

Create PV Plant and User on FusionSolar



Huawei Technologies Co. Ltd.

| Version | Created by | Date | Remarks |
|---------|------------------|------------|-------------|
| 02 | Huawei e84081311 | 10.01.2019 | FusionSolar |

The information in this document may contain predictive statements including, without limitation, statements regarding the future financial and operating results, future product portfolio, new technology, etc. There are a number of factors that could cause actual results and developments to differ materially from those expressed or implied in the predictive statements. Therefore, such information is provided for reference purpose only and constitutes neither an offer nor an acceptance. Huawei may change the information at any time without notice.



This document describe how to create a PV plant on FusionSolar. Before creating a plant customer/installer should create first an account. Once the account is created the customer/installer will have own structure where will connect all the plants. Ask instruction about how to create an account on eu_inverter_support@huawei.com.

1. Login as installer on FusionSolar

| - FusionSolar | | | | | | | |
|-----------------------------------|---|----------------------------------|---|--|--|--|--|
| لی Home Page | E Report Management | [중] Device Management | Intelligent O&M | | | | |
| | | | Switchingviews: 🛑 🔇 🧲 | | | | |
| 🐜 Plant KPIs | ···· () Plant Status | Û Real-tim | e Alarm | | | | |
| 0.000 Current power(KW) Daily | D.00 Energy(kWh) 0 | Norma: 0 Major alar Faulty: 0 | m (0) 0.0% | | | | |
| 0.0 (Daily revenue(e) Lifetim | D.00 e Energy(KWh) | Disconnected: 0 Suggestio | n alarm (0) 0.0% Total records 0 | | | | |
| Plant name Device typ | e All Installed capacity All | Grid connection time | Search Add Plant | | | | |
| Status ¢ Live View Plant Name ¢ / | Address \$ Grid Connection Capacity (KWp) Quantity of Time \$ \$ Optimizers | Battery Weather (KW) ¢ P | uivalent tricity Yield er Hour Daily Energy (kWh) ‡ Cumulative Energy ‡ h/kWp) ‡ | | | | |

Login on FusionSolar and from the main page choose "Add Plant":

2. Fill the basic information

The Company name is your main structure that you create once you create the account. After you fill all the details select "Next". All the details mark with red star are mandatory.



| FusionSolar | | 🗇 Home Page 🛱 Setting | g 🖾 Message Switch to Dashboard | 🖲 e 🕐 About |
|-------------------------------|---------------------------------|---|-------------------------------------|---------------------------------------|
| | lant | | | |
| Home F | Basic Information Access Device | String Configuration Electric Price Configuration Other Informati | ion | jent O&M |
| | | | | ningviews: 📵 🔇 🙆 |
| Ser Plant KPIs | Company | Eugen | * ⑦ | |
| 0.000 | | | | 0.0% |
| Current power(KW) | Plant name | Huawei | | 0.0% |
| | | | | 0.0% |
| 0.0 | Installed capacity | 6 | * KWp | 0.0% |
| Daily revenue(€) | | | | Total records 0 |
| Plant name | Grid connection time | 01/10/2019 | · | + Add Plant |
| Status + Live View | | | | h) A Cumulative Energy A |
| | Contact Person | eugencatalin79@gmail.com | | , , , , , , , , , , , , , , , , , , , |
| Per page: 15 💌 No relevant re | | | | ige Go to page 1 Page GO |
| | Contact Number | Enter a phone number or an email address. | 0 | |
| | | Next Cancel | | |
| | | - Concer | | |
| | | | | |

3. Connect the Equipment

Insert the inverter SN and select next. If you have more than one inverter select **Add** and insert the SN. If you can't go further selecting "Next" it's mean that the inverter is offline and you need to check the inverter connection with the router and management system.

Once you insert the SN of the inverter and the device type and the model will be recognize mean that the inverter is online and you can go further.



| FusionSolar | 🛱 Home Page 🎝 Setting 🗠 Message Swi | itch to Dashboard 🛞 e' | About |
|--------------------------------|---|--------------------------|--------------------------|
| | Add Plant | × | 7 |
| Unu Home F | Rasic Information Access Device String Configuration Electric Price Configuration Other Information | | ient O&M |
| | | + Add | ningviews: 🌐 🔇 🚫 |
| S Plant KPIs | Device SN 210107380310K5007152 O Device type Smart Energy Center Device model SUN2000L-4KTL | $\supset \land$ | ••• |
| 0.000 | | Ţ | 0.0% |
| Current power(KW) | | Add more | 0.0% |
| | | device | 0.0% |
| 0.0 | | | 0.0% |
| Daily revenue(€) | | | Total records 0 |
| Plant name | | | + Add Plant |
| 0 | | | |
| Status ‡ Live View | | | h) ¢ Cumulative Energy ¢ |
| Per page: 15 💌 No relevant rec | | | ge Go to page 1 Page GO |
| | | | |
| | | | |
| | Previous Next Cancel | | |
| | | | |

4. Set the string configuration

Select string capacity configuration and set your capacity for each string. This help in case that you will use the IV-Curve function.

| 🚛 FusionSolar | | |
|---|---|---|
| Lini Home F | Add Plant | × ==================================== |
| Plant KPIs 0,000 | Basic information Access Device String Configuration Electric Price Configuration Citer Information | tingviews: (🛞 🔇 🔇 |
| Current power(IWV) 0,0 Daