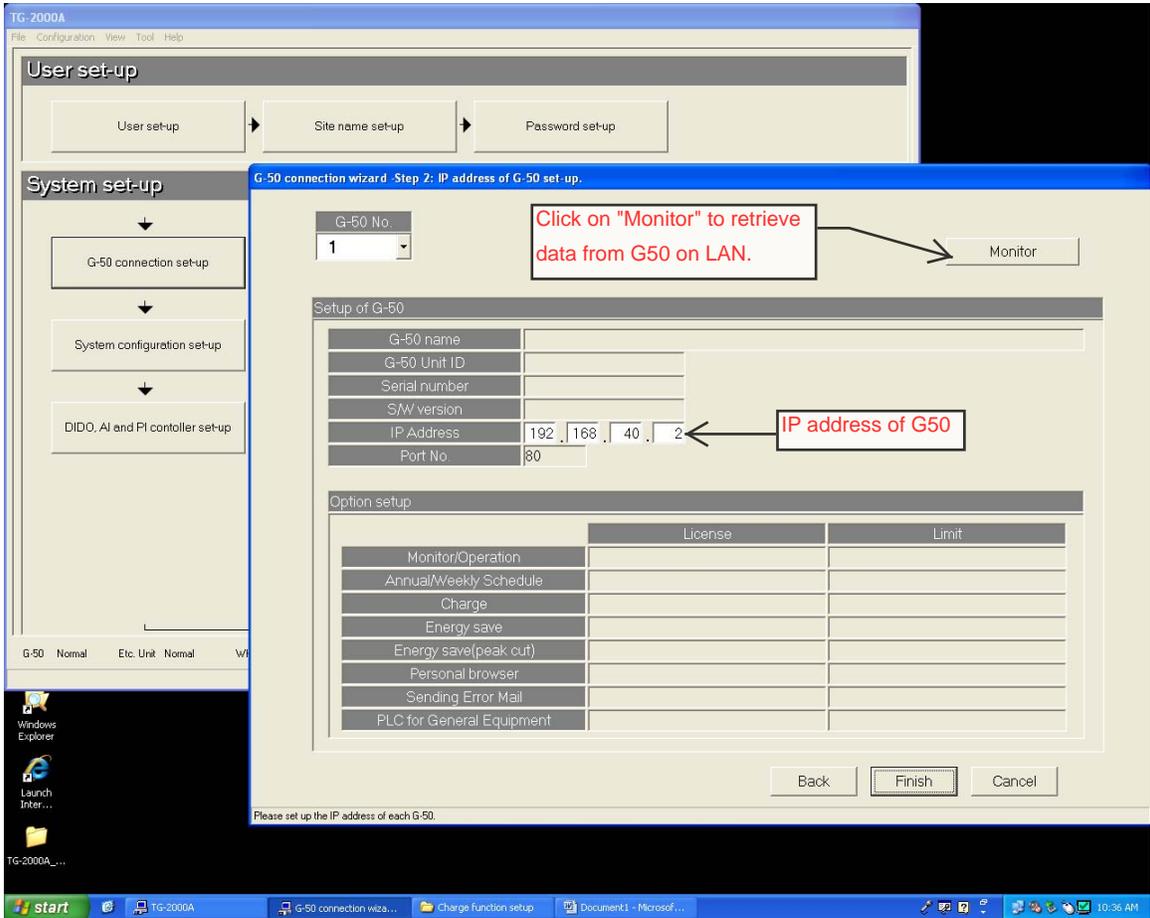
Function options setting password (such as charge function) password: call us

Step 2: System Setup

- G-50 connection set-up







TG-2000A
File Configuration View Tool Help

User set-up
 User set-up → Site name set-up → Password set-up

System set-up
 G-50 connection set-up
 System configuration set-up
 DIDO, AI and PI controller set-up

G-50 connection wizard - Step 2: IP address of G-50 set up.

G-50 No. 1 Monitor

Setup of G-50

G-50 name	MESCA G-50 Showroom
G-50 Unit ID	000001
Serial number	2372-63
SW version	3.22
IP Address	192 . 168 . 40 . 2
Port No.	80

Your purchased PIN Code shown as below.

Option setup

	License	Limit
Monitor/Operation	ENABLE	Unlimited
Annual/Weekly Schedule	ENABLE	Unlimited
Charge	ENABLE	Unlimited
Energy save	ENABLE	Unlimited
Energy save(peak cut)	ENABLE	Unlimited
Personal browser	ENABLE	Unlimited
Sending Error Mail	ENABLE	Unlimited
PLC for General Equipment	ENABLE	Unlimited

Back Finish Cancel

Please set up the IP address of each G-50.

Windows Explorer
Launch Inter...
TG-2000A_...

start TG-2000A G-50 connection wiza... Charge function setup Document1 - Microsof... 10:37 AM

- System configuration set-up

The screenshot displays the TG-2000A configuration software. The main interface is divided into 'User set-up' and 'System set-up' sections. The 'System set-up' section contains a sequence of steps: 'G-50 connection setup', 'System configuration set-up', and 'DIDO, AI and PI controller set-up'. A 'System configuration wizard - Preparation' dialog box is currently active, showing a list of five steps for system preparation. The steps are:

- Step 1: G-50 data collection
- Step 2: Unit composition of G-50.
- Step 3: Set-up of refrigerant system.
- Step 4: Set-up of group.
- Step 5: Interlocked ventilation setting.

The dialog box also includes a warning: "Warning: Please ensure energy calculation up to and including yesterday have been completed before making any further changes." and a confirmation prompt: "Do you want a system configuration set up? Yes:[NEXT(OK)] / No:[Cancel]". The Windows taskbar at the bottom shows the Start button, the TG-2000A application, and other open windows.

TG-2000A
File Configuration View Tool Help

User set-up

User set-up → Site name set-up → Password set-up

System set-up Maintenance

G-50 connection set-up

System configuration set-up

DIDO, AI and PI controller set-up

G-50 Normal Etc. Unit Normal Wf

Windows Explorer
Launch Inter...
TG-2000A...

System configuration wizard - Step 1: G-50 data collection

Do you want to collect system configuration information (unit, group, operation block etc.) from the G-50A?

For collection, click the [Collecting information from G-50] button after selecting from the list.

It moves to the next STEP automatically after an information gathering end.

(The information that is collected will be reflected in the next and subsequent steps. All previous settings, such as icon arrangement and charge or energy-save setting information will be cleared. Make the setting for these settings on the TG-2000A setting screens.)

When you do not gather information, please click a [next] button as it is.

(Caution) Setting information such as charge setting and energy-save setting cannot be collected from the G-50A on this screen. Make the settings for the functions that are used by this system on each setting screen.

G-50 selection

G-50 No.

1

Select all
Deselect all

Collecting information from G-50

Next Cancel

When you update the system information on this system, please click an [Collecting information from G-50] button as it is.

Select number of G50s you need to retrieve info from. It will override all the information resided in the system before.

start TG-2000A System configuration ... Charge function setup Document1 - Microsof... 10:38 AM

TG-2000A
File Configuration View Tool Help

User set-up

User set-up → Site name set-up → Password set-up

System set-up

G-50 connection set-up
System configuration set-up
DIDO, AI and PI controller set-up

G-50 Normal Etc. Unit Normal WH

System configuration wizard - Step 2: Unit composition of G-50.

G-50 No: 1 Number of G-50: 1

1	2	3	4	5	6	7	8	9	10
IC	IC	IG	IC	IC	IG	IC	LG		
11	12	13	14	15	16	17	18	19	20
							MCP		
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
OC	BC								
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
	RC								
111	112	113	114	115	116	117	118	119	120

IC,LC,FU IC : Indoor unit.
LC : Lossnay
FU : OA Processing unit
KIC : K control indoor unit
AIC : A control indoor unit
DC : DIDO controller
MCT : AI controller
MCP : PI controller

OC,BC,OS OC : Outdoor unit.
BC : BC controller(main).
OS : Subsidiary outdoor unit.
BS:BC controller(sub).

SC RC : Remote controller (Simple controller)
SC : System controller.
GR : Group remote controller.
SR : System remote controller.
AN : On/Off controller.

Back OK Cancel

Please arrange a unit for every G-50.

Windows Explorer
Launch Inter...
TG-2000A_...

start TG-2000A System configuration ... Document1 - Microsof... MSSQL7 11:10 AM

TG-2000A

File Configuration View Tool Help

User set-up

User set-up → Site name set-up → Password set-up

System set-up

G-50 connection set-up

System configuration set-up

DIDO, AI and PI controller set-up

G-50 Normal Etc. Unit Normal WHH

System configuration wizard - Step 4: Set-up of group.

G-50 No: 1 Number of G-50: 1

G-No	Group indoor unit			
1-001	IC			
1-002	IC	RC		
1-003	IC	RC	RC	
1-004	IC	RC	RC	
1-005	IC	RC		
1-006	IC	RC		
1-007	IC	RC		
1-008	LC	RC		

ICAICKICLC

1-001	1-002
1-003	1-004
1-005	1-006
1-007	1-008

RC,SC...

1-102	1-103
1-104	1-105
1-106	1-107
1-108	1-153

Back OK Cancel

Please set-up groups for an indoor unit, a remote control, etc. by each G-50.

Page 16 Sec 1 15/16 At 1.7" Ln 5 Col 1 REC TRK EXT OVR

start TG-2000A System configuration... Document1 - Microsof... MSNQL7 11:11 AM

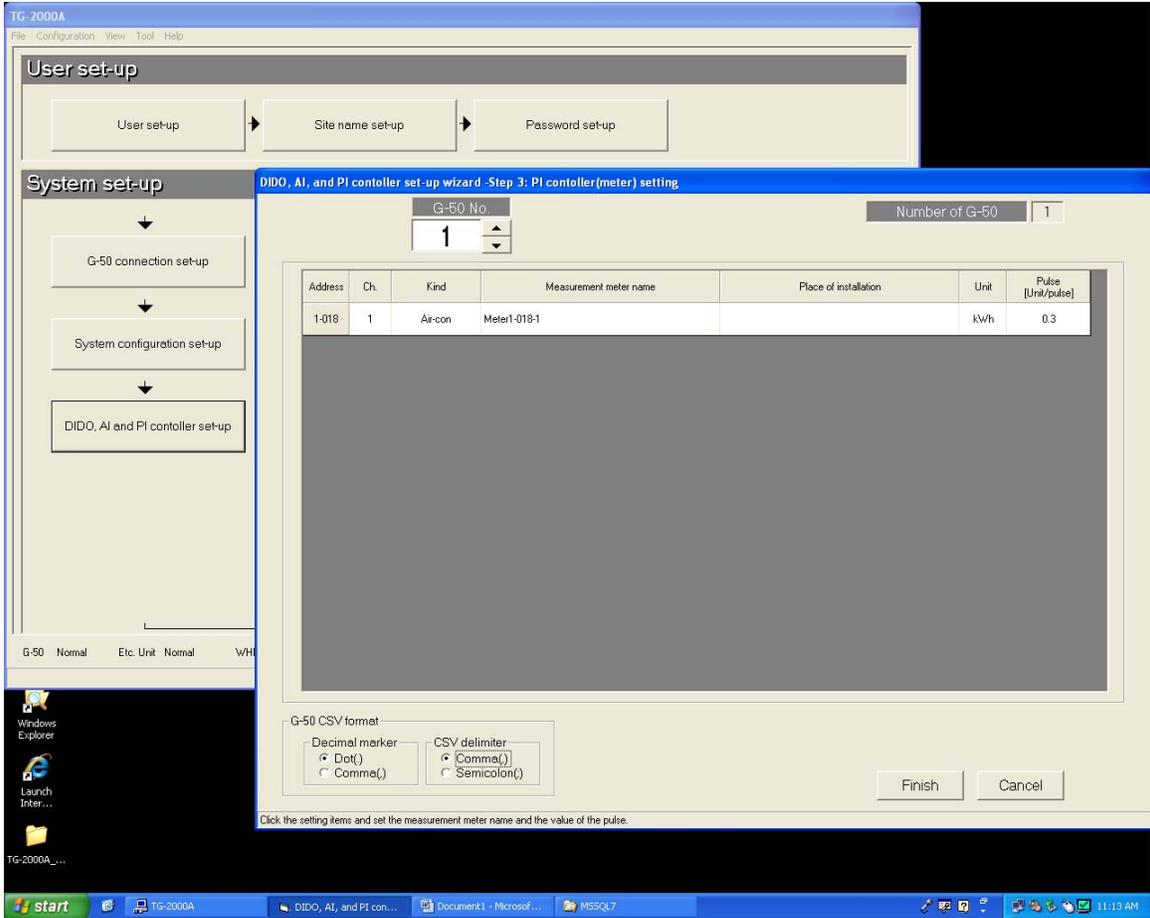
- DIDO, AI and PI controller set-up

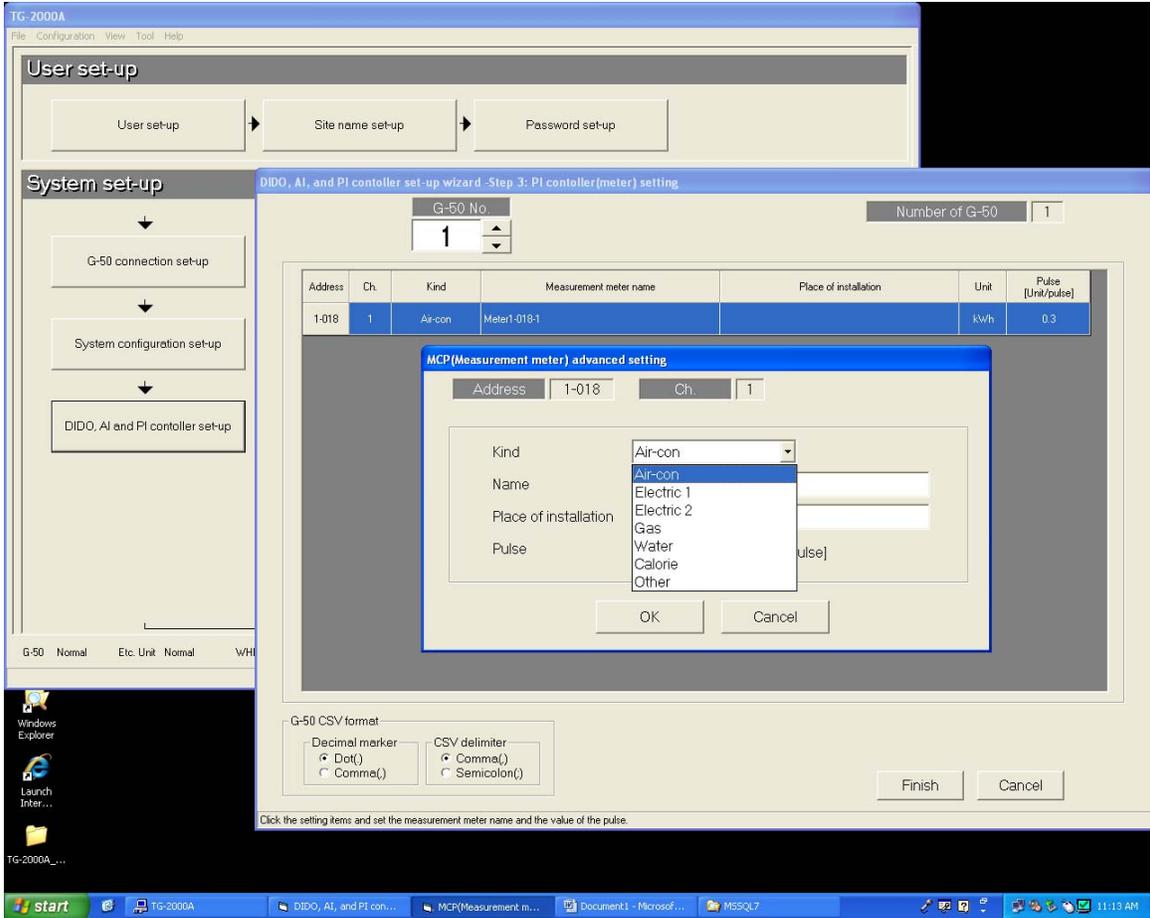
The screenshot displays the TG-2000A software interface. The main window is titled "User set-up" and contains a sequence of steps: "User set-up", "Site name set-up", and "Password set-up". Below this, the "System set-up" section is visible, with a sub-section for "DIDO, AI and PI controller set-up" containing three steps: "G-50 connection set-up", "System configuration set-up", and "DIDO, AI and PI controller set-up".

A dialog box titled "DIDO, AI, and PI controller set-up wizard - Preparation" is open in the foreground. It features a blue header and a light green background. On the left, there is an image of a ceiling-mounted air conditioning unit. To the right of the image, the text reads: "The step of DIDO, AI, and PI controller set-up". Below this, a list of steps is provided: "Step 1: DIDO controller(general equipment) setting", "Step 2: AI controller setting", and "Step 3: PI controller(meter) setting".

Below the list, a note states: "*Pressing the 'OK' button will complete the screen data and the contents will be updated." Another note follows: "note:There is a step which is not displayed by the selected function." At the bottom of the dialog, a question is posed: "Do you want DIDO, AI, and PI controller(DO,MCT,MCP) set-up? Yes [NEXT(OK)] / No [Cancel]". Two buttons, "OK" and "Cancel", are located at the bottom right of the dialog.

The Windows taskbar at the bottom shows the Start button, several open applications including "TG-2000A", "DIDO, AI, and PI con...", "Document1 - Microsof...", and "MSSQL7", and the system tray with the time "11:12 AM".





Note: make sure to mark your meters as AIR CON in the software above.

- Monitoring screen set-up

The step of a monitoring screen set-up.

- Step 1: Set-up of model name.
- Step 2: Set-up of the number of floors, and floor name
- Step 3: Creation of a plane view.
- Step 4: Set-up of floor name and G-50.
- Step 5: Set-up of icon arrange and name.
- Step 6: Set-up of block.

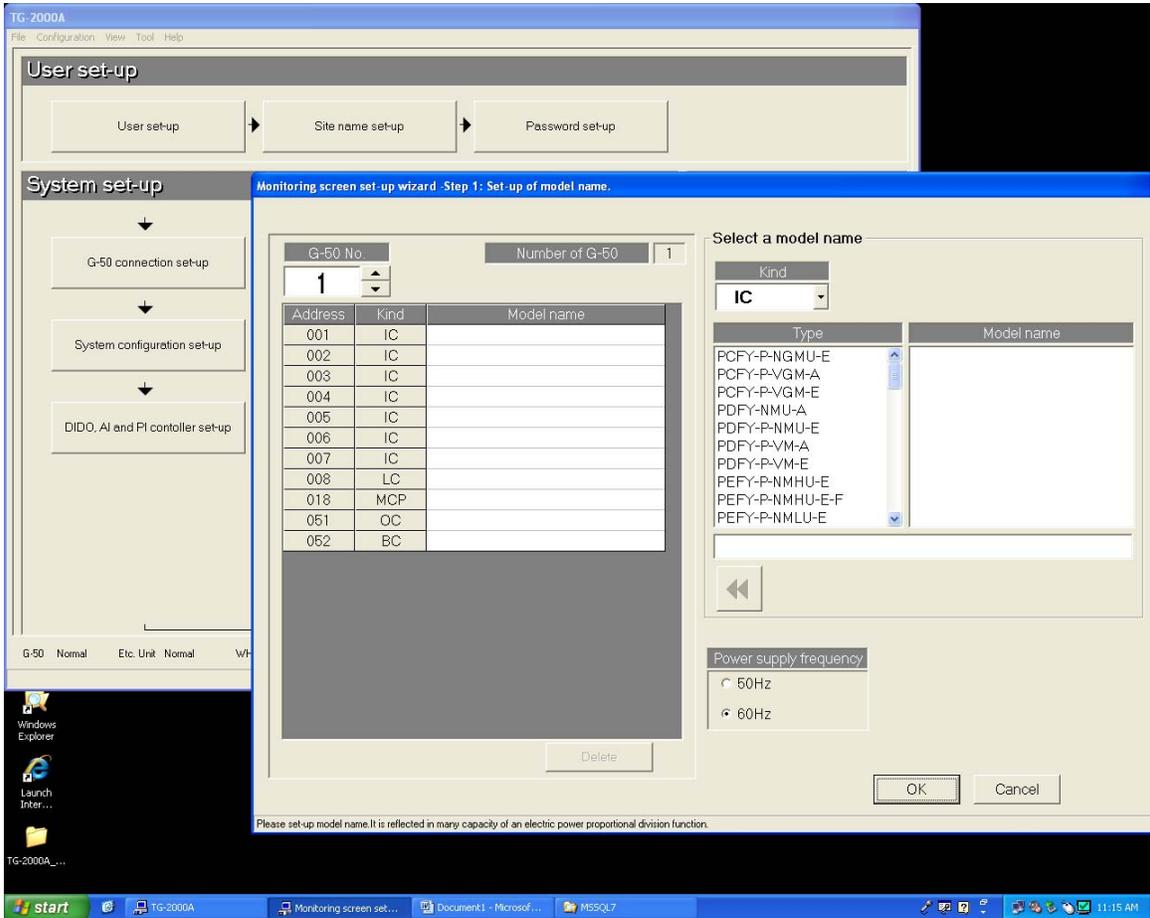
*Pressing the "OK" button will complete the screen data and the contents will be up

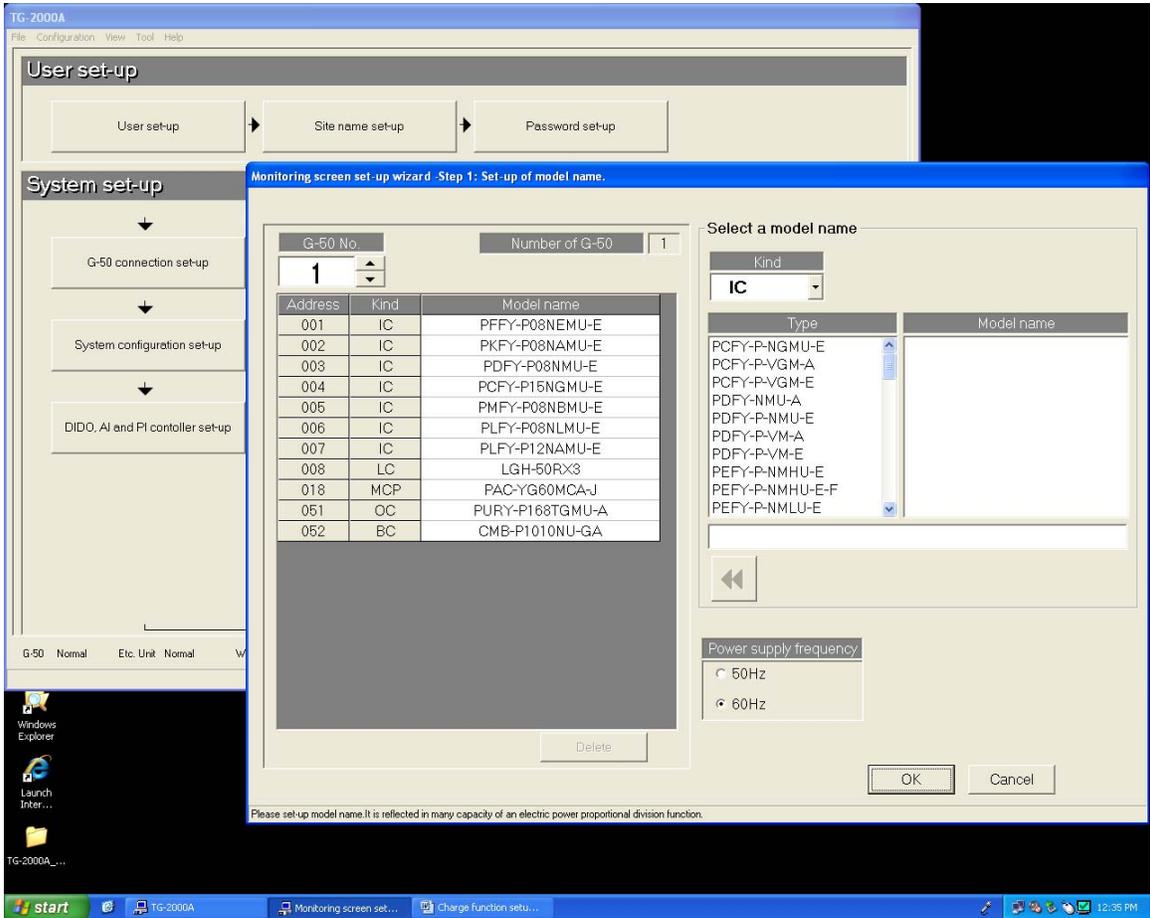
Warning: Please ensure energy calculation up to and including yesterday have been making any further changes.

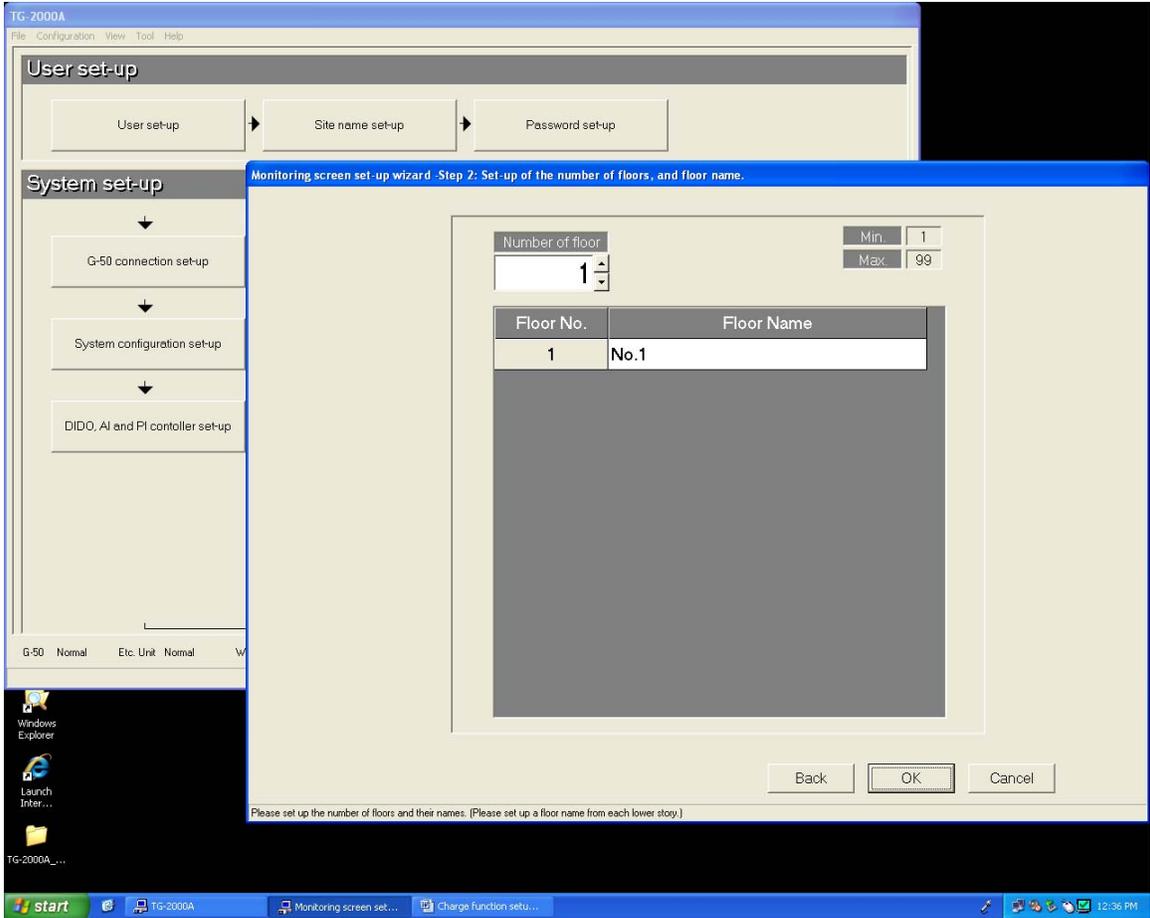
Do you want Man-machine set up? Yes:[NEXT(OK)] / No:[Cancel]

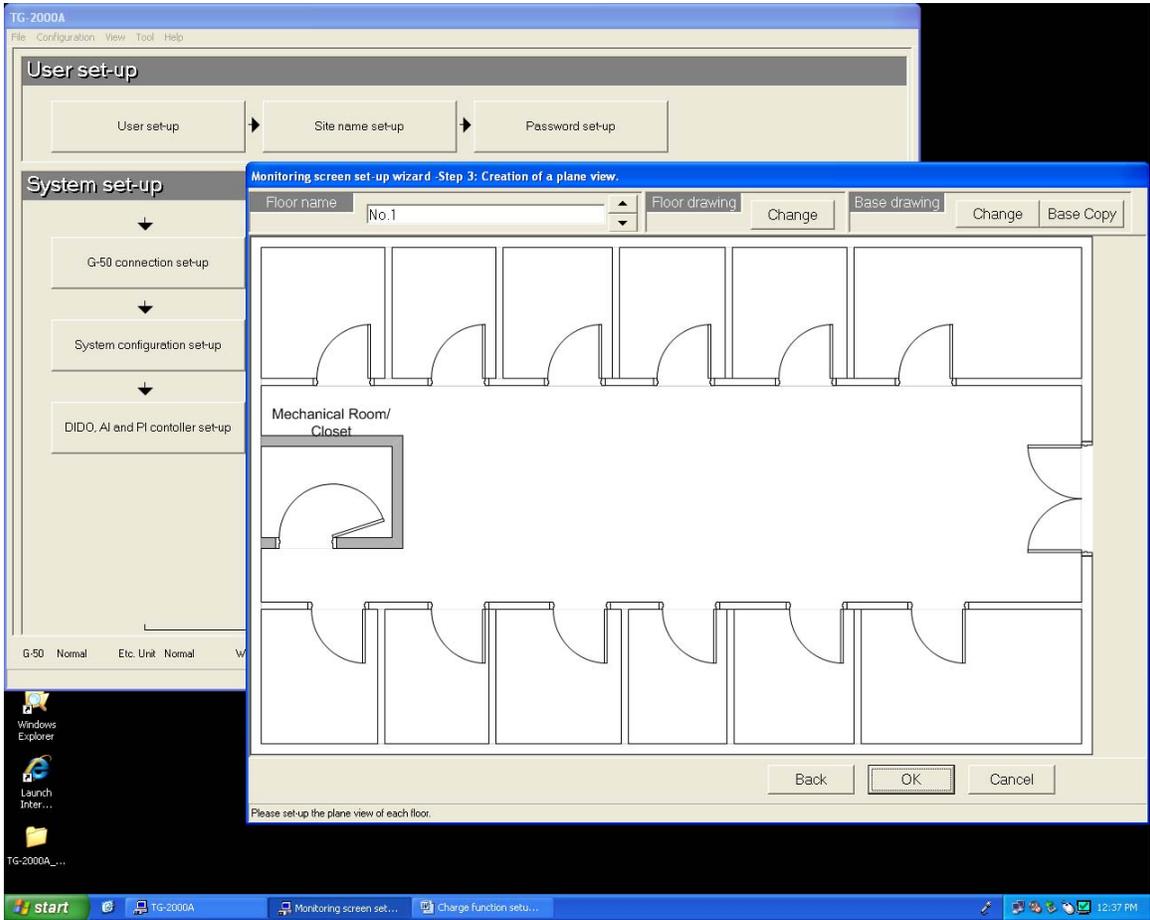
OK

Please move on to the next after checking The Warning









TG-2000A
File Configuration View Tool Help

User set-up

User set-up → Site name set-up → Password set-up

System set-up

G-50 connection set-up
System configuration set-up
DIDO, AI and PI controller set-up

G-50 Normal Etc. Unit Normal W

Windows Explorer
Launch Inter...
TG-2000A_...

Monitoring screen set-up wizard - Step 4: Set-up of floor name and G-50.

Floor name	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
No.1	■																			
*																				
*																				
*																				
*																				
*																				
*																				
*																				
*																				
*																				
*																				
*																				

Selection
 Un-selection

Back OK Cancel

Please choose G-50 which connect to each floor.

start TG-2000A Monitoring screen set-up Charge function setu... 12:37 PM

TG-2000A
File Configuration View Tool Help

User set-up

User set-up → Site name set-up → Password set-up

System set-up

G-50 connection set-up
System configuration set-up
DIDO, AI and PI controller set-up

Monitoring screen set-up wizard - Step 5: Set-up of icon arrange and name.

Floor name: No.1 Group list Release Display OFF Grid is used.

Group list

IC	LC
1-001	1-008
1-002	
1-003	
1-004	
1-005	

G-50 Normal Etc. Unit Normal WH

Windows Explorer
Launch Inter...
TG-2000A_...

Back OK Cancel

Please set-up a group name for each group icon.

start TG-2000A Monitoring screen set... Charge function setu... 12:38 PM

- Energy monitoring set-up

Energy monitoring set-up wizard - Preparation

The step for setting the energy monitoring.

Step 1: Division mode.
 Step 2: Relation between outdoor units and watt hour
 Step 3: Electrical specification of outdoor units.
 Step 4: Relation between indoor units and watt hour m
 Step 5: Electrical specification of indoor units.
 Step 6: Charge blocks.

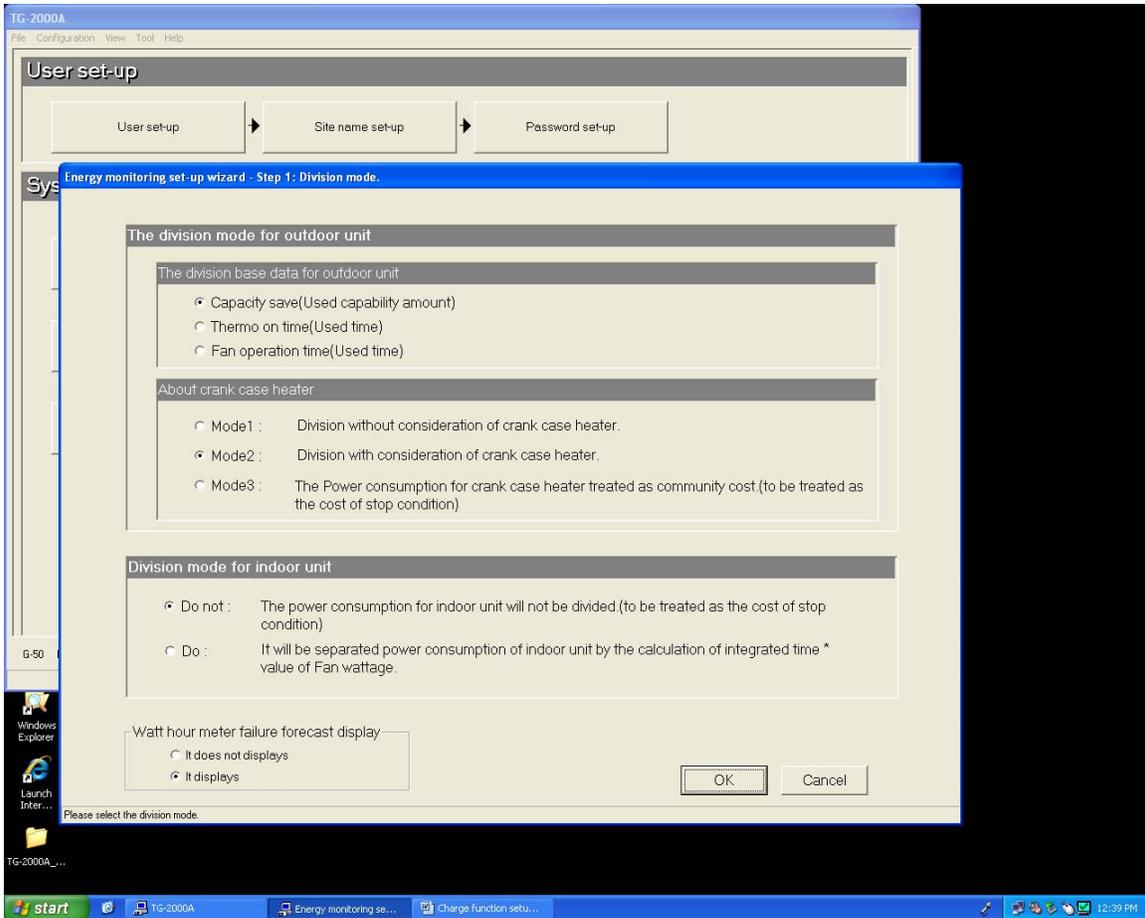
*Pressing the "OK" button will complete the screen data and the contents will be up

Notes: There is also a step skipped by the selected the energy monitoring method.

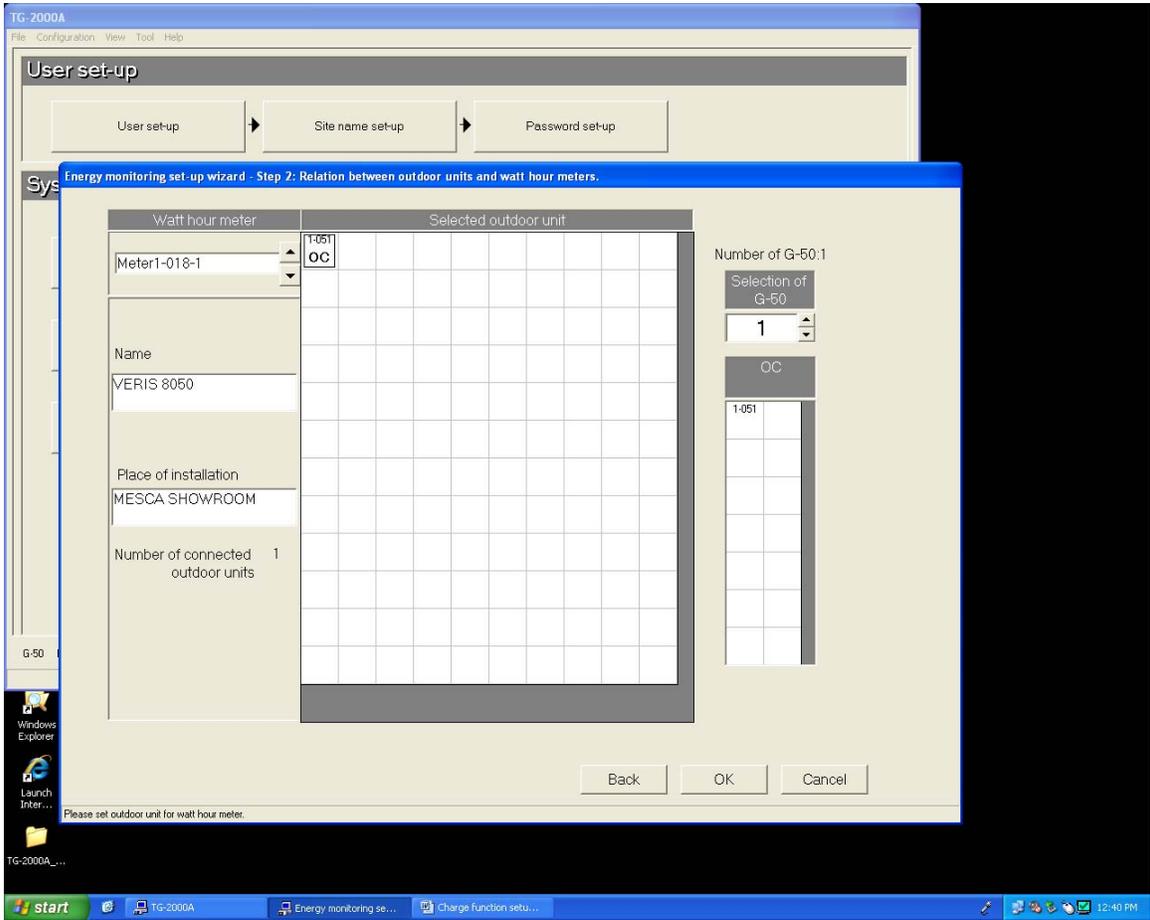
Do you want a Energy monitoring system set up? Yes:[NEXT(OK)] / No:[Cancel]

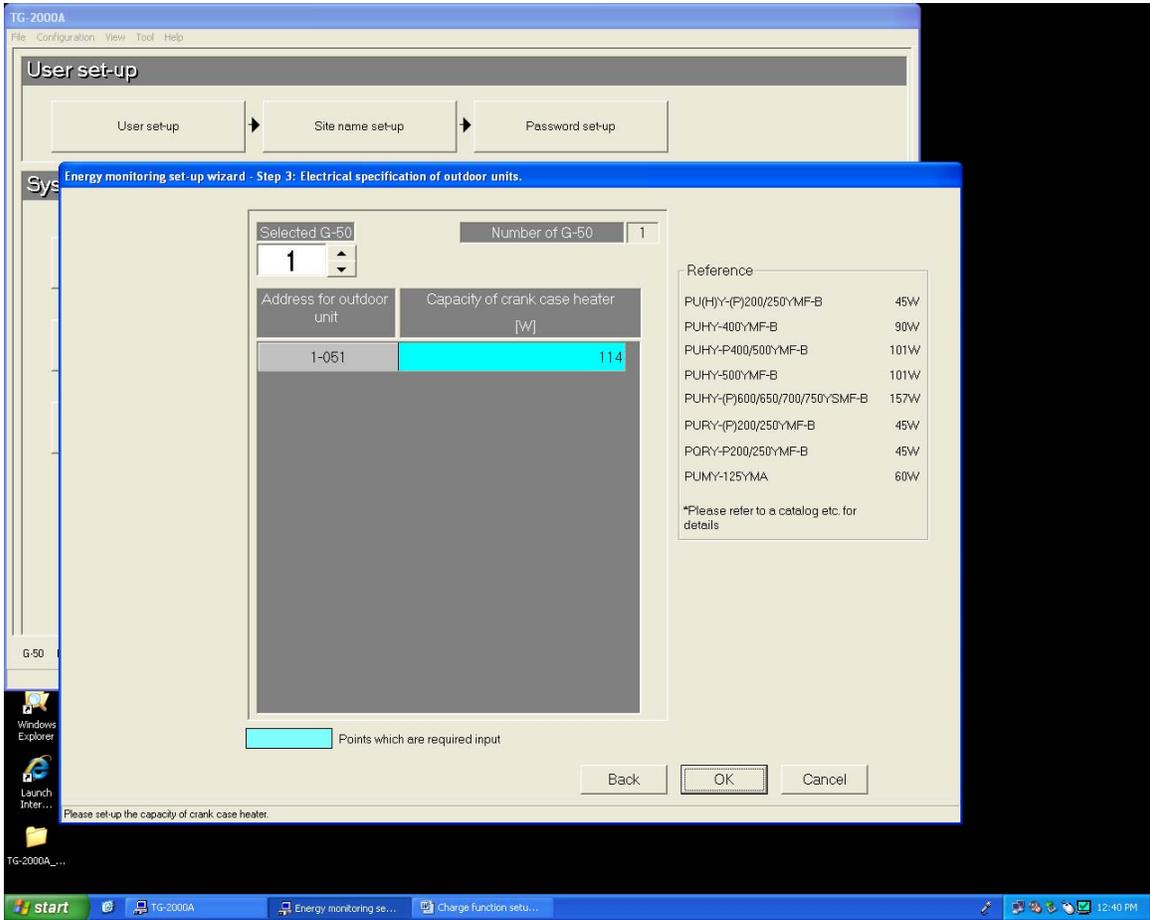
OK

Please move on to the next after checking The Warning



Note: you have the options to choose different measuring modes.





TG-2000A
File Configuration View Tool Help

User set-up

User set-up → Site name set-up → Password set-up

Energy monitoring set-up wizard - Step 5: Electrical specification of indoor units.

Selected G-50: 1 Number of G-50: 1

Address for indoor unit	Capacity [kW]	Capacity of fan [kW]	Auxiliary heater [kW]
1-001	2.30	0.061	0.000
1-002	2.30	0.030	0.000
1-003	2.30	0.120	0.000
1-004	4.40	0.080	0.000
1-005	2.30	0.040	0.000
1-006	2.30	0.075	0.000
1-007	3.50	0.140	0.000
1-008	0.00	0.231	0.000

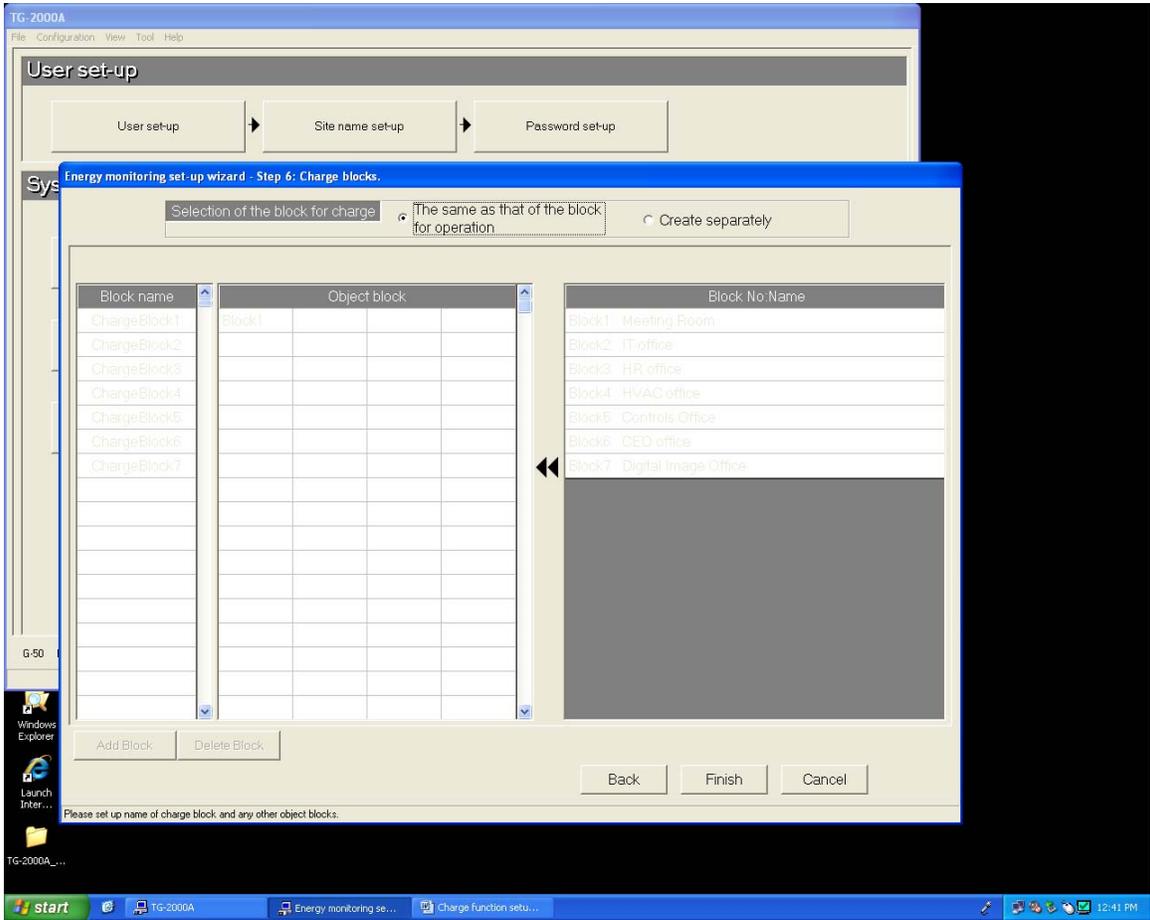
Points which are required input Capacity: Cool mode capacity

Back OK Cancel

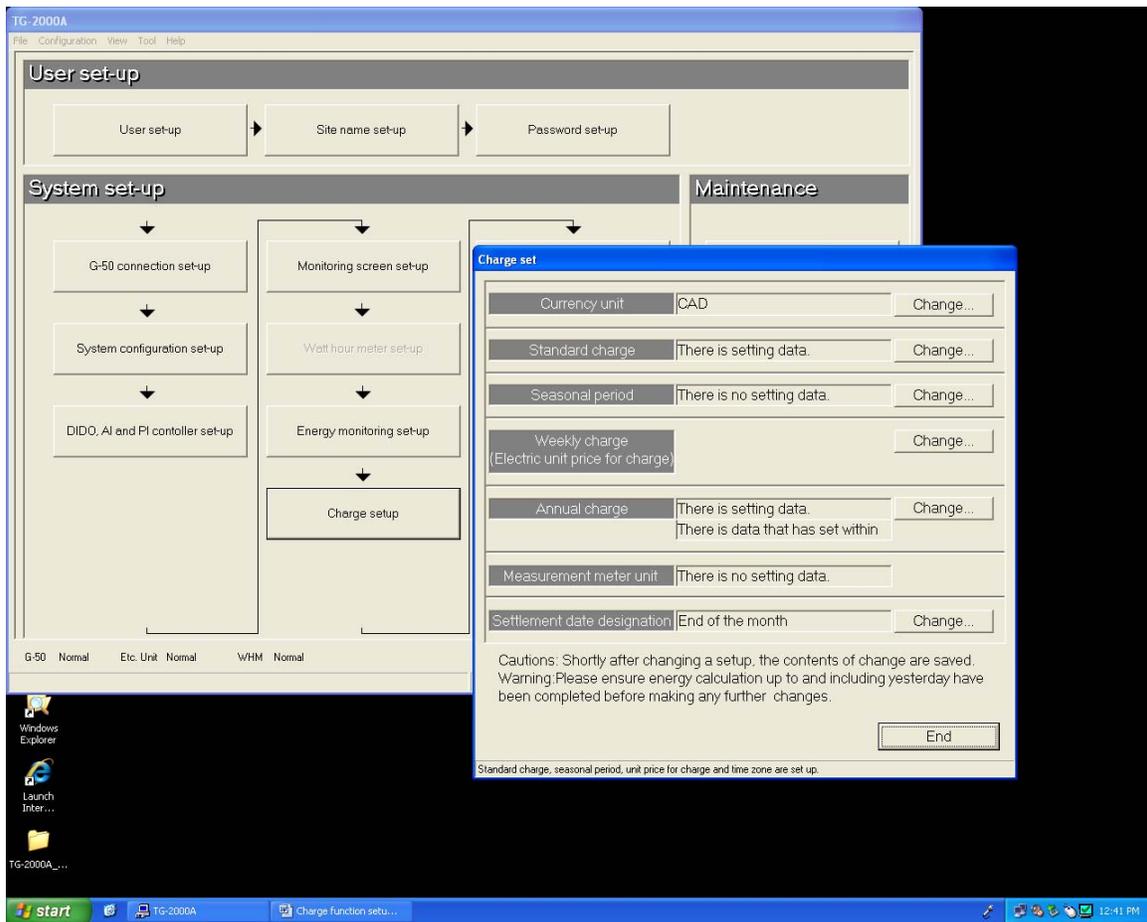
Please set-up capacities of indoor and fan.

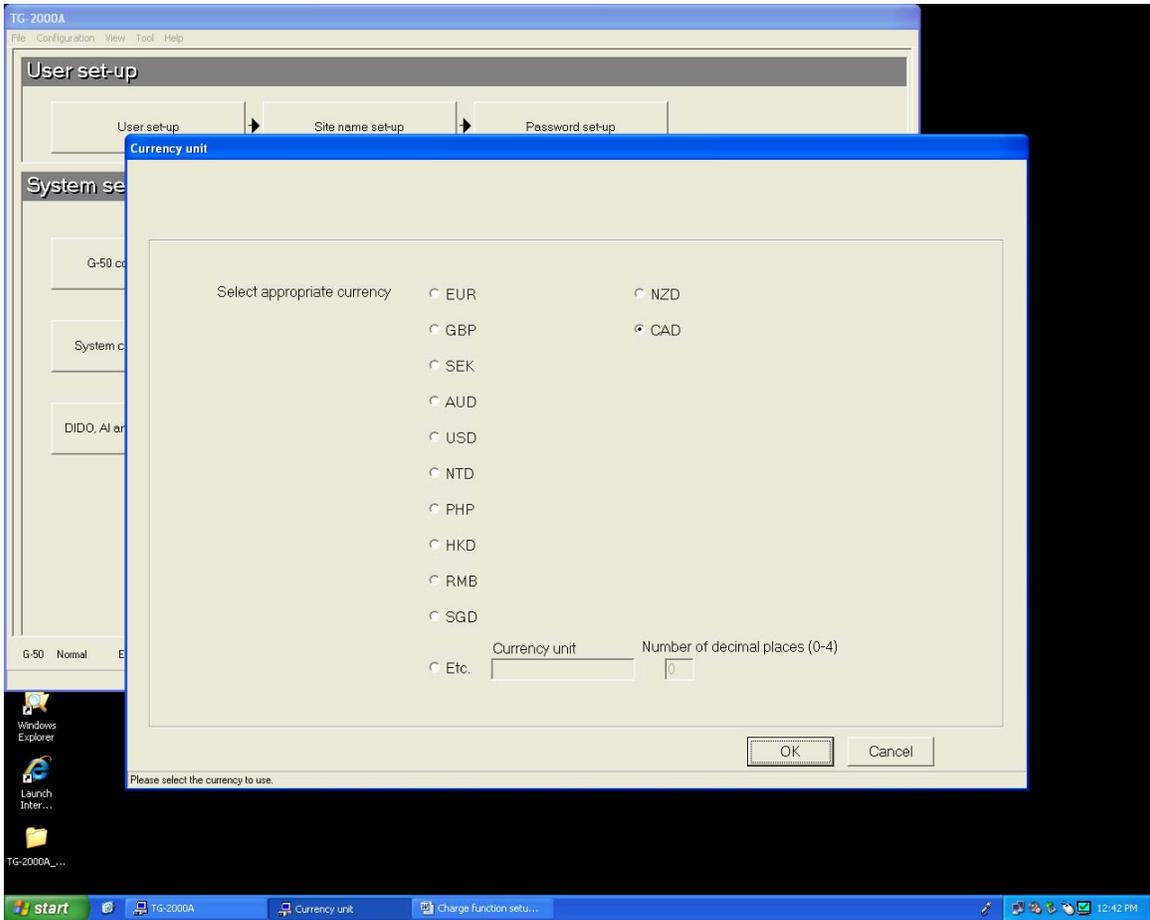
TG-2000A_...

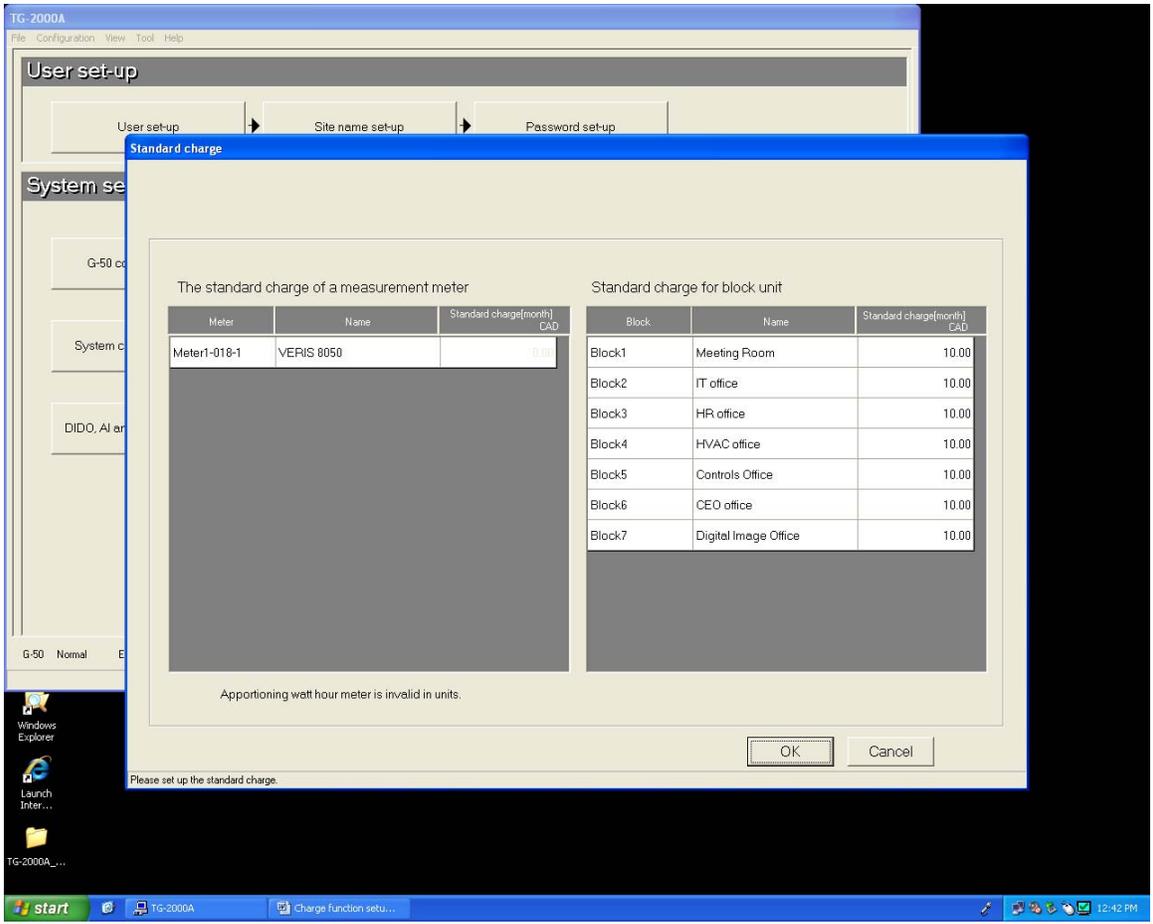
start TG-2000A Energy monitoring se... Charge function setu... 12:40 PM

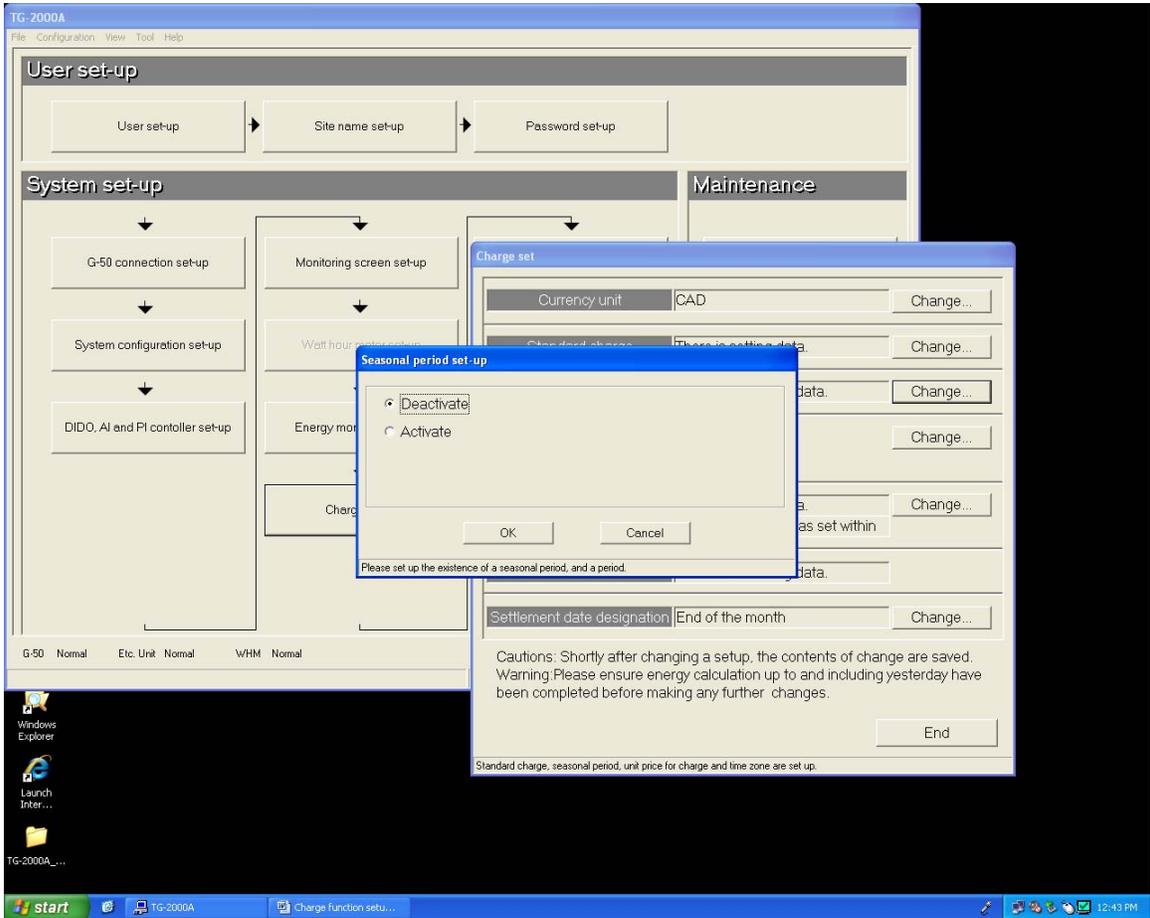


- Charge set-up









TG-2000A
File Configuration View Tool Help

User set-up

User set-up → Site name set-up → Password set-up

System set-up Maintenance

G-50 connectio

System configur

DIDO, AI and PI co

Charge setup for every day of the week

Selection of G-50 ALL Information on a database

0.00 6.00 12.00 18.00 24.00

Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
Sunday

Charge set-up

Kind	Unit price1	Unit price2	Unit price3	Unit price4	Unit price5
Air-con	Unit price for the usual	0.5	1	1	0.5

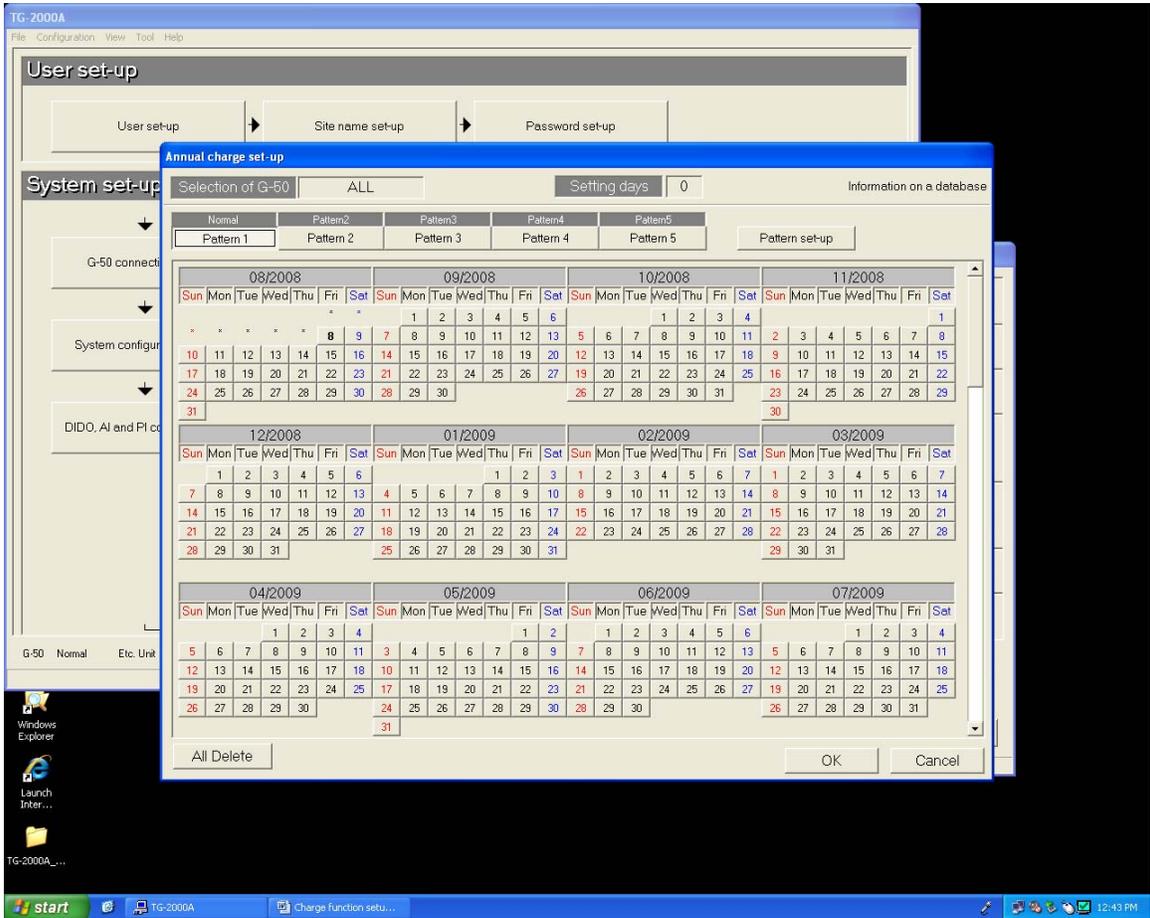
OK Cancel

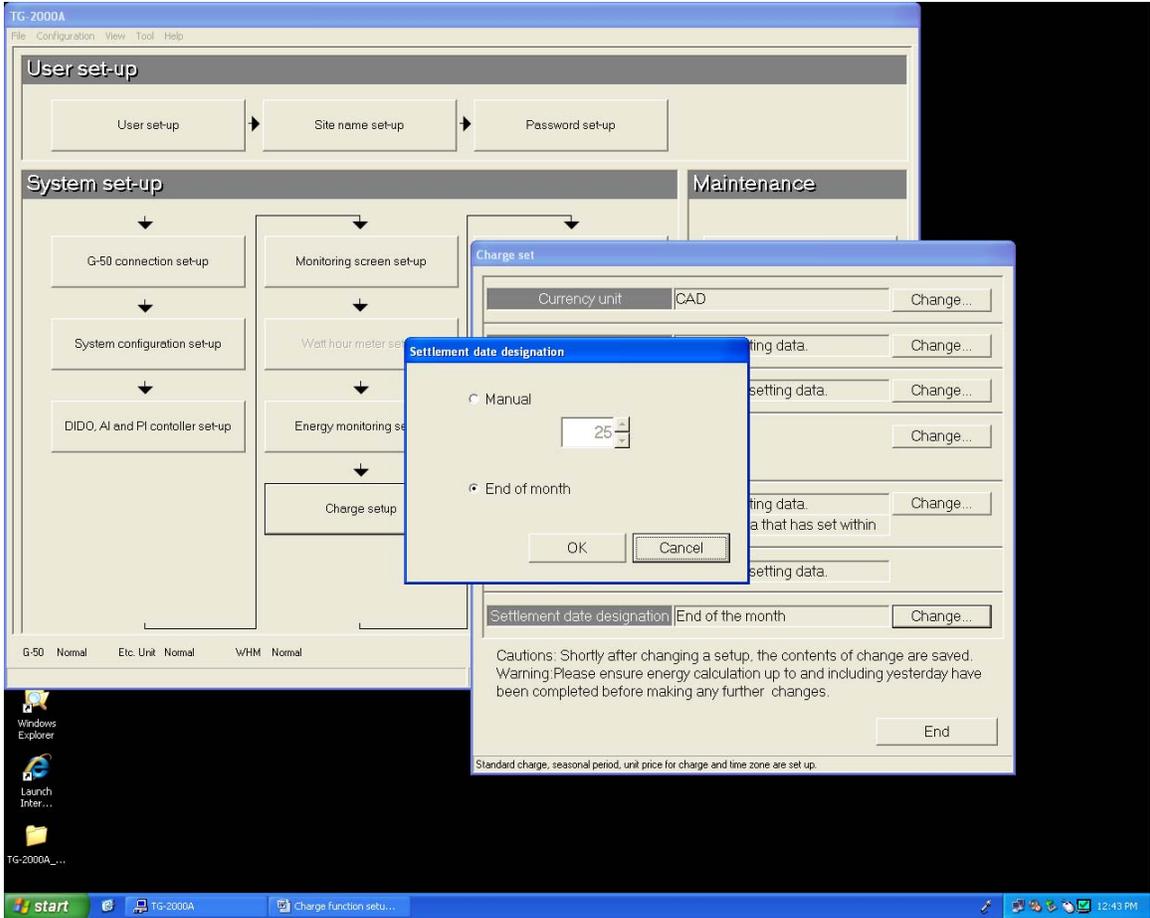
End

Standard charge, seasonal period, unit price for charge and time zone are set up.

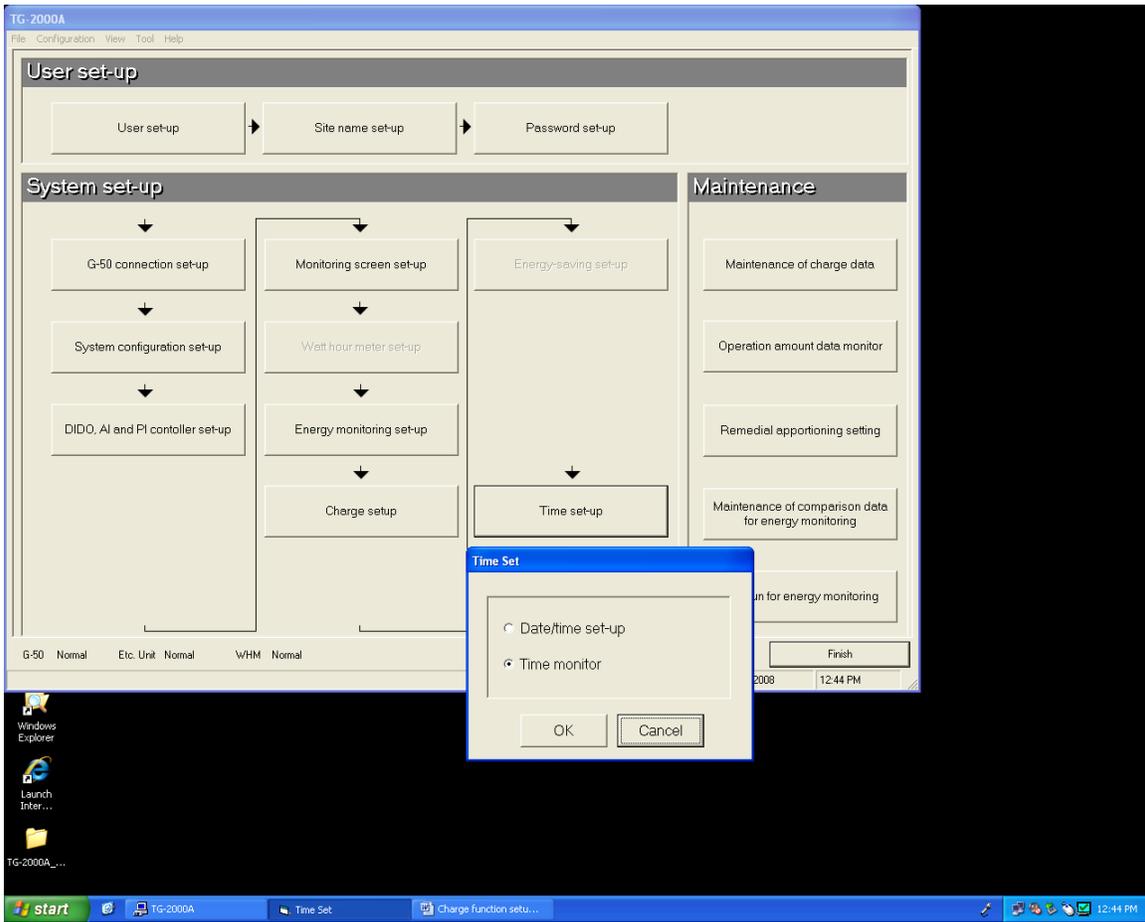
Windows Explorer
Launch Inter...
TG-2000A_...

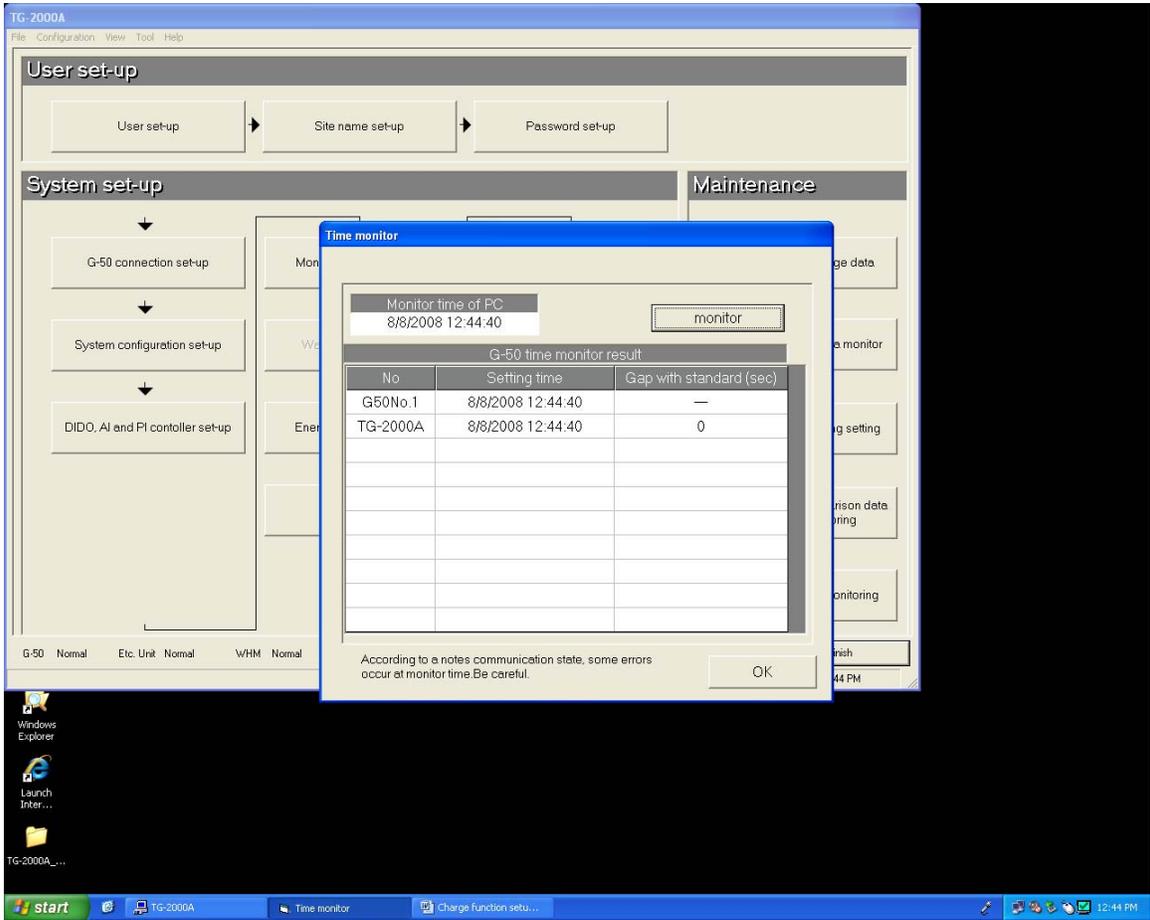
start TG-2000A Charge function setu... 12:43 PM



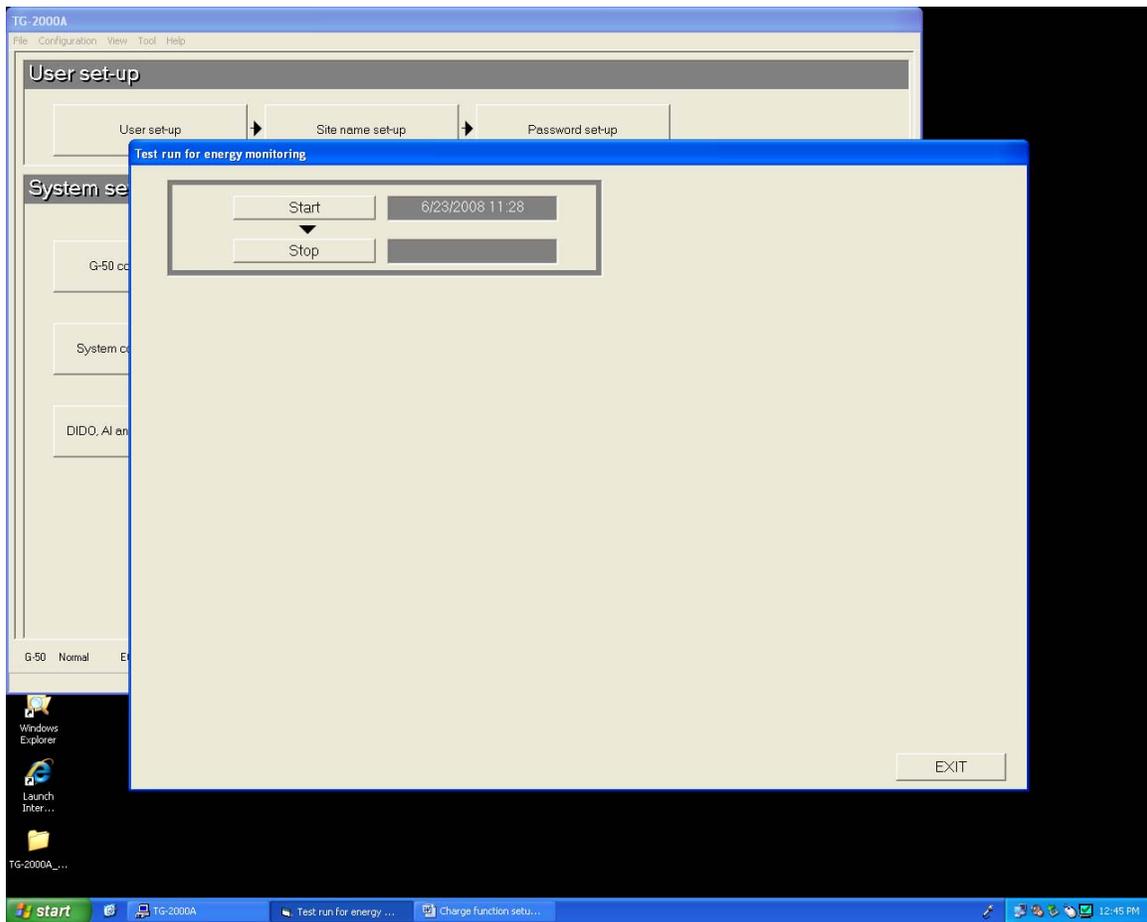


- Time setup

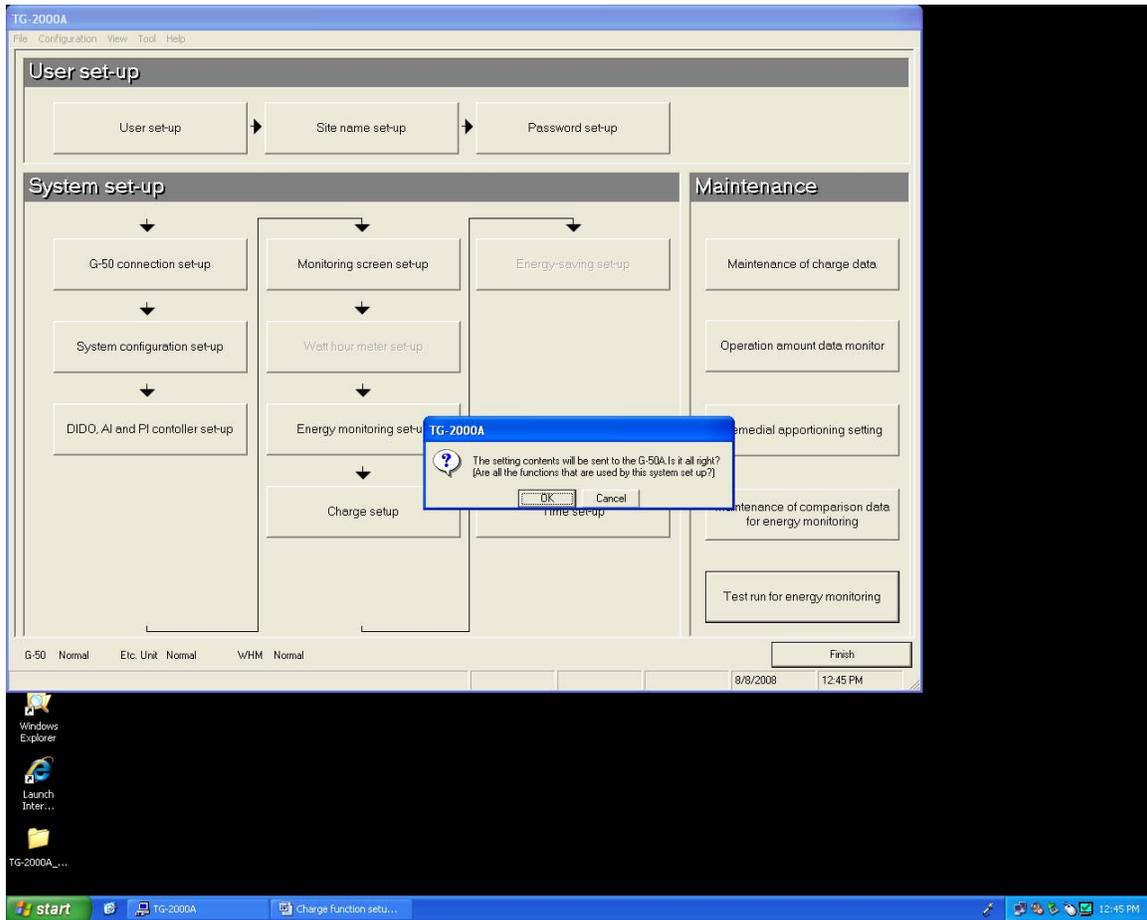




Step 3: Test Run Set-up:



Switch back to Monitoring Screen:



Monitoring Screen:

