



# GMV5

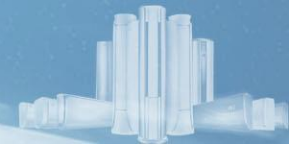
THE 5<sup>TH</sup> GENERATION OF

GREE MULTI VRF SYSTEM



## GMV 5 Debugging software

Overseas Sales Co, GREE



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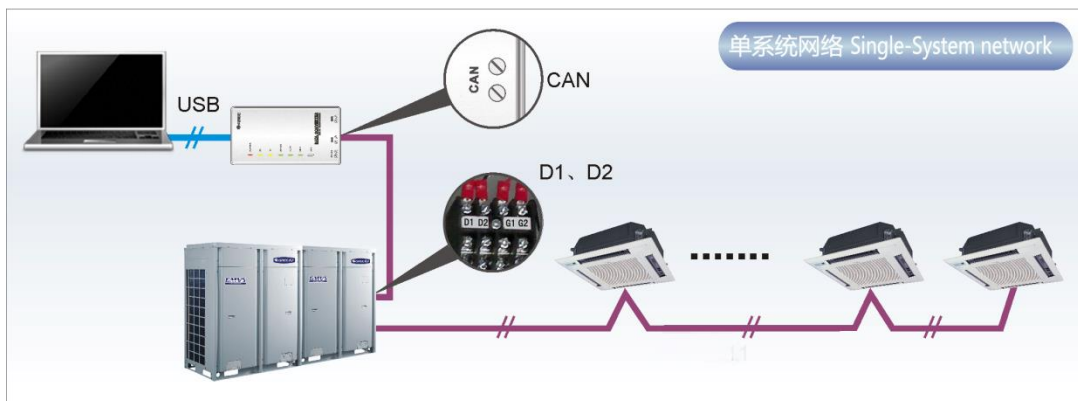
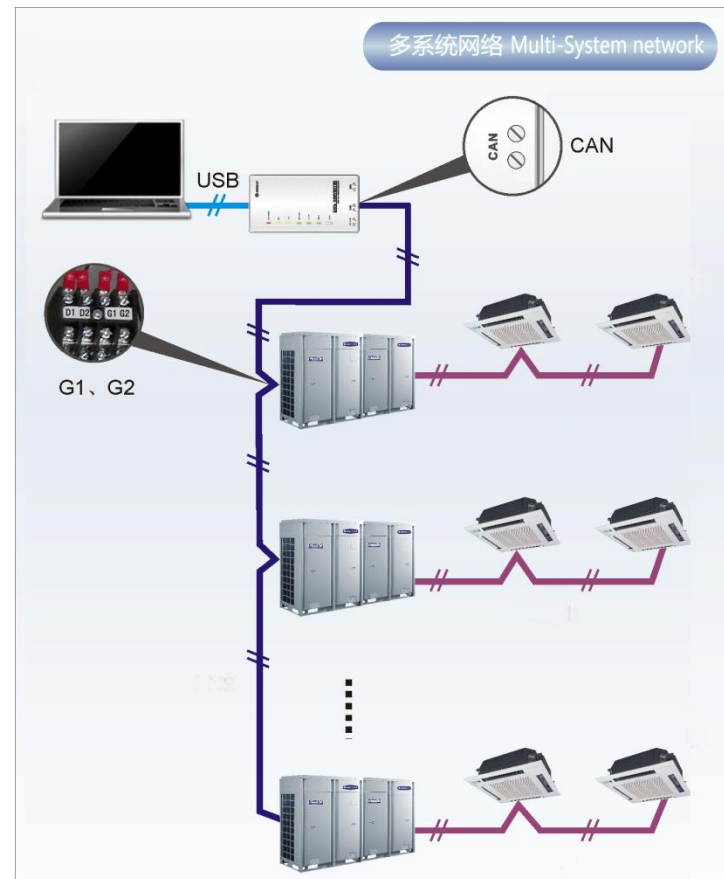
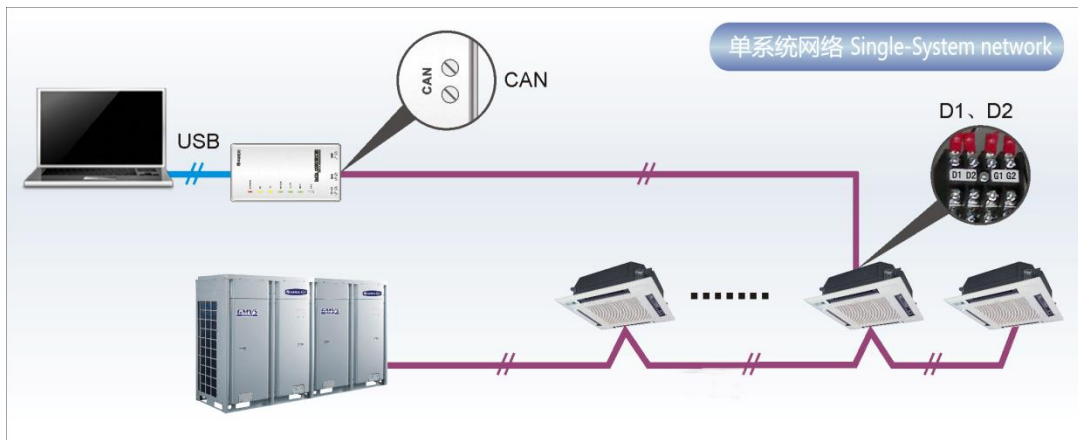
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# 1. Network connection



Step 1: Connect computer to converter by USB;  
 Step 2: Connect converter to units by CAN.

The method is applicable to one-system and multi-system. In one-system, ODU CAN and IDU CAN are both available, but in multi-system, only ODU CAN is available.



## 2. Software Installation



## **Operation Systems requirement**

### **➤ Operation Systems Supported by the debugger**

**Windows XP , Windows 2003 , Windows Vista ,Windows7, Windows 8.**



# 1. Installing Net Framework 4.0

If your PC has been installed with .Net Framework 4.0 or later version, skip this step. Otherwise, click “Install .Net Framework 4.0”.





## 2. Installing Gree Debugger

Before installing Gree Debugger, make sure your PC has been installed with .Net Framework 4.0 or later version. Click “Install Gree Debugger”.





### 3. Installing Access Driver

Before the Gree Debugger can run, install the Access Driver (required for versions earlier than Office 2007). Click “Install Access Driver”.





## 4. Installing USB Converter Driver

Be sure you are authorized to be an administrator of this computer before installing the USB Converter Driver. And then click “Install USB Converter Driver”.





## 5. Installing Gree Data Converter

When the baud rate is required to be changed, click “Install Gree USB Data Converter”.

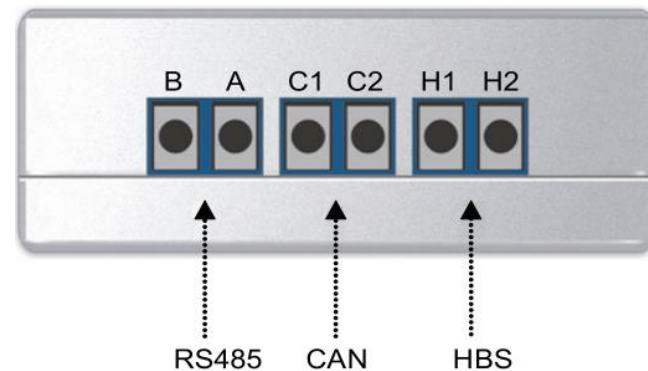
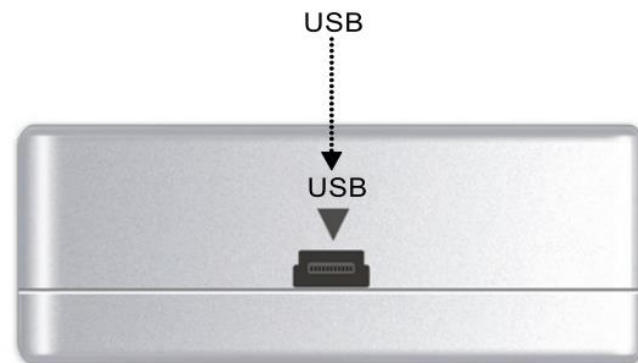
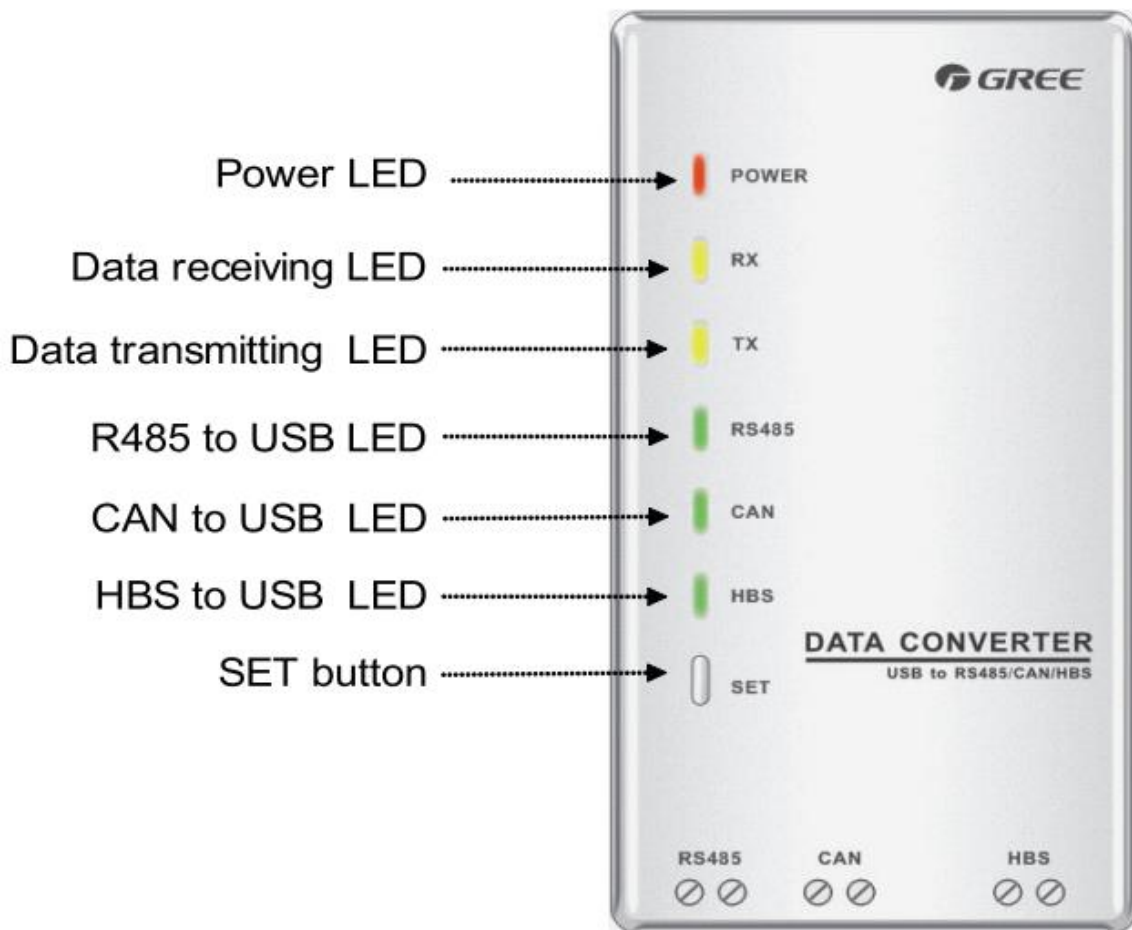




## 3. Data Converter



# 1. Structural Drawing





## 2. Connection Method






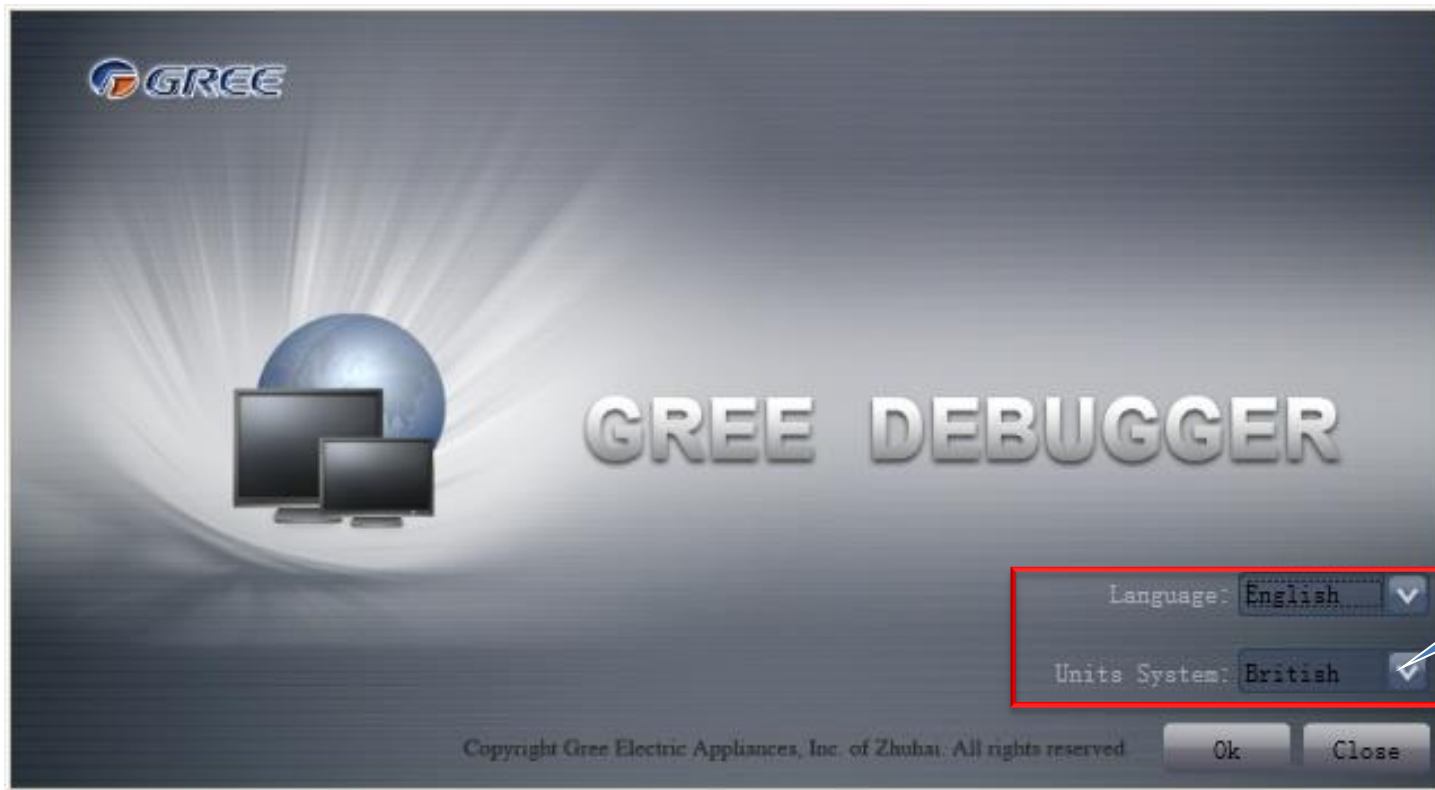
## 4. Software function



## Software Start



Double click shortcut key  ,software will start. And you can proceed conversion of languages and units on the main interface.



Choose language and units



# Communication configuration links

Select Com NO., and then click “connect”. It will get into numerical value interface.

The screenshot displays the GREE Debugger software interface. At the top, a toolbar includes buttons for Start, Stop, Monitor, Debug, Setting, Capture Screen, Open Data Folder, Others, and Help. Below the toolbar, a status bar shows "Disconnected" with a red 'X' icon. A callout box with the text "Select Com NO." points to a dropdown menu where "COM1" is selected. To the right, the "Protocol Selection" is set to "CAN". Below these controls are "Connect" and "Disconnect" buttons.

The interface also features three connection diagrams:

- Top Left Diagram:** Labeled "单系统网络 Single-System network". It shows a laptop connected via USB to a CAN interface device. This device is connected to a CAN bus that includes a control panel and several air conditioning units. A callout shows a CAN connector with pins labeled "D1, D2".
- Bottom Left Diagram:** Also labeled "单系统网络 Single-System network". It shows a similar setup to the top-left diagram, but with a callout showing a CAN connector with pins labeled "D1, D2".
- Right Diagram:** Labeled "多系统网络 Multi-System network". It shows a laptop connected via USB to a CAN interface device. This device is connected to a CAN bus that branches out to multiple control panels and air conditioning units. A callout shows a CAN connector with pins labeled "G1, G2".

At the bottom of the interface, the status "Communication: CAN" and "Baud Rate: 115200" is displayed. The footer shows "Current Sampling Time:" and "Total Sampling Time: 0 Mins".



# Numerical value interface

On this page, you can see units basic information, main control information, ODU module parameters, IDU parameter(80 pcs of IDU simultaneously), trouble parameter, units list and so on.

Start
Stop
Monitor
Debug
Setting
Capture Screen
Open Data Folder
Others
Help

Main List

System

Model: GMV5S

Cool-heat Modes: Cool-heat

Online ODU: 5

Comp 1: h

Compressor Status: Stop

Defrosting Status: No

Oil Return Status: No

Quiet Function: Quiet Mode0

Vacuum pumping: NaN

Refrigerant Callbac: Indoor Refrig

Units basic information

Outdoor Select: ODU1

Rated Capacity	22.4	kW	Comp2 Shell Temp	30	°C	Comp1 Current	0	A
Master-Slave Status	Master		Defrosting Temp1	26	°C	Comp1 Busbar Volt	19	V
Outdoor Temp	26	°C	Subcooler Lin Temp	25	°C	Comp1 IPM Temp	26	°C
Comp1 Operation F	0	Hz			rent	0	A	
Comp2 Operation F	0	Hz			ltag	21	V	
Fan1 Operation Fre	0	Hz	Separator Outlet	26	°C	Fan1 IPM Temp	26	°C
Fan2 Operation Fre	0	Hz	ODU Heating EXV	0	Pls	Comp2 Current	0	A
Module HP	25	°C	ODU Fan Static Pre	0	Static Press	Comp2 Busbar Volt	0	V
Module LP	25	°C	Comp1 Status	Off		Comp2 IPM Temp	-100	°C
Comp1 Discharge T	25	°C	Comp2 Status	Off		Fan2 Current	0	A
Comp1 Shell Temp	25	°C	4-way Valve1	Off		Fan2 Busbar Voltag	0	V
Comp2 Discharge T	-30	°C	LP Measure Valve	On		Fan2 IPM Temp	-100	°C

ODU1 working parameter

Outdoor Select: ODU2

Rated Capacity	40	kW	Co
Master-Slave Status	Slave 1		Co
Co			Co
Co			Sut
Sut			Sut
Fan2 Operation Fre	0	Hz	
Module HP	25	°C	
Module LP	25	°C	O
Comp1 Discharge T	25	°C	OD

ODU2 working parameter

Project Number	Model	Rated Capacity	Master IDU	On-off Status	Mode	Fan Speed	Temp-Setting	Indoor Amb Temp	Inlet Pipe Temp	Outlet Pipe Temp	Indoor Outlet Air Temp	EXV Status	Aux E-heater	Up-down Swing	Left-right Swing	Anti-freezing Protection	Group Number	IDU-ODU Communication Error	Mode Conflict
3	Duct(D-PI	8	Slave	Off	Cooling	Fan Stop	16					0	Off	P15	Parallel S	Normal	3	Normal	No
1	Duct(D-PI	12.5	Master	Off	Cooling	Fan Stop	16					0	Off	P15	Parallel S	Normal	1	Normal	No
4	Duct(D-PI	6.3	Slave	Off	Cooling	Fan Stop	16	25	25	25	0	0	Off	P15	Parallel S	Normal	4	Normal	No
5	Duct(D-PI	8	Slave	Off	Cooling	Fan Stop	16	26	26	25	0	0	Off	P15	Parallel S	Normal	5	Normal	No
6	Duct(D-PI	11.2	Slave	Off	Cooling	Fan Stop	16	26	25	25	0	0	Off	P15	Parallel S	Normal	5	Normal	No
7	Cassette(l	5	Slave	Off	Fan only	Fan Stop	25	25	25	25	0	0	Off	Off	Off	Normal	6	Normal	No
2	Duct(D-PI	6.3	Slave	Off	Cooling	Fan Stop	16	25	24	24	0	0	Off	P15	Parallel S	Normal	2	Normal	No
8	Cassette(l	8	Slave	Off	Fan only	Fan Stop	25	26	25	25	0	0	Off	Off	Off	Normal	8	Normal	No

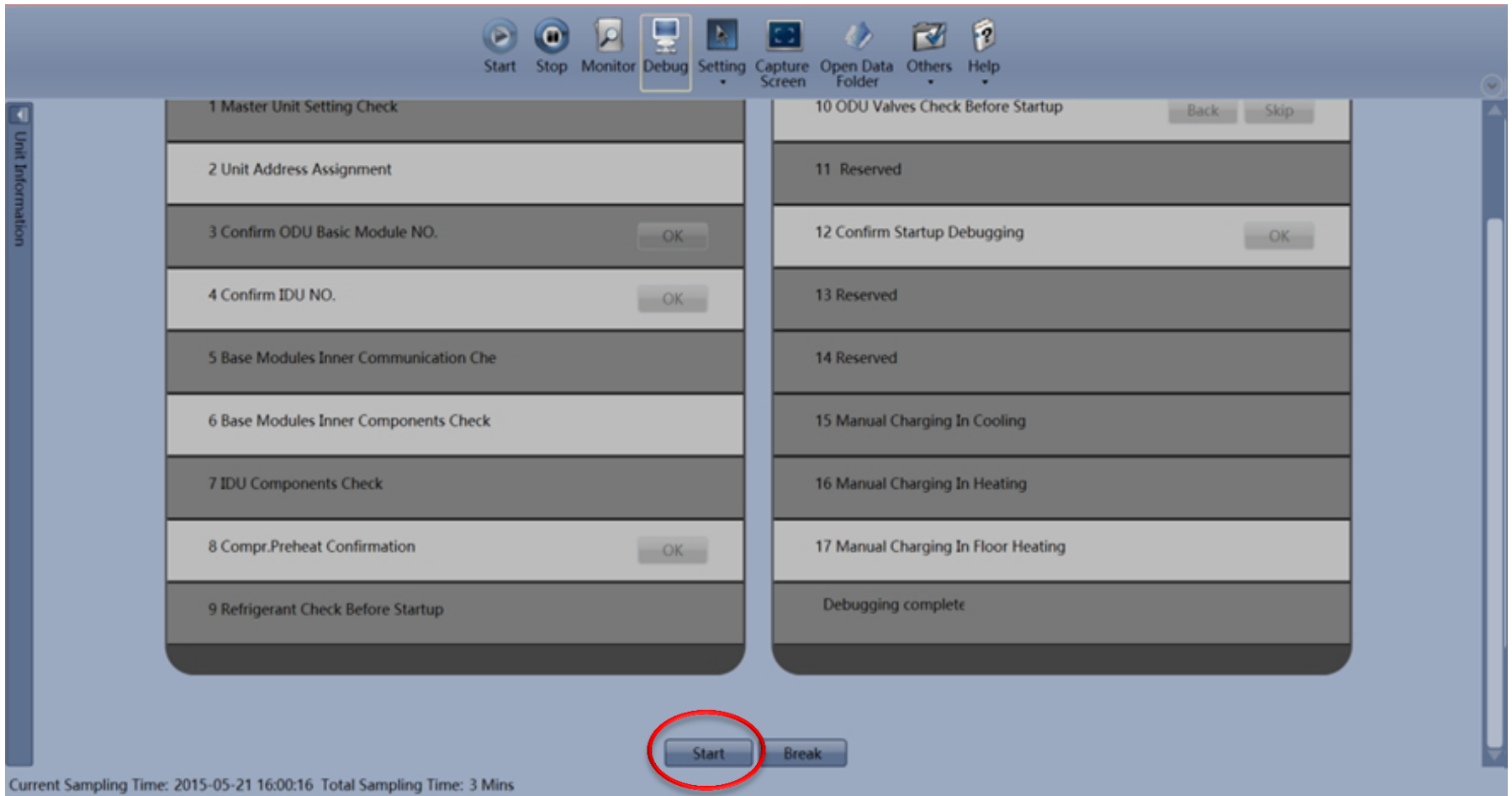
IDU working parameter

Current Sampling Time: 2015-05-21 15:59:50 Total Sampling Time: 2 Mins



# Engineering debugging

Click “Debug” , it will get into debugging interface. Click ”start”, system will proceed debugging automatically. Manual confirmation is necessary at the 3rd, 4th, 8th, 10th and 12th step.



The screenshot displays the GREE engineering debugging interface. At the top, a toolbar contains icons for Start, Stop, Monitor, Debug (highlighted with a red box), Setting, Capture Screen, Open Data Folder, Others, and Help. The main area is divided into two columns of steps:

- Left Column:**
  - 1 Master Unit Setting Check
  - 2 Unit Address Assignment
  - 3 Confirm ODU Basic Module NO. (OK)
  - 4 Confirm IDU NO. (OK)
  - 5 Base Modules Inner Communication Che
  - 6 Base Modules Inner Components Check
  - 7 IDU Components Check
  - 8 Compr.Preheat Confirmation (OK)
  - 9 Refrigerant Check Before Startup
- Right Column:**
  - 10 ODU Valves Check Before Startup (Back Skip)
  - 11 Reserved
  - 12 Confirm Startup Debugging (OK)
  - 13 Reserved
  - 14 Reserved
  - 15 Manual Charging In Cooling
  - 16 Manual Charging In Heating
  - 17 Manual Charging In Floor Heating
  - Debugging complete

At the bottom center, there are two buttons: "Start" (circled in red) and "Break".

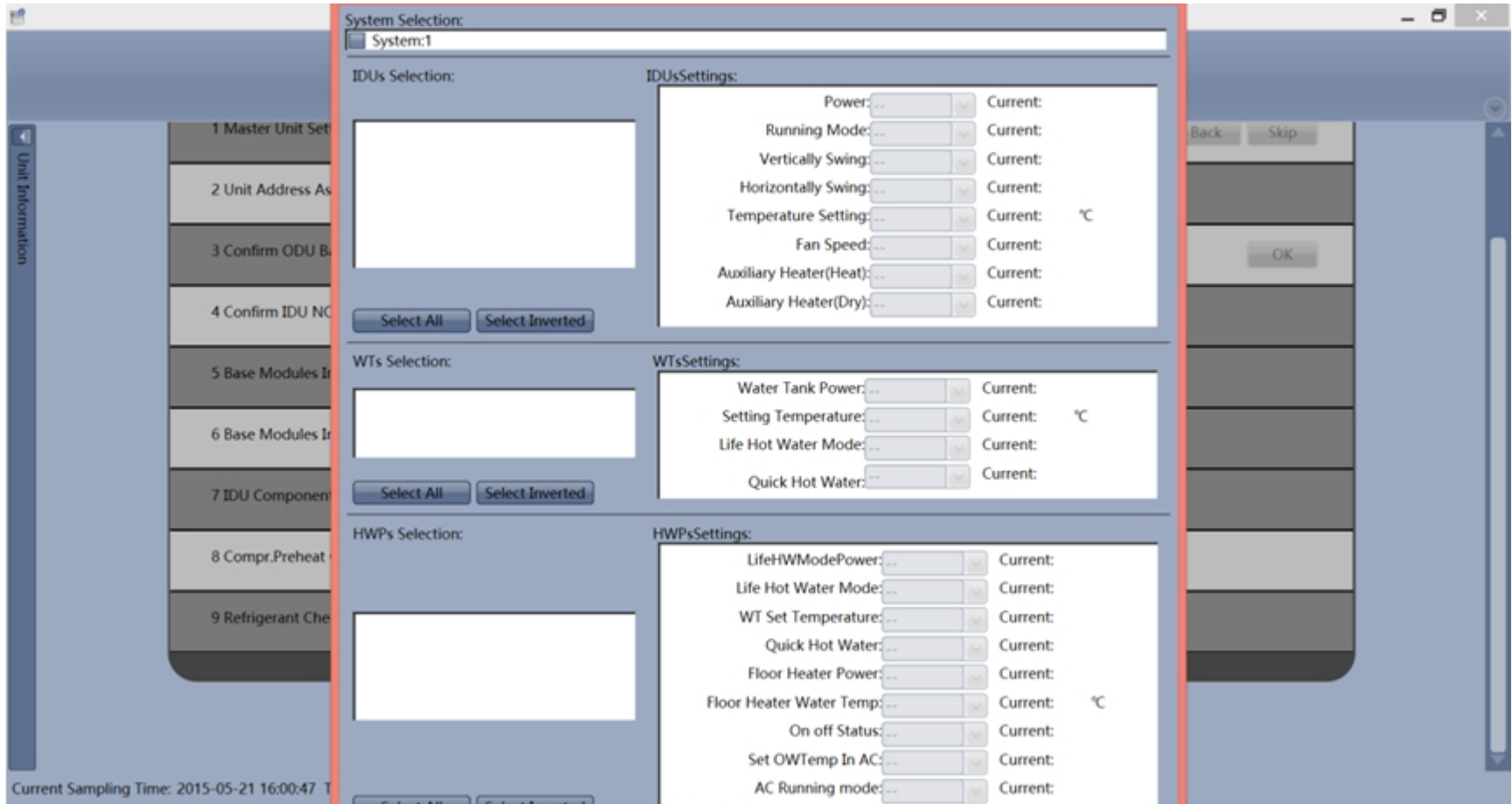
Current Sampling Time: 2015-05-21 16:00:16 Total Sampling Time: 3 Mins



# Setting Function

## 1. Control Indoor Unit

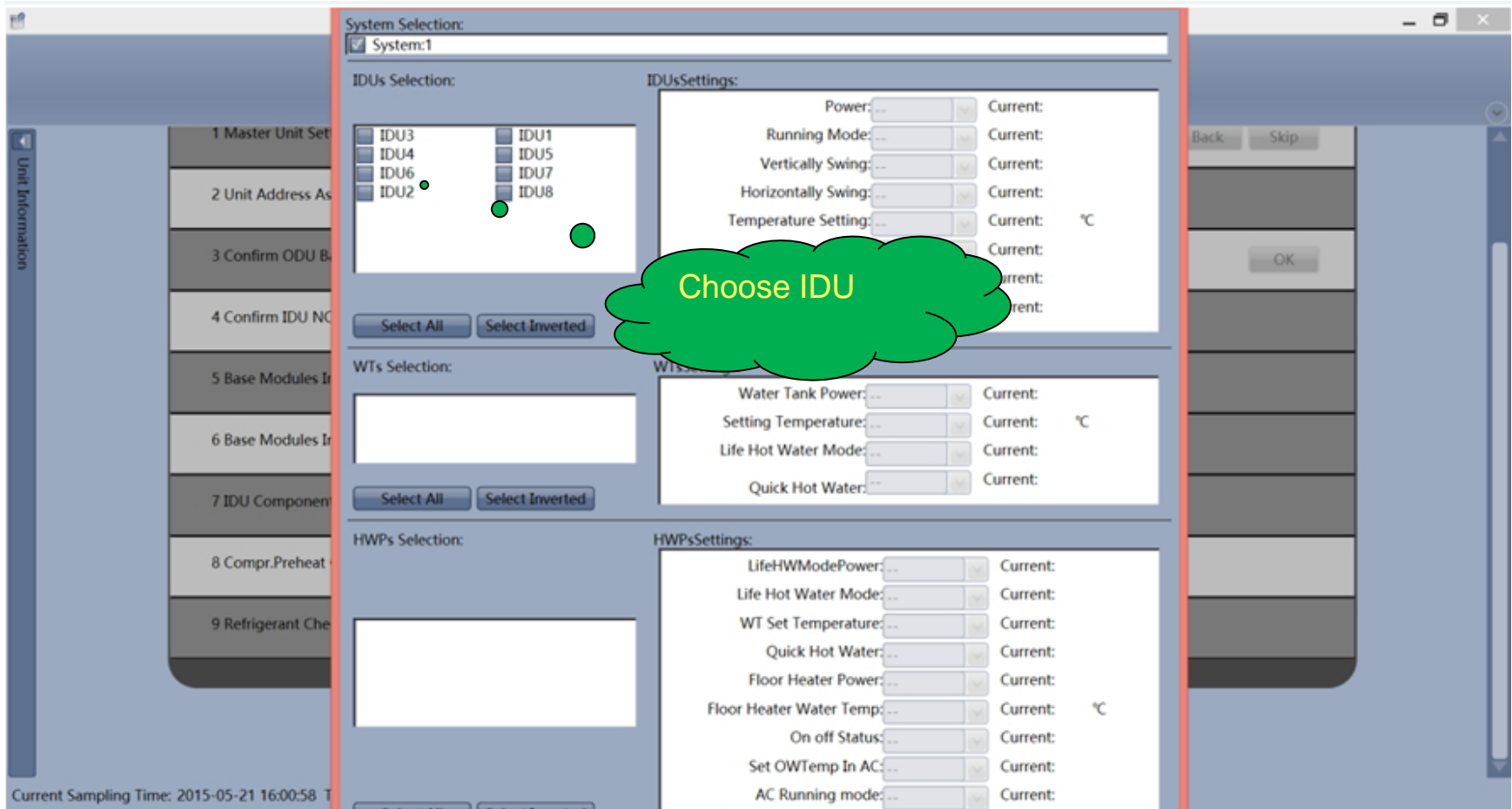
Click “Setting” , it will display three options. Click ”Control indoor unit”, it will enter control interface. The indoor unit will be controlled through this interface.





# Setting Function

## 1. Control Indoor Unit



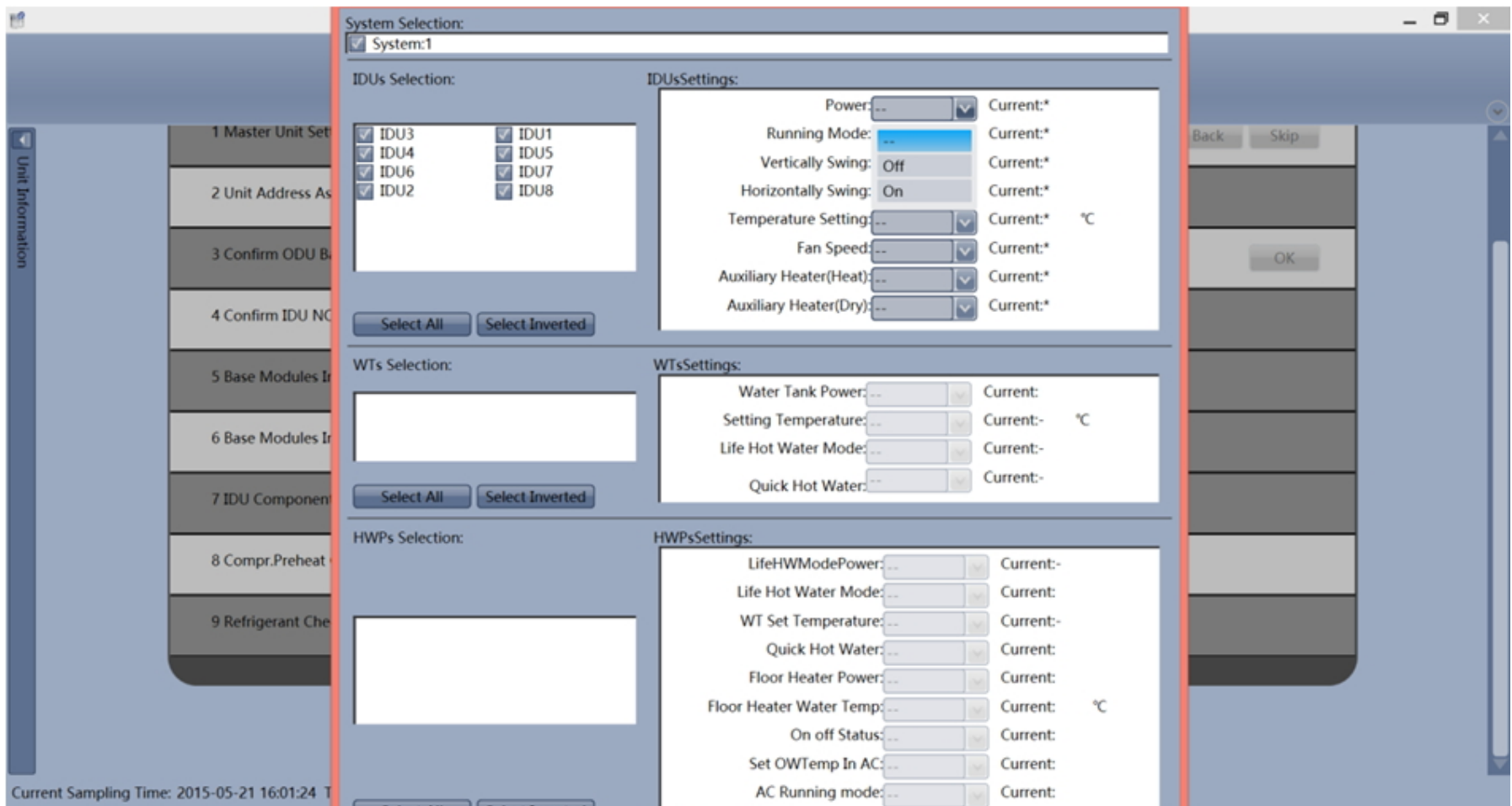
The screenshot displays the 'System Selection' window in the GREE control interface. The 'System Selection' section shows 'System:1' is selected. The 'IDUs Selection' section contains a list of indoor units (IDU1 through IDU8) with checkboxes. A green callout bubble with the text 'Choose IDU' points to the IDU selection list. Below the IDU list are 'Select All' and 'Select Inverted' buttons. The 'WTs Selection' and 'HWP's Selection' sections are currently empty. The 'IDUsSettings' section contains various configuration options for the selected indoor unit, including Power, Running Mode, Swing settings, and Temperature Setting. The 'WTsSettings' and 'HWP'sSettings' sections also contain various configuration options. The interface includes a 'Unit Information' sidebar on the left and a 'Back' button on the right. The current sampling time is displayed at the bottom left as '2015-05-21 16:00:58'.



# Setting Function

## 1. Control Indoor Unit

Power on/ off



The screenshot displays a software interface for configuring indoor units. On the left, a vertical sidebar labeled 'Unit Information' contains a list of steps: 1 Master Unit Set, 2 Unit Address As, 3 Confirm ODU B, 4 Confirm IDU NC, 5 Base Modules I, 6 Base Modules I, 7 IDU Componen, 8 Compr.Preheat, and 9 Refrigerant Che. The main area is divided into several sections:

- System Selection:** A dropdown menu showing 'System:1'.
- IDUs Selection:** A grid of checkboxes for IDU1 through IDU8, all of which are checked. Below the grid are 'Select All' and 'Select Inverted' buttons.
- WTs Selection:** An empty selection box with 'Select All' and 'Select Inverted' buttons below it.
- HWPs Selection:** An empty selection box.
- IDUsSettings:** A panel with various settings for the selected indoor units, including:
  - Power: [dropdown]
  - Running Mode: [dropdown]
  - Vertically Swing: Off
  - Horizontally Swing: On
  - Temperature Setting: [dropdown] °C
  - Fan Speed: [dropdown]
  - Auxiliary Heater(Heat): [dropdown]
  - Auxiliary Heater(Dry): [dropdown]
- WTsSettings:** A panel with settings for water tanks:
  - Water Tank Power: [dropdown]
  - Setting Temperature: [dropdown] °C
  - Life Hot Water Mode: [dropdown]
  - Quick Hot Water: [dropdown]
- HWPsSettings:** A panel with settings for hot water pumps:
  - LifeHWMoPower: [dropdown]
  - Life Hot Water Mode: [dropdown]
  - WT Set Temperature: [dropdown]
  - Quick Hot Water: [dropdown]
  - Floor Heater Power: [dropdown]
  - Floor Heater Water Temp: [dropdown] °C
  - On off Status: [dropdown]
  - Set OWTemp In AC: [dropdown]
  - AC Running mode: [dropdown]

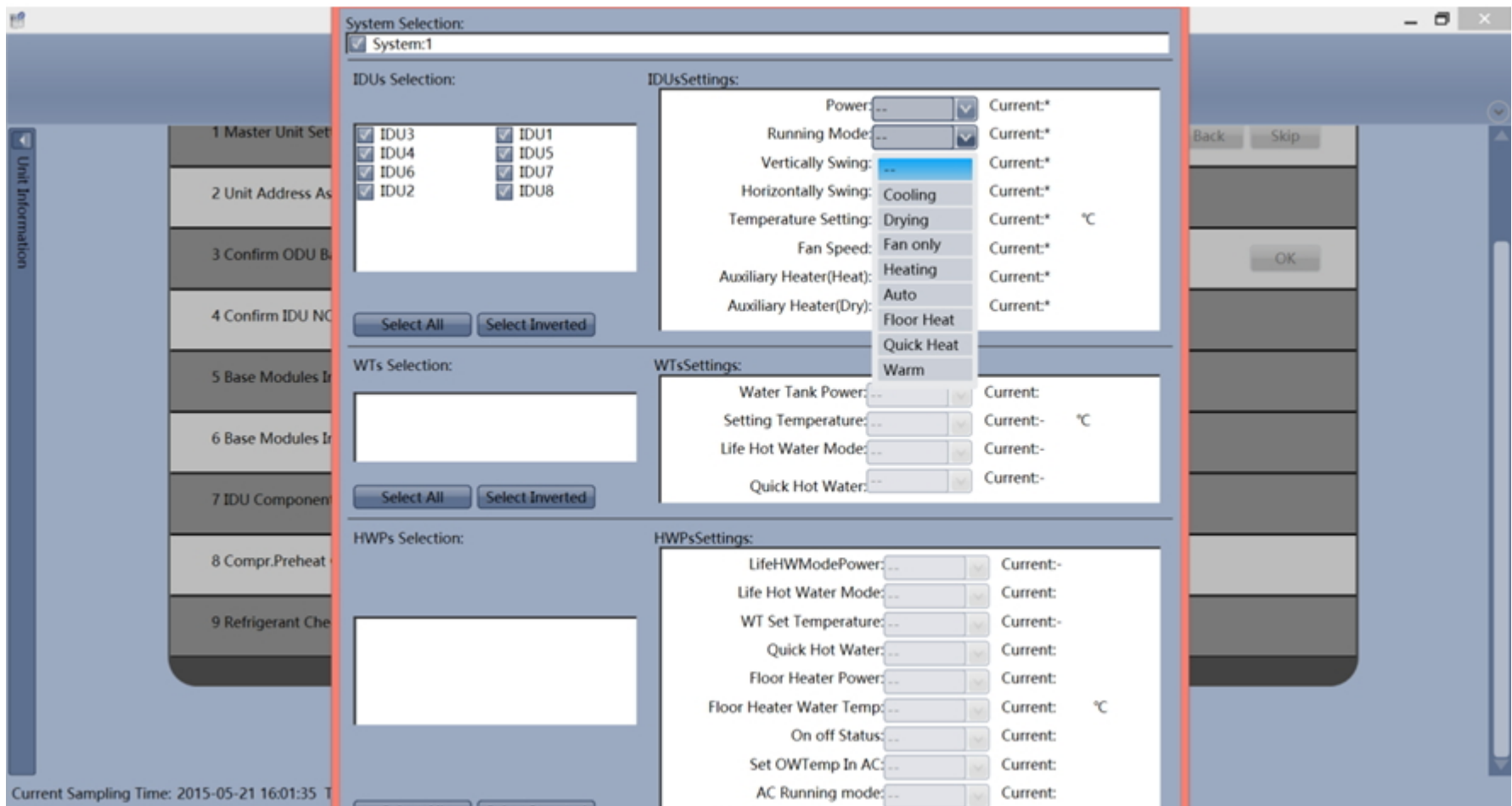
Navigation buttons 'Back', 'Skip', and 'OK' are visible on the right side of the interface. At the bottom left, the text 'Current Sampling Time: 2015-05-21 16:01:24 T' is displayed.



# Setting Function

## 1. Control Indoor Unit

### Running mode



The screenshot displays the 'Running mode' configuration screen in the GREE control software. The interface is organized into several sections:

- System Selection:** A dropdown menu showing 'System:1' with a checkmark.
- IDUs Selection:** A list of indoor units (IDU1 through IDU8) with checkboxes. IDU1, IDU2, IDU3, IDU4, IDU6, and IDU7 are selected. Below the list are 'Select All' and 'Select Inverted' buttons.
- IDUsSettings:** A panel for configuring individual indoor unit settings. A dropdown menu is open, showing options: 'Cooling', 'Drying', 'Fan only', 'Heating', 'Auto', 'Floor Heat', 'Quick Heat', and 'Warm'. The 'Cooling' option is currently selected. Other settings include Power, Running Mode, Vertically Swing, Horizontally Swing, Temperature Setting, Fan Speed, Auxiliary Heater(Heat), and Auxiliary Heater(Dry).
- WTs Selection:** A section for Water Tank (WT) settings, currently empty, with 'Select All' and 'Select Inverted' buttons.
- WTsSettings:** Settings for the water tank, including Water Tank Power, Setting Temperature, Life Hot Water Mode, and Quick Hot Water.
- HWPs Selection:** A section for Hot Water Pipes (HWP) settings, currently empty, with 'Select All' and 'Select Inverted' buttons.
- HWPsSettings:** Settings for hot water pipes, including LifeHWMoPower, Life Hot Water Mode, WT Set Temperature, Quick Hot Water, Floor Heater Power, Floor Heater Water Temp, On off Status, Set OWTemp In AC, and AC Running mode.

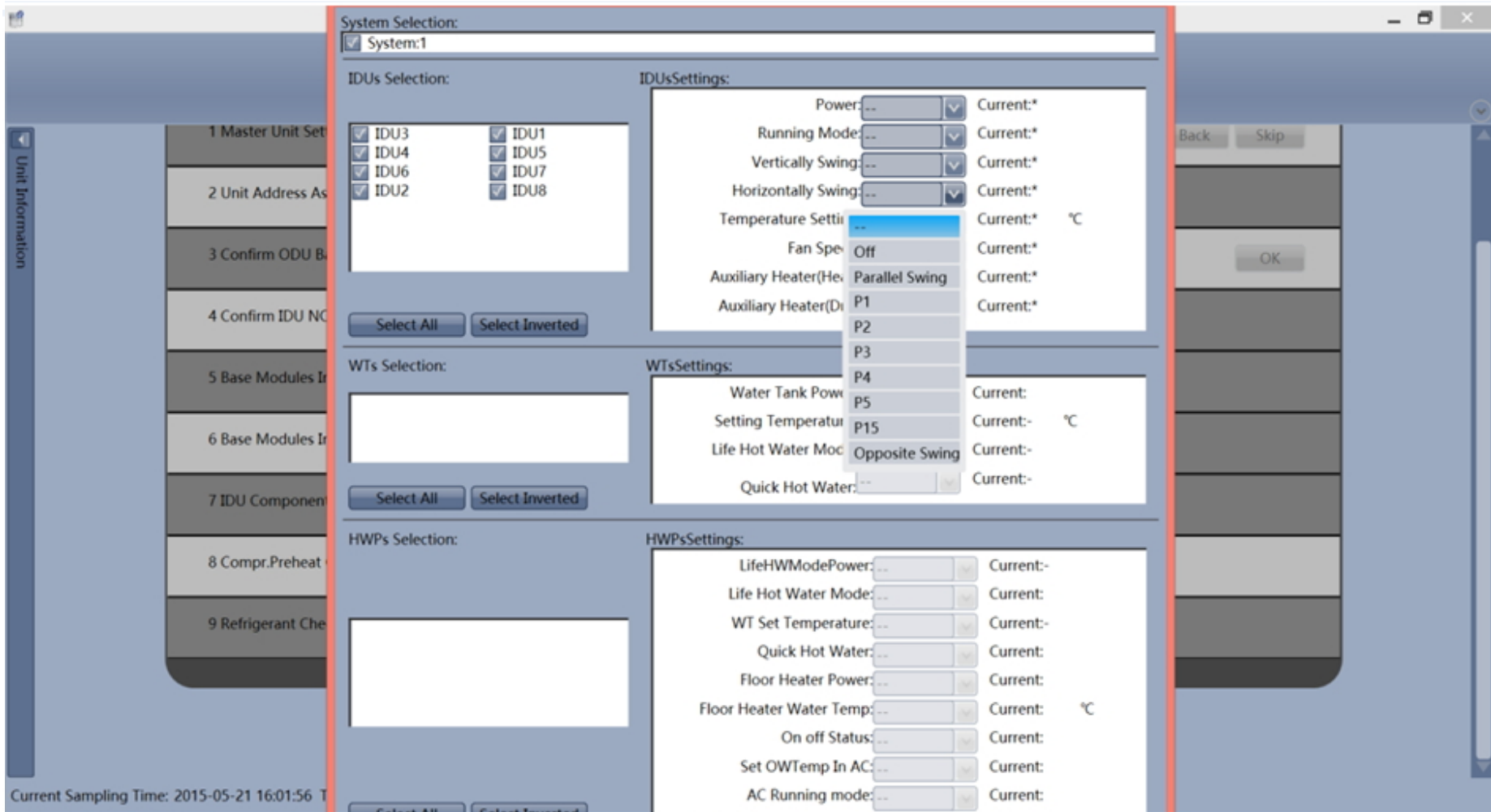
At the bottom left, the text 'Current Sampling Time: 2015-05-21 16:01:35 T' is visible. On the right side, there are navigation buttons: 'Back', 'Skip', and 'OK'.



# Setting Function

## 1. Control Indoor Unit

### Fan swing



The screenshot displays the 'Setting Function' interface for an indoor unit, specifically the 'Fan swing' configuration screen. The interface is organized into several sections:

- System Selection:** A dropdown menu showing 'System:1'.
- IDUs Selection:** A grid of checkboxes for selecting indoor units (IDU1 through IDU8). IDU1, IDU2, IDU3, IDU4, IDU5, IDU6, IDU7, and IDU8 are all checked.
- IDUsSettings:** A list of settings for the selected indoor units, including:
  - Power: [Dropdown]
  - Running Mode: [Dropdown]
  - Vertically Swing: [Dropdown]
  - Horizontally Swing: [Dropdown]
  - Temperature Setting: [Dropdown]
  - Fan Speed: Off
  - Auxiliary Heater(Heating): Parallel Swing
  - Auxiliary Heater(Dehumidification): P1
- WTs Selection:** A section for Water Tank settings, currently empty.
- WTsSettings:** A list of settings for the water tank, including:
  - Water Tank Power: [Dropdown]
  - Setting Temperature: [Dropdown]
  - Life Hot Water Mode: P15
  - Quick Hot Water: [Dropdown]
- HWPs Selection:** A section for Hot Water Panel settings, currently empty.
- HWPsSettings:** A list of settings for the hot water panel, including:
  - LifeHWMModePower: [Dropdown]
  - Life Hot Water Mode: [Dropdown]
  - WT Set Temperature: [Dropdown]
  - Quick Hot Water: [Dropdown]
  - Floor Heater Power: [Dropdown]
  - Floor Heater Water Temp: [Dropdown]
  - On off Status: [Dropdown]
  - Set OWTemp In AC: [Dropdown]
  - AC Running mode: [Dropdown]

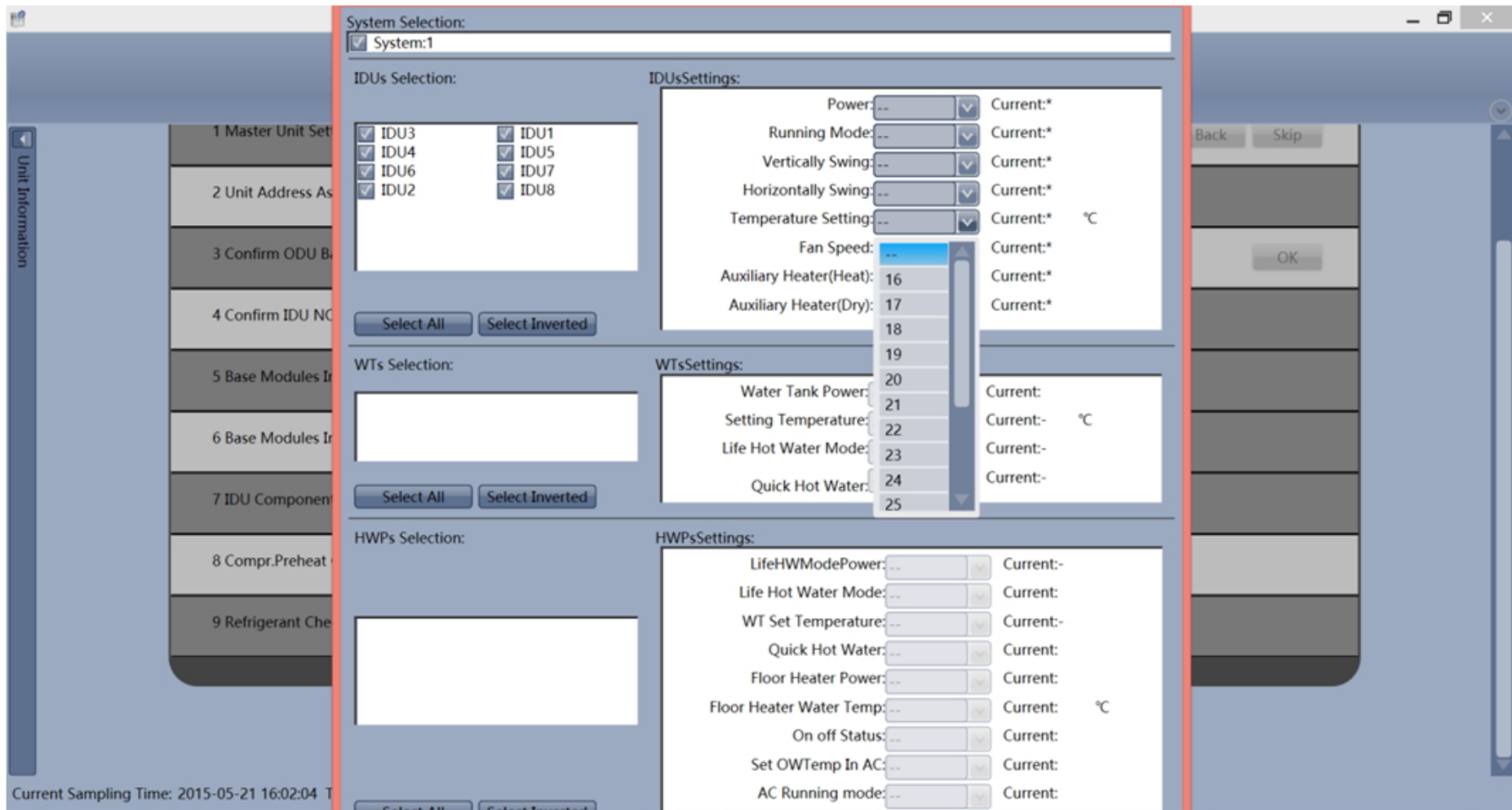
Navigation buttons include 'Back', 'Skip', and 'OK'. A status bar at the bottom left shows 'Current Sampling Time: 2015-05-21 16:01:56 T'.



# Setting Function

## 1. Control Indoor Unit

### Fan speed



The screenshot displays the 'Setting Function' interface for controlling an indoor unit. The interface is organized into several sections:

- System Selection:** A dropdown menu showing 'System:1' with a checkmark.
- IDUs Selection:** A grid of checkboxes for indoor units IDU1 through IDU8. IDU1, IDU2, IDU3, IDU4, IDU6, and IDU7 are currently selected.
- IDUsSettings:** A list of settings for the selected indoor units, including:
  - Power: dropdown menu
  - Running Mode: dropdown menu
  - Vertically Swing: dropdown menu
  - Horizontally Swing: dropdown menu
  - Temperature Setting: dropdown menu
  - Fan Speed: dropdown menu (currently open, showing options from 16 to 25)
  - Auxiliary Heater(Heat): 16
  - Auxiliary Heater(Dry): 17
- WTs Selection:** A dropdown menu for water tank settings.
- WTsSettings:** A list of settings for water tanks, including:
  - Water Tank Power: dropdown menu
  - Setting Temperature: dropdown menu
  - Life Hot Water Mode: dropdown menu
  - Quick Hot Water: dropdown menu
- HWPs Selection:** A dropdown menu for hot water pump settings.
- HWPsSettings:** A list of settings for hot water pumps, including:
  - LifeHWMoPower: dropdown menu
  - Life Hot Water Mode: dropdown menu
  - WT Set Temperature: dropdown menu
  - Quick Hot Water: dropdown menu
  - Floor Heater Power: dropdown menu
  - Floor Heater Water Temp: dropdown menu
  - On off Status: dropdown menu
  - Set OWTemp In AC: dropdown menu
  - AC Running mode: dropdown menu

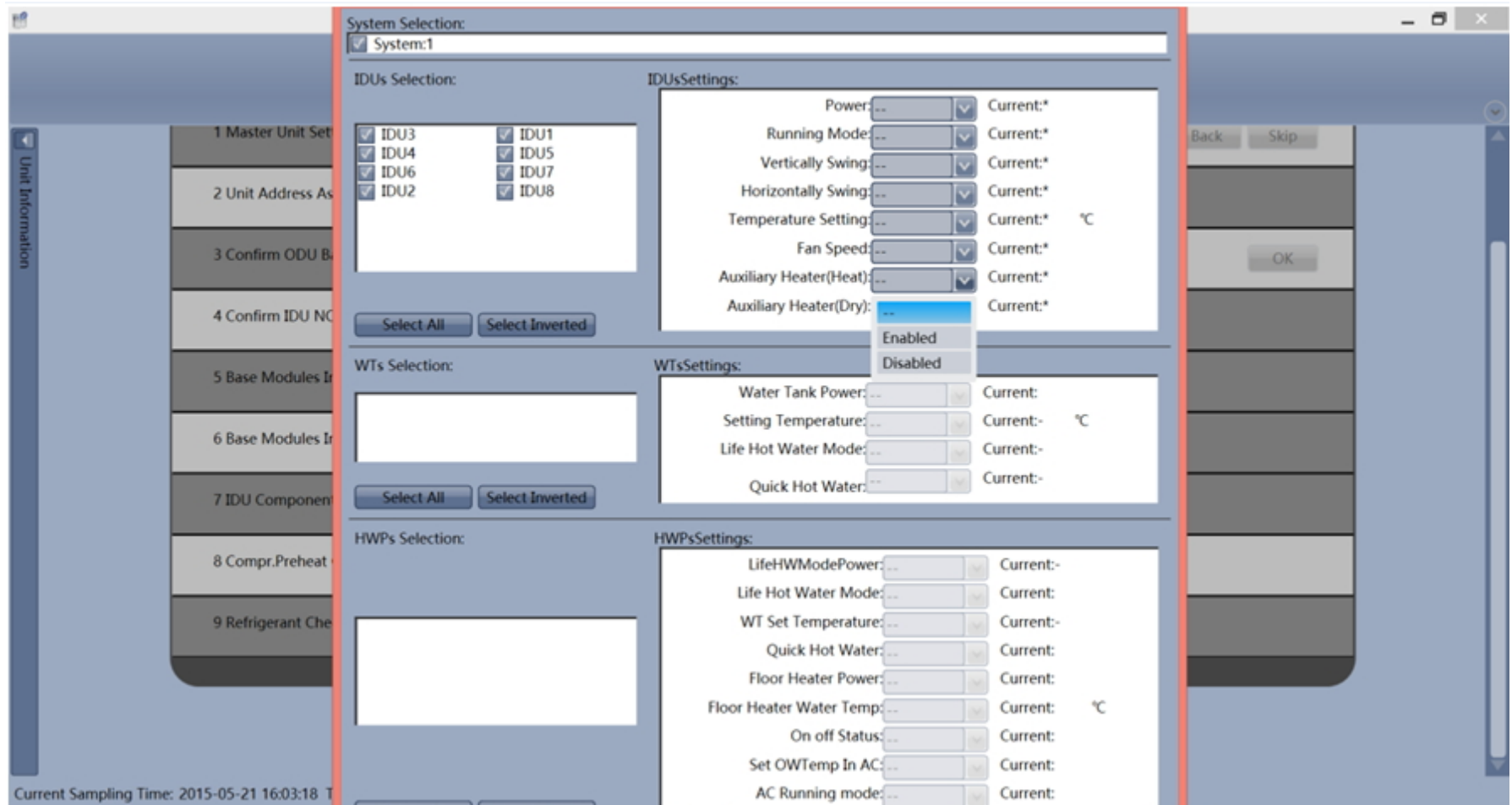
Navigation buttons include 'Back', 'Skip', and 'OK'. A vertical sidebar on the left is labeled 'Unit Information'. The bottom left corner shows the 'Current Sampling Time: 2015-05-21 16:02:04'.



# Setting Function

## 1. Control Indoor Unit

### Auxiliary heater



The screenshot displays the Gree air conditioning control interface. On the left, a vertical menu lists steps from 1 to 9. The main area is divided into several sections for configuration:

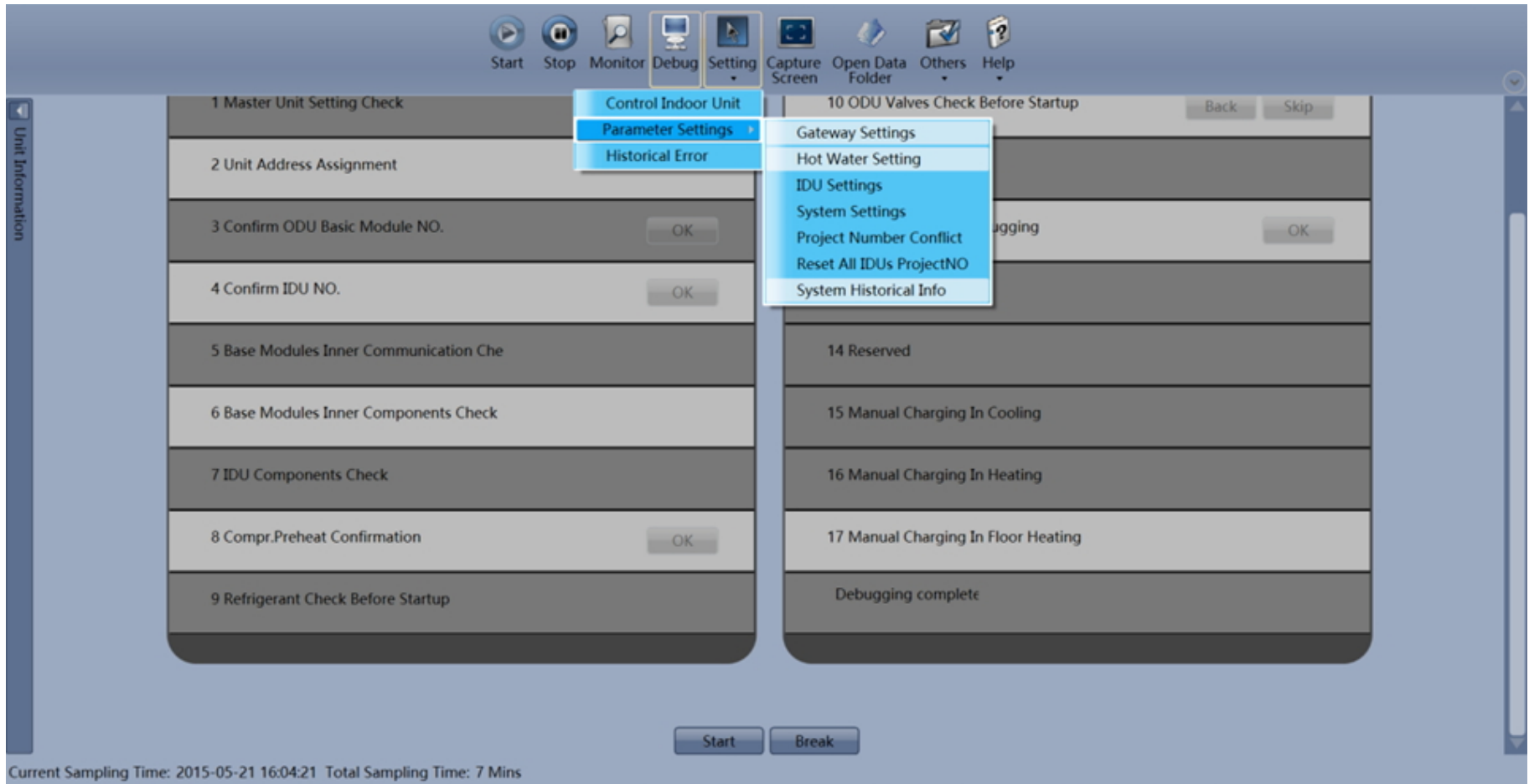
- System Selection:** A dropdown menu showing "System:1".
- IDUs Selection:** A grid of checkboxes for indoor units IDU1 through IDU8. IDU1, IDU2, IDU3, IDU4, IDU5, and IDU6 are checked. Below the grid are "Select All" and "Select Inverted" buttons.
- IDUsSettings:** A list of settings for the selected indoor units, including Power, Running Mode, Vertically Swing, Horizontally Swing, Temperature Setting, Fan Speed, Auxiliary Heater(Heat), and Auxiliary Heater(Dry). The Auxiliary Heater(Dry) dropdown menu is open, showing "Enabled" and "Disabled" options.
- WTs Selection:** An empty selection box with "Select All" and "Select Inverted" buttons below it.
- WTsSettings:** Settings for water tanks, including Water Tank Power, Setting Temperature, Life Hot Water Mode, and Quick Hot Water.
- HWPs Selection:** An empty selection box.
- HWPsSettings:** Settings for hot water pumps, including LifeHWMoPower, Life Hot Water Mode, WT Set Temperature, Quick Hot Water, Floor Heater Power, Floor Heater Water Temp, On off Status, Set OWTemp In AC, and AC Running mode.

At the bottom left, the text "Current Sampling Time: 2015-05-21 16:03:18" is visible. On the right side of the interface, there are "Back", "Skip", and "OK" buttons.



# Setting Function

## 2. Parameter setting



The screenshot displays the GREE diagnostic software interface. At the top, there is a toolbar with icons for Start, Stop, Monitor, Debug, Setting, Capture Screen, Open Data Folder, Others, and Help. The 'Setting' menu is open, showing a list of options: Control Indoor Unit, Parameter Settings (highlighted), and Historical Error. A sub-menu is also visible, listing Gateway Settings, Hot Water Setting, IDU Settings, System Settings, Project Number Conflict, Reset All IDUs ProjectNO, and System Historical Info.

The main interface is divided into two columns of settings:

- Left Column:**
  - 1 Master Unit Setting Check
  - 2 Unit Address Assignment
  - 3 Confirm ODU Basic Module NO. (OK)
  - 4 Confirm IDU NO. (OK)
  - 5 Base Modules Inner Communication Che
  - 6 Base Modules Inner Components Check
  - 7 IDU Components Check
  - 8 Compr.Preheat Confirmation (OK)
  - 9 Refrigerant Check Before Startup
- Right Column:**
  - 10 ODU Valves Check Before Startup (Back Skip)
  - 11 Debugging (OK)
  - 12 Reserved
  - 13 Reserved
  - 14 Reserved
  - 15 Manual Charging In Cooling
  - 16 Manual Charging In Heating
  - 17 Manual Charging In Floor Heating
  - Debugging complete

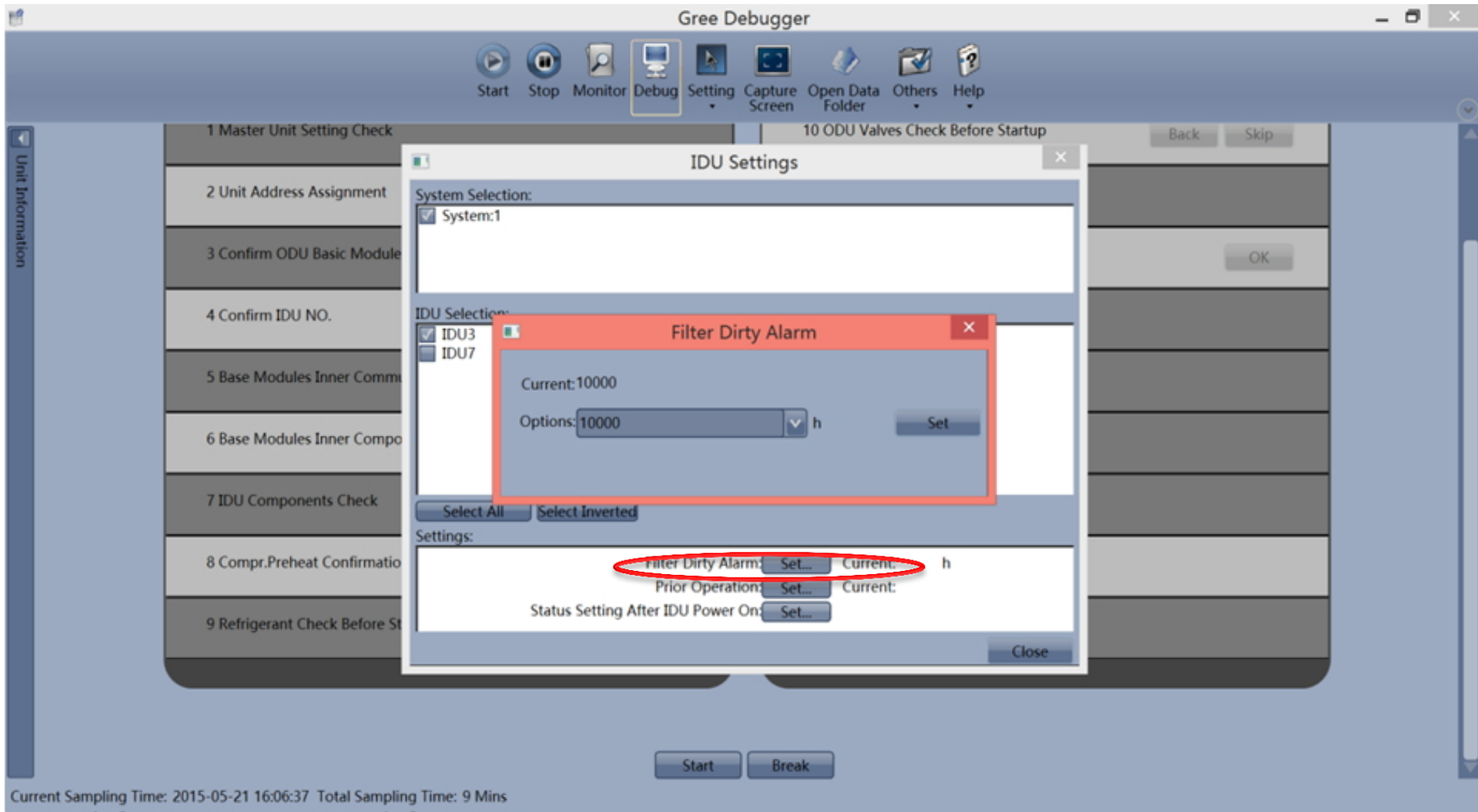
At the bottom, there are 'Start' and 'Break' buttons. The status bar at the very bottom shows: 'Current Sampling Time: 2015-05-21 16:04:21 Total Sampling Time: 7 Mins'.



# Setting Function

## 2. Parameter setting

### Indoor unit setting



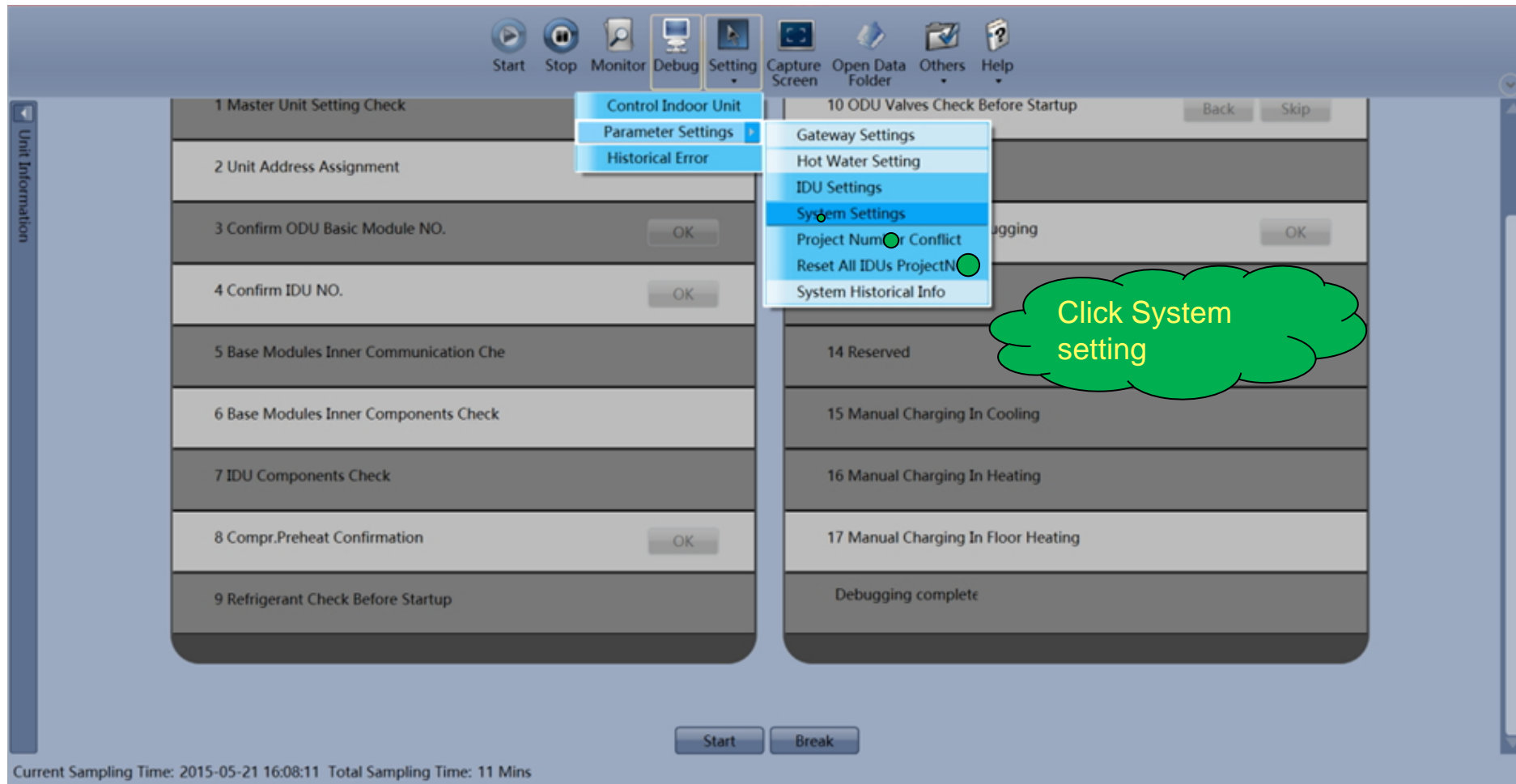
The screenshot displays the Gree Debugger software interface. The main window shows a list of steps for unit setting, with '1 Master Unit Setting Check' selected. A 'Gree Debugger' window is open, showing a toolbar with icons for Start, Stop, Monitor, Debug, Setting, Capture Screen, Open Data Folder, Others, and Help. The 'Debug' icon is highlighted. A 'Unit Information' sidebar is visible on the left. A '10 ODU Valves Check Before Startup' dialog box is open, with 'Back' and 'Skip' buttons. The 'IDU Settings' dialog box is also open, showing 'System Selection' with 'System:1' checked. Under 'IDU Selection', 'IDU3' and 'IDU7' are listed. A 'Filter Dirty Alarm' dialog box is overlaid on the 'IDU Settings' dialog, showing 'Current: 10000' and 'Options: 10000 h'. The 'Filter Dirty Alarm' dialog box has a red border and a red circle around the 'Filter Dirty Alarm' text and the 'Set...' button. The 'IDU Settings' dialog box has 'Select All' and 'Select Inverted' buttons. The 'Settings' section of the 'IDU Settings' dialog box shows 'Filter Dirty Alarm' with 'Set...' and 'Current:' buttons, 'Prior Operations' with 'Set...' and 'Current:' buttons, and 'Status Setting After IDU Power On' with a 'Set...' button. The 'Close' button is at the bottom right of the 'IDU Settings' dialog box. At the bottom of the main window, there are 'Start' and 'Break' buttons. The status bar at the bottom left shows 'Current Sampling Time: 2015-05-21 16:06:37 Total Sampling Time: 9 Mins'.



# Setting Function

## 2. Parameter setting

### System setting



The screenshot displays the GREE diagnostic software interface. At the top, there is a toolbar with icons for Start, Stop, Monitor, Debug, Setting, Capture Screen, Open Data Folder, Others, and Help. The main window is divided into two columns of settings. The left column contains steps 1 through 9, and the right column contains steps 10 through 17. A context menu is open over the 'Setting' icon, listing options: Control Indoor Unit, Parameter Settings, Historical Error, Gateway Settings, Hot Water Setting, IDU Settings, System Settings (highlighted), Project Number Conflict, Reset All IDUs Project Number, and System Historical Info. A green callout bubble with the text 'Click System setting' points to the 'System Settings' option. At the bottom, there are 'Start' and 'Break' buttons, and a status bar showing 'Current Sampling Time: 2015-05-21 16:08:11 Total Sampling Time: 11 Mins'.

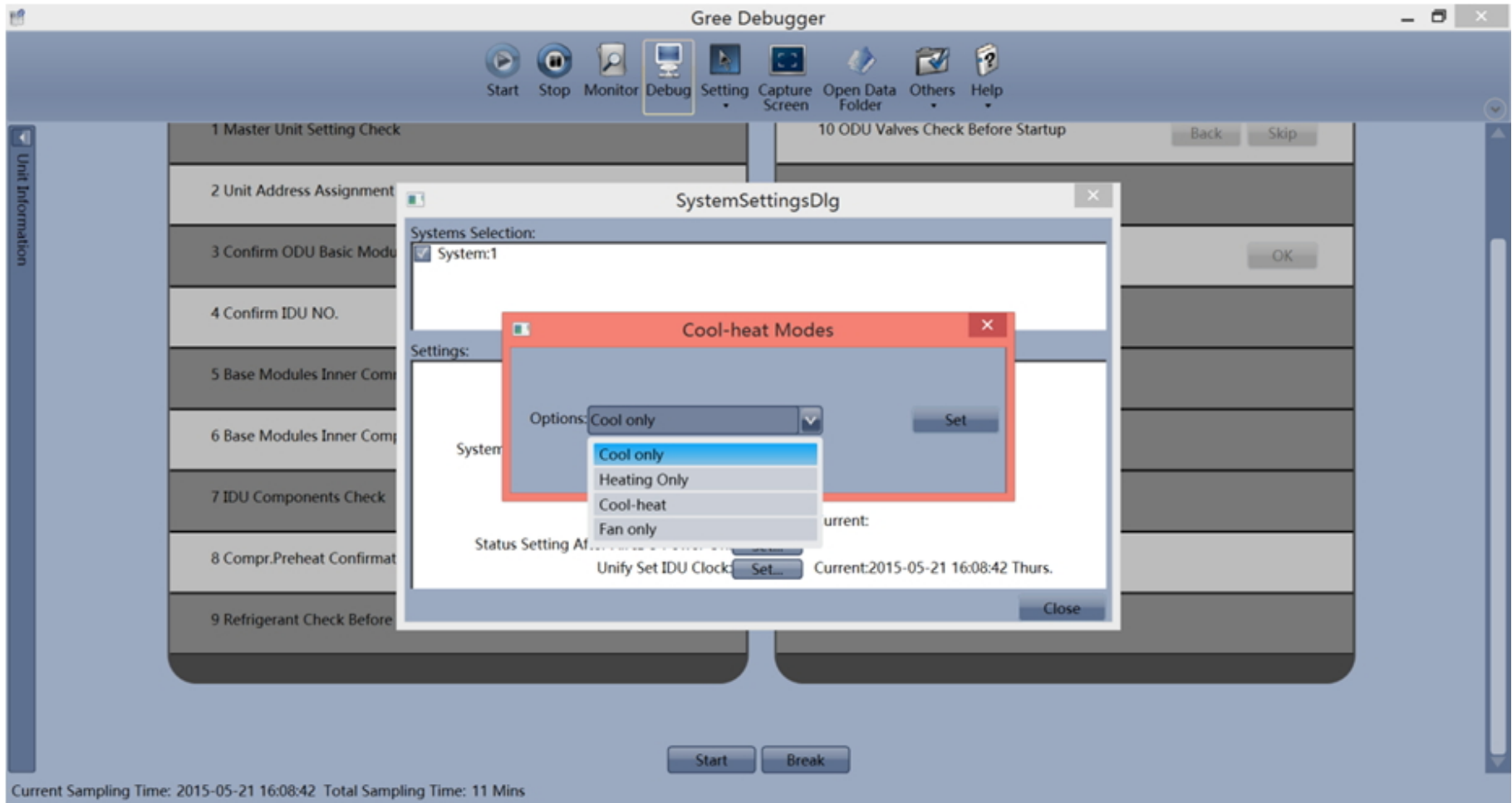
Step	Description	Action
1	Master Unit Setting Check	
2	Unit Address Assignment	
3	Confirm ODU Basic Module NO.	OK
4	Confirm IDU NO.	OK
5	Base Modules Inner Communication Check	
6	Base Modules Inner Components Check	
7	IDU Components Check	
8	Compr.Preheat Confirmation	OK
9	Refrigerant Check Before Startup	
10	ODU Valves Check Before Startup	Back Skip
11	Gateway Settings	
12	Hot Water Setting	
13	IDU Settings	
14	System Settings	
15	Project Number Conflict	OK
16	Reset All IDUs Project Number	
17	System Historical Info	
14	Reserved	
15	Manual Charging In Cooling	
16	Manual Charging In Heating	
17	Manual Charging In Floor Heating	
	Debugging complete	



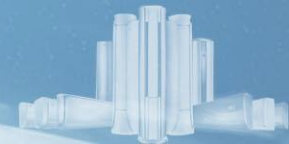
# Setting Function

## 2. Parameter setting

### Cool-heat Modes



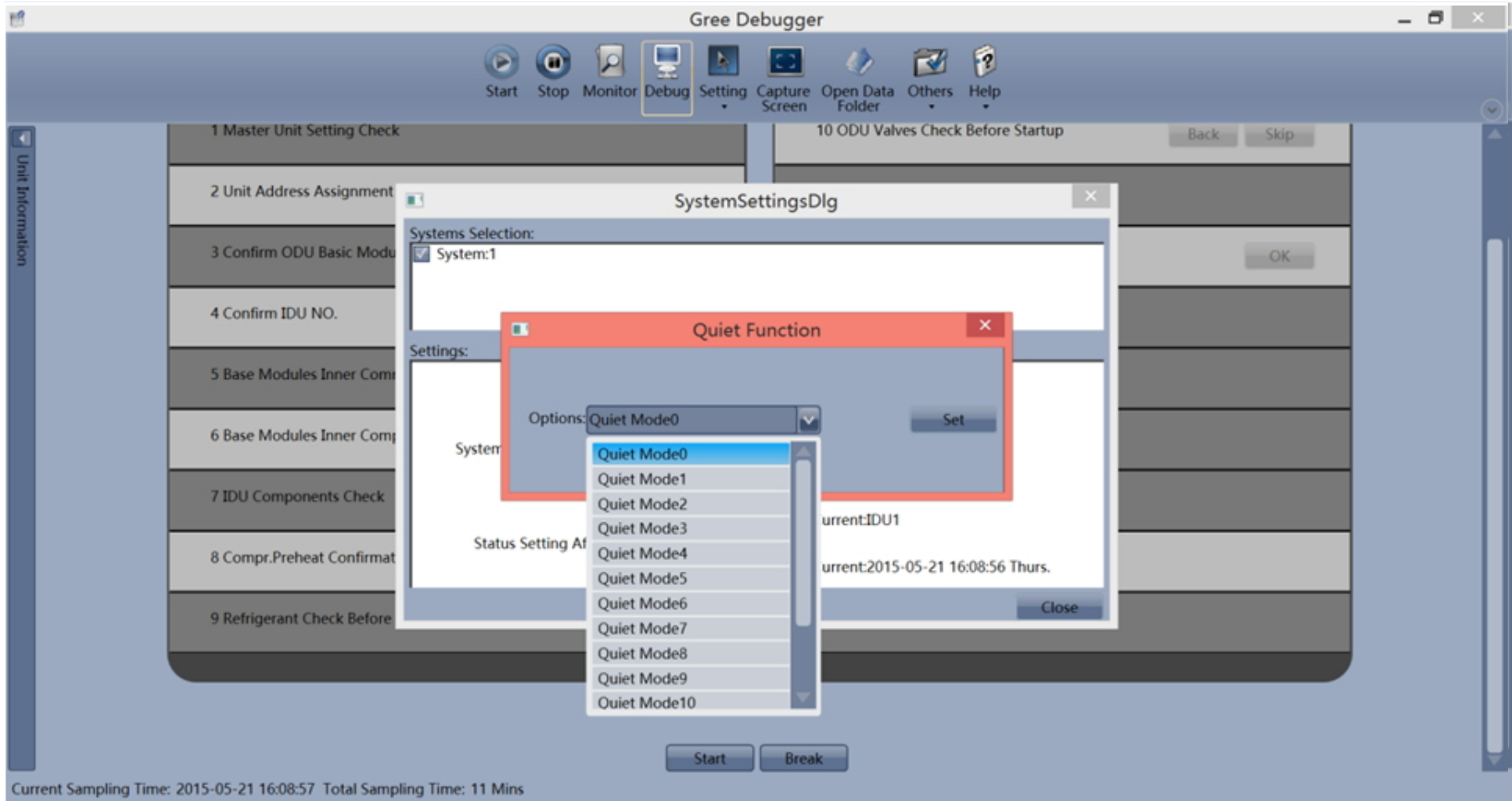
The screenshot displays the 'Gree Debugger' application window. The main interface features a menu bar with options: Start, Stop, Monitor, Debug, Setting, Capture Screen, Open Data Folder, Others, and Help. Below the menu is a list of steps for unit configuration, including '1 Master Unit Setting Check', '2 Unit Address Assignment', '3 Confirm ODU Basic Modu', '4 Confirm IDU NO.', '5 Base Modules Inner Com', '6 Base Modules Inner Com', '7 IDU Components Check', '8 Compr.Preheat Confirmat', and '9 Refrigerant Check Before'. A 'SystemSettingsDlg' dialog box is open, showing 'Systems Selection' with 'System:1' checked. The 'Settings' section includes a dropdown menu for 'Options' currently set to 'Cool only', with a 'Set' button next to it. A secondary 'Cool-heat Modes' dialog box is overlaid on top, showing a list of options: 'Cool only', 'Heating Only', 'Cool-heat', and 'Fan only'. The 'Cool-heat' option is currently selected. The 'Cool-heat Modes' dialog also has a 'Set' button. At the bottom of the debugger window, there are 'Start' and 'Break' buttons, and a status bar indicating 'Current Sampling Time: 2015-05-21 16:08:42 Total Sampling Time: 11 Mins'.



# Setting Function

## 2. Parameter setting

### Quiet function



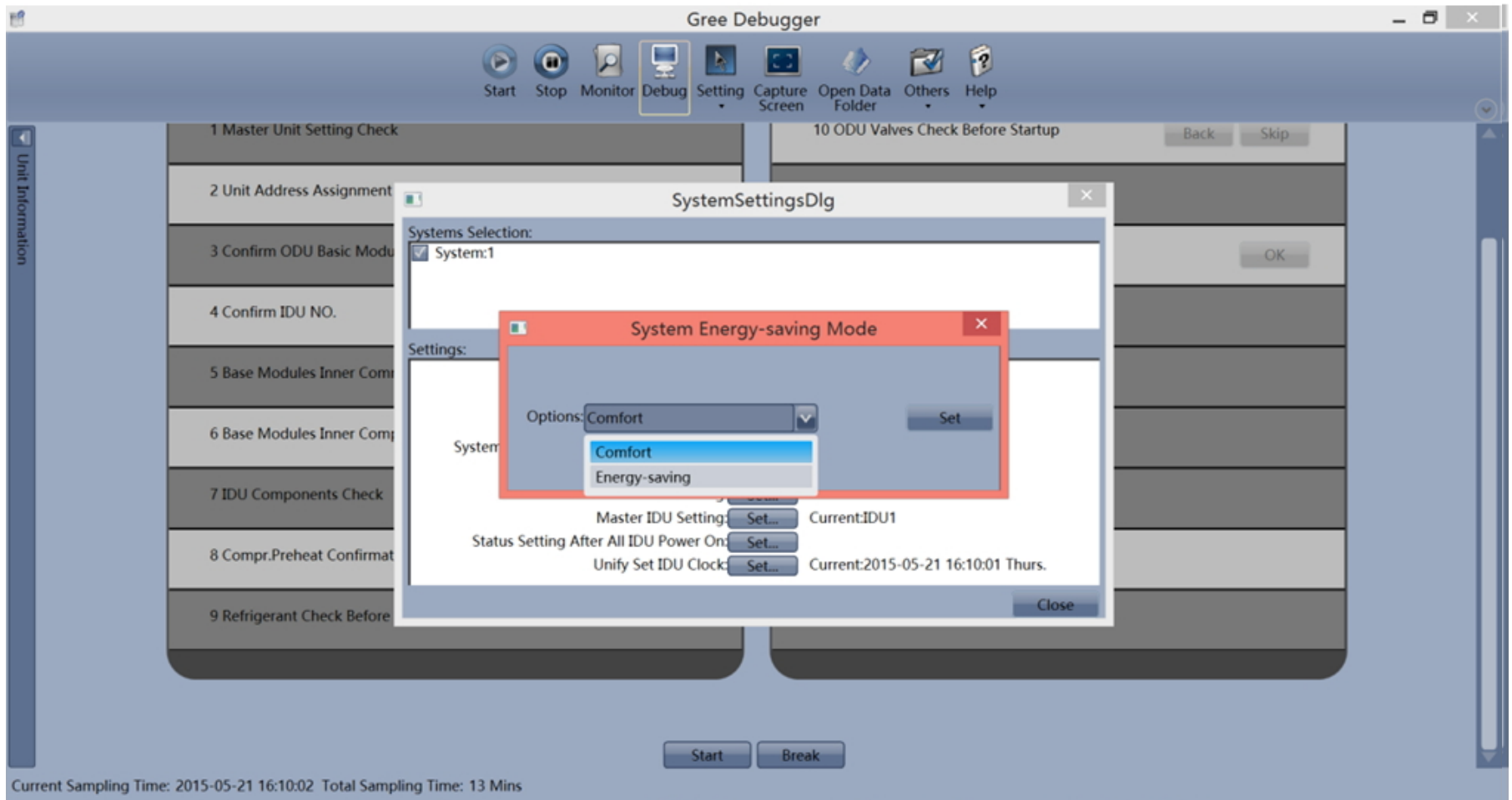
The screenshot displays the Gree Debugger software interface. The main window has a menu bar with options: Start, Stop, Monitor, Debug, Setting, Capture Screen, Open Data Folder, Others, and Help. Below the menu bar is a toolbar with icons for Start, Stop, Monitor, Debug, Setting, Capture Screen, Open Data Folder, Others, and Help. The main area shows a list of steps for a unit setting process, including '1 Master Unit Setting Check', '2 Unit Address Assignment', '3 Confirm ODU Basic Modu', '4 Confirm IDU NO.', '5 Base Modules Inner Com', '6 Base Modules Inner Com', '7 IDU Components Check', '8 Compr.Preheat Confirmat', and '9 Refrigerant Check Before'. A 'SystemSettingsDlg' dialog box is open, showing 'Systems Selection' with 'System:1' selected. The 'Settings' section includes 'Options: Quiet Mode0' and a 'Set' button. A 'Quiet Function' dialog box is also open, showing a list of quiet modes from 'Quiet Mode0' to 'Quiet Mode10'. The 'Quiet Function' dialog box has a 'Set' button and a 'Close' button. The status bar at the bottom shows 'Current Sampling Time: 2015-05-21 16:08:57 Total Sampling Time: 11 Mins'.



# Setting Function

## 2. Parameter setting

### Energy-saving mode



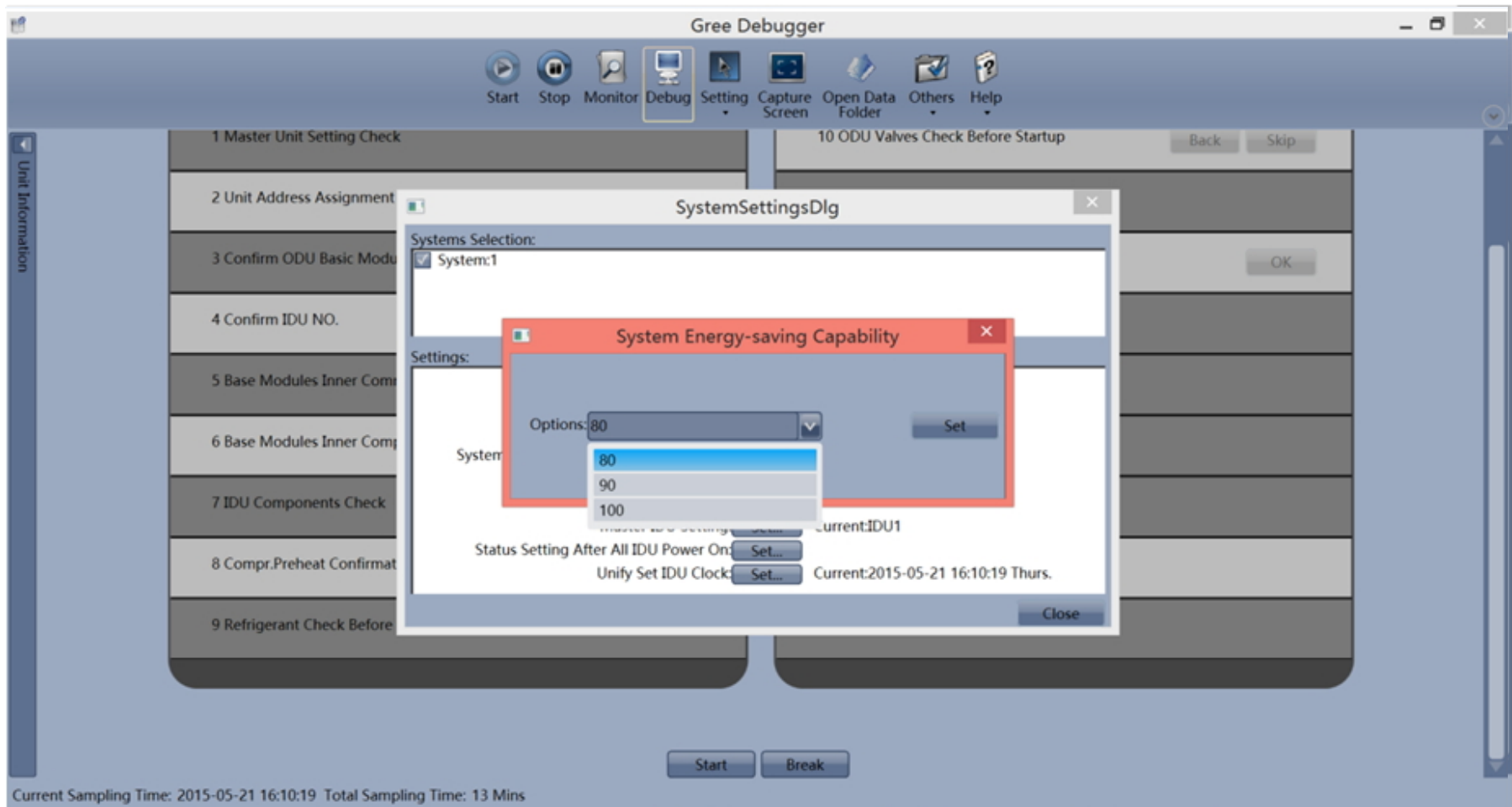
The screenshot displays the Gree Debugger software interface. The main window is titled "Gree Debugger" and features a menu bar with options: Start, Stop, Monitor, Debug, Setting, Capture Screen, Open Data Folder, Others, and Help. The "Setting" menu is currently open, showing a list of configuration steps: 1 Master Unit Setting Check, 2 Unit Address Assignment, 3 Confirm ODU Basic Modu, 4 Confirm IDU NO., 5 Base Modules Inner Com, 6 Base Modules Inner Com, 7 IDU Components Check, 8 Compr.Preheat Confirmat, and 9 Refrigerant Check Before. The "System Energy-saving Mode" dialog box is open, showing "Systems Selection" with "System:1" selected. The "Settings" section includes a dropdown menu for "Options" currently set to "Comfort", with "Energy-saving" also visible in the list. Below the dropdown are "Set..." buttons for "Master IDU Setting" (Current: IDU1), "Status Setting After All IDU Power On" (Current: IDU1), and "Unify Set IDU Clock" (Current: 2015-05-21 16:10:01 Thurs.). The dialog box also has "Back", "Skip", "OK", and "Close" buttons. At the bottom of the main window, there are "Start" and "Break" buttons. The status bar at the very bottom indicates "Current Sampling Time: 2015-05-21 16:10:02 Total Sampling Time: 13 Mins".



# Setting Function

## 2. Parameter setting

### System energy-saving capacity setting



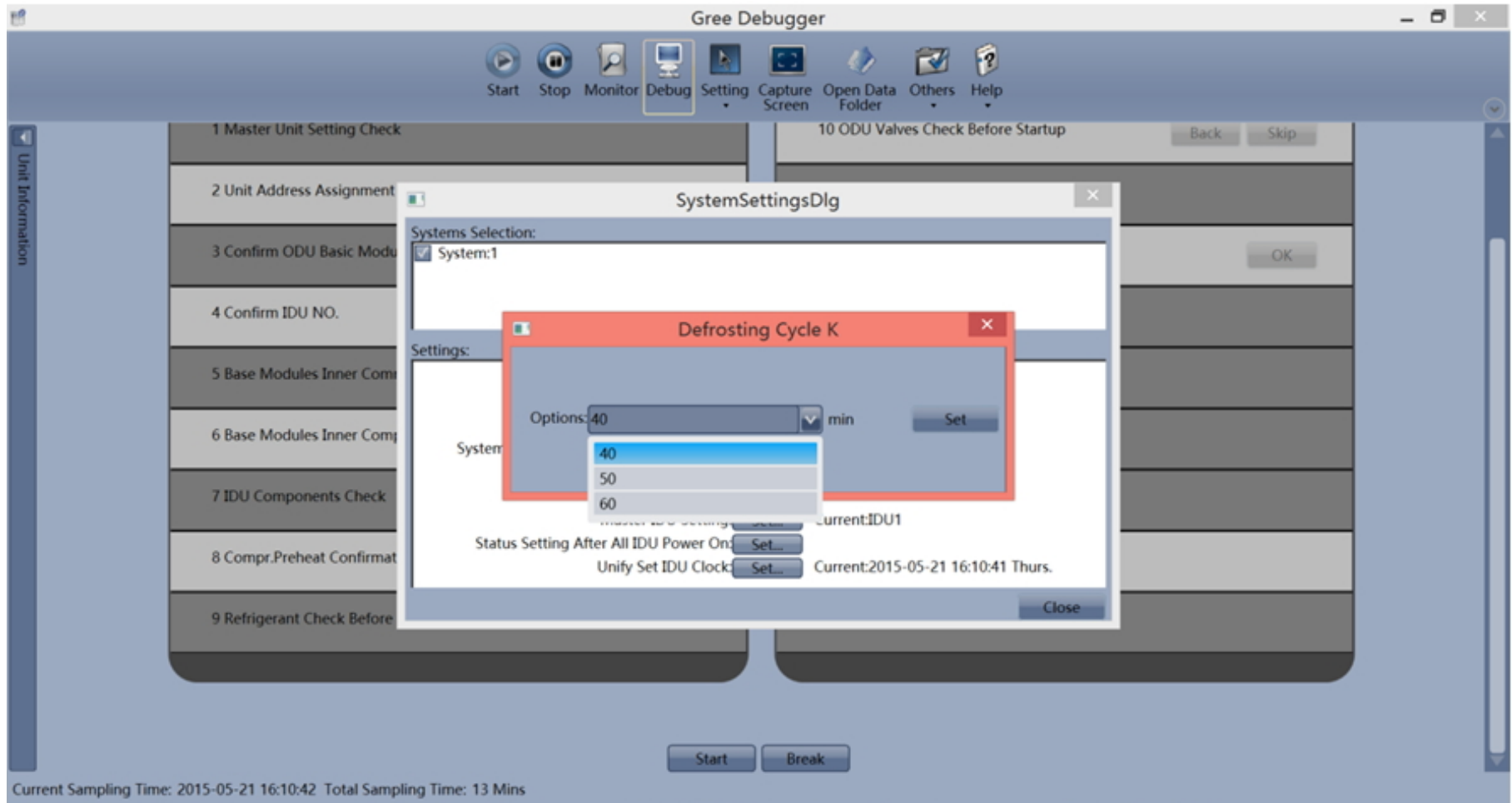
The screenshot displays the Gree Debugger software interface. The main window is titled "Gree Debugger" and features a toolbar with icons for Start, Stop, Monitor, Debug, Setting, Capture Screen, Open Data Folder, Others, and Help. The "Debug" icon is highlighted. The main area shows a list of system settings steps, including "1 Master Unit Setting Check", "2 Unit Address Assignment", "3 Confirm ODU Basic Modu", "4 Confirm IDU NO.", "5 Base Modules Inner Com", "6 Base Modules Inner Comp", "7 IDU Components Check", "8 Compr.Preheat Confirmat", and "9 Refrigerant Check Before". A "SystemSettingsDlg" dialog box is open, showing "Systems Selection:" with "System:1" selected. Below it, the "Settings:" section includes an "Options:" dropdown menu set to "80", with a "Set" button next to it. The dropdown menu is open, showing options "80", "90", and "100". At the bottom of the dialog, there are fields for "Status Setting After All IDU Power On" and "Unify Set IDU Clock", each with a "Set..." button. The current date and time are displayed as "Current:2015-05-21 16:10:19 Thurs.". A "Close" button is at the bottom right of the dialog. At the bottom of the main window, there are "Start" and "Break" buttons. The status bar at the very bottom shows "Current Sampling Time: 2015-05-21 16:10:19 Total Sampling Time: 13 Mins".



