Solar-Generation Data

Visualization Software

Festa

Operation Manual

・Please be advised that this operation manual is subject to
 change without notice.

Field Logic Inc.

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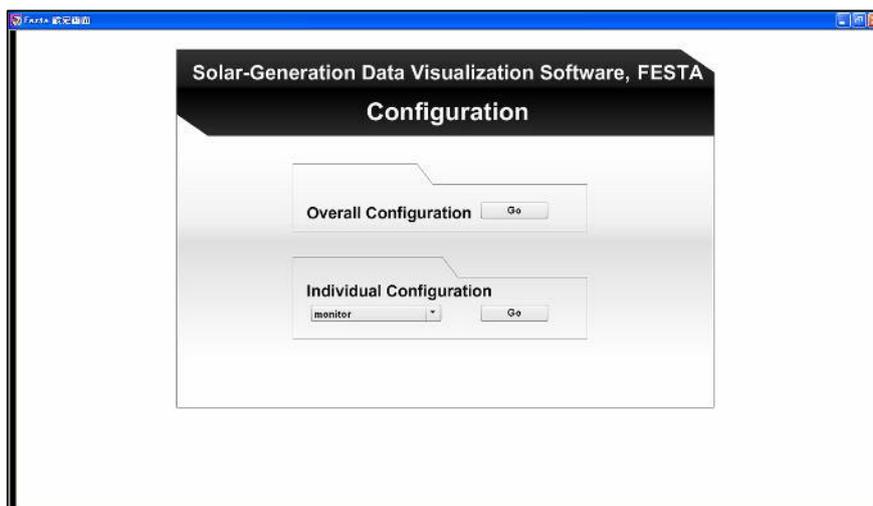## Chapter3 : Detailed guide to settings

INTRODUCTION

This operation manual explains how to operate Festa.

This software has two parts, 'Festa' and 'Festa Settings.
Since the method of starting up the software depends on the content, please refer to the relevant parts of Chapter 1 (from the following page) on how to start up the software.
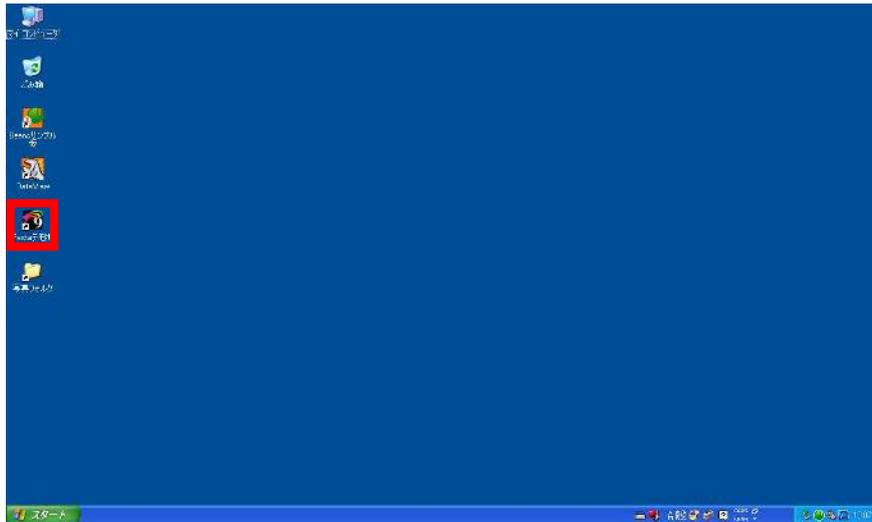

Example of Festa screen

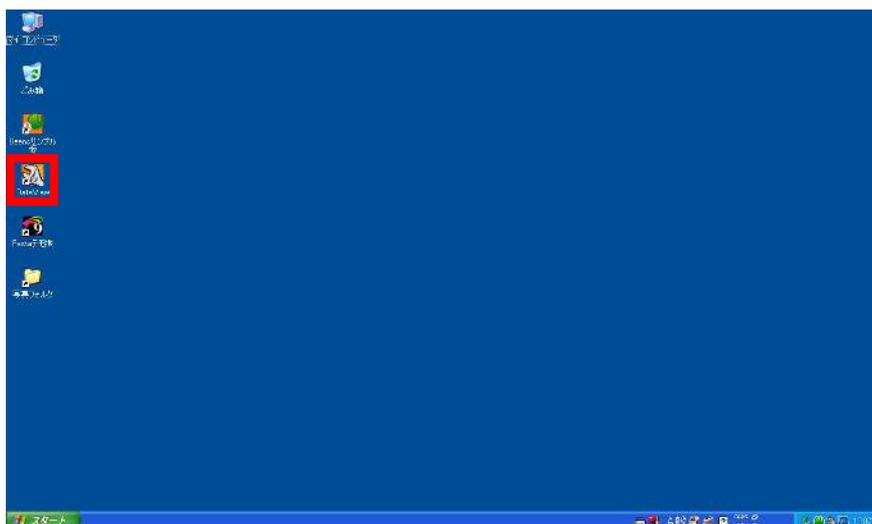Example of Festa Settings screen

Chapter1: Basic Operations

1-1　Starting up Festa

When you click on the Festa icon, Festa will start up.

1-2　Starting up Festa Settings

When you click on the Festa Settings icon, Festa Settings will start up.

1-3　Closing Festa

How to close Festa when Festa is running
Press the ESC key while Festa is displayed on your screen.

When you press the ESC key, an x button will appear in a window on the upper right.

When you click the x button (①), Festa will close.

① Click

1-4　Closing Festa Settings

By clicking the x button (①) in the upper right window, you can close Festa Settings.

※When Festa Settings is closed, Festa will automatically start up.

① Click

1-5　Changing the screen

② Button

① Navigation

Pop-ups

When you move the cursor down toward bottom of the screen, navigation tabs for 'Introduction,' 'System explanation,''Monitor,''Graphs,' and 'User' will appear (①).
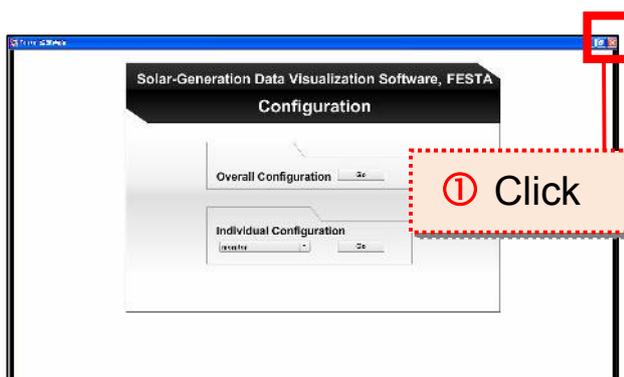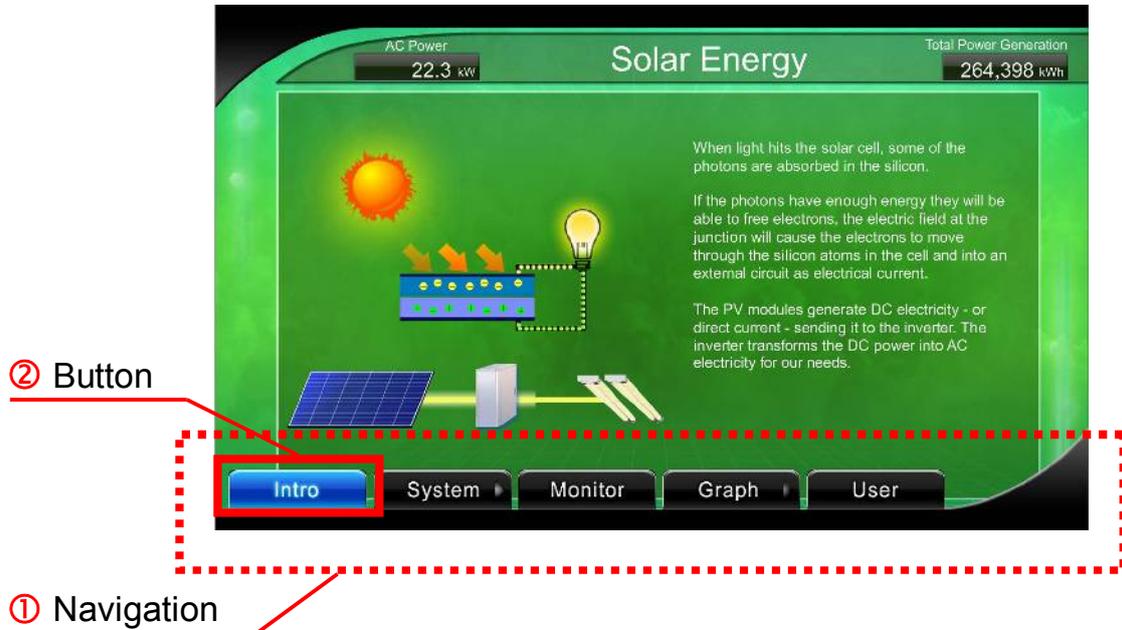By clicking on each tab (②), you can change the screen content.
You can also navigate using Function Keys.
When you click the function keys below, you can change the screen content.

Function key	F1	F2	F3	F4	F5
Navigation tab	Introduction	System explanation	Monitor	Graphs	User

※When the 'Use of the mouse click to change screen settings' from 3-1-8 below in Festa Settings is in effect, you can change the content of the screen by clicking on the tabs at the bottom of the screen (left = forward, right = back) or by pressing the keyboard arrow keys.

1-6   Changing the display date (Graphs)

'Date selection' window

I f you click the 'Date selection' bar (①) in the upper right of the Graphs screen, a 'Date selection' window will appear. You can then use this window to select the date, as explained below.

Power Generation Trend
Click the 'Date selection' window to select the year, month, and day.
Click the arrows to change the day, one day at a time (◄ =back   ► = forward)

Daily Power Generation
Click the 'Date selection' window to select the year, month, and day
Click the arrows to change the day, one day at a time (◄ =back   ► = forward)

Monthly Power Generation
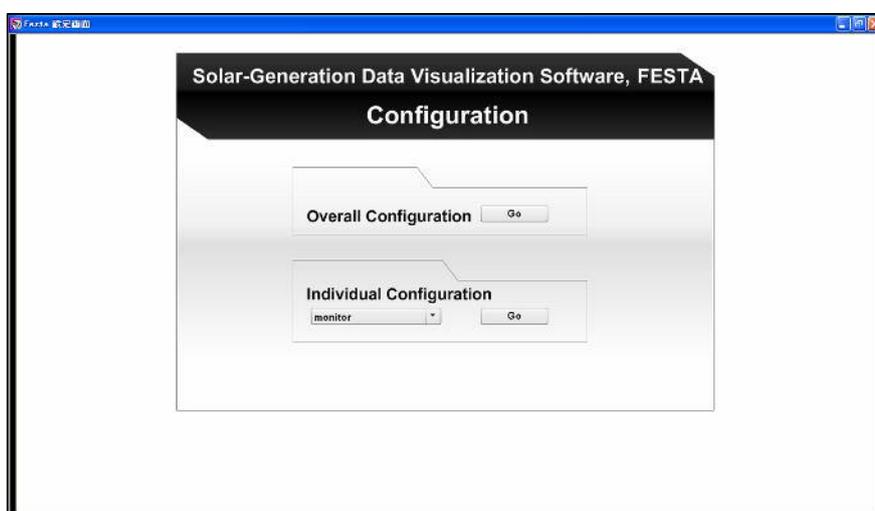Click the 'Date selection' window to select the year and month
Click the arrows to change the month, one month at a time (◄ =back   ► = forward)

Annual Power Generation
Click the 'Date selection' window to select the year
Click the arrows to change the year, one year at a time (◄ =back   ► = forward)

Chapter2 : Layout of the screen and its settings

2-1　Festa Settings Screen and its settings

Overall Configurations:	You can create total settings for Festa, such as settings for automatic screen changes and settings for when to display and not display the mouse.

Individual Configurations:　You can set the display for each screen.

2-2　Screen for making overall settings

System rating input
Is reflected in the monitor gauge and image chart.

Menu display
You can set it on or off on the navigation bar that appears on the Festa screen.

Background music
You can turn background music on or off. (When turned on, you can also set the volume.)

Narration
You can turn spot sounds on or off. (When you turn them on, you can also set the volume.)

Turning off the mouse pointer
You can turn the mouse pointer on or off, and you can create various other settings for it.

Return to particular content (Home Content)
You can create a setting that will return you to a particular screen after a specific certain action.

Automatic screen change setting
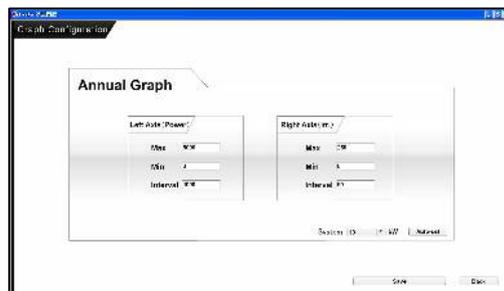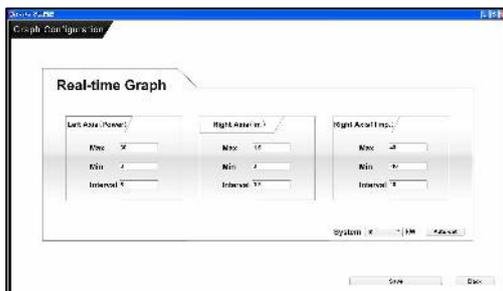You can create settings to change the screen display automatically.
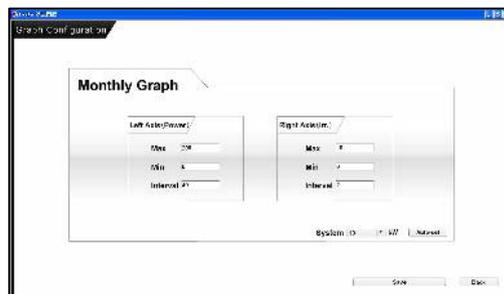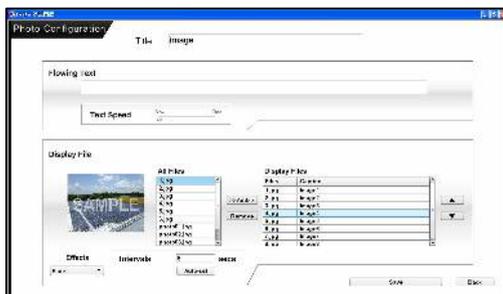
Use of the mouse to change screen settings
By clicking the mouse, you can adjust the settings of the screen being displayed.

※ Background music
　Sounds that are played for all content.

2-3　Settings for particular screens

▪ Monitor screen settings

You can create settings for input of the title on the monitor screen and for the display icon.

▪ Graph screen settings

You can create automatic settings for the range of the axes on the graph and for the range appropriate to the rated kW.

▪ Photo display settings

You can create settings for input of titles on the photo screen, for the speed of words that move across the screen, and for display files.

Chapter3 : Detailed guide to settings

3-1 Overall settings

3-1-1 System ratings

When you click the system rating entry field (①), you can input the kW rating directly.

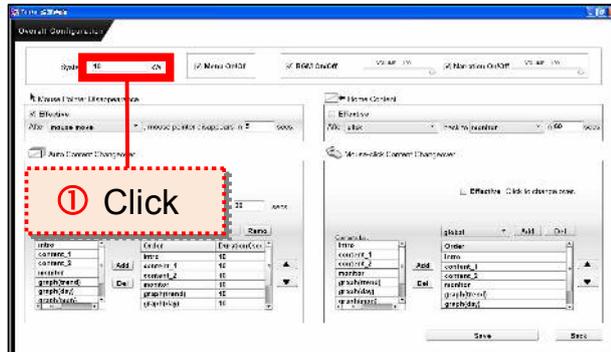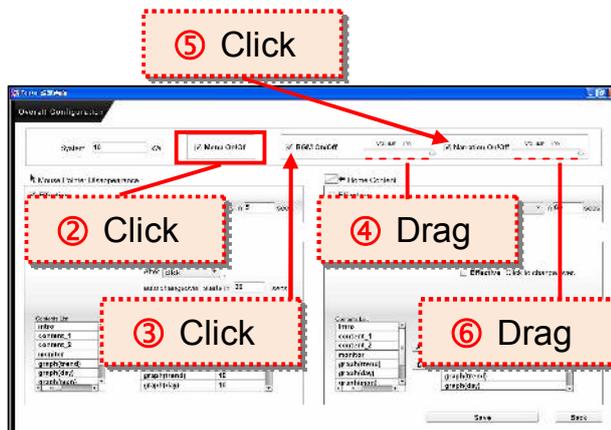To revise the rating, click the same entry field, delete the current rating, and input the new rating value.

3-1-2 Menu display

When you click and check the check box (②) in the menu display field, you can use the menu display navigation. When you delete the check, you cannot use the menu display navigation.

3-1-3 Background music

3-1-3a   Settings for turning background music on and off

When you click and check the background music box (③), you turn on the sound for background music. You can turn off the sound by deleting the check.

3-1-3b   Sound volume adjustment

When the sound is on, you can adjust the volume by dragging the volume knob (④) (clicking the mouse and moving the mouse to the left or right).

3-1-4 Narration

3-1-4a   Settings to turn narration on or off

Click the narration check box (⑤) to turn on narration. Delete the check to turn off narration.
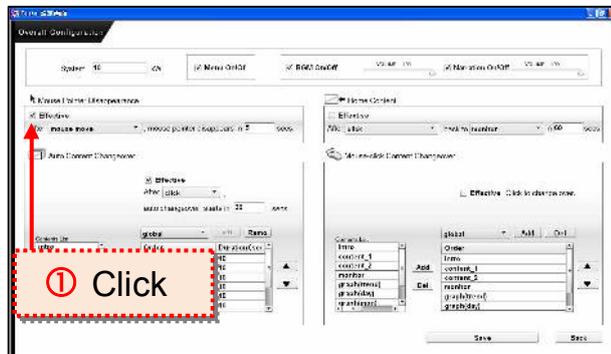
3-1-4b   Narration volume adjustment

When the narration is on, you can adjust the volume by dragging the volume knob (⑥) (clicking the mouse on the knob and moving the mouse to the left or right).

3-1-5   Turning off the mouse pointer

3-1-5a   ON and OFF settings for the mouse pointer

There is a checkbox in the field for turning off the mouse pointer. When you click (①) 'Effective,' you can turn off the mouse pointer.

When you uncheck the box, the mouse pointer will turn on.

① Click

3-1-5b   Initial settings

When the mouse pointer is turned off and you click the field (②) next to the checkbox, you can choose items under 'click,' mouse movement,' and 'screen change' to create the settings you want.

② Click   ③ Click&Direct input

By inputting numerical values in this field (③), you can create a setting for turning off the mouse pointer after a certain number of seconds.

3-1-6   Return to specific content (Home Content)

3-1-6a   On and Off settings

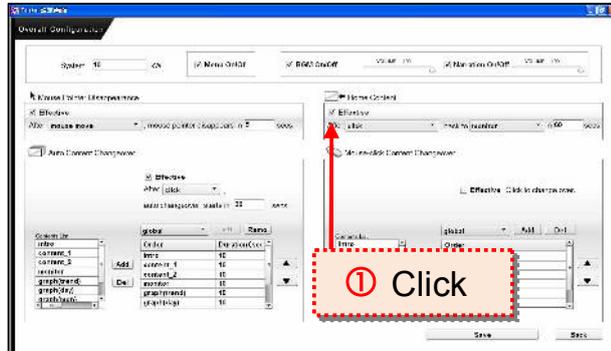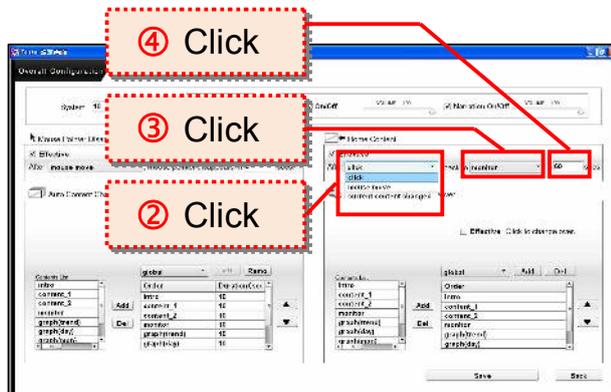When you click and check 'On' in the checkbox (①) in the field for returning to specific content, you can have the screen return to specific content.

When you uncheck the box, the return to specific content setting will be turned off.

3-1-6b   Initial settings

When the return to specific content mouse is turned on and you click (②)the field next to the checkbox, you can choose items under 'click,' 'mouse move' and 'current content changed' to create the settings you want.

By clicking the field to the right of this field and inputting numerical values (③), you can set the amount of waiting time you want before returning to specific content.

When you click the last field (④) on the right, the screen will display a list of the complete contents of the Festa software you are using.
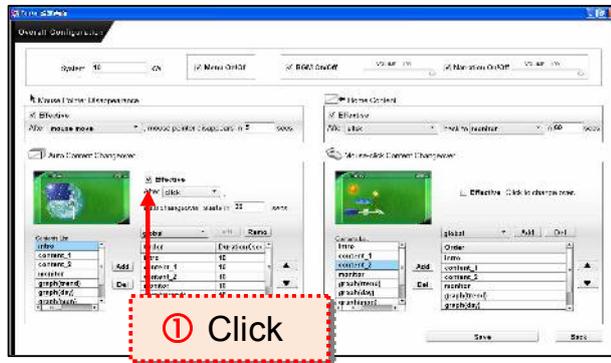
Please choose the specific content that you wish to see from this list.

3-1-7   Automatic screen change settings

3-1-7a   On and Off settings

When you click the checkbox (①) for 'On' in the automatic screen change field, the automatic screen change function will turn on.

You can turn off this setting by unchecking the checkbox.

3-1-7b   Initial settings

When the automatic screen change function is turned on and you click the field (②) next to the checkbox, you can choose items under 'click,''mouse move,' and 'current content changed' to create the settings you want.

By clicking the next field to the right (③) and inputting numerical values, you can set the amount of waiting time you want before an automatic screen change.

3-1-7c   Settings for adding or deleting screens

By clicking (①), you can choose the 'Automatic screen change settings' when you want to add or delete a screen.
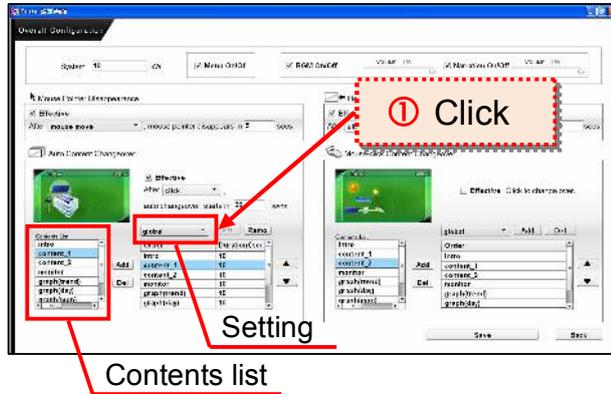

① Click

Setting

Contents list

※If you do not add any settings at this time, the settings will be automatically set for the addition or deletion of screens.

※Regarding the addition or deletion of settings, you can select registered settings to be added or deleted, as described in 3-1-7d below.

You should select the screen that you want to add from the content list and click 'Add' (②).

② 'Add' or 'Delete'
Click

When you wish to delete content, select the screen that you want to delete from the box on the right and click 'Delete'(②).

3-1-7d Creating registered 'Add' and 'Delete' settings

When adding a registered setting, click on the field for registered settings and directly input (①) the name of the setting that you want to add. Then click the 'Add' button (②).

※The name of the setting that you input must begin with a half-size letter of the alphabet.
The name of the setting must consist only of letters of the alphabet and numbers. All the letters and numbers must be half-size.

Registration setting

③ Click

④ Click

② Click

① Direct input

When deleting a registered setting, click (③) on the registered setting and then click 'Delete' (④).

3-1-8 Use of the mouse click to change screen settings

3-1-8a On and Off settings

When you click on the checkbox (⑤) that says 'On' in the field for setting mouse click screen changes, the automatic screen change setting will turn on. You can turn off this setting by unchecking the checkbox.

⑤ Click

3-1-8b   Screen addition and deletion settings

When you click (①), you can choose the 'Mouse click change setting' that you want for the addition or deletion of screens.
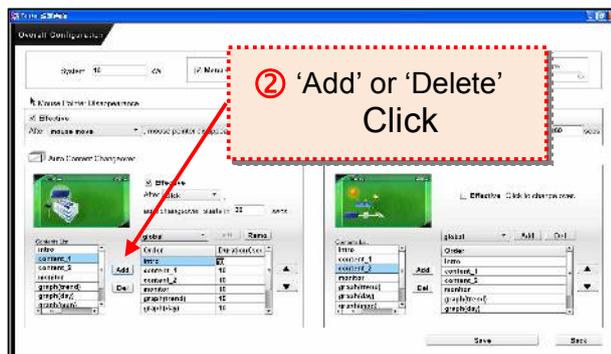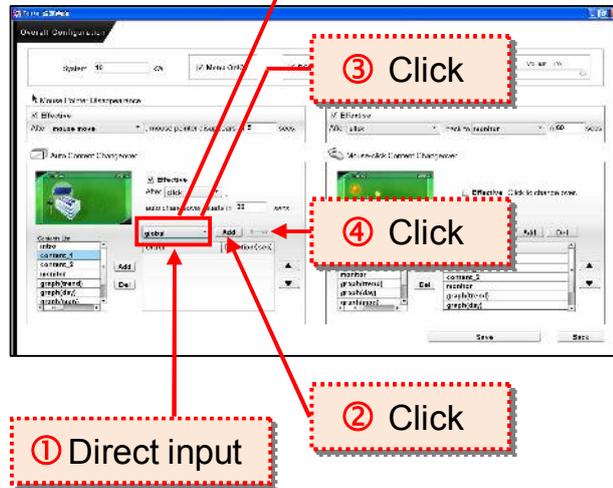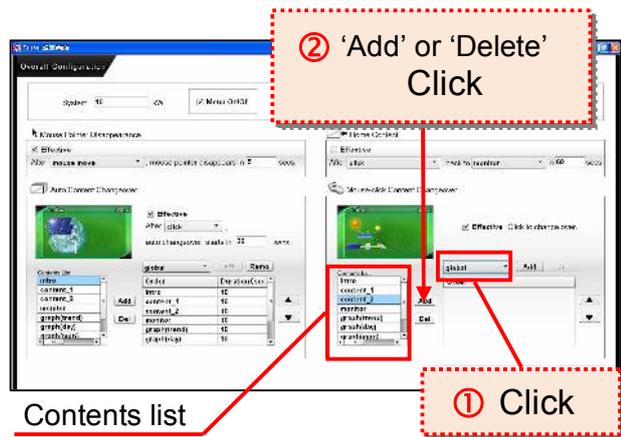
※If you do not add any settings at this time, the settings will be automatically set at 'standard' for the addition or deletion of screens.

※Regarding the addition or deletion of settings, you can select registered settings to be added or deleted, as described in 3-1-8c below.

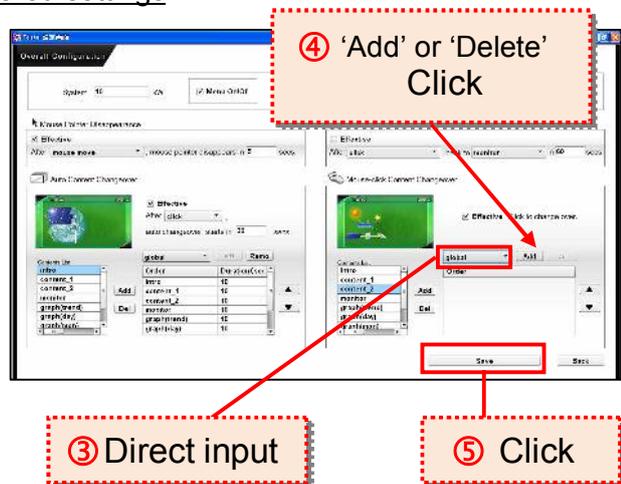You should select the screen that you want to add from the contents list and click 'Add' (②).

When you wish to delete a registered setting, select the screen that you want to delete from the box on the right and click 'Delete' (②).

② 'Add' or 'Delete' Click

① Click

Contents list

3-1-8c   Addition and deletion of registered settings

When adding a registered setting, click on the box for registered settings and directly input the name of the setting that you want to add (③).

※The name of the setting that you input must begin with a half-size letter of the alphabet. The name of the setting must consist only of only letters of the alphabet and numbers. All the letters and numbers must be half-size.

④ 'Add' or 'Delete' Click

③ Direct input

⑤ Click

After inputting the name, click (④) 'Add.' When deleting a registered setting, click on the registered setting (①) and then click 'Delete'(④).

3-1-9   Saving settings

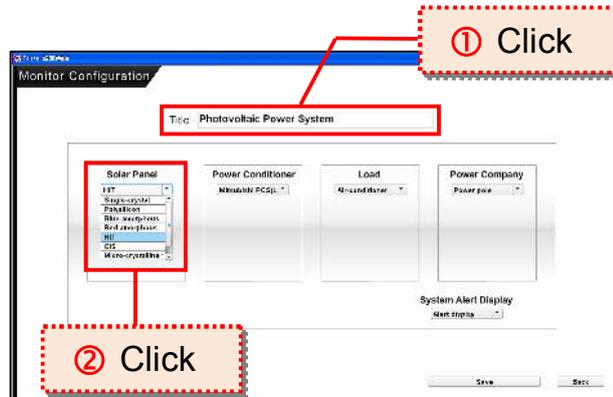After changing settings, always be sure to save them.
To save settings, click 'Settings' (⑤) on the lower right part of the screen.

3-2   Individual settings
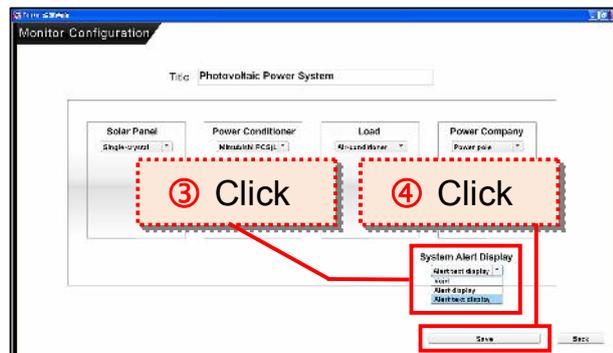
3-2-1   Monitor

3-2-1a   Title settings

Click in the box for titles (①), and you can directly input the title you want for display on the monitor screen.

3-2-1b   Settings for display items

When you click each of the various fields (②) for 'Solar panel,' Inverter,' 'Load,' 'Electric power company,' you can choose the icon you want from several icons that are displayed.

3-2-1c

Settings for system warning displays

Click on the system warning display field (③) and you can choose the setting you want from 'Void,' 'Alert display,' and 'Alert Text display for abnormal conditions.'
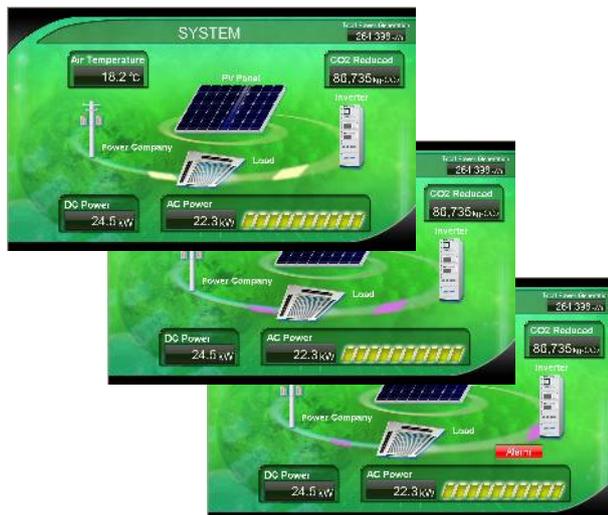
▪ Void

Nothing is displayed even if something abnormal occurs in the system.

▪ Alert display

When something abnormal occurs in the system, the color of animation on the screen will change.

▪ Alert Text display

When something abnormal occurs in the system, the color of animation on the screen will change, and in addition, a text message will be displayed.
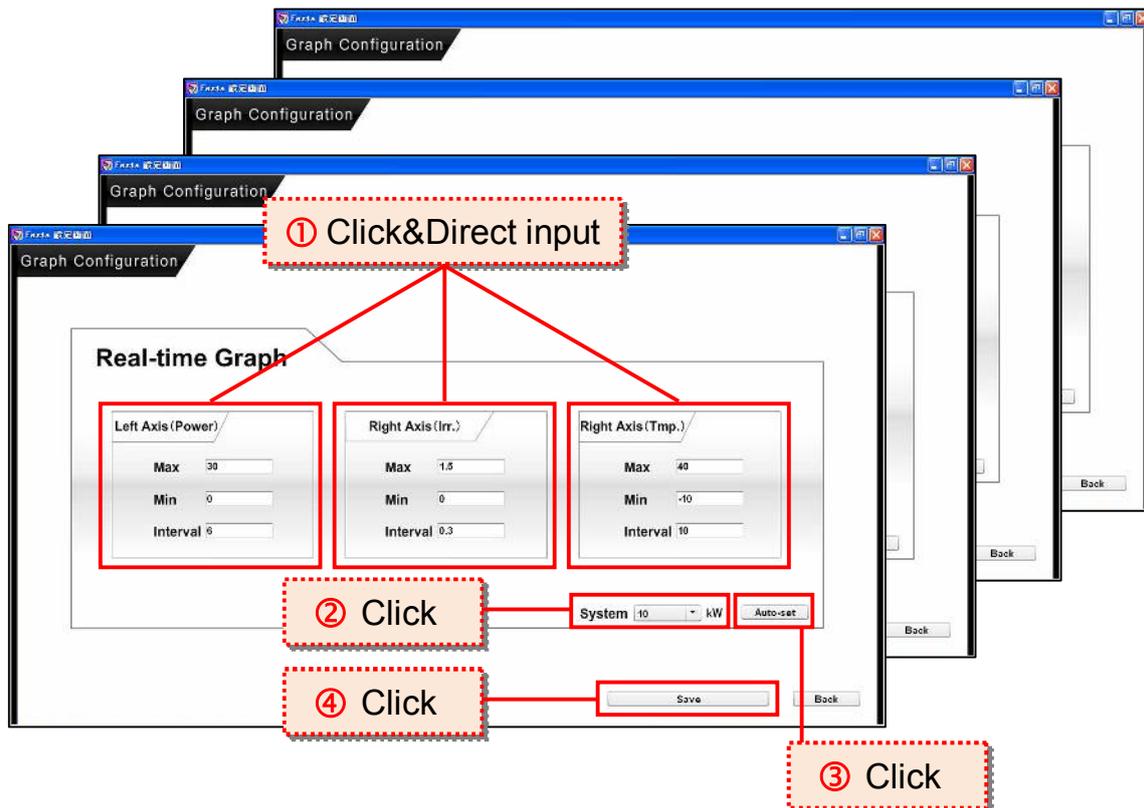
3-2-1d   Saving settings

After changing settings, always be sure to save them.
To save settings, click 'Settings' (④) on the lower right part of the screen.

3-2-2　Graphs by year, month, day, and instantaneous value

※The way of creating the setting for each screen is the same.

※For each screen the content displayed in the axes and the numbers on the axes are different.

3-2-2a　Scale setting for each axis (desired setting)

Click on the numerical values fields (①) for 'maximum,' 'minimum,' and 'intervals' for each axis, and then you can directly input the values you want.

3-2-2b　Various scale settings (automatic settings appropriate to the rating)

After you click on the field (②) for the kW rating and choose the kW rating, 'a setting appropriate to the kW rating will automatically be decided and fixed when you click 'Auto-set' (③) .
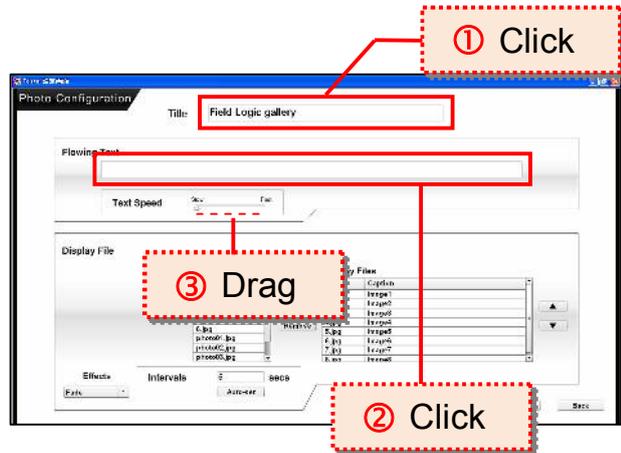
3-2-2c　Saving settings

After changing settings, always be sure to save them.
To save settings, click 'Save' (④) on the lower right part of the screen.

3-2-3　Photo screens

3-2-3a　Title settings

Click the title box field (①), and directly input the title you want to display on the photo screen.

