

INSTALLER MANUAL

EnerVu

ESS Web Monitoring
System

Please read this manual carefully and retain it for future reference.

Getting Started

LG ESS Products are designed to collect information of ESS status and send it to EnerVu server. So that user can monitor the ESS status not only in the LCD display of the power conditioning system but also web browser on your PC or Mobile device through the internet.

How to connect the EnerVu web site

- 1** On your internet-connected PC or Mobile device, open a browser such as Google Chrome.
- 2** On your browser, visit LG EnerVu page at <http://enervu.lg-ess.com>. The EnerVu main page appears on the screen as below.

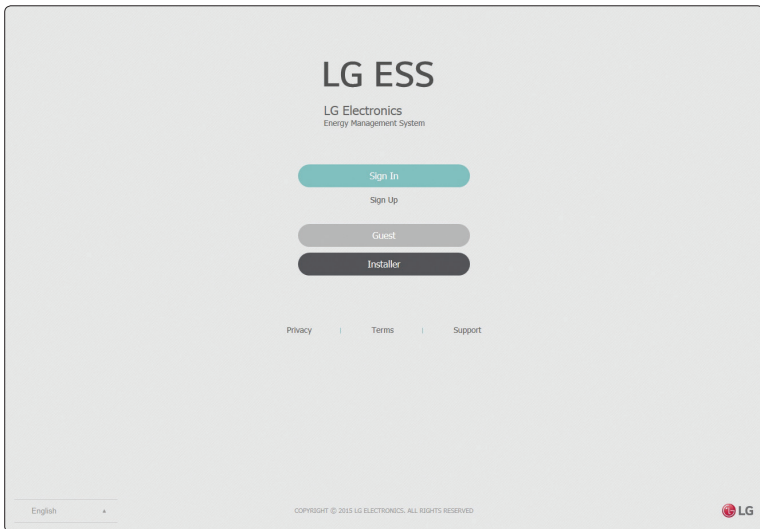
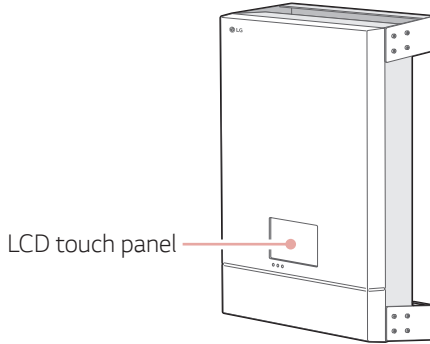


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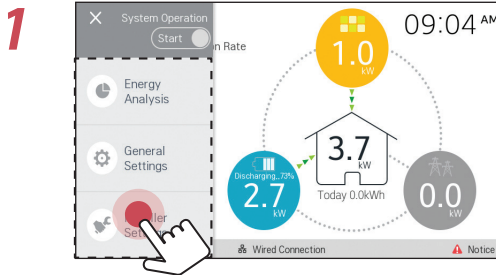
LCD touch panel Settings

To monitor the ESS information through the EnerVu web monitoring system, the installer must set several settings on the LCD touch panel when installing the ESS system.

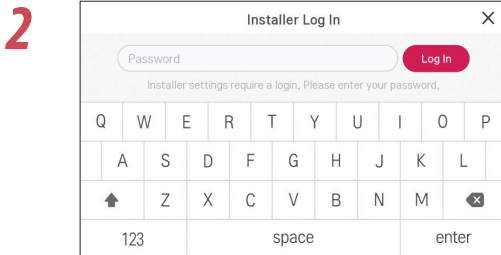


Internet Connection

If there is a DHCP server on the local area network (LAN) via wired connection, the system will be automatically allocated an IP address. After making the physical connection, a small number of home networks may require the network setting to be adjusted.



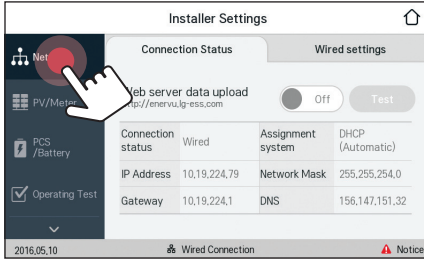
Tab [☰] on the main screen and tab [Installer Settings] option.



[Installer Log In] menu appears on the screen.

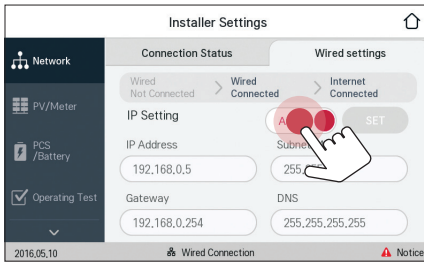
Input installer password and tab [LOG IN] to enter [Installer Settings] menu.

3



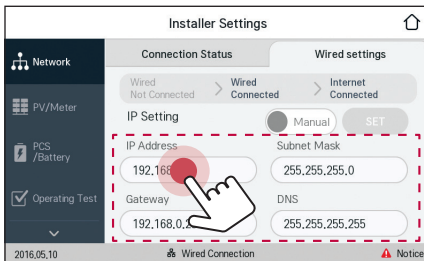
Tab [NETWORK] on [Installer Settings]. Current status of the network connection is displayed.

4



Tab [Wired Settings]. Wired connection options are displayed. If [IP Setting] option in [Wired Settings] tab is set to [Auto], this product will be automatically allocated an IP address from local area network (LAN) via wired connection. You may need to set network connection manually depending on the network conditions. In this case, tab [Auto] to change to [Manual].

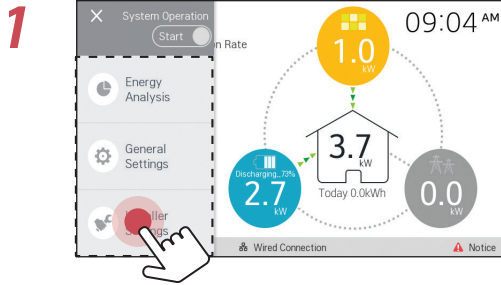
5



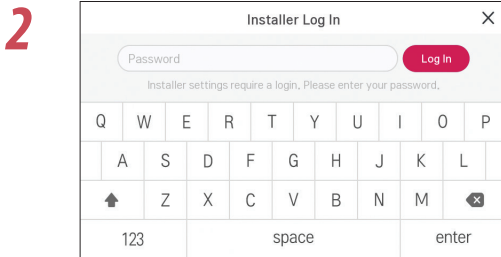
Fill in [PMS IP address], [Subnetmask], [Basic gateway] and [DNS address] option manually.

Web data upload setting

When the internet connection is completed, installer need to set the [Web server data upload] option in the LCD display panel. To monitor the ESS in EnerVu web monitoring system, the [Web server data upload] setting must be set to [On].

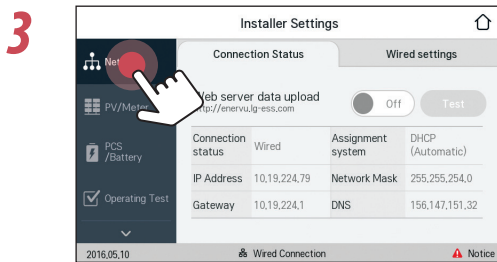


Tab [☰] on the main screen and tab [Installer Settings] option.



[Installer Log In] menu appears on the screen.

Input installer password and tab [LOG IN] to enter [Installer Settings] menu.



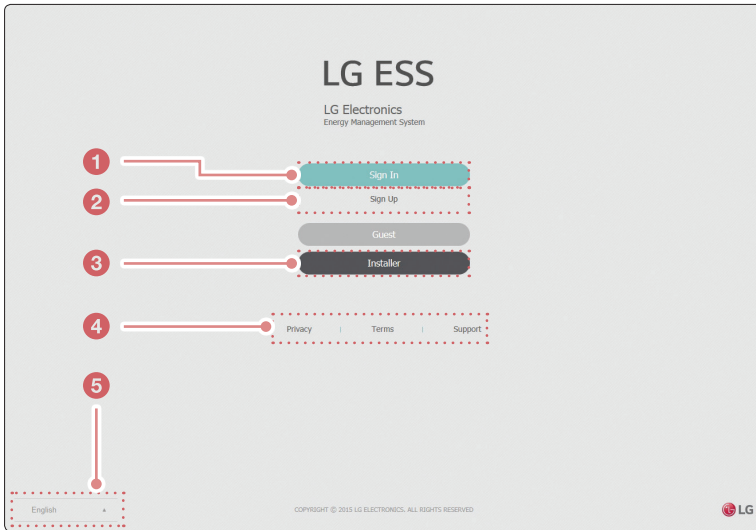
Tab [NETWORK] on [Installer Settings]. Current status of the network connection is displayed.

If you want to connect the EnerVu server, tab [Web server connection] to change to [On].

Tab [Web server connection] again for turning off the option.

Tab [Test] to check the server connection.

Sign In Page

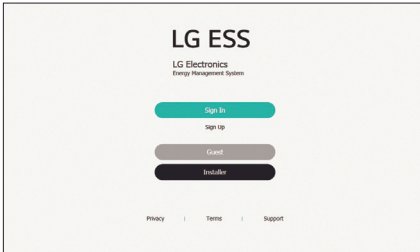


- 1 Select this button to move to the owner sign in page.
- 2 Moves to the new owner account creation page. Refer to page 11 for more information of owner account creation.
- 3 Moves to the [Installer Sign In] page. If you do not have an installer account, select [Sign Up] button in the [Installer Sign In] page. Refer to page 8 for more information of installer account creation.
- 4 Select [Privacy], [Terms] or [Support] to show corresponding page in a new browser.
- 5 Select a language. [English] and [Deutsch] are available for the selection. The default language is [English].

Creating an installer account

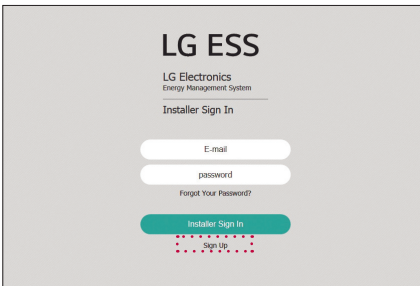
To monitor and manage ESS systems, installer need to create an EnerVu installer account.

1



On your browser, visit LG EnerVu page at <http://enervu.lg-ess.com>. Select [Installer]. The [Installer Sign In] page appears.

2



Select [Sign Up]. The [Sign Up] page appears.

3

Enter the installer's first name and last name and fill your mail address in [Email] field and select [Check].

And then fill the [First Name] and [Last Name] fields.

A screenshot of the "Sign Up" page. The page has a header "Sign Up" and a section titled "User Registration". Below this, there is a red dotted border enclosing the registration form. The form contains three input fields: "Email", "First Name", and "Last Name". A "Check" button is located next to the "Email" field. Below the "Email" field, there is a "sign up" button with a red dotted border around it.

4 Fill the required information on [Company Detail] section.

Company Details

Company Name *	<input type="text"/>	Country *	Deutschland <input type="button" value="v"/>
Address 1 *	<input type="text"/>	Address 2 *	<input type="text"/>
City *	<input type="text"/>	State/Province *	Baden-Württemberg <input type="button" value="v"/>
Zip/Postal *	<input type="text"/>	Phone	<input type="text"/>
Company Email	<input type="text"/>	Website	<input type="text"/>
Time Zone	(UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna <input type="button" value="v"/>		

5 And then read the [Installer terms] and [Installer Privacy Policy] carefully. If you agree with every terms and policies, click [I Agree] check box in each section. [Submit] button appears on the screen.

Select [Submit] to complete creating an installer account.

Installer Terms

LGE Solar Services Terms of Use (Installer)

1. Introduction
2. Eligibility
3. Registration and Accounts
4. Your Information and Content

I agree

Installer Privacy Policy

LGE Solar Panel Services Privacy Policy (Installer)

1. Introduction
2. What information does LGE obtain?
3. How will LGE use the information it obtains?
4. Information Sharing

I agree

When you forgot your password

If you forgot your password, proceed the password reset steps described as below.

1

On your browser, visit LG EnerVu page at <http://enervu.lg-ess.com>. Select [Installer]. The [Installer Sign In] page appears.

2

Select [Forgot your Password?]. The [Password Reset] page appears.

3

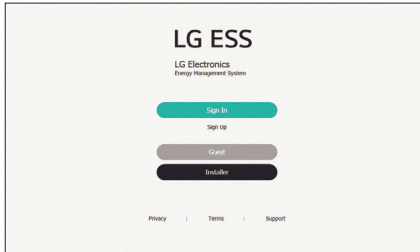
Enter your account e-mail address in the [Email] field. The instructions of password reset will be sent to your e-mail address.

Follow the instructions of reset password.

Creating an owner account

To activate an ESS on EnerVu web monitoring system, ESS owner must create an owner account. Installer need to guide how to create an owner account and the owner's e-mail address is needed for system activating.

1



On your browser, visit LG EnerVu page at <http://enervu.lg-ess.com>.

Select [Sign Up]. The service agreement page appears.

2

Read the terms, conditions and privacy policy carefully.

If you agree with every term and condition, click the [I Agree] check box and select [AGREE]. The account creation page appears.

Accept Terms & Conditions >> Create Account >> E-mail confirmation >> Confirm LG Account

▼ TERMS OF SERVICE

Read and accept the Terms & Conditions and Privacy Policy.

LG Account
Terms of Use

Servicebedingungen für das LG-Konto

Artikel 1. Zweck

Diese Servicebedingungen (die „Servicebedingungen“) legen die Rechte und Pflichten von LG Electronics Inc. (das „Unternehmen“) und des LG-Kontenmitglieds in Bezug auf die Verwendung eines vom Unternehmen bereitgestellten „LG-Konto“-Service sowie andere grundlegende Bestimmungen fest, wie die allgemeinen Nutzungsbedingungen des vom Unternehmen mit einer ID und einem Kennwort bereitgestellten Service und relevante Verfahrensweisen für die Nutzung.

I Agree

AGREE LATER

3

Fill your mail address in [User ID] field and select [CHECK AVAILABILITY]. Fill in [Password], [Password confirm] and [Birthday] fields and select [CONFIRM]. The e-mail confirmation page appears.