# Setting Function

## 2. Parameter setting

### Defrosting cycle



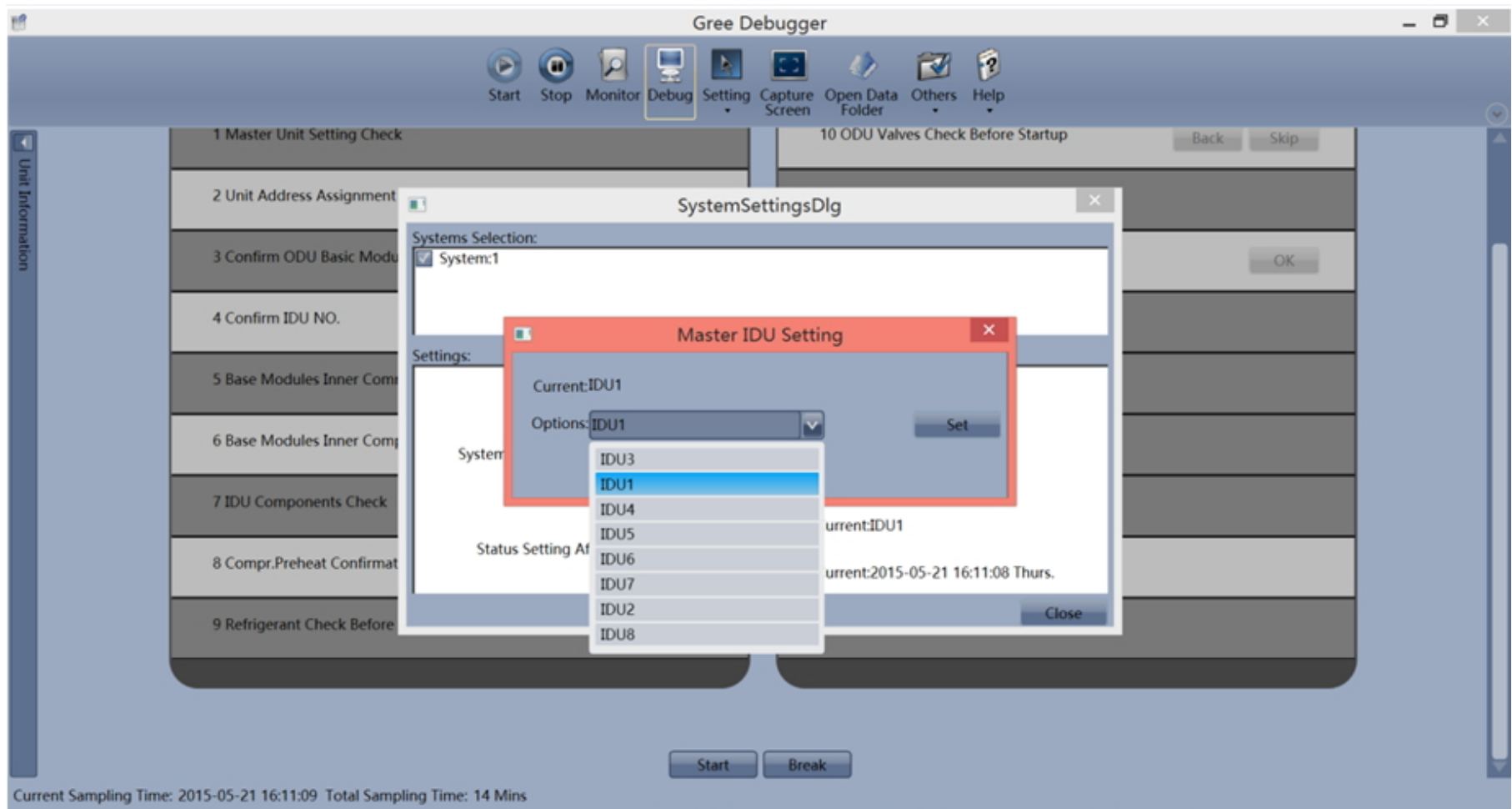
The screenshot displays the Gree Debugger software interface. The main window has a menu bar with options: Start, Stop, Monitor, Debug, Setting, Capture Screen, Open Data Folder, Others, and Help. The 'Debug' menu is currently open. The main workspace shows a list of steps for unit configuration, with '10 ODU Valves Check Before Startup' selected. A 'SystemSettingsDlg' dialog box is open, showing 'Systems Selection' with 'System:1' checked. A 'Defrosting Cycle K' dialog box is also open, showing 'Options: 40 min' and a dropdown menu with values 40, 50, and 60. The 'Defrosting Cycle K' dialog box has a red border. At the bottom of the debugger, there are 'Start' and 'Break' buttons. The status bar at the bottom indicates 'Current Sampling Time: 2015-05-21 16:10:42 Total Sampling Time: 13 Mins'.



# Setting Function

## 2. Parameter setting

### Master indoor unit setting

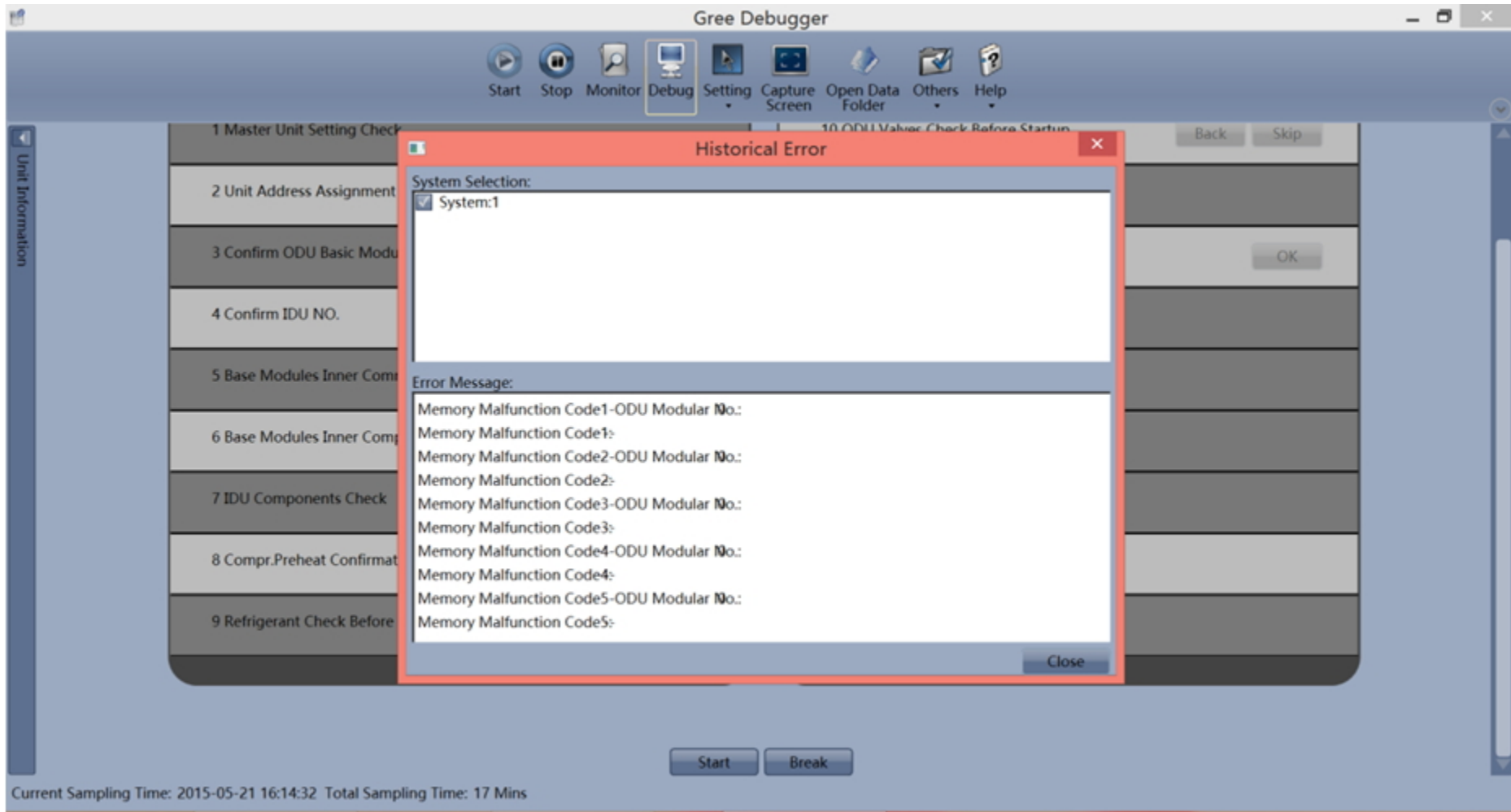


The screenshot displays the Gree Debugger software interface. The main window shows a sequence of steps for unit configuration, with '4 Confirm IDU NO.' currently selected. A 'SystemSettingsDlg' dialog box is open, containing a 'Systems Selection' section with 'System:1' checked and an 'OK' button. Overlaid on this is a 'Master IDU Setting' dialog box with a red border. It features a 'Current:IDU1' label, an 'Options:' dropdown menu with 'IDU1' selected, and a 'Set' button. A list of options (IDU1 through IDU8) is visible below the dropdown. The 'Master IDU Setting' dialog also includes a 'Close' button and a timestamp 'Current:2015-05-21 16:11:08 Thurs.'. At the bottom of the debugger window, there are 'Start' and 'Break' buttons, and a status bar showing 'Current Sampling Time: 2015-05-21 16:11:09 Total Sampling Time: 14 Mins'.



# Setting Function

## 3. Historical Error

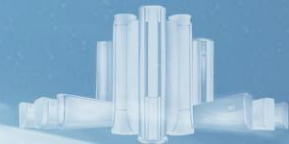


The screenshot displays the Gree Debugger interface. A 'Historical Error' dialog box is open, showing the following content:

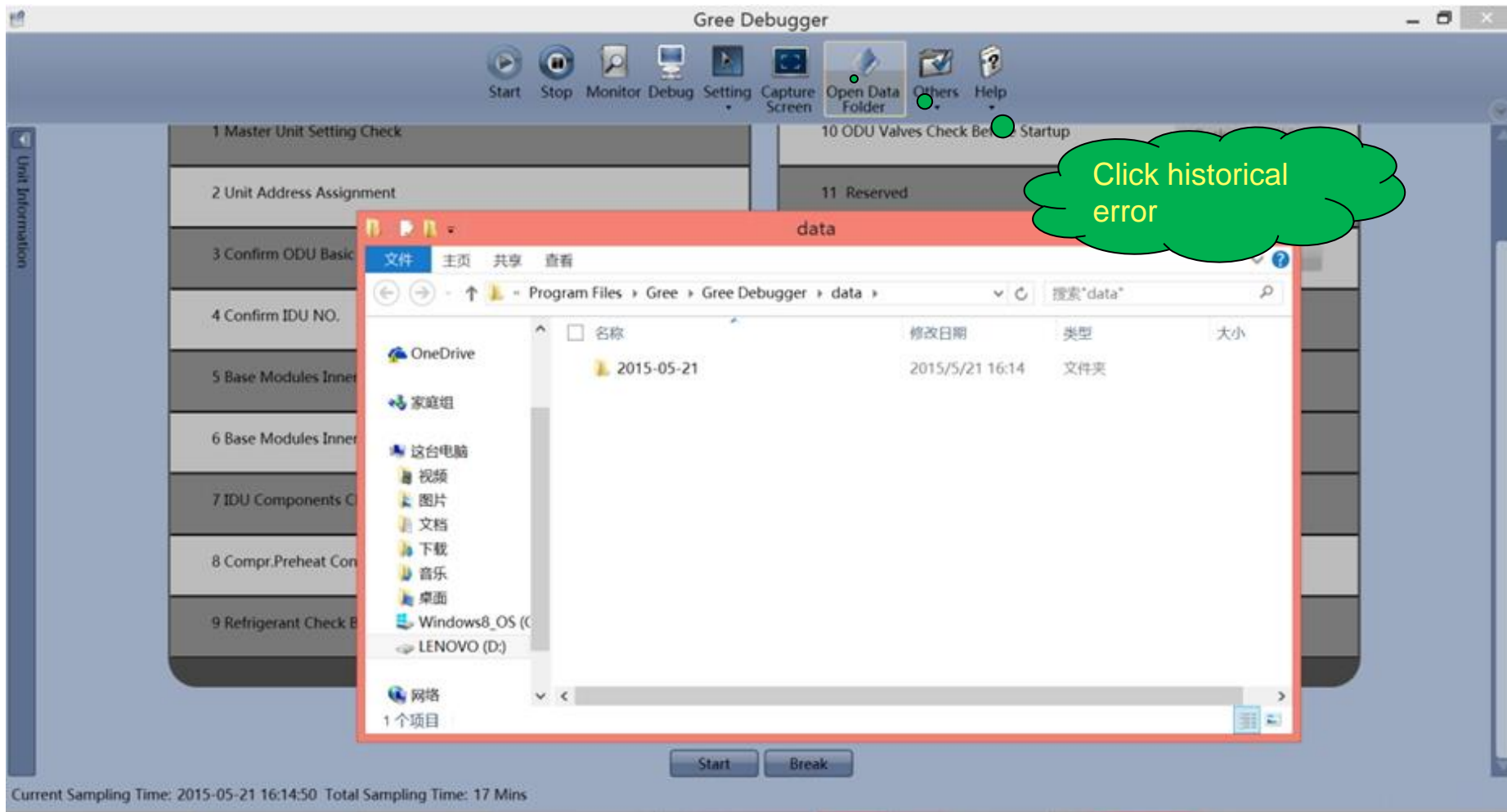
**System Selection:**  
 System:1

**Error Message:**  
Memory Malfunction Code1-ODU Modular No.:  
Memory Malfunction Code1:  
Memory Malfunction Code2-ODU Modular No.:  
Memory Malfunction Code2:  
Memory Malfunction Code3-ODU Modular No.:  
Memory Malfunction Code3:  
Memory Malfunction Code4-ODU Modular No.:  
Memory Malfunction Code4:  
Memory Malfunction Code5-ODU Modular No.:  
Memory Malfunction Code5:

The background interface includes a menu bar with options: Start, Stop, Monitor, Debug, Setting, Capture Screen, Open Data Folder, Others, and Help. A sidebar on the left lists 'Unit Information' steps 1 through 9. At the bottom, there are 'Start' and 'Break' buttons, and a status bar showing 'Current Sampling Time: 2015-05-21 16:14:32 Total Sampling Time: 17 Mins'.



# Data inquire



The screenshot shows the Gree Debugger application window. The main interface has a menu bar with options: Start, Stop, Monitor, Debug, Setting, Capture Screen, Open Data Folder, Others, and Help. Below the menu bar is a list of steps: 1 Master Unit Setting Check, 2 Unit Address Assignment, 3 Confirm ODU Basic, 4 Confirm IDU NO., 5 Base Modules Inner, 6 Base Modules Inner, 7 IDU Components C, 8 Compr.Preheat Con, 9 Refrigerant Check B, 10 ODU Valves Check Be, and 11 Reserved. A green callout bubble points to the 'Open Data Folder' button with the text 'Click historical error'. A file explorer window titled 'data' is open, showing the path 'Program Files > Gree > Gree Debugger > data >'. The file explorer shows a folder named '2015-05-21' with a modification date of '2015/5/21 16:14' and type '文件夹'. At the bottom of the debugger window, there are 'Start' and 'Break' buttons. The status bar at the bottom indicates 'Current Sampling Time: 2015-05-21 16:14:50 Total Sampling Time: 17 Mins'.

Unit Information

1 Master Unit Setting Check

2 Unit Address Assignment

3 Confirm ODU Basic

4 Confirm IDU NO.

5 Base Modules Inner

6 Base Modules Inner

7 IDU Components C

8 Compr.Preheat Con

9 Refrigerant Check B

10 ODU Valves Check Be

11 Reserved

Start Stop Monitor Debug Setting Capture Screen Open Data Folder Others Help

Click historical error

data

文件 主页 共享 查看

Program Files > Gree > Gree Debugger > data >

搜索"data"

名称	修改日期	类型	大小
2015-05-21	2015/5/21 16:14	文件夹	

OneDrive

家庭组

这台电脑

- 视频
- 图片
- 文档
- 下载
- 音乐
- 桌面

Windows8\_OS (C)

LENOVO (D:)

网络

1个项目

Start Break

Current Sampling Time: 2015-05-21 16:14:50 Total Sampling Time: 17 Mins



**THANK YOU !**

