

User Manual

HYXiPOWER Cloud Platform



Version : UM-01 Product information is subject to change without notice

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Revision History

Version	Time	Description
UM-01	2024.07.10	First official release

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1. About the Manual

1.1 Manual Content

This manual introduces the functions and operational procedures of the HYXiPOWER Cloud Platform to facilitate users in operating and managing the HYXiPOWER Cloud Platform, meeting user needs.

1.2 Applicable Content

The HYXiPOWER Cloud Platform is applicable to users who have purchased Hyxi GPRS/4G, WIFI, Ethernet version DCS or DMU, inverters, etc. The plant data monitored by the DCS or DMU is uploaded to the HYXiPOWER Cloud Platform for viewing and can be logged in through the Cloud Platform. It is used for monitoring plants, thereby enabling the visualization and management of plant data.

1.3 Applicable Requirements

Web page URL: https://www.hyxicloud.com

When accessing the web interface, please pay attention to the following points:

The minimum compatible browser version for access is Google Chrome V92.0 or above;

The system resolution is recommended to be 1920*1080 for optimal effect.

1.4 Target Readers

This manual is mainly aimed at professional technicians and users who access, manage, and operate the HYXiPOWER Cloud Platform. It requires a certain level of network knowledge and familiarity with the HYXiPOWER's related products.

1.5 Manual Usage

Please read the manual carefully before using the product and keep the manual in an easily accessible place.

The content of the manual will continue to be updated and corrected, but there may be slight discrepancies or errors with the actual product. Users should refer to the actual product purchased and can download the latest version of the user manual through the Service&Support_Download Center at hyxipower.com or obtain it through sales channels.

2 How to Start Using

2.1 Overview

The HYXiPOWER Cloud Platform is a new generation of smart cloud platform for new energy developed by Hyxi Technology. This product integrates real-time monitoring, intelligent alarms, remote control, efficient O&M, remote upgrades, and statistical analysis. It can monitor the operating status of inverters, components, and batteries in real-time, automatically calculate revenue based on power generation, and quickly locate plant faults to assist O&M personnel in completing fault handling quickly. The system uses a leading cloud computing platform with secure and reliable data, clear and intuitive interface, and convenient operation.

2.2 Select Site

Function Introduction

Introduction on how to select the appropriate site.

Prerequisite

Open the domain name of the web cloud platform through a browser;

Operation Steps

Step 1: Click the site switch button, and select the server site closest to your location or the server site where you have previously registered an account (it is recommended that Chinese users select the Chinese Server, North American users select the North American Server, European users select the European Server, and other users select the international Server).

Welcome to Login



2.3 Account Registration and Cancellation

Function Introduction

This section explains how to register and cancel an account.

Prerequisite

For non-Chinese customers: Prepare the email for registration.

For Chinese customers: Prepare the mobile number or email for registration.

Operation Steps

Registration Steps

Step 1: Use a browser to open the website: www.hyxicloud.com





Step 2: Click the 'Register Now' button to enter the registration page, choose either Distributor/Installer or Owner Registration.

Step 3: For Organization Register, select the country, enter the Organization Name, choose the Registration Method (Phone Number Register/Email Register), send the verification code, enter it after receiving, then input the Password and Confirm Password. Check the box for 'I have read Privacy Policy', and finally click the 'Register' button to complete the operation.

	Organization	Register	
* country	Please Select	×	C
* Organization Name	Please Enter		
* Registration	Email Register	~	
Method			
* Email	Please Enter	Send Verification Code	(
* Verification Code	Please Enter		
* Password	Enter password	Ħ	
* Confirm Password	Confirm Password	I Again 🛛 🖉	
	I have readPriva	cy Policy	
1		Register	1

Step 4: For Owner Registration, select the country, enter the owner's Nickname, choose the Registration Method (Phone Number Register/Email Register), send the verification code, enter it after receiving, then input the Password and Confirm Password. Check the box for 'I have read Privacy Policy', and finally click the 'Register' button to complete the operation.



	Owner R	egister	
* country	Please Select	~	0
* Registration	Email Register	~	
Method			
* Email	Please Enter	Send Verification Code	0
* Verification Code	Please Enter		
* Password	Enter password		
Confirm Password	Confirm Password	l Again Ø	
Nickname	Please Enter		
	I have readPriva	cy Policy	
1		Register	ŕ

Cancellation Steps:

Step 1: Use a browser to open the website: www.hyxicloud.com

Step 2: After logging in to the platform, click on the avatar to display the 'My Profile' button, and click to show the 'My Profile' page.



Step 3: Click 'Delete Account', a secondary confirmation button will pop up.

Delete Account		×
Are you sure you want to delete the	account?	
	Cancel	Confirm

Step 4: Enter the login password for the account to be deleted for secondary review, and click to complete the cancellation.

Enter password		×
Please Enter		
	Cancel	Confirm

Related Operation

Role	Registration Mode
Person in Charge	When registering an organization, the registered account automatically becomes the responsible account of the organization, and there is only one account per organization
Administrator	Created by the Person in Charge or Administrator in the organization management module
O&M Personnel	Created by the Person in Charge or Administrator in the organization management module
Installer	Created by the Person in Charge or Administrator in the organization management module
Sales	Created by the Person in Charge or Administrator in the organization management module
Owner	The owner himself registered the owner account

Constraints

Role	Constraints on Cancellation
Person in Charge	The associated plant and its device must be deleted first
Administrator	The associated plant and its device must be deleted first
O&M Personnel	The associated plant and its device must be deleted first
Installer	The associated plant and its device must be deleted first
Sales	The associated plant and its device must be deleted first
Owner	The associated plant and its device must be deleted first

2.4 Account Login and Logout

Function Introduction

This section explains how to log in to and log out of an account.

Prerequisites

The account has been registered.

Operation Steps

Step 1: On the platform login page, select the site, enter the account and password, and click the login button.

Welcome to Login

Canada	Chinese Server	~
4	Login Account	
â	Password	
R	emember Me	Forgot Password
	Login	
		21.6.126.6

Step 2: After logging in to the platform, click on the avatar, and the 'Log Out' button will appear; click to exit the platform.



2.5 Password Recovery and Modification

Function Introduction

This section explains how to recover and modify the account password.

Prerequisite

Forgotten password or wish to change the old password.

Operation Steps

Password Recovery Steps

Step 1: On the platform login page, click the 'Forgot Password' button.

R	etrieve by Phone No.	Retrieve by Email
86 🗸	Please Enter	Send Verification Code
* Verification Code	Please Enter	

Step 2: In the new pop-up page, enter the phone number or email, click to send the verification code, and after receiving and entering the code, click 'Next'.

Step 3: On the password reset page, enter a new password and confirm the password to complete the process.



* Password	Enter password	Ø
	Please enter your password.	
* Confirm Password	Confirm Password Again	95

Password Modification Steps

Step 1: On the platform page, click on the avatar in the upper right corner, and select the 'Modify Password' button in the pop-up box.



Step 2: In the pop-up page, enter the Old Password, New Password, and Confirm Password Again, then click 'Save' to complete the password modification operation.

Me	Modify Password		
My Profile	* Old Password	Please Enter	Ø
Modify Password			
Notification settings	* New Password	Please Enter	Ø
	* Confirm Password Again	Please Enter	Ø
	Save Reset		

2.6 Language Settings

Function Introduction

This section introduces how to set the language.



Operation Steps

Step 1: On the login page, click the language switch button in the upper right corner, and click the corresponding language to complete the language switch.

Other Switching Methods:



On the platform page, click the globe icon in the upper right corner, and complete the language switch in the pop-up box.



2.7 Viewing and Modifying Profile

Function Introduction

This section introduces how to view and modify your profile.

Prerequisites

When there are changes to mobile number, email, name, or avatar.

Operation Steps

Step 1: On the platform page, click the avatar in the upper right corner, and select 'My Profile' in the pop-up box.

Step 2: In the pop-up page, click the edit Information button.

Step 3: In the pop-up page, select a new avatar, modify the name, mobile number, email, and then click 'OK' to complete the information modification.



Related Operations

Mobile number, email modification button: Click to require verification of the verification code to complete the modification.



2.8 Experience Plants

Function Introduction

This section introduces how to experience plants through the APP.

Prerequisites

When users do not have an account registered and want to understand the platform's functions and preview them.

Operation Steps

Step 1: On the platform login page, click the 'Experience Plant' button to enter the platform with a test account.

Experience Plants

Step 2: After logging in to the platform, all data within the platform are test data, and the test account can only view and cannot perform any other operations.

HYXIPOWER						~~~		🕀 🖂 🗘 । 🕒 наемня.
Home	View Scene 1							
Monitoring	- Oveniew						Revenue Statistics	
OBM		+	+	+	×		<u>.0</u>	41.59 Current Day Revenue(CNY)
Lee Report		10.49	4.38	11.01	4.91	0.00	36453.43	Revenue Of This Month(CNY)
Contact Us		kth Daily Generation Capacity	MMh Generation Capacity Of This Month	MWh Accumulative Generation Capacity	kW Real-time Power	kWp Photovoltaic Installed Capacity	CNY Total Revenue	36453.43 Revenue Of This Year(CNY)
	Reading Power Starting 7/00 6/00 5/00 5/00 5/00 5/00 5/00 5/00 5/00 5/00 5/00 0	4	Daily 	Report Monthly Report	Annual Report Accumu	lative Report) Alem Satisfas	Ennigency Alam O O General Alam 3
	Plant Ranking 1 1399-C 2 11596(6175)2480 3 1399-E	0.10 knoby Konge .st	0.30	Today Yestenday	Plant Status	Normal Alarm Alarm Alarm Colline O O	Social Banefis	5.23 r broded r broded r r r r r r r r r r r r r
E Collapse								

2.9 Help

Function Introduction

This section introduces how to seek help when encountering platform usage issues.

Operation Steps

Step 1: Click the help icon at the top right corner of the platform, and a pop-up window will display the help center.

Step 2: Click on the 'Video Tutorial', 'FAQ', 'User Manuals' for corresponding help instructions, or contact us through the 'Contact Service' button.

3 Business Function Description

3.1 Home

3.1.1 Home

Function Introduction

Through the system's home page, you can understand the operational overview of all plants in the management system.

Prerequisite

- 1. The platform has created plant data.
- 2. DCS or DMU devices have been bound under the plant.

Operation Steps

Step 1: Click the 'Home' button in the left menu bar.

Step 2: The interface displays the statistics of all plants for this account: plant KPIs, plant state distribution, plant alarm level

distribution, energy statistics, daily plant ranking, and social benefits.

۲	Home		new scene 1 View	w Scenano z							
6	Monitoring	<u> </u>	Varview						Revenue Statistics		
٥	O&M			+	+	+	×		.0	11.93 Current 9802.1	Day Revenue(CNY)
~	Report			39.77	27.35	97.47	92.53	1.14	21754.99	Revenue 21754	Of This Month(CNY)
\$	Service			Daily Generation Capacity	Generation Capacity Of This Month	Accumulative Generation Capacity	Real-time Power	Photovoltaic Installed Capacity	Total Revenue	Revenue	e Of This Year(CNY)
		10 10 14	Realtime Power Statistic	8	Duily P	Nonthiy Report	Annual Report Accumu	lative Report 2024-06-25	Alarm Statistics	• Emergency Alarm 0 • General Alarm 52	Major Alarm O Prompt Alarm 1
		L F	0 Mant Ranking	4	8	12	16	20	Social Benefits		
			1 weizhuoe5@boctc 2 提以調电站 3 0 做送一场一可本信 4 10.01 km/sh chonglu150@boc 5 0.00 km/sk	o cc20024-06-13 0.35 kwhyketyp 0.23 kwhyketyp 50030 Moc20024-06-14 Wip		rodary Testerday	29	Normal S S Offine Offine O	38.99 Standard Coal Saved	46.30 t CO2 Emissions Avoided	63.25 teas Equivalent Trees Planted
	E Collapse		weizhuce10@bcc	to.cc2024-06-19							

Related Operations

Daily Report, Monthly Report, Annual Report, and Accumulative Report: Click to display the corresponding time selection control, and select data within the corresponding time range.

3.1.2 Data Dashboard

Function Introduction

Monitor all plants under the account in the form of a data dashboard through a global map.

Operation Steps

Step 1: Click the 'Data Dashboard' icon in the upper right corner.



Step 2: In the newly opened page, display the distribution of plants on the global map, click the plant icon to display its basic information and power generation, weather, etc.

Step 3: Display O&M statistics, power generation analysis, power generation power analysis, plant status analysis, plant power generation ranking, and social benefits situation through the data on both sides.



Step 4: Click the 'Energy Storage Screen' button in the upper right corner to switch to the Energy Storage Monitoring Center dashboard display interface, and display Benefit Analysis, Comprehensive Ranking of Cumulative Income, Site Overview, Electricity Analysis, Comprehensive Ranking of System Efficiency, and Alarm Analysis through the data on both sides.



Step 5: The Energy Storage Monitoring Center dashboard displays the distribution of plants on the national map, and by clicking on the plant icon, it displays the plant's Safe Operating Days, Installed Capacity, Installed Power, and Total Charging Capacity and Total Discharging Capacity, etc.



<u>.</u>	22 Safe Operating Day	Installed Po	wer low 40
	• Normal		pacity kWh 200
Total Char 63780.6	ging Capacity(kWh) 502	Real-time Open	ating Power(kW)
Total Disch 56707.1	targe Capacity(kWh) 199	Total Revenue(ONY)
Combined	Efficiency	SOC	SOH

Step 6: Click the 'More>>' button to enter the Energy Storage Cockpit dashboard interface, and return to the first-level energy storage dashboard interface through the 'Return to Superior' button below the plant details.

INTROWER	Energy Storage Cockpit Photo	voltaic Screen 🔸 🗞 2024-06-25 09:42:38 Full Screen 🗅
Received Received Service (Service) Service (Serv	Cloud Platform Solday Revenze - CNY Daly Changing Capachy - KNh Daly Descargie Capachy - KNh Daly Descargie Capachy - KNh Daly Descargie Capachy - KNh Daly Deschargie Capachy - K	Real line Power Power Social Line Power Power Moment Power Social Line Power Power Moment Power Macman 28.00 °C Moment 3.32 V Social Line Power Social Line Power Social Line Power Social Line Power
02 0 0619 0620 0621 0622 0623 0624 0625 Electricity Efficiency (in the past 7 days)	Revenue Data Today's Nam List	3 1 00 01 02 03 04 05 06 07 08 Alarm Statistics (in the past 7 days) -4 -4 -4 -4 -4
Total Char 387.14 MWh Total Di 345.3 MWh	Alarm Name Alarm Decurrence Time Source SN Sub Device Alarm Level Action	Alarma 0
1000 1000		1 0 00.0 00.0 00.0 00.0 00.0 00.0 00.0 0

Step 7: The Energy Storage Cockpit displays the online and offline status of the current plant's energy storage device, the Today Revenue, and the Daily Charging Capacity and Daily Discharging Capacity, and the data on both sides display the Basic Info of the energy storage plant, Benefit Analysis, Electricity Efficiency, Real-time Power, Security Monitoring, Alarm Statistics, and Today's Alarm List, etc.

3.1.3 Message Center

Function Introduction

Users can receive various types of messages.

Operation Steps

Step 1: Click the 'Message Center' button in the upper right corner of the homepage, and query various types of messages according to the Message Title, Sending Time, and Status, and you can perform operations such as deletion and marking

as read.

Message Center	Message Center					
Send Announcement	Message Title Please Enter	Sending Time 🛗 Start Date ~	End date Status Select	✓ Search Reset		
	All Marked as Read Delete					
	SN	Publisher	Message Title	Sending Time	Status	Action
	a	系统	电站离线	2024-06-25 09:16	Unread	8
	2	系统	电站离线	2024-06-24 18:07	Unread	Đ
	3	系统	电站离线	2024-06-24 18:07	Unread	Ē
	4	系統	电站离线	2024-06-24 18:04	Unread	Đ
	5	系統	电站离线	2024-06-24 17:05	Unread	Ð
	6	系统	电站离线	2024-06-24 17:05	Unread	Ð
	7	系统	电站离线	2024-06-24 17:03	Unread	Đ
	8	系统	电站离线	2024-06-24 15:49	Unread	8
	9	系统	电站离线	2024-06-24 15:13	Unread	8
	10	系统	电站离线	2024-06-24 15:10	Unread	8

Total 145 10/page v < 1 2 3 4 5 6 ···· 15 > Go to 1

3.1.4 Send Announcements

Function Introduction

A tool for sending announcement messages to users.

Operation Steps

Step 1: Click the 'Message Center' button in the upper right corner of the homepage, select the 'Send Announcement' menu, and query various types of messages according to the Message Title, Sending Time, and Status, and you can perform operations such as deleting and adding announcements.

Step 2: Click 'Create' to pop up a window to enter the Message Title and Message Content, including recipients or all receive; you can choose to send immediately or save as a draft.

Message Center	Send Announcement				
Send Announcement	Message Title Please Enter Sending	Time Start Date ~ End date	Status Select V Sear	ch Reset	
	Create Delete				
	SN	Message Title	Status	Sending Time	Action
	1	消息推送4	Sent	2024-04-02 14:41	đ
	2	消息推送测试2	Sent	2024-04-02 14:33	Û
	3	123456789012345678901234567890	Sent	2024-03-19 15:33	Û
	4	老白的验收测试	Sent	2024-04-02 14:18	۵
	5	测试后台推送	Sent	2024-04-02 14:29	đ
	6	加密信息001	Sent	2024-03-07 14:34	Û
		Т	otal 6 10/page << 1 > Go to	ť	

3.2 Monitoring

Monitoring is used to manage the topology of the plant to reflect the networking and operating status of the device. Users can understand and monitor the operating status of the plant and device in real-time through the browsing view.

3.2.1 Add Plant

Function Introduction

Complete the creation of the plant by Add Device, Bind User, Basic Info, Price Config, etc.

Prerequisite

- 1. The owner has completed registration and obtained the owner's account and authorization.
- 2. Obtain the SN of the communication device (DCS or DMU).
- 3. Calculate the local electricity revenue.

Operation Steps

Step 1: Click the 'Add Plant' button on the Plants Monitoring list page or the Plant Management list page;

Home	Plants Monitoring											Refresi
 Monitoring Plants Monitoring Device Monitoring 	Real-time Generating Cape 90.42 kW Photovotalic Installed cape Energy Storage Capacity:	acity city: 1.1400yp		Daily Generation Capa 43.45 kWh Current Day Revenue:	city 12.41CNY		Generation Capac 27.35 MW Revenue Of This M	ty Of This Month h lanth: 9802.61CN9		Accumulative 97.48 Total Revenue	Generation Capacity MWh : 21755.46CNY	2
OSM OSM	All 35 Alarm 3 Normal 4	1 Offline 28	Unfinished									
Report	Add Plant Filter											
Service	Plant Name	Plant Status	Owner	Daily Generatio	Accumulative G	Full Load Hours	Real-time Power	Energy Storage	Photovoltaic ins	Plant Type	Update Time	Control
	159468790392024-06-22	Offline	15946879039	-			0.00W	0.00kWh	0.00kWp	Household Use	2024-06-22 11:03	
	hystemp4@bccto.cc2024-05	Offline	m17621900629	1070	100	(177)	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-20 16:2	
	weizhuce10@bccto.cc2024-0	Offline	weizhuce 10@bcc	-	623		0.00W	0.00kWh	0.00kWp	Household Use	2024-06-19 16:3	
	weizhuce10@bccto.cc2024.0	Offline	weizhuce10@bcc.	-	-	-	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-19 16:3	
	weizhuce@bccto.cc2024-06-17	Offline	weizhuce@bccto.cc	k-	1275	2776	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-25 09:3	*
	迎中发电量	Offine	ceshi	1.22	1121	19221	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-14 16 2	*
	changfu150@bacto.cc2024-0	Normal	ceshi	0.5kWh	36.1kWh	0.72h	-1.00W	0.00k/Wh	0.00kWp	Household Use	2024-06-25 09:4	*
	就主发电星网派电站	Offline	ceshi		40.59kWh	40.59h	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-20 16 1	*
	weizhuze5@bccto.cc2024-05	Normal	weizhuce5@bcct	1.8kWh	175.8kWh	175.8h	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-24 17:1	2
	176219006292024-06-13	Offline	17621900629	(m)	-	-	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-13 14 3	
				ъ	stai 35 10/page	~ < 1 2	3 4 >	Oo to 1				

Step 2: In the pop-up interface, add the SN of the DCS or DMU in the first step. If it is a DMU, you need to go to the Devices Monitoring, find the corresponding device on its control page, click the 'Networking' button, and enter the SN of the Microinverter for networking and addition;

Create Plant							
Add Device	>	Bind User	>	O Basic Info	>	O Price Config	
Add Device							
						SN	Search
			+ Add Device				
Devices1							🔂 Delete
* SN: Please Enter	* Device Ty	/pe:	Device	Name: Please Enter			

Cancel	Next

Step 3: In the second step, bind the plant owner information;

Create Plant					
Add Device	Bind User	Basic Info	>	Price Config	
Plant Owner Binding					
• Set the owner. Only one owner can be bound to one	e plant.				
+ Create					
				_	_
				Cancel Previous	Next

Step 4: In the third step, enter the Basic Plant Information of the plant, such as Plant Name, Plant Type, Region, Detailed Address, Time Zone, etc.

Step 5: In the fourth step of Price Config, select the Electricity Price Type, Currency, and Revenue Per kWh, and click 'Finish' to complete the plant creation.

Create Plant				
Add Dev	ice > (Bind User	Basic Info	Price Config
Price Config				
* Electricity Price Type	Fixed Electricity Price			
* Currency	CNY			
Revenue Per kWh	Please Enter	CNY/kWh		

Cancel Previous Finish

Related Operations

- 1. Click 'Next' on the device addition page, and you will have a plant data in creation.
- 2. Click 'More Info' on the basic information page to display some non-mandatory information about the plant, such as
- Photovoltaic Installed Capacity, Number of Method, etc.
- 3. You can skip to the next step without adding any devices on the Add device page.

Constraints

- 1. Only one owner account can be bound.
- 2. A visitor account can bind up to 20 (visitor permissions can only view and cannot operate plant information).

3.2.2 Plants Monitoring

Function Introduction

By monitoring the plant overview, views, and device-related information, users can understand the operating status of the plant in real-time.

Prerequisite

- 1. Plant creation has been completed (including the addition of device).
- 2. To view the view, it is a prerequisite to have added Hyxi's Microinverter (and DMU).

Operation Steps

Step 1: Click 'Monitoring' > 'Plants Monitoring' in the menu, query the plant data you need to monitor in the displayed list page and click.

Plants Monitoring											Refresh
Real-time Generating Capa 90.42 kW Photovoltaic installed capa Energy Storage Capacity:	city: 1.141W/p		Daily Generation Capac 43.45 kWh Current Day Revenue:	12.41CNY	S.	Generation Capacit 27.35 MWR Revenue Of This M	y Of This Month n onth: 9602.61CNY		Accumulative Gr 97.48 M Total Revenue:	eneration Capacity Wh 21755.46CNY	2
All 36 Alarm 3 Normal 4	Offline 28	Unfinished 1									
Add Plant 🛛 🖓 Filter											
Plant Name	Plant Status	Owner	Daily Generatio	Accumulative G	Full Load Hours	Real-time Power	Energy Storage	Photovoltaic ins	Plant Type	Update Time	Control
byxiteme4@bccte.cc2024-06	😐 Unfinished		-	-	-	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-25 09:4	
159468790392024-06-22	Offline	15946879039	- 1	-	-	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-22 11:03	
hyxitemp4@bccto.cc2024-06	Offline	m17621900629		2 — 2	-	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-20 16:2	
weizhuce10@bccto.cc2024-0	Offline	weizhuce10@bcc	-	-	-	0.00VV	0.00kWh	0.00kWp	Household Use	2024-06-19 16:3	
weizhuce10@bccto.cc2024-0	Offline	weizhuce10@bcc		-	-	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-19 16:3	
weizhuce@bccto.cc2024-06-17	Offline	weizhuce@bocto.cc	-	-	-	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-25 09.3	*
组中发电量	Offline	ceshi		-	-	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-14 16:2	*
chongfu150@bccto cc2024-0	Normal	ceshi	0.6kWh	36.2kWh	0.72h	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-25 09.4	\$
微学发电量测试电站	Offline	ceshi	-	40.59kWh	40.59h	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-20 16:1	ŧ
weizhuce5@bccto.cc2024-06	Normal	weizhuce5@bcct	1.9kWh	175.9kWh	175.9h	0.00W	0.00kWh	0.00kWp	Household Use	2024-06-24 17:1	\$
			To	tal 36 10/page	v × 1 2	3 4 >	Go to 1				

Step 2: In the newly opened monitoring page, you can switch between Overview, View, Devices, Basic Info, and Alarm to view the corresponding information.

Overview		
View(Noun)		
Devices		
Basic Info		
Alarm		

Step 3: In the Overview, you can display the plant's Energy of the Day, Revenue, Realtime Power Statistics, Plant Performance, Basic Information of the plant, Alarm Info, Environmental Benefits, and today's Weather.



Step 4: In the View, you can display the distribution of the plant's microinverters and their components. Clicking on a component in the canvas will display its real-time status and data in a floating window.

Home	Overview	Physical View Logical V	//ew												
and monitoring		Current View ■761	Create										🖉 Edi	[T] Rename	Delete
Plants Monitoring	View(Noun)														-18
Device Monitoring	Devices	jim-lest-moniqi Collapse													A
08M	 Basic Info 	Please Enter G													
ter Report	Alarm	C 00123455751000													
G Service															
							02 W								
															Φ
															Q
															Q
															v
			Collapse >	1		1						Time (0	9.45	2024-06-25	
			mil	MMMM	Merty	Minh								De el	lay EAST
Et Collapse			00:00 02:0	5 64.00	0600	08.00 10.00	12.00	14:00	16/00	18:00	2000	22:00	23:55	• 0	

Step 5: The power curve player at the bottom of the Physical View and Logical View can be linked with the components in the canvas. Click the play button, and the player will start playing from the progress bar, and the online optimizers will dynamically display the corresponding power values and green ripples.

Step 6: The Physical View allows you to add, edit, rename, and delete the canvas. Click the 'Create' button, enter the name of the physical view, click 'OK' and then further edit the physical view canvas. Drag devices from the device tree on the left into the canvas, and the layout of the components in the canvas can be adjusted through the editing tools above the canvas. When exiting, you can choose whether to save the current canvas.

HYXiPOWER Cloud Platform

Home Home	Ove	erview	而行1 (Edit Status)		Exit Save
Monitoring Dants Monitoring	View	(Noun)	19 🕜 🕥 👿 🚉 🚓 🧐 🥐 Angle * Dip Angle * 20 Advances	P	V Module: 1/2400 Operation Prompts
Device Monitoring	De	Nices	jimätst-monig	\mathbb{A}_{n}	Smart Drawing Recognition Collapse
08M	Bas	iic Info	Colique Please Inter Q		1 0 0 Identified Successful Failed
In Report	-	larm			Current total number of drawings 1 Please enter the drawing name O
Service					Select All upload () e3JPG *
			0		
			000		
				15 	
			Det droppen Perer Page 16	0	4
E Collapse			entra da 20 Ann International	Q	Identify

Step 7: Another way to edit the canvas is through Smart Drawing Recognition on the right side, replacing manual editing of components; place the QR codes of microinverters or optimizers on the recognition diagram according to the layout, store them on your computer, and click the 'Upload' button to select the diagram you want to recognize.

Layou	. Templat e	 	 To sheet	*	 	Seet:	
Cytheire W red							
Cytheire W cod							
Optimizer Official							
Optiels -							
Paint b for Nort		Aniauth:	-	Panal type: Cust case:	 =	HYXI	POWER

Step 8: After a successful upload, it will appear in the diagram list with a status of 'Pending'; check the box for the diagrams you want to recognize and click the 'Recognize Now' button.

×

Smart Drawing Recognition



Drawing recognition, please be patient and wait

Step 9: During the recognition process, if the recognized device is not under the current plant or has already been bound in another view of the plant, a prompt window will appear.





Step 10: After recognition is complete, it will display the successfully recognized devices and the failed ones. The data of the successfully recognized device needs to be checked for the arrangement method, and after clicking 'OK' it will appear on the canvas.

Succe	essful identificat 4.JPG	ion this t	ime					
dentify su	iccessful device o	lata		Plea	se choose	the arra	ingement	t method
۵	Install opti mizer com ponents	10	1:1					
	Componen ts without optimizers	17						

Step 11: In the device section, you can display all types of devices in the plant, including Microinverters, String Inverters, Hybrid Inverters, DMUs, DCSs, optimizers, and EMSs; by clicking on each device list item, you can enter the device details page, for specific content, see the device monitoring below.

Step 12: In the Basic Info section, you can display the basic information of the plant, plant prices, associated owner accounts, and visitor accounts.

Step 13: In the Alarm section, you can display all the alarms under the plant and perform ignore operations.



Related Operations

1. Add Device in the upper right corner of the overview: You can add DCS or DMU devices.

2. Energy analysis in the overview: The Daily Report statistics are for real-time power; the Monthly Report, Annual Report, and Accumulative Report are for cumulative electricity.

3. Add Device in the view: If the view function is required, you must add an optimizer device or DMU device, and add microinverter for networking operations.

4. Hide/Show device tree in the view: Check a device to display its component distribution.

5. Click on the plant in creation to continue the creation operation.

Constraints

Plant View function: Must add DMU devices and add microinverter devices for networking to have the view function.

Smart Drawing Recognition function: Devices not bound to the current plant cannot be added to the current view; devices already added to other views of the current plant can choose whether to add to the current view.

3.2.3 Plant Control

Function Introduction

By monitoring the plant Overview, Views, and Device information, users can understand the operating status of the plant in real-time.

Prerequisite

Plant creation has been completed (including the addition of communication devices with 14 bits SN, including DCSs or DMUs);

Operation Steps

Step 1: Click the 'Monitoring' > 'Plants Monitoring' menu. On the displayed list page, query the plant data to be monitored and click the 'Control' icon.

View(Noun)	Device Name Pleas	se Enter De	vice SN Please Enter	Select Tim	e 📑 Start Date	→ End date	Search	Reset	
Devices	Alarm Code	Alarm Name	Device Name	Device SN	Device Type $\boldsymbol{\mathbb{\gamma}}$	Alarm Status 🖓	Alarm Level	Start Time	Last trigger time
	3113	AC Overvoltage	31801113800002	31801113800002	Micro Inverter	Restored	General alarm	2024-06-25 08:24:57	2024-06-25 09:55:00
Basic Info	3110	PV2 Undervoltage123	30301240200022	30301240200022	Micro Inverter	Restored	General alarm	2024-06-25 05:27:55	2024-06-25 05:31:25
Alarm	3109	PV1 Undervoltage	30301240200022	30301240200022	Micro Inverter	Restored	General alarm	2024-06-25 05:27:55	2024-06-25 05:31:25
	3113	AC Overvoltage	31801113800002	31801113800002	Micro Inverter	Restored	General alarm	2024-06-24 18:14:59	2024-06-25 07:45:00
	3113	AC Overvoltage	31801113800002	31801113800002	Micro Inverter	Restored	General alarm	2024-06-24 13:45:03	2024-06-24 17:35:02
	3082	Island protection	31901241000049	31901241000049	Micro Inverter	Unprocessed	General alarm	2024-06-24 09:41:29	2024-06-24 09:41:29
	3114	AC undervoltage	31901241000049	31901241000049	Micro Inverter	Restored	General alarm	2024-06-24 09:41:29	2024-06-24 09:41:30
	3110	PV2 Undervoltage123	30301240200022	30301240200022	Micro Inverter	Restored	General alarm	2024-06-24 05:10:47	2024-06-24 18:58:13
	3109	PV1 Undervoltage	30301240200022	30301240200022	Micro Inverter	Restored	General alarm	2024-06-24 05:10:47	2024-06-24 18:58:13
	3110	PV2 Undervoltage123	30301240200022	30301240200022	Micro Inverter	Restored	General alarm	2024-06-23 05:21:48	2024-06-23 19:03:19
			Total 1190	10/page V < 1	2 3 4	5 6 119 >	Go to 1		

Step 2: The Batch Networking Formation button is displayed on the control page.



Related Operations

Batch Networking Formation: Click this operation to re-issue all microinverters under the DMU of the plant and perform secondary networking

Constraints

Batch Networking Formation: Must be added with DMU and Microinverters to take effect.

3.2.4 Device Monitoring

Function Introduction

Monitor devices in real-time to help users understand the operating conditions of the devices, deal with exceptions, and ensure device safety.

Prerequisite

- 1. Plant creation has been completed;
- 2. DCS or DMU devices have been added.

Operation Steps

Step 1: Click 'Monitoring' > 'Devices Monitoring' in the menu, and query the device data items you need to monitor in the displayed list page and click.

Devic	e Monitoring verter String Inverter	Energy Storage Inverte	r Optimizer DML	J Data communication	1 dongle				
M	icroinverter	10 31 offine Plant Please Set	O Alarm	earch Reset					
	Device Name	Device SN 🗢	Status 🖓	Application Version	Hardware Ver.	Plant Name	On-grid Protection	On-grid Protection	Control
1	30101232600019	30101232600019	Offline ()	V00.00.00.00	V00.00.00.00	微逆一拖一可靠性勿动	0	V0.00.00	≈
2	30101234800001	30101234800001	Offline ()	V00.00.00.00	V00.00.00.00	微逆一拖一可靠性勿动	0	V0.00.00	\$
3	30101235200417	30101235200 <mark>417</mark>	Normal	V00.00.00.00	V00.00.00.02	微逆一拖一可靠性勿动	Germany Low Voltag	V1.00.02	\$
4	30101235200469	30101235200469	Offline ()	V00.00.00.00	V00.00.00.00	微逆一拖一可靠性勿动	0	V0.00.00	\$
5	30201232600012	30201232600012	Offline ()	V00.00.00.00	V00.00.00.00	微逆一拖一可靠性勿动	0	V0.00.00	\$
6	30201232600014	30201232600014	Normal	V00.00.00.00	V00.00.00.02	微逆一拖一可靠性勿动	Germany Low Voltag	V1.00.02	\$
7	30202348800111	30202348800111	Normal	V01.00.00.01	V01.00.00.01	模拟器电站	0	V0.00.00	\$
8	30202348800112	30202348800112	Normal	V01.00.00.01	V01.00.00.01	模拟器电站	0	V0.00.00	\$
			Total 41	10/page V	1 2 3 4	5 > Go to 1			,

Step 2: In the newly opened monitoring details page, you can switch between Basic Info, Real-time Inf, and Historical Curves (query by day).



1	30101235200417	Historical Curve				Ċ	Go to Control 2024-0	Refresh 6-25 10:14:30
	Device Name	30101235200417	Device SN	30101235200417	Plant Name	微逆一拖一可靠	智性勿动	
	Plant ID	PI1765215997456945152	Plant Address	中國浙江會杭州市西湖区杭州市西湖区320國道与象山 路交叉口西南侧-住北亚玖琐山醫健健康	Device Status	 Normal 		
	Last Update Time	2024-06-25 10:14:30	Time Zone	UTC+08:00	Device model	HYX-M500-S		
	Communication Device SN	60101241300070	Number of PV Strings	1	Rated Power W	500		
	Rated Voltage V	208	On-grid Protection File Code	Germany Low Voltage Grid	On-grid Protection File Version	V1.00.02		
	Sub-1G Software Ver.	V01.01.01.10	Control software version	V00.00.00.00	Hardware Version	V00.00.00.02		

Step 3: In the Basic Info page of the Hybrid Inverter or String Inverter, click the Optimizer Search button to search for the optimizers under the current inverter device. If successful, the optimizer list will be displayed.

Optimizer is searching	×



Related Operations

DCS or DMU details page: Basic Information will display the sub-device list of it.

Hybrid Inverter or String Inverter details page: Basic Information will display the list of optimizer devices.

Go to Control: Adjust to the device control page.

Refresh: Get the latest device data.

3.2.5 Device Control

Function Introduction

By monitoring the plant overview, views, and device information, users can understand the operating status of the plant in real-time.

Prerequisite

Plant creation has been completed (including the addition of communication devices with 14 bits SN, including DCSs or DMUs);

Operation Steps

Step 1: Click 'Monitoring' > 'Devices Monitoring' in the menu, and query the device data you need to control in the displayed list page and click the 'Control' icon.

Device Monitoring

Microinverte	er String Inverter	Energy Storage Inverter	Optimizer DMU	Data communication dongle				
String	Inverter 10 Alt N	4 6 Normal Offline	O Alarm					
BN Pleas	e Enter	Plant Please Select	Searc	h Reset				
	Device Name	Device SN 🗇	Status	Main Software Version	Hardware Ver.	Plant Name	Number of PV Strings	Control
1 2	2010000000105	2010000000105	Normal	V01.00.00.01	V01.00.00.01	chongfu150@bccto.cc20	100	*
2 3	2010000000234	2010000000234	Normal	V01.00.00.01	V01.00.00.01	电站在离线验证	4	
3 2	2010000000301	2010000000301	Offline	V00.00.00.00	V00.00.00.00	ceshi@grr.la2024-03-20	2	*
4 2	20100054612121	20100054612121	Normal	V01.00.00.01	V01.00.00.01	模拟器电站	1	*
5 2	20101231500002	20101231500002	Offline	V01.47.07.E8	V00.01.00.00	ceshi@grr.la2024-03-20	2	*
6 2	20101233700018	20101233700018	Offline	V01.01.01.02	V00.00.00.00	可靠性测试电站	2	*
7 2	20102302310231	20102302310231	Offline	V01.00.00.01	V01.00.00.01	组串发电量	1	\$
							20.20	140403

Total 10 10/page ~ (1 > Go to 1

Step 2: In the newly opened control page, buttons such as Restart, Turn On/Off, Restore Factory Settings, Clear Device Alarms, Clear Historical Data, Clear Grounding Faults, etc., are displayed (details are as follows).

< 2010000000105

Turn On	Clear Device Alarms	Turn Off
Clicking here to turn on device.	Clicking here to clear all real-time alarms.	Clicking here to turn off device.
Turn On	Clear Device Alarms	Tum Off
Restart	Clear Ground Faults	Clear Historical Data
Clicking here to turn off and restart device.	Clicking here to clear the ground fault alarm status of the	Clicking here to clear all historical data.
Restart	inverter.	Clear Historical Data
Firmware Upgrade Clicking here to upgrade this device. Firmware Upgrade		

Related Operations

- 1. Restart: Clicking here to turn off and restart device.
- 2. Restore Factory Settings: Clicking here to restore all settings to the original factory state.
- 3. Clear Device Alarms: Clicking here to clear all real-time alarms.
- 4. Clear Historical Data: Clicking here to clear all historical data.
- 5. Upload Real-time Data Once: Clicking here to re-upload all real-time data (including inverter) in the device, and users can view the data through the device details.
- 6. Collect Inverter Information: Clicking here to collect inverter basic information data once, and the user can view the

data through the device details.

- 7. Network Formation: Clicking here, the DMU will be networked with the desired associated microinverter, and the microinverter will upload data through this DMU after successful networking.
- 8. Turn On: Clicking here to turn on device.
- 9. Turn Off: Clicking here to turn off device
- 10. Clear Ground Faults: Clicking here to clear the ground fault alarm status of the inverter
- 11. Export Controller: Clicking here, if anti-reflux turned on, PV energy will not feed in grid but only supply loads or battery.
- 12. On-Grid Work Mode: Clicking here to go into grid working mode settings.
- 13. Off-Grid Work Mode: Clicking here to go into offline working mode settings.
- 14. Battery Low SOC Dead Protection: Clicking here to go into battery low SOC dead protection.
- 15. Firmware Upgrade: Clicking here to upgrade this device.
- 16. Microinverter Power Limitation: After the setting is successful, the device generates electricity with the power you set as the maximum power.
- 17. Phase Separation: When the battery-free mode is selected, the Hybrid Inverter will be allowed to work without battery, which is equivalent to the String Inverter.
- 18. Heat Pump Control: Only SG ready heat pumps are supported
- 19. Constraints
- 20. The results of the control operations are not displayed on the current page and need to be checked on the relevant details page.
- 21. Networking Formation operations are for DMU devices; Turn On/Off operations are for inverter devices.
- 22. Electricity meter: Cannot perform control operations.
- 23. Microinverter Power Limitation: Only effective for Microinverter devices.
- 24. On-Grid Work Mode, Off-Grid Work Mode, Battery Low SOC Dead Protection, Heat Pump Control: Only effective for Hybrid Inverter devices.
- 25. Export Controller: Only effective for DMU, DCS.
- 26. Phase Separation: Only effective for DMU.

3.3 Operations and Maintenance

Users can understand the real-time fault status and alarm information of the plant through O&M, and quickly track, locate, and handle plant faults.

3.3.1 Alarm Info

Function Introduction

This section explains how to view and manage device and system alarm information, including current unprocessed alarms and historical processed alarms. Device alarms track real-time active alarms and historical alarms of the device, while system alarms track alarms during the system's active process.

Prerequisite

1. Plant creation has been completed (including the addition of communication devices with 14 bits SN, including DCSs or DMUs);

2. Device on site has experienced a fault or alarm.



Operation Steps

Step 1: Click on the 'O&M' -> 'Alarm Info' menu, and query all device alarm information in the displayed list page.

2	Home	arm info
窗	Monitoring	nt 🖥 B-BF-010001 V Alarm Name Please Enter Alarm Code Please Enter Select Time Start Date I End date 🗇
۵	08M ^	vice Name Please Enter Device SN Please Enter Search Reset
	Alarm Info	larm Code Alarm Name Device Name Device SN Device Type 🖓 Alarm Status 🖓 Alarm Level 🖓 Plant Name Start Time Last trigger time
	Dispersion Rate Analysis	301001 AC side hardware s 御旧母研-01000 50402241600001 EMS energy storag Unprocessed General alarm 御旧-母研-010001 2024-06-06 09:51:12 2024-06-06 09:52:30
	O&M Statistics	301001 DC stde hardware s 範旧目示-01000 504/02241600001 EMS energy storag Processed Emergency alarm 範記-目示-010001 2024-06-06 09:50-12 2024-06-06 09:52-56
	Log Management	001000 phase lock alarm 重阳目符-01000 50402241600001 EMS energy storag Processed Important alarm 重阳目符-010001 2024-06-04 09 50 12 2024-06-04 13 52 36
	IV Diagnostic Task Management	
	Plant Inspection	
<u>~</u>	Report ~	
ø	Service ~	
	E Collapse	torar 3 10/page < 1 > Go to 1

Step 2: Click on the unprocessed alarm data, and the alarm detail page will pop up showing the basic information of the alarm, with the option to perform ignore operations.

Step 3: Click on the processed alarm data, and the alarm detail page will pop up showing the basic information of the alarm and historical processing information.

3.3.2 Dispersion Rate Analysis

Function Introduction

This analyzes the current data of photovoltaic modules to discover abnormal photovoltaic power generation modules for the use of O&M personnel. This function enables the viewing of real-time, up-to-date disparity rate data of different inverters at the same moment.

Prerequisite

1. Plant creation has been completed (including the addition of communication devices with 14 bits SN, including DCSs or DMUs);

2. Data is viewed during the daytime photovoltaic power generation period.

Operation Steps

Step 1: Click on the 'O&M' -> 'Dispersion Rate Analysis' menu, and query all device disparity rate information in the displayed list page.

9	Home	Alarm Info	fo								
窗	Monitoring	Plant 富阳-自研-0100	01 V Alarm I	Name Please Enter	Alarm	Code Please Enter	Select	Time Start Date	→ End date		
٥	O8M ^	Device Name Please	Enter	Device SN Please E	nter	Search Rese	et				
	Alarm Info	Alarm Code	Alarm Name	Device Name	Device SN	Device Type	Alarm Status 🖓	Alarm Level 🖓	Plant Name	Start Time	Last trigger time
	O&M Statistics	1301001	AC side hardware s	富阳自研-01000	50402241600001	EMS energy storag	Unprocessed	General alarm	富阳-自研-010001	2024-06-05 09:51:12	2024-06-05 09:52:30
		1301001	DC side hardware s	富阳自研-01000	50402241600001	EMS energy storag	Processed	Emergency alarm	富阳-自研-010001	2024-05-05 09:50:12	2024-06-05 09:52:36
	Log Management IV Diagnostic Task Management	1301000	phase lock alarm	室阳自研-01000	50402241600001	EMS energy storag	Processed	Important alarm	塞阳-向 研-010001	2024-06-04 09:50:12	2024-06-04 13:52:36
₩	Report ~										
0	Service ~										
	E Collapse				Total 3	10/page v	Go to	1			

Step 2: Click on the unprocessed alarm data, and the alarm detail page will pop up showing the basic information of the alarm, with the option to perform ignore operations.

Step 3: Click on the processed alarm data, and the alarm detail page will pop up showing the basic information of the alarm and historical processing information.

3.3.2 Dispersion Rate Analysis

Function Introduction

This analyzes the current data of photovoltaic modules to discover abnormal photovoltaic power generation modules for the use of O&M personnel. This function enables the viewing of real-time, up-to-date disparity rate data of different inverters at the same moment.

Prerequisite

1. Plant creation has been completed (including the addition of communication devices with 14 bits SN, including DCSs or DMUs);

2. Data is viewed during the daytime photovoltaic power generation period.

Operation Steps

Step 1: Click on the 'O&M' -> 'Dispersion Rate Analysis' menu, and query all device disparity rate information in the displayed list page.



Related Operations

- 1. The device conditions corresponding to the dispersion rate are listed as follows:
- 2. Offline: The storage communication is faulty. More than 20%: some branches are faulty; 10-20%: individual branch is obviously lower; 5-10%: individual branches are low; 0-5%: normal;
- 3. Device tree: Check a device to show the dispersion of the device;

Constraints

- 1. The number of strings must be greater than or equal to 6 before calculation. If the discretization rate cannot be calculated or the inverter is offline, '-' is displayed.
- 2. Discrete rate analysis is not done for Microinverters, only for String Inverters and Hybrid Inverters.

3.3.3 O&M Statistics

Function Introduction

This displays the operation and maintenance statistical analysis data of all plants for the user.

Operation Steps

Step 1: Click on Operation and 'O&M' -> 'O&M Statistics' to display the alarm quantity change curve, current day alarm level ratio, current day alarm status ratio, unprocessed alarm list, top 10 alarm types in the last 30 days, top 10 plant rankings in the last 30 days, and top 10 device rankings in the last 30 days.



3.3.4 Log Management

Function Introduction

Detailed records of Plant Operation Record, Batch Plants Networking, Equipment Control Record, Sent on-grid file, etc., achieve operation transparency, traceability, enhance system security and stability, and provide a solid basis for fault diagnosis and audit.

Operation Steps

Step 1: Click on 'O&M -> Log Management' to query the relevant log information.

۲	Home	Log Management					
圙	Monitoring ~	Plant Operation Record Batch Plant	ts Networking Device Network Formation	on Device Binding & Unbinding E	Equipment Control Record Sent on-gr	id file	
۵	O&M ^	Plant Name Please Enter	Select Time 🛅 Start Date	End date	ch Reset		
	Alarm Info	Plant Name	Plant Type	ActionTime	Channel	Operator	Action
	O&M Statistics Log Management IV Diagnostic Task Management Plant Inspection	hyxitemp4@bccto.cc2024-06-25	Household Use	2024-06-25 09:46:59	web	ceshi@grr.la	Plant Add
		hyxitemp4@bccto.cc2024-06-25	Household Use	2024-06-25 09:46:31	web	ceshi@grr.la	Power Station Binding Relationship
		159468790392024-06-22	Household Use	2024-06-22 11:03:44	Android	ceshi@grr.la	Set Electricity Price
		159468790392024-06-22	Household Use	2024-06-22 10:58:59	Android	ceshi@grr.la	Plant Add
		159468790392024-06-22	Household Use	2024-06-22 10:58:53	Android	ceshi@grr.la	Power Station Binding Relationship
₩	Report	组串发电量	Household Use	2024-06-21 16:37:39	web	ceshi@grr.la	Modify Plant Binding Relationship
ø	Service ~	hyxitemp4@bccto.cc2024-06-20	Household Use	2024-06-21 16:37:28	web	ceshi@grr.la	Modify Plant Binding Relationship
		hyxitemp4@bccto.cc2024-06-20	Household Use	2024-06-20 16:24:49	web	ceshi@grr.la	Modify Plant Binding Relationship
		hyxitemp4@bccto.cc2024-06-20	Household Use	2024-06-20 16:23:00	web	ceshi@grr.la	Set Electricity Price
		hyxitemp4@bccto.cc2024-06-20	Household Use	2024-06-20 16:22:56	web	ceshi@grr.la	Plant Add
			Total 238	10/page < 1 2 3	4 5 6 … 24 >	Go to 1	
	= Collanse						

3.3.5 IV Diagnostic Task Management

Function Introduction

This is for intelligent monitoring and maintenance of the plant, allowing users and O&M personnel to quickly and accurately locate the problem.

Operation Steps

Step 1: Click on 'O&M' ->'IV Diagnostic Task Management', and query messages according to the Diagnosis Date Period, Plant Name, and Device Name, with the option to add or delete diagnostic tasks.

Step 2: Click the 'Create' button, Select Plant, Execution Mode, Select Device, check the user authorization obtained, and click the button to add a diagnostic task.

Step 3: Click on the IV diagnostic task management list to view the details of the diagnostic task, which includes Basic Info and Diagnostic Results.

4	Home		IV Diagnostic Task	Management						
ඛ	Monitoring	×	Diagnosis Date Period	🗐 Start D	ate ~ End date	Plant Name Ple	ase Enter Device Name	Please Enter Searc	h Reset	
۵	O&M	^	Create							
	Alarm Info	laahusia	Task Start Time 💠		Plant Name	Current Status	Created By	Creation Time 🗢	Action	
	ORM Statistics	uldiysis	2024-06-03 18:46:58		標拟器电站	Finished	ceshi@grr.la	2024-06-03 18:46	:58 💼	
	Log Management		2024-06-04 14:48:58		可靠性测试电站	Finished	ceshi@grr.la	2024-06-03 14:48	:58 💼	
	IV Diagnostic Tas Management	k								
	Plant Inspection									
⊾	Report	~								
8	Service	~								
<)	Add New Diagn	ostic Task								
	* Select plant	Please Select		~ 0		2	10/page < (1 >	Go to 1		
*	Execution Mode	Please Select								
	* Select Device	Please Select								

The operation of the device may be interrupted during the diagnostic process. Please make sure you have obtained user authorization.

Finish



< Diagnosis Ta	sk Details	Diagnosis Task Details Basic tefe Diagnostic Results				
Basic Info Diag	nostic Results				Device Name	Plause Enter Search
Select plant	模拟器电站	The number of strings in this scan 12	Serial Number	Device Name	Diagnostic Results 🖓	Action
			1	20101232600012	Weak light or mismatch	View(Verb)
Execution Mode	Execute it now		2	20101232600012	Serial port not connected	View(Verb)
			1	20101232600012	Normal	View(Verb)
Task Start Time	2024-06-03 18:46:58		2	20101232600012	Serial port not connected	View(Verb)
			3	20101232600012	Shadow occlusion	View(Verb)
Device Range	20101232600012 🗸		4	20101232600012	Serial port not connected	View(Verb)
			5	20101232600012	Hot spot	View(Verb)
Current Status	Finished	Normal m Shadow occlusion Weak light or mismatch stop Hot spot Test Type Serial port not connected	6	20101232600012	Serial port not connected	View(Verb)
			7	20101232600012	Test Type	View(Verb)
Created By	ceshi@grr.la		8	20101232600012	Serial port not connected	View(Verb)
Creation Time	2024-06-03 18:46:58			Total 12 10/page ~	< 1 2 > Goto 1	

3.3.6 Plant Inspection

Function Introduction

Automatically score from dimensions such as Info Adequacy, Meter Situation, Offline Device, Alarm Situation, Generator Anomaly, and Layout Situation to intuitively display the comprehensive health index of the plant, helping to quickly identify and resolve potential issues, ensuring efficient and stable operation of the plant.

Operation Steps

Step 1: Click on 'O&M' ->'Plant Inspection', and query related plant inspection information according to the Inspection Period and Plant Name, with the option to add or delete inspection tasks.

₫	Home	Plant Inspection					
窗	Monitoring ~	Inspection Period E Start Date	~ End date Plan	It Name Please Enter	Search Reset		
۵	O&M ^	Create					
	Alarm Into	Plant Inspection Time 🗘	Plant Name	Health Degree 💠	Current State 77	Founder	Action
	Dispersion Rate Analysis	2024-06-12 10:50:12	微逆一拖一可攀性勿动	48	Completed	ceshi@grr.la	Ø
	Les Messesenet	2024-05-23 10:50:41	ceshi@gm.la2024-03-29	43	Completed	运维人员1号	
	Log Management	2024-05-09 16:22:31	jim-test-moniqi	60	Completed	ceshi@grr.la	Ð
	Management	2024-04-26 14:25:38	工商业光伏电站	5	Completed	ceshi@gm.la	۵
	Plant Inspection	2024-04-19 15:34:25	testyezhu4@bccto.cc2024-04-17	38	Completed	ceshi@grr.la	Đ
~	Report	2024-04-16 19:10:26	simulator002@grr.la2024-04-16	10	Completed	ceshi@grr.la	Đ
Ø	Service	2024-04-16 11:39:48	工商业光伏电站	5	Completed	ceshi@gm.la	Đ
		2024-04-16 11:39:39	微逆一拖一可靠性勿动	58	Completed	ceshi@grr.la	۵
		2024-04-16 11:39:35	模拟器电站	53	Completed	ceshi@grr.la	Đ
		2024-04-16 11:39:31	可靠性测试电站	62	Completed	ceshi@grr.la	۵
				Total 10 10/page 🗸	< 1 > Go to 1		





48 Plant Health	Plant Name:		
Info Adequacy Score for this item: 20 / 20 No abnormalities Meter Situation Meter Situation Score for this item: 1 / 20 Number of non meter devices 22 Device Offline Score for this item: 9 / 20 Number of devices offline for more than 24 hours 14			
Device SN	Device Name	Offline Duration (h)	Last Online Time
31801233100586	31801233100586	1903	2024-03-25 03:21:06
31901233500031	31901233500031	1903	2024-03-25 03:03:41
31701233800001	31701233800001	529	2024-05-21 09:29:55
Alarm Situation Score for this item: 0 / 20			

3.4 Report

The system presents complete statistical report data for plants.

3.4.1 Generation Report

Function Introduction

The system generates Daily, Monthly, and Annual power generation statistical reports for each plant and supports downloading and exporting.

Operation Steps

Step 1: Click on the 'Report ->Generation Report' menu to query the report information for all plants in the displayed list page.

2	Home					
		Generation Report				
畲	Monitoring	Plant Name Please Enter Re	eport Type Daily Report V St	becific Time Selection 🗮 2024-06-25	Search Reset	
۵	O&M	Export				
<u>~</u>	Report	Statistical Range	Plant Name	Full Load Hours (h) ≑	Generation Capacity (kWh) \Rightarrow	Total Generation Capacity(kWh) ≑
	Generation Report	2024-06-25	可靠性测试电站	0	0	48904.1
	Energy Storage Report	2024-06-25	模拟器电站	1.12	50.8	35867.4
	Inverter Report	2024-06-25	微逆一拖一可靠性勿动	0.08	2.7	13824.7
	Data Comparison	2024-06-25	weizhuce5@bccto.cc2024-06-13	2.4	2.4	176.4
	Revenue Report	2024-06-25	ceshi@gm.la2024-03-20	0	0	45.8
Ø	Service	2024-06-25	做逆发电量测试电站	0	0	40.6
		2024-06-25	chongfu150@bccto.cc2024-06-14	0.01	0.7	36.3
		2024-06-25	ceshi@grr.la2024-03-25	0	0	19.9
		2024-06-25	6133	0	0	0.1
		2024-06-25	绿色能源自用率测试电站	0	0	0.1
	_		Total 29	10/page < (1 2 3 >	Go to 1	

Step 2: First, select the target plant you want to query, choose the Daily/Monthly/Annual report and the Specific Time Selection, and the corresponding data report will be automatically displayed, with support for downloading and exporting.

3.4.2 Energy Storage Report

Function Introduction

The system generates Daily, Monthly, and Annual energy storage statistical reports for each plant and supports



downloading and exporting.

Operation Steps

Step 1: Click on the 'Report' ->'Energy Storage Report' menu to query the report information for all plants in the displayed list page.

۲	Home	Energy Storage Report					
ඛ	Monitoring	Plant Name Please Enter	Report Type Daily Report	Specific Time Selection	2024-06-25 Sear	ch Reset	
۵	O&M	Export					
<u>احد</u>	Report	Statistical Range	Plant Name	Charging Energy(kWh) 🗘	Discharging Energy(kWh) 💠	Total Charging Energy(kWh) 🗘	Total Discharging Energy(kWh) 🗘
	Generation Report	2024-06-25	微逆一拖一可靠性勿动	0	0	4.1	22
	Energy Storage Report	2024-06-25	ceshi@grr.la2024-03-25	0	0	3.8	3.6
	Inverter Report	2024-06-25	绿色能源自用率测试电站	0	0	2.3	0
	Data Comparison	2024-06-25	可維性测试电站	0	0	0.7	0.3
	Revenue Report	2024-06-25	ceshi@gm.la2024-03-20	0	0	0.3	0
ø	Service	2024-06-25	模拟器电站	0	0	0	1.1
		2024-06-25	ceshi@grr.la2024-03-29	0	0	0	0
		2024-06-25	ceshi@gm.la2024-04-02	0	0	0	0
		2024-06-25	ceshi@gm.la2024-04-03	0	0	0	0
		2024-06-25	工商业光伏电站	0	0	0	0
	Collapse			Total 29 10/page 🗸 🤇	1 2 3 > Go to 1		

Step 2: First, enter the target plant you want to query, choose the Daily/Monthly/Annual Report and the Specific Time Selection, and the corresponding data report will be automatically displayed, with support for downloading and exporting.

3.4.3 Inverter Report

Function Introduction

The system generates Daily, Monthly, and Annual statistical reports for inverter device at each plant and supports downloading and exporting.

Operation Steps

Step 1: Click on the 'Report' ->'Inverter Report' menu to query the report information for all plants in the displayed list page.

₫	Home	Inverter Report						
畲	Monitoring	Device SN Please Enter	Report Type Dai	ly Report V	cific Time Selection 2024-06-	25 Sear	ch Reset	
۵	O&M	Device Type Please Select	> Plant Name Pl	ease Enter				
<u>~</u>	Report	Export						
	Generation Report	Statistical Range	Device Name	Device SN	Device Type	Plant	Generation Capacity (kWh)	Total Generation Capacity(kWh) 🕀
	Energy Storage Report	2024-06-25	20301241500024	20301241500024	String Inverter	可靠性测试电站	0	43510.9
	Inverter Report	2024-06-25	10200054612122	10200054612122	Energy Storage Inverter	權拟器电站	51.2	16437.2
	Data Comparison	2024-06-25	30301233800002	30301233800002	Microinverter	微逆一拖一可靠性勿动	0	10103.1
	Revenue Report	2024-06-25	10201232400034	10201232400034	Energy Storage Inverter	模拟器电站	0	3247.2
ø	Service	2024-06-25	31801113800002	31801113800002	Microinverter	微逆一拖一可靠性勿动	0.85	578.7
		2024-06-25	31801240900012	31801240900012	Microinverter	微逆一拖一可靠性勿动	0.56	459.1
		2024-06-25	30202348800112	30202348800112	Microinverter	模拟器电站	0.19	436.5
		2024-06-25	31801240200416	31801240200416	Microinverter	微逆一拖一可靠性勿动	0	370.6
		2024-06-25	31901233400017	31901233400017	Microinverter	可鄉性测试电站	0	329.8
		2024-06-25	31901241000049	31901241000049	Microinverter	截逆—拖—可靠性勿动	0	327.7
				Total 51 10/page	< 1 2 3 4	5 6 > Go to 1		

Step 2: Enter the Device SN, Device Type, Plant Name you want to query, choose the Daily/Monthly/Annual Report and the Specific Time Selection, and the corresponding data report will be automatically displayed, with support for downloading and exporting.

3.4.4 Data Comparison

Function Introduction

By selecting key operating parameters of different plants or specific device, intuitive curve charts are generated for comparative analysis, which quickly identifies performance differences, assesses efficiency changes, and provides data support for optimizing operational decisions.

Operation Steps

Step 1: Click on the 'Report' -> 'Data Comparison', adjust the left parameter options according to the plant, SN/Device Name, and by checking the parameters, the corresponding parameter curves will be displayed on the right. Step 2: Click the 'Export' button in the upper right corner to export the current selected parameter information.



3.4.5 Revenue Report

Function Introduction

Display the revenue information of plants with revenue on the current day.

Operation Steps

Step 1: Click on the 'Report' -> 'Revenue Report', and you can query the revenue information of the relevant plants according to the Plant Name, Report Type, and Specific Time Selection.

Step 2: Click the 'Export' button in the upper left corner to export all the revenue information of the plants under the current query conditions.

0	Home	Revenue Report				
ඛ	Monitoring	Plant Name Please Enter	Report Type Daily Report ~	Specific Time Selection 🗇 2024-06-25	Search Reset	
۵	O&M ~~	Export				
~	Report	Plant Name	Revenue 0	Currency	Contribution Method	Plant Address
	Generation Report	模拟醋电站	13.17	CNY	Full Payment by Owner	中国浙江省杭州市西湖区浙江省杭州市西湖区
	Energy Storage Report	微逆一拖一可靠性勿动	2.73	CNY	Full Payment by Owner	中国浙江省杭州市西湖区杭州市西湖区320国
	Inverter Report	chongfu150@bccto.cc2024-06-14	0.70	CNY	Full Payment by Owner	
	Data Comparison					
	Revenue Report					
Ø	Service					
	E Collapse			Total 3 10/page - C 1 - G	io to 1	

3.4.5 Revenue Report

Function Introduction

Display the revenue information of plants with revenue on the current day.

Operation Steps

Step 1: Click on the 'Report' -> 'Revenue Report', and you can query the revenue information of the relevant plants according to the Plant Name, Report Type, and Specific Time Selection.

Step 2: Click the 'Export' button in the upper left corner to export all the revenue information of the plants under the current query conditions.

۲	Home		Revenue Report O				
窗	Monitoring	*	Plant Name Please Enter	Report Type Daily Report -	Specific Time Selection 😂 2024-06-25	Search Reset	
۵	O&M		Export				
~	Report		Plant Name	Revenue 0	Currency	Contribution Method	Plant Address
	Generation Report		模拟體电站	13.17	CNY	Full Payment by Owner	中国浙江曾杭州市西湖区浙江曾杭州市西湖区
	Energy Storage Report		微逆一拖一可帶性勿动	2.73	CNY	Full Payment by Owner	中国浙江省杭州市西湖区杭州市西湖区320图
	Inverter Report		chongfu150@bccto.cc2024-06-14	0.70	CNY	Full Payment by Owner	
	Data Comparison						
	Revenue Report						
ø	Service						
					Total 3 10/page - C 1 - Go	to 1	
	Collapse				harmonic and the second s		

3.5 Service

Provides users with various service functions or tools, such as Upgrade Task Management, Plant Management, Device Management, etc.

3.5.1 Upgrade Task Management

Function Introduction

After users receive software package update notifications, they can create upgrade tasks through the device upgrade function to perform remote upgrade operations on device.

Prerequisite

1. Plant creation has been completed (including the addition of communication devices with 14 bits SN, including DCSs or DMUs);

2. The device firmware package has been uploaded in the firmware management.

Operation Steps

Step 1: Click on the 'Service' ->'Upgrade Task Management' menu, and you can query all upgrade tasks in the displayed list page.

9	Home		Upgrade Task Manage	ment							
畲	Monitoring	~	Upgrade Date Range	Start Date ~	End date Up	grade Firmware Please E	inter	Search Reset			
۵	0&M	~	Create Delete								
<u>~</u>	Report	~	Update time 💠	Device Type	Upgrade Firmware	Firmware Package N	Firmware Package Size	Task Status ₽	Upgraded By	Update Time 💠	Action
\otimes	Service	^	2024-06-25 09:34:19	Hybrid Inverter	V02.03.06.26	QYNTEST_SYS_NOR	458.35K	Failed	ceshi@grr.la	2024-06-25 09:34:19	
	Upgrade Task Management		2024-06-25 09:32:16	Data Communication	V01.03.01.69	DCS_V0-H-V01.03.01	176.72K	Failed	ceshi@grr.la	2024-06-25 09:50:00	
	Plant Management		2024-06-24 17:37:01	Hybrid Inverter	V02.03.069%NTEST_SYS_N	ORMATESTELSYS_NOR26-	02435.35K1.03.bin	Failed	ceshi@grr.la	2024-06-24 17:37:01	
	Device Management		2024-06-24 16:30:05	Hybrid Inverter	V02.03.06.26	QYNTEST_SYS_NOR	458.35K	Failed	ceshi@grr.la	2024-06-24 16:30:05	
	Organization Management		2024-06-24 14:19:44	Hybrid Inverter	V02.03.06.26	QYNTEST_SYS_NOR	458.35K	Failed	ceshi@grr.la	2024-06-24 14:19:44	
	Contact Us		2024-06-24 14:14:20	Hybrid Inverter	V02.03.06.26	QYNTEST_SYS_NOR	458.35K	Failed	ceshi@grr.la	2024-06-24 14:14:20	
			2024-06-21 17:29:38	Micro Inverter	V01.02.09.0D	MI_1to2_1000W_4105	95.91K	Success	ceshi@grr.la	2024-06-21 17:47:32	
			2024-06-21 17:07:14	Micro Inverter	V02.FF.09.06	MI_1to4_2000W_1.45t	100.16K	Success	ceshi@grr.la	2024-06-21 17:14:46	
			2024-06-21 10:26:22	Data Communication	V01.04.01.70	DCS_V0-H2-V01.04.0	181.33K	Success	ceshi@grr.la	2024-06-21 10:30:23	
			2024-06-21 10:06:42	Data Communication	V01.04.01.70	DCS_V0-H2-V01.04.0	181.33K	Created	ceshi@grr.la	2024-06-21 10:06:43	@ ₫
	Collapse				Total 468	10/page v <	2 3 4 5	6 ··· 47 >	Go to 1		

Step 2: Click the add button to add a new upgrade task, select the Device Type, Upgrade Range, Upgrade Firmware, Upgrade Mode (Upgrade Now, Timed Upgrade), and click 'Finish'.

< Add Upgrade Task

Finish

* Device Type	Please Select	
* Upgrade Range	Please Select	
* Upgrade Firmware	Please Select	
irmware Package Size	-	
mware Fixing Content	-	

The upgrade process may interrupt the operation of the device. Please make sure you have obtained user authorization.



Step 3: Click on the upgrade task details page to view the Task Details, Task Status, and Upgrade Log information of the upgrade task.

< Upgrade Task Details

Number of Successful	Devices PCS Number of Failed Devices PCS	Number of Upgrading Devicespcs
Device Type	Hybrid Inverter	
Upgrade Range	102000000026	
Upgrade Firmware	V02.03.06.26	
Firmware Package Name	QYNTEST_SYS_NORMA_V02MCU-V02.03.06.26-2024.05.20_	
Firmware Package Size	458.35K	
Firmware Fixing Content	Self-test different hardware platforms combined package a	
Upgrade Mode	Upgrade Now 🗸	
Update time	2024-06-25 09:34:19	
Upgraded By	ceshi@grr.la	
Task Status	Failed	

Constraints

Delete, Batch Delete: Tasks that are in the running or completed state cannot be deleted.

Edit: You can only edit tasks that have been created.

3.5.2 Plant Management

Function Introduction

Users can centrally manage multiple plants and can perform add, delete, modify, and query operations on plants.

Prerequisite

Plant creation has been completed.

Operation Steps

Step 1: Click on the 'Service' ->'Plant Management' menu, and you can query all plant data in the displayed list page.

٩	Home		Plant Management								
圙	Monitoring		Plant Name Please Enter	Plan	Please Select	✓ Search	Reset				
۵	O&M		Create Plant								
<u>~</u>	Report	~	Plant Name	Plant Status	Owner	Organization	Photovoltaic installe	Energy Storage Cap	Update Time	Creation Time	Action
0	Service	~	hyxitemp4@bccto.cc2024-06	Unfinished		111	0.00kWp	0.00kWh	2024-06-25 09:46:59	2024-06-25 09:46:31	_ ₫
	Upgrade Task Management		159468790392024-06-22	Offline	15946879039	111	0.00kWp	0.00kWh	2024-06-22 11:03:43	2024-06-22 10:58:53	<u>0</u>
	Plant Management		hyxitemp4@bccto.cc2024-06	Offline	m17621900629@163	111	0.00kWp	0.00kWh	2024-06-20 16:23:00	2024-06-20 16:22:53	<u>@</u>
	Device Management		weizhuce10@bccto.cc2024-0	Offline	weizhuce10@bccto.cc	111	0.00KWp	0.00kWh	2024-06-19 16:39:31	2024-06-19 16:38:53	2
	Organization Management		weizhuce10@bccto.cc2024-0	Offline	weizhuce10@bccto.cc	111	0.00kWp	0.00kWh	2024-06-19 16:36:48	2024-06-19 16:35:57	<u>0</u>
	Contact Us		weizhuce@bccto.cc2024-06-17	Offline	weizhuce@bccto.cc	111	0.00kWp	0.00kWh	2024-06-25 09:35:03	2024-06-17 11:03:13	0
			组串发电量	Offline	ceshi	111	0.00kWp	0.00kWh	2024-06-14 16:27:36	2024-06-14 16:18:53	<u>@</u>
			chongfu150@bccto.cc2024-0	Normal	ceshi	111	0.00kWp	0.00kWh	2024-06-25 10:35:04	2024-06-14 15:38:54	<u>0</u>
			微逆发电量测试电站	Offline	ceshi	111	0.00kWp	0.00kWh	2024-06-20 16:18:04	2024-06-14 11:51:30	2
			weizhuce5@bccto.cc2024-06	Normal	weizhuce5@bccto.cc	111	0.00KWp	0.00kWh	2024-06-24 17:13:49	2024-06-13 15:09:34	<u>@</u>
	_				Total	36 10/page ~	< 1 2 3 4	> Go to 1			
	Collapse										

Step 2: Click the 'Create Plant' button, and the pop-up create plant page will appear, which is the same as creating a plant in 3.2.1.

Constraints

Delete, Batch Delete: Before deleting the plant, unbind all devices;

Edit: The function page is the same as the creation of the plant, except for the owner information, can be edited;

3.5.3 Device Management

Function Introduction

View the communication status and basic information of all communication devices in the plant. Users can Add Device, Unbind Device, and perform On-grid Configuration operations as needed.

Prerequisite

Plant creation has been completed and communication devices, including DCSs or DMUs, have been added.

Operation Steps

Step 1: Click on the 'Service' ->'Device Management' menu, and you can query all communication device data in the displayed list page.

Step 2: Click the 'Delete' button to unbind the communication device from the current plant.

Step 3: Click the 'Add Device' button, and you can bind the communication device with the plant by entering the SN number, device type, binding plant, and device name.

Step 4: Check the device and click the 'On-grid Configuration' button to perform on-grid configuration operations on the selected device.

9	Home	Device	Management							
圙	Monitoring	Device S	N Please Enter	Search Re	eset					
۵	O&M	Add	Device On-grid Config							
~	Report		Device Name	Device SN	Status 🖓	Туре	Plant Name	Owner	Creation Time ≑	Action
\otimes	Service		60100000000050	6010000000050	Offline ()	Wi-Fi	simulator002@grr.la2024	模拟器业主	2024-04-25 10:54:56	٥
	Upgrade Task Management		60101232500008	60101232500008	Offline	Wi-Fi	微逆—拖—可靠性勿动	ceshi	2024-04-27 15:49:17	۵
	Plant Management		60101234700053	60101234700053	Offline ()	WI-FI	微逆一拖一可靠性勿动	ceshi	2024-05-09 16:18:25	۵
	Device Management		60101241300070楼顶挂机	60101241300070	Normal	WI-FI	微逆一拖一可靠性勿动	ceshi	2024-06-14 15:03:03	۵
	Organization		60123456781000	60123456781000	Normal	Wi-Fi	jim-test-moniqi	jim	2024-04-28 13:53:15	٥
	Contact Us		模拟器	6020000000388	Normal	Wi-Fi	模拟器电站	模拟器业主	2024-03-08 13:48:45	Ō
			6020000000800	6020000000800	Offline	4G	ceshi@grr.la2024-04-03	模拟器业主	2024-04-25 16:36:36	٥
			6020000000888	6020000000888	Offline	4G	ceshi@grr.la2024-03-20	13709270563	2024-06-18 13:45:33	0
			6070000000010	60700000000010	Normal	Wi-Fi	weizhuce@bccto.cc2024	weizhuce@bccto.cc	2024-06-22 15:26:32	٥
			6070000000026	6070000000026	Normal	WI-FI	可靠性测试电站	13097473163	2024-06-17 15:55:00	0
					Total 57 10/page	· · · · · · · · · · · · · · · · · · ·	3 4 5 6 >	Go to 1		



HYX	iPOW	ER
		>

9	Home		< Choose (On-grid Sta	andard Co	de (60701232400034) Note	: All inverters	under this communication device will b	e set up for batch grid-connection.			
圙	Monitoring	~			Devices	10201232400034		Read				
۵	O&M		* On-grid Stand	dard Docum	ent Name			Select				
			Parameter	Config								
∟~	Report	~	Parameter	Name	Please Enter	Search	Reset					
0	Service	~	SN	Parameter N	lame	Parameter Group -		Parameter values	Unit	Paramete	r Range	Action
	Upgrade Task Management											
	Plant Management											
	Device Management											
	Organization Management											
	Contact Us								No Data			
	E Collapse		Send									

3.5.4 Organization Management

Function Introduction

Organization Person in Charge and Administrators can manage organizations and members according to business needs, maintain organization information, view role introductions, and view the organization's default electricity prices, etc.

Prerequisite

The user has registered an organization account.

Operation Steps

Step 1: Click on the 'Service' ->'Organization Management' menu, and you can query all member data under the organization in the displayed list page.

◙	Home		Organization Management				
圙	Monitoring	~	Member List Organization Info Role D	escription Organizational Default Electricity Pri	ce		
۵	O&M	~	111 (Organization code: 24030016)				
١~	Penort		Add member				
-	Report		Name	Contact Number	Email	Role	Action
0	Service	^	552		yunweihyxi@bccto.cc	O&M Personnel	_ ₫
	Upgrade Task Management		sfs		chongfu5445@bccto.cc	Administrator	_ □
	Plant Management		qyn		qyntest34@bccto.cc	Sales	∠ ū
	Device Management		15957133185	15957133185	hyx0529@bccto.cc	Administrator	_ ū
	Organization Management		运维人员1号		maintenance001@grr.la	O&M Personnel	⊿ ⊡
	Contact Us		管理员01		manager01@grr.la	Administrator	_ 0
			ceshi@grr.la	19357366189	ceshi@grr.la	Person in Charge	
	Collapse			Total	7 10/page < 1 > Go to	2 1	

Step 2: Click the 'Add Member' button, enter the member's Name, Role, Phone Number/Email, Linked Plants in the pop-up page, check Send an SMS or email to notify the member, click 'Create Account', and the system will send an SMS/email with an initial password.



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Step 3: Click on the organization information to display the organization's Logo, Organization Name, Name of the Person in Charge, Contact Email, Phone Number, Organization Code (unchangeable), and click the 'Modify Information' button to modify the relevant information.

Step 4: Click on the role introduction to help Person in Charge or Administrators understand the definition and authority range of organization member roles.

Organization	Management		
Member List	Organization Info	Role Description	Organizational Default Electricity Price
Person The person in	In Charge	m permission of the o	organization and there is only one person in charge of the organization.
Adminis Organization	trator daily manager added by	the person in charge (of the organization with the permissions of monitoring, oO&M, report, service and other management functions.
O&M Pe	ersonnel iel can perform O&M, up	grades and other relat	ited operations on the linked plants and devices in the organization.
Installer Installer can o	create, debug, bind, and	perform other related	operations on the linked plants and devices in the organization.
Sales Sales can on	y view the plants and de	vices within the organ	lization.

Constraints

Editing: cannot edit themselves, cannot edit the Person in Charge;

Delete: cannot delete themselves, cannot delete the Person in Charge;

3.5.5 Contact Us

Function Introduction

Provides users with contact channels to reach Hyxi Technology.

Operation Steps

Step 1: Click on the 'Service' ->'Contact Us' menu, and you will be directed to the contact us section of Hyxi Technology's

official website, where you can view the relevant contact information.



If you have any questions, you can f	ill in the form below and leave us a message. We w	ill reply to you within 3 working days.
* Full name	* Telephone	* Mailbox
Please enter your name	Please enter a phone number	Please enter email
* Message content		
Please enter what you want to say		