Accept Terms & Conditions Create Account E-mail confirmation Confirm LG Account

• CREATE LG ACCOUNT

User ID:

Password:

Password confirm:

Birthday: Day Month Year

Country: Germany

E-mail opt-in: Sign up to receive the latest news and special offers from LG. You will be notified of important changes to the service Terms & Conditions and Privacy Policy regardless of your opt-in setting.

4

A confirmation e-mail will be sent to your e-mail address. On your e-mail, select [CONFIRM] to complete the e-mail confirmation.

LG ACCOUNT

LG Account e-mail authentication

Dear [\[redacted\]@example.com](#)

Thank you for creating an LG Account.
Please click [Confirm] button below to complete the registration process.
Failure to confirm your e-mail account within 48 hours will result in account deletion. If so, you will have to start over the membership sign up process and receive a new verification e-mail.

Authentication expiration date: 12-09-2015 04:12:15 [GMT+01:00 Berlin]

5 On the account creation page, select [CONFIRM] to complete creating your account.

▼ **EMAIL CONFIRMATION**

LG Account created.

A confirmation e-mail has been sent to [hanspud15@naver.com].
Check your e-mail to verify and confirm your LG Account.
Any new accounts with Emails that are not verified within 48 hours of sign-up will be deleted.

※ Please check the spam folder of your email if you do not see the verification email in your inbox.

CONFIRM

6 Select [SIGN IN] to go to the [SIGN IN WITH LG ACCOUNT] page.

○ **CONFIRM LG ACCOUNT**

LG Account creation complete.

Various services of LG Electronics can be accessed using a single LG Account.
Please sign in from the service you initially signed up.

SIGN IN

7 Input your [User ID] and [Password] and select [SIGN IN].
Available LG account services are displayed on the screen.

○ **SIGN IN WITH LG ACCOUNT**

Experience a variety of LG services with your LG Account.

• User ID

• Password

Remember my ID

SIGN IN

Main Page

The screenshot shows the LG ESS Main Page dashboard. At the top, there is a header bar with the LG ESS logo on the left and location/weather information (Dietrich, DE, 6:23 PM, 43.05 °C) on the right. Below the header, there are navigation tabs: Dashboard (highlighted with a red circle 3), System, Activation, and Account. The main content area is divided into several sections:

- Activation List:** A table with columns 'Name' and 'Stage'. It contains three rows: 'ls_test' (PV Info. Entered), 'test_UBIS' (PV Info. Entered), and 'test' (PV Info. Entered). Below the table are links for 'Add a New System' and 'Go To Activating List'.
- Event List:** A table with columns 'Name' and 'Status'. It contains three rows, all with 'BMS CAN Communication Fault' status. Below the table is a link for 'View all System'.
- Send Mail:** A form with the text 'Send Joining Guide Email to End User' and a 'Send' button.
- Total Product:** A table showing various product metrics:

PV Total Capacity	31.6 MW
PV Generation Today	76.2 kWh
PV Generation Lifetime	118 MWh
Battery Total Capacity	119 kWh
Battery Charge Today	48 Wh
Battery Charge Lifetime	28.1 MWh
Battery Discharge Today	0 Wh
Battery Discharge Lifetime	24.9 MWh

 Below the table is a link for 'View all System'.
- System Find:** A search form with a 'Find System Name' input field and a 'Find' button.

At the bottom of the page, there is a footer bar with links for 'Privacy', 'Terms', and 'Support' (highlighted with a red circle 4), and a language selection dropdown menu set to 'English' (highlighted with a red circle 5). The footer also contains the copyright notice: 'COPYRIGHT © 2015 LG ELECTRONICS. ALL RIGHTS RESERVED'.

- 1 Location and weather information
- 2 Installer and company information
- 3 Main menu tabs
- 4 Select [Privacy], [Terms] or [Support] to show corresponding page in a new browser.
- 5 Select a language. [English] and [Deutsch] are available for the selection. The default language is [English].

Dashboard page

The screenshot shows a dashboard with the following components and callouts:

- 1**: A red dashed box highlights the '+ Add a widget' button in the top right corner of the dashboard.
- 2**: A red dashed box highlights the 'Activation List' widget, which contains a table with columns 'Name' and 'Stage' and rows for 'test', 'test_0315', and 'test'.
- 3**: A red dashed box highlights the 'Event List' widget, which contains a table with columns 'Name' and 'Status' and rows for 'repeater'.
- 4**: A red dashed box highlights the 'Send Mail' widget, which has a text input field and a 'Send' button.
- 5**: A red dashed box highlights the 'Total Product' widget, which contains a table with columns for various product metrics and their values.
- 6**: A red dashed box highlights the 'System Find' widget, which has a text input field and a 'Find' button.

- 1 Add a widget
- 4 Send Mail
- 2 Activation List
- 5 Total Product
- 3 Event List
- 6 System Find

Show/Hide widgets

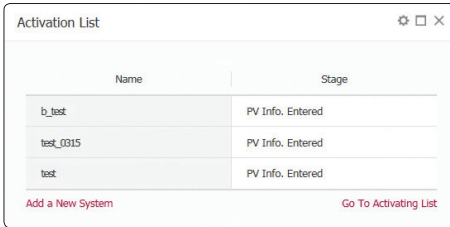
- 1 Select the [Add a widget] button to show all the widget name.
- 2 You can show or hide specific widget by selecting [Add] or [Eject] button.

The close-up shows a menu with the following items:

- Activation List (Eject)
- Event List (Eject)
- Send Mail (Add)
- Total Product (Add)
- System Find (Add)
- + Add a widget

Activation List

Shows a list of system activations that are in process.



Name	Stage
b_test	PV Info. Entered
test_0315	PV Info. Entered
test	PV Info. Entered

Add a New System Go To Activating List

Add a New System : Directly goes to the [Add a New System] page. (page 29)

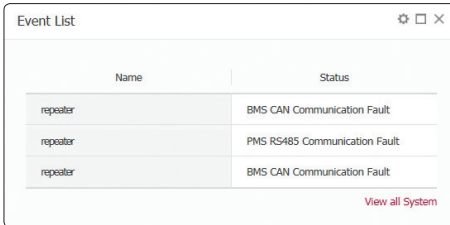
Go to Activating List : Directly goes to the [In Process] page. (page 28)

 : Minimize or Restore widget size.

 : Displays the widget setup.

Event List

Shows a list of system logs such as warnings and faults.



Name	Status
repeater	BMS CAN Communication Fault
repeater	PMS RS485 Communication Fault
repeater	BMS CAN Communication Fault

View all System

View all System : Directly goes to the [System] page. (page 18)

 : Minimize or Restore widget size.

 : Displays the widget setup.

Send Mail

Send an e-mail of EnerVu web monitoring service guide to an ESS owner.

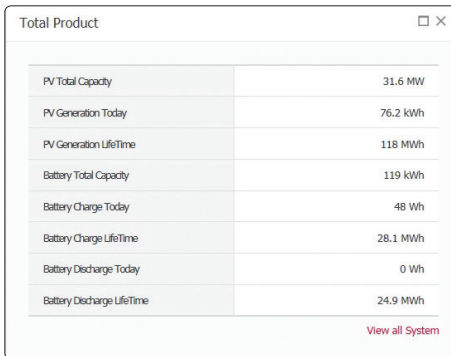


The 'Send Mail' dialog box features a title bar with a close button. Below the title bar, the text 'Send Joining Guide Email to End User' is displayed above a text input field. To the right of the input field is a 'Send' button.

Input an e-mail address of ESS owner and select [Send] to send the guide Email.

Total Product

Shows various information of all systems activated in my account.



The 'Total Product' table displays the following data:

Metric	Value
PV Total Capacity	31.6 MW
PV Generation Today	76.2 kWh
PV Generation LifeTime	118 MWh
Battery Total Capacity	119 kWh
Battery Charge Today	48 Wh
Battery Charge LifeTime	28.1 MWh
Battery Discharge Today	0 Wh
Battery Discharge LifeTime	24.9 MWh

View all System

View all System : Directly goes to the [System] page. (page 18)

System Find

Input a system name and select [Find] to find the system.



The 'System Find' dialog box features a title bar with a close button. Below the title bar, the text 'Find System Name' is displayed above a text input field. To the right of the input field is a 'Find' button.

The system will be displayed on the widget. Select the system name to move to the system state page directly.

System Page

Status	Name	State/Prov	PV Energy (Current)	Consumption Energy (Current)	7day PV Energy (Average)	7day Consumption Energy (Average)	Total PV Energy (Average)
ESS Not Reporting	bylee	Baden-Württemberg	0 Wh	0 Wh	0 Wh	0 Wh	6.19 kWh
ESS Not Reporting	ms.jung	Baden-Württemberg	0 Wh	0 Wh	0 Wh	0 Wh	0 Wh
Fault	Energy_Conference_KINTEX	Berlin	0 Wh	0 Wh	0 Wh	0 Wh	0 Wh
ESS Not Reporting	LC_ESS_DEVU_1	Baden-Württemberg	0 Wh	0 Wh	0 Wh	0 Wh	47.8 kWh
ESS Not Reporting	sample_ID	Baden-Württemberg	0 Wh	0 Wh	0 Wh	0 Wh	0 Wh
Normal	new living room	Baden-Württemberg	0 Wh	2.68 kWh	10.8 kWh	3.36 kWh	0 Wh
Fault	repeater	Baden-Württemberg	0 Wh	0 Wh	0 Wh	0 Wh	8.47 kWh
Normal	MS.Joung	Baden-Württemberg	0 Wh	0 Wh	0 Wh	0 Wh	1.29 kWh
Normal	test	Baden-Württemberg	0 Wh	0 Wh	0 Wh	0 Wh	13.1 kWh
ESS Not Reporting	FRAL_NORM_VERL_0066	Baden-Württemberg	0 Wh	0 Wh	0 Wh	0 Wh	3.52 kWh

When you select the [System] in the main page. Goes to the system page and display a list of every system that are activated in your installer account.

Select a system name on the list to goes to the system state page of the selected system.

The screenshot shows the 'System State' page for a selected system. On the left, a dark sidebar contains five red circular callouts with numbers 1 through 5, pointing to the following menu items: 1. System, 2. Analysis, 3. Report, 4. Event, and 5. User View. The main content area displays 'Current State' with weather information for Berlin, DE (7°C/45°F), a location map, a 'System Log' section showing 0 faults and 0 warnings, and a 'System OverView' section with the last report time of 2016-05-15 08:30:00.

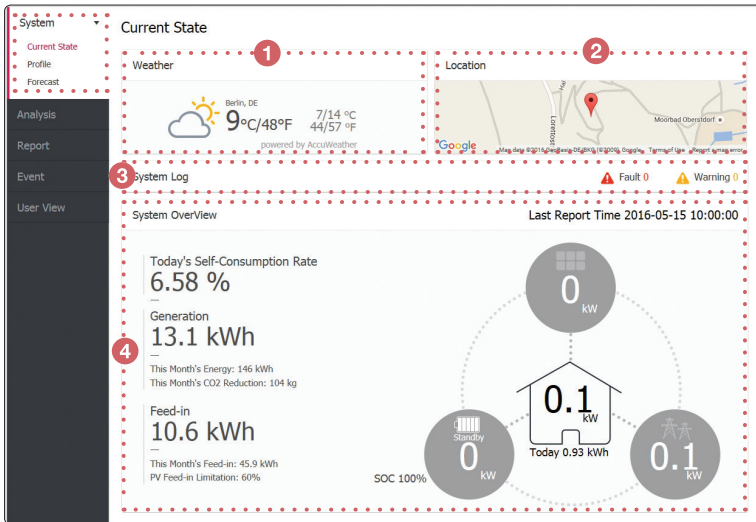
- 1 System Tab
- 2 Analysis Tab
- 3 Report Tab

- 4 Event Tab
- 5 User View Tab

System Tab

Checking the current state

When you select [Current State] in the [System] tab, you can find and check various information related to your system.



1 Weather

Displays the weather of the location the system has been installed.

2 Location

Displays the location the system has been installed on the map.

3 System Log

Displays the system fault.

4 System Overview

Displays the status of the system in real time. This page provides you with system information such as current power generated from PV, power purchased from grid, power charged/discharged from the battery. ALL the information is renewed every 15 minutes.

Editing a system profile

When you select [Profile] in the [System] tab, [System Profile] page appears on the screen. The System Profile page shows you the system information registered when the system was activated.

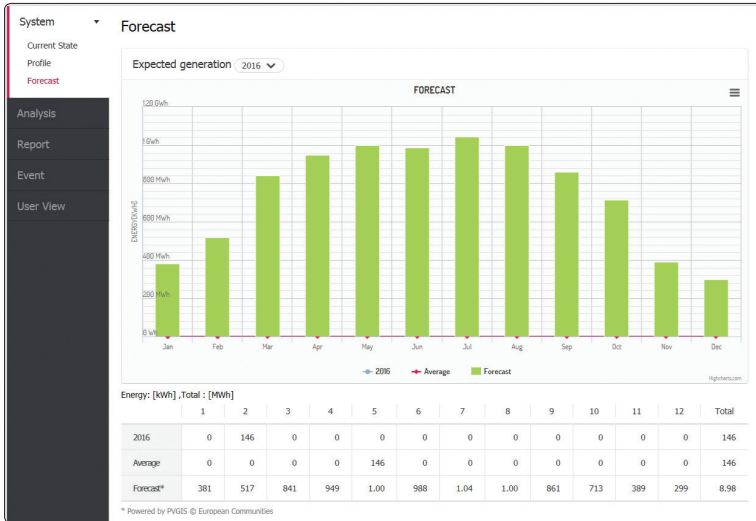
- 1 On the [System Profile] page, you can find the [Edit Profile] button at the end of the page. Select the [Edit Profile] button. The button will be changed to [SAVE] button.
- 2 After selecting [Edit Profile] button, every fields on this page can be editable. Select a field you want to change information and input a new value in the field.
- 3 When you finish editing information select the [SAVE] button to confirm profile editing.

NOTE

Information of [PV Info] section can not be edited in the EnerVu web monitoring system. Those can only be edited in the LCD touch panel of the system. When you change the PV information in the LCD panel of the system, information on [PV Info] section will automatically be changed.

Forecast the energy generation

The EnerVu web monitoring system provide you the energy forecast function. Select [Forecast] in the [System] tab, [Forecast] page appears on the screen.



EnerVu system will automatically show you the expected generation this year by graph and table.

There are several graph options below the graph. Select an option to toggle display on the graph.

Analysis Tab

Making a statistical graph

When you select the [Analysis] tab, [Energy View] page appears on the screen. The page shows you graph of statistical data for energy state of your system

You can make a daily, monthly or an yearly graph of statistical data for energy state.



1 Select a tab on the left side of the screen.

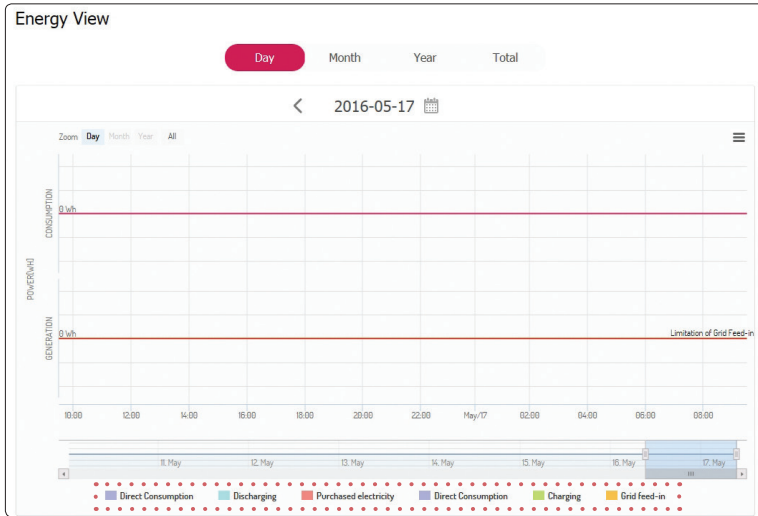
Energy View	Makes an overall graph of statistical data.
PV Graph	Makes a graph of statistical data on PV. (Generation and Grid feed-in)
ESS Graph	Makes a graph of statistical data on ESS (Charging, Discharging and SOC)
Load Graph	Makes a graph of statistical data on household load. (Consumption and Purchase)

2 Select a duration option among [Day], [Month], [Year] or [Total].

3 Select a date, month or year to make a statistical graph. After the selection, the graph will be displayed in a short time.

4

There are several options at the bottom of a graph, click each option to show or hide the statistical information on the graph.



Available options are differ depending on the graph. Refer to table described below for more information of graph options.

Tab	Graph	Options	Description
Energy View	CONSUMPTION	Direct Consumption	Amount of directly used energy from PV.
		Discharging	Amount of energy that used from the battery.
		Purchased electricity	Purchased energy through the power grid.
	GENERATION	Direct Consumption	Amount of directly used energy from PV.
		Charging	Amount of energy that charged to the battery.
		Grid feed-in	Amount of sold energy through the power grid.

Tab	Graph	Options	Description
PV Graph	Energy	Generation	Amount of generated energy from PV.
		Grid feed-in	Amount of sold energy through the power grid.
ESS Graph	Energy	Charging	Amount of energy that charged to the battery.
		Discharging	Amount of used energy from the battery.
		SOC	State of charge
Load Graph	Energy	Consumption	Amount of used energy from ESS system.
		Purchase	Amount of purchased energy from the power grid.

5

Select [≡] to print a graph or download as an image file.

Report Tab



Making a statistical report

You can make a monthly or an yearly report of statistical data for energy on your system.

The screenshot shows the LG ESS System Report interface. The top navigation bar includes 'Dashboard', 'System', 'Activation', and 'Account'. The left sidebar has 'System', 'Analysis', and 'Report' sections. The 'Report' section is expanded, showing options for 'PV Report', 'ESS Report', 'Load Report', 'Balance Report', and 'Total Report'. The main content area displays a 'PV Report' for the month of May 2016. The report is a table with columns for 'Date', 'Generation', 'Grid Feed-in', and 'Self-Consumption'. The data shows zero values for all metrics from May 3rd to May 17th, 2016. At the bottom right, there are summary statistics: PV Generation: 0 Wh, Grid Feed-in: 0 Wh, and Self-Consumption: NaN%.

Date	Generation	Grid Feed-in	Self-Consumption
2016/05/03	0 Wh	0 Wh	0 %
2016/05/06	0 Wh	0 Wh	0 %
2016/05/09	0 Wh	0 Wh	0 %
2016/05/10	0 Wh	0 Wh	0 %
2016/05/13	0 Wh	0 Wh	0 %
2016/05/14	0 Wh	0 Wh	0 %
2016/05/15	0 Wh	0 Wh	0 %
2016/05/16	0 Wh	0 Wh	0 %
2016/05/17	0 Wh	0 Wh	0 %

PV Generation: 0 Wh
Grid Feed-in: 0 Wh
Self-Consumption: NaN%

- 1 Select a report option among [PV Report], [ESS Report], [Load Report], [Balance Report] or [Total Report].
- 2 Select a reporting period option between [Yearly report] or [Monthly report].
- 3 Select desired month or year to display a report.
- 4 Select  to download the statistical data as an Excel file.
Select  to print the statistical data.

Event Tab

Checking the system event

When you select the [Event] tab, the [Event] page appears on the screen. The page shows a list of issues occurred such as system fault, warning.

The screenshot displays the 'Event' tab in the LG ESS system interface. The page shows a table of system events with the following columns: Type, Event Code, Name, Component, Start Time, End Time, and Result. The table lists various faults such as Battery Over Voltage Protection, PMS RS485 Communication Fault, ESS Fan Fault, and Grid Relay faults. The page also includes a sidebar with navigation options like System, Analysis, Report, and Event, and a top navigation bar with Dashboard, System, Activation, and Account.

Type	Event Code	Name	Component	Start Time	End Time	Result
Fault	P206	Battery Over Voltage Protection	BMS	2016-05-16 20:20:54	2016-05-16 20:21:52	ESS END
Fault	P302	PMS RS485 Communication Fault	PMS	2016-05-16 20:07:03	2016-05-16 20:07:05	ESS END
Fault	P302	PMS RS485 Communication Fault	PMS	2016-05-16 19:35:34	2016-05-16 19:35:36	ESS END
Fault	P316	ESS Fan Fault	PCS	2016-05-16 19:22:42	2016-05-16 19:28:22	ESS END
Fault	P310	Grid Relay(L2-2) Fault	Grid	2016-05-16 19:22:42	2016-05-16 19:28:22	ESS END
Fault	P302	PMS RS485 Communication Fault	PMS	2016-05-16 19:22:42	2016-05-16 19:28:22	ESS END
Fault	P320	DSP(CPU) SCI Communication Error	PCS	2016-05-16 19:22:42	2016-05-16 19:28:22	ESS END
Fault	P305	Grid Relay(L1-1) Fault	Grid	2016-05-16 19:22:42	2016-05-16 19:28:22	ESS END
Fault	P307	Grid Relay(L3-1) Fault	Grid	2016-05-16 19:22:42	2016-05-16 19:28:22	ESS END
Fault	P311	Grid Relay(L3-2) Fault	Grid	2016-05-16 19:22:42	2016-05-16 19:28:22	ESS END


1 Select a period option among [Current issues], [Past 7 days] and [Custom Range].

When you select the [Custom Range], select the start date and the end date.

2 Select the [Type] option among [All], [Fault] and [Warning].
The event list will be filtered by selected type option.

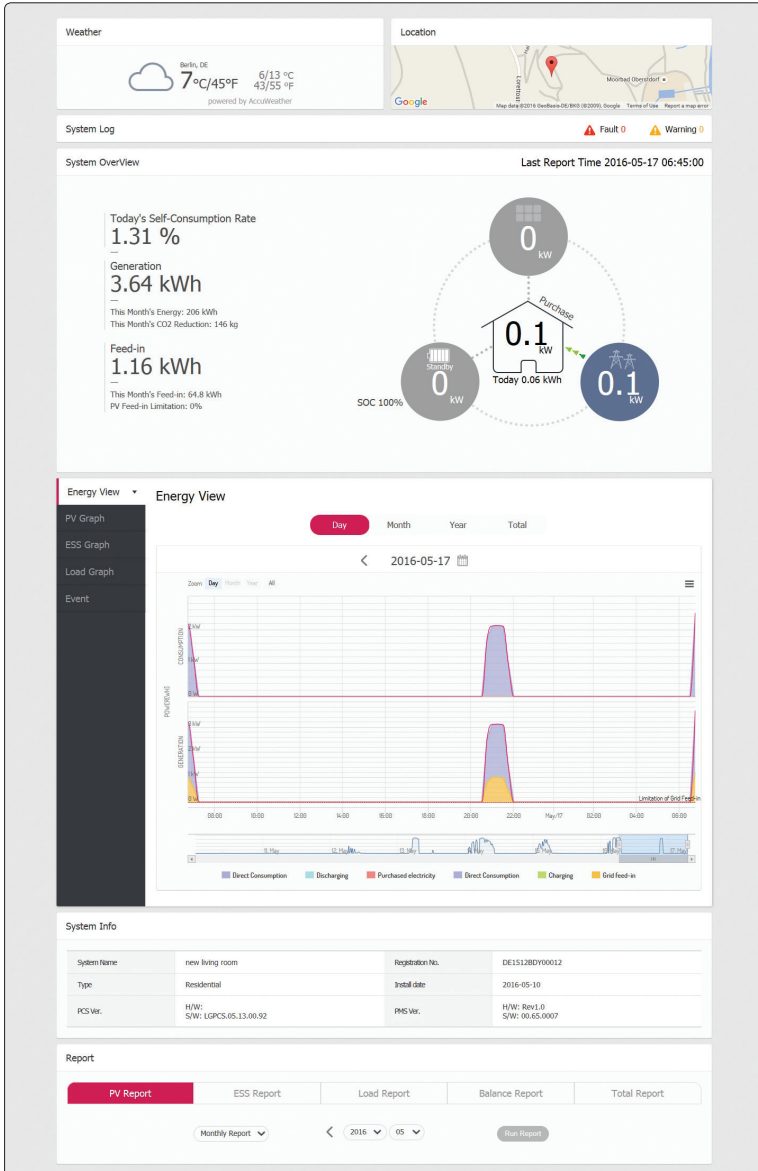
3 Select desired month or year to display a report.

4 Select  to download the statistical data as an Excel file.

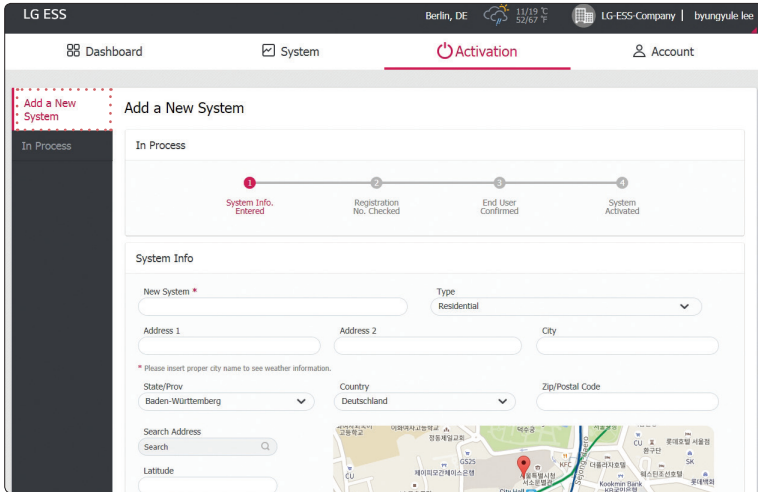
Select  to print the statistical data.

User View Tab

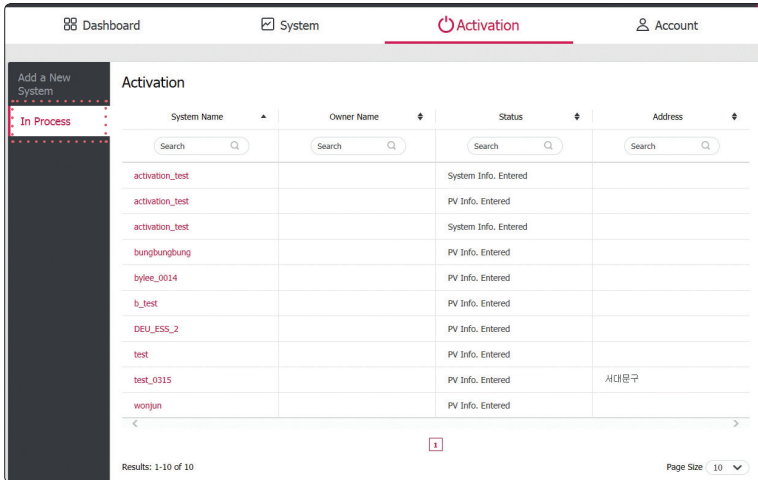
When you select the [User View] tab, the owner version of EnerVu web monitoring system is displayed in a new browser.



Activation Page



This page is intended to activate a new system to my account. Refer to page 29 for more information of system activation.

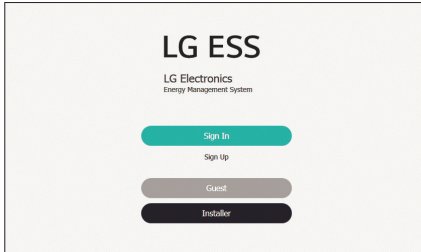


When you select the [In Process] tab in the System page, a list of system registrations that are in process. Select a system on the list to continue system activation.

Activating a new system

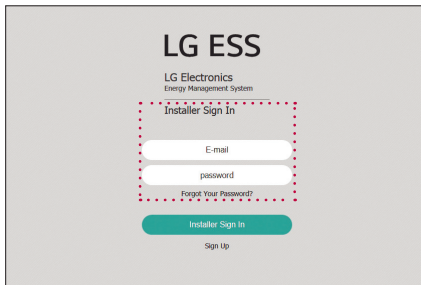
In order to monitor and manage a new system, the system should be activated in EnerVu web monitoring system by installer.

1



On your browser, visit LG EnerVu page at <http://enervu.lg-ess.com>. Select [Installer]. The [Installer Sign In] page appears.

2

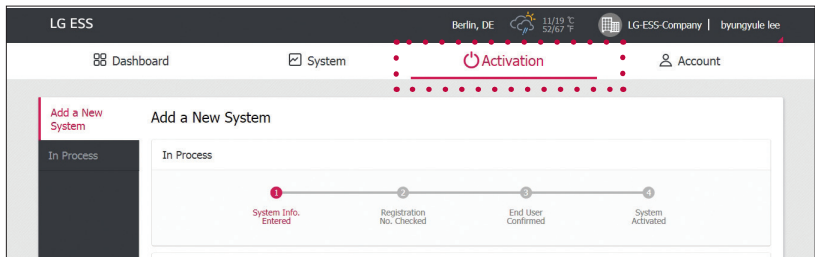


And then input the installer's e-mail address and the password and select [Installer Sign In].

If the installer does not have an account, select [Sign Up] and make a new installer account.

3

Select [Activation] tab. The [Add a New System] screen appears.



4 Fill every information in the [System Info] field and select [Save] to save the information.

System Info

New System * Type Residential ▼

Address 1 Address 2 City


* Please insert proper city name to see weather information.

State/Prov Baden-Württemberg ▼ Country Deutschland ▼ Zip/Postal Code

Search Address

Latitude

Longitude



SAVE

5 In the [ESS Info] field, fill the product registration number and select [Check]. The ESS information will automatically be filled.

ESS Info

Registration No.

Ess Model Name	Winter Mode
Pms Info	Pcs Info
Battery Info	
Pcs Out Limit	Ult:

Select [Save] to go to the next step.

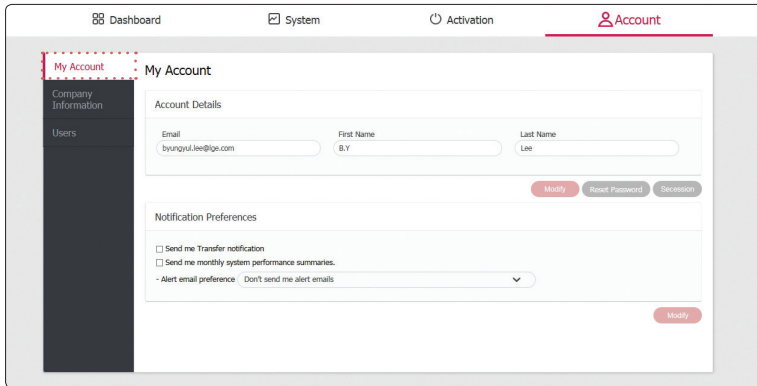
6 Fill the every information In the [Owner] field and select [Save] to save the information.

Owner

Email First Name Last Name

And Select [Activation] at the bottom of the page to finish the activation process.

Account Page



The [Account] page shows you the account information. On the [My Account] tab, you can modify your account detail, reset password or seccession your account.

On the [Company Information] tab, you can check and modify your company information.

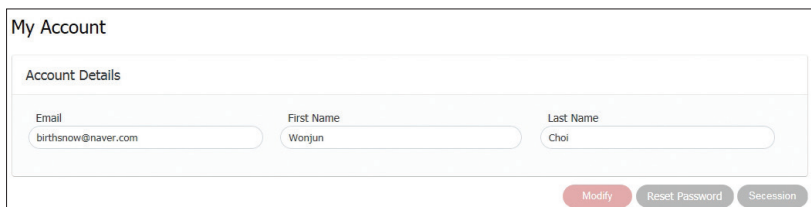
On the [User] tab, you can check all the installers in your company. You can also add a new installer if you are a administrator.

If your role is not an administrator, you can only check the installers belonging to your branch office and you can not add a new installer.

My Account Tab

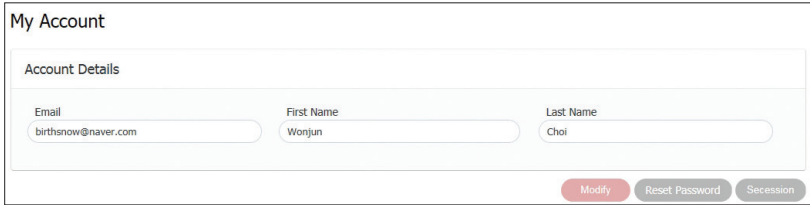
Modifying your account detail

- 1 Select the [Account] on the main page. [My Account] page appears on the screen.
- 2 Change your information in the [Account Detail] section and then select [Modify] to confirm changes.



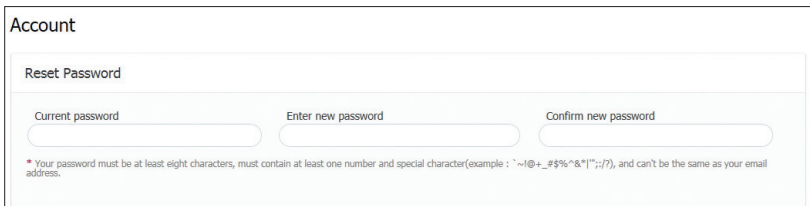
Changing your password

- 1 Select the [Account] on the main page. [My Account] page appears on the screen.
- 2 Select [Reset Password]. [Reset Password] page appears on the screen.



The screenshot shows the 'My Account' page. At the top, it says 'My Account'. Below that is a section titled 'Account Details'. There are three input fields: 'Email' with the value 'birthsnow@naver.com', 'First Name' with the value 'Wonjun', and 'Last Name' with the value 'Choi'. At the bottom right of the form, there are three buttons: 'Modify' (highlighted in red), 'Reset Password', and 'Seession'.

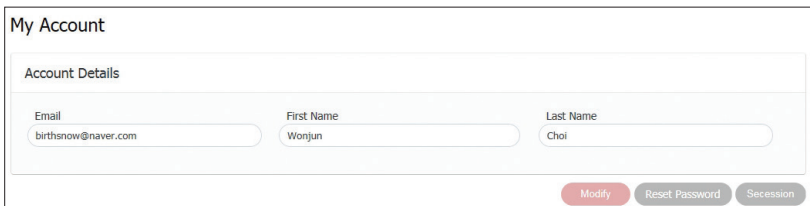
- 3 Fill [Current password], [Enter new password] and [Confirm new password] fields and then select [Modify] to change your password.



The screenshot shows the 'Reset Password' page. At the top, it says 'Account'. Below that is a section titled 'Reset Password'. There are three input fields: 'Current password', 'Enter new password', and 'Confirm new password'. Below the input fields, there is a small asterisk and a note: '* Your password must be at least eight characters, must contain at least one number and special character(example : '~!@+_#%~*!";:/?), and can't be the same as your email address.'

Deleting your account

- 1 Select the [Account] on the main page. [My Account] page appears on the screen.
- 2 Select [Seession]. A pop-up message appears on the screen. Select [Yes] to confirm account seession.



The screenshot shows the 'My Account' page. At the top, it says 'My Account'. Below that is a section titled 'Account Details'. There are three input fields: 'Email' with the value 'birthsnow@naver.com', 'First Name' with the value 'Wonjun', and 'Last Name' with the value 'Choi'. At the bottom right of the form, there are three buttons: 'Modify' (highlighted in red), 'Reset Password', and 'Seession'.

Setting the notification preference

1 Select the [Account] on the main page. [My Account] page appears on the screen.

2 In the [Notification Preference] section, there are several options for notifying events and reports to an owner.



The screenshot shows a 'Notification Preferences' section. It contains three items: a checked checkbox for 'Send me Transfer notification', a checked checkbox for 'Send me monthly system performance summaries', and an 'Alert email preference' dropdown menu currently set to 'Include in monthly email summary'. A 'Modify' button is located at the bottom right of the section.

- **Send me Transfer notification :**

Send me a mail when an owner transfer the system to the other owner.

- **Send me monthly system performance summaries :**

Send me a monthly mail of system performance summaries.

- **Alert email preference :**

You can select a notification option when there is a warning or a fault on the system.

3 Select [Modify] to confirm changes of [Notification Preference] settings.

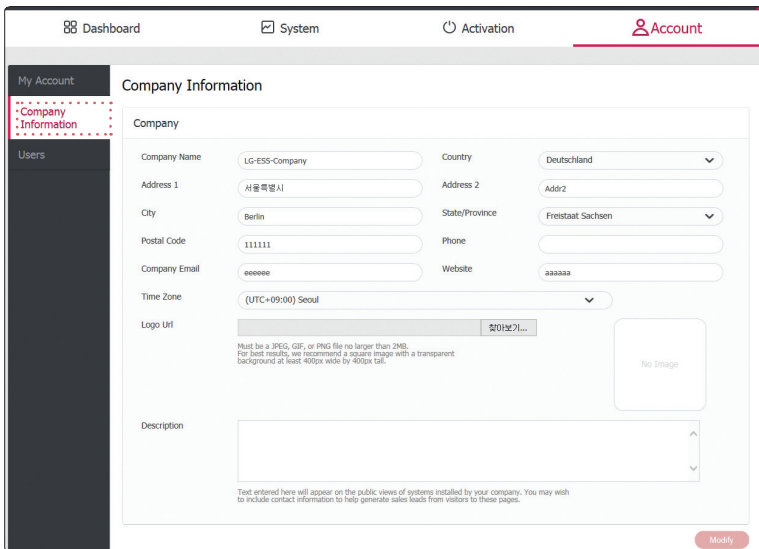
Company Information Tab

The installation company can have several branch offices and each branch office may have several installers.

On the [Company Information] tab, you can check or modify your company information. And also you can add a new branch office in your company. If your role is not an administrator, modifying your company information and adding a new branch office are unavailable.

Modifying company information

- 1 Select the [Company Information] tab on the [Account] page.



Dashboard System Activation Account

My Account Company Information Users

Company Information

Company

Company Name: LG-ESS-Company Country: Deutschland

Address 1: 서울특별시 Address 2: Addr2

City: Berlin State/Province: Freistaat Sachsen

Postal Code: 111111 Phone:

Company Email: eeeeeee Website: aaaaaaa

Time Zone: (UTC+09:00) Seoul

Logo Url: [찾아보기...](#)

Must be a JPEG, GIF, or PNG file no larger than 2MB.
For best results, we recommend a square image with a transparent background at least 400px wide by 400px tall.

No Image

Description:

Text entered here will appear on the public views of systems installed by your company. You may wish to include contact information to help generate sales leads from visitors to these pages.

Modify

- 2 Change the company information in each field. You can also register or change company logo in [Logo url] field.

- 3 Select [Modify] button to confirm changes.

Adding a branch office

In the [Office] section, you can check the every branch office and add more branch office.

1 Select the [Company Information] tab on the [Account] page.

2 In the [Office] section, select [Add Branch Office] button to open a new company information input page.

Office				Add Branch Office
Num	Company Name	Main Office	Address	
1	LG-ESS-Company	(Main Office)	서울특별시 Addr2 Berlin Freistaat Sachsen 111111	More ▾
2	LGE branch	LG-ESS-Company	Addr1 Addr2 Munich Saarland 111111	More ▾
3	Test Branch 2	LG-ESS-Company	11 111 fdsfd Baden-Württemberg ff	More ▾
4	3333	LG-ESS-Company	3333 333 333 Baden-Württemberg 333	More ▾
5	444	LG-ESS-Company	444 4 444 Baden-Württemberg 4	More ▾

3 Fill the company information in each field. You can also register company logo in [Logo url] field.

Company

Company Name <input type="text"/>	Country <input type="text" value="Deutschland"/>
Address 1 <input type="text"/>	Address 2 <input type="text"/>
City <input type="text"/>	State/Province <input type="text" value="Baden-Württemberg"/>
Postal Code <input type="text"/>	Phone <input type="text"/>
Company Email <input type="text"/>	Website <input type="text"/>
Time Zone <input type="text" value="(UTC+09:00) Seoul"/>	
Logo Url <input type="text"/>	<input type="button" value="찾아보기..."/> <div style="border: 1px solid #ccc; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin-top: 5px;"> No Image </div>
<small>Must be a JPEG, GIF, or PNG file no larger than 2MB. For best results, we recommend a square image with a transparent background at least 400px wide by 400px tall.</small>	
Description <input style="width: 100%; height: 40px;" type="text"/>	
<small>Text entered here will appear on the public views of systems installed by your company. You may wish to include contact information to help generate sales leads from visitors to these pages.</small>	
<input type="button" value="Submit"/>	

4 Select [Submit] button to register a new branch office.

Users Tab

You can check all the installers in your company. And also you can add a new installer if your role is administrator. If your role is not an administrator, you can only check the installers belonging to your branch office and you can not add a new installer.

The screenshot shows the 'Users' tab in the Account page. The page has a navigation bar with 'Dashboard', 'System', 'Activation', and 'Account' (selected). The left sidebar has 'My Account', 'Company Information', and 'Users' (selected). The main content area is titled 'Users' and contains a table with the following data:

User Name	Company	Active
Wonjun Choi	LG-ESS-Company	Y
park cj	LG-ESS-Company	Y
j c546	LG-ESS-Company	Y
ff	LG-ESS-Company	Y
byungjule lee	LG-ESS-Company	Y

At the bottom of the table, it shows 'Results: 1-5 of 5' and 'Page Size: 10'. An 'Add New User' button is located in the top right corner of the table area.

Adding a new installer

- 1 Select the [Users] tab on the [Account] page.
- 2 Select [Add New User] button to open a new user input page.

The 'New User' form contains the following fields and options:

- Email: An email explaining how to sign in will be sent to this address.
- Confirm Email:
- First Name:
- Last Name:
- Role: (dropdown menu)
- Company: (dropdown menu)

Buttons: CANCEL, AddUser

- 3 Fill the user information in each field.
- 4 Select [AddUser] button to register a new installer.