3-2-3b
Settings for moving characters

Click the field for moving characters (②), and directly input the text you want for characters that move across the screen.
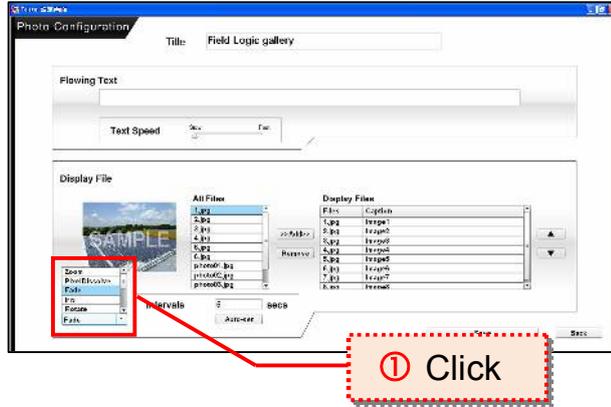

You can adjust the speed of the characters moving across the screen by dragging (clicking the mouse and moving the mouse to the left or right) the adjustment knob (③) in the field for the speed of moving characters.

<u>3-2-3c　Display file settings</u>

Photo effect changes

When you click the 'Effects' field (①), you can choose eleven screen photo effects from the ones given in the display file below.

Please try out each effect.

① Click

Examples)

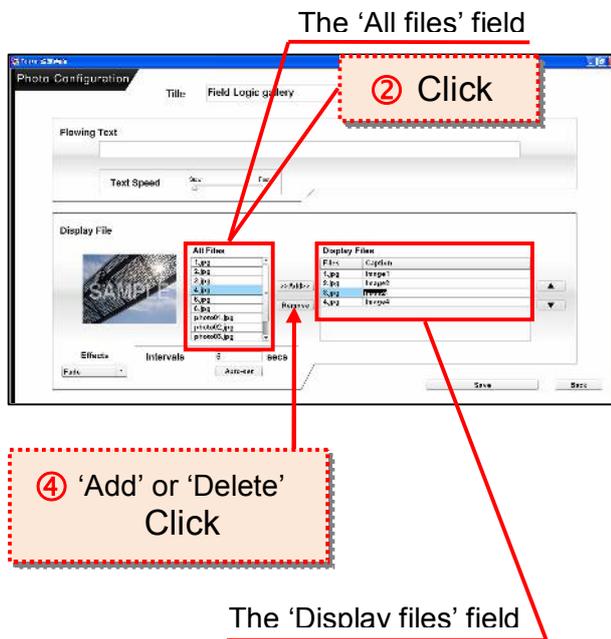| 1.Zoom	2.Pixel dissolve	3.Fade	4.Iris	5.Rotate
6.Wipe	7.Photo	8.Blinds	9.Fly	10.Squeeze	11.No effect

Addition to or deletion from the display file

From the 'All files' field, click the file that you want to add (②).

If you click 'Add,' the file will be added to the 'Display files' field (③).

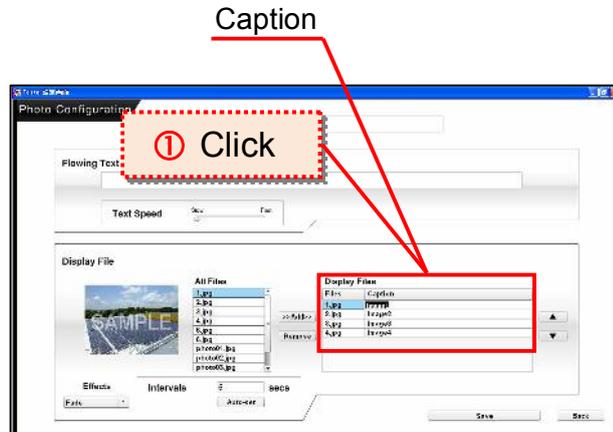To delete a file, select the file you want to delete from the 'Display files' field and click 'Delete' (③).

※Photos that are put in the 'Photo folder' on the desktop, are displayed in the field for all files.

The 'All files' field

② Click

④ 'Add' or 'Delete'
　　Click

The 'Display files' field

Caption editing

When you click on items to be changed in the caption field (①), you can directly input captions.
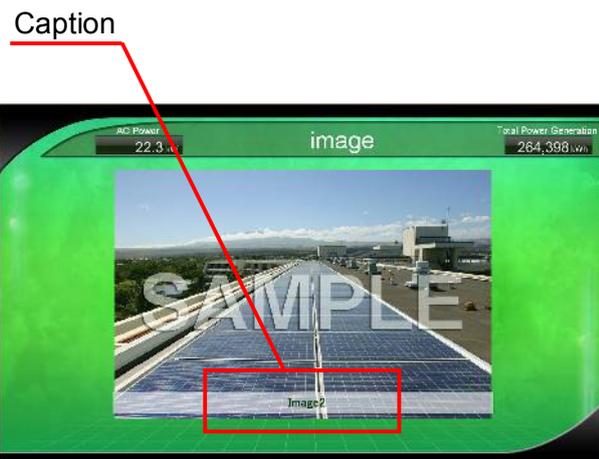
※When a file is displayed, you can edit text that appears below the displayed file on a photo screen.

Caption

Setting the time for display file changes

If you click on the 'Intervals' field (②), you can directly input the amount of time you want for changing a display file.

When you click the automatic time allocation button, you can create a setting in which all the content displays will appear within a fixed amount of time.

Caption

3-2-3d   Saving settings

After changing settings, always be sure to save them.
To save settings, click 'Save' (③) on the lower right part of the screen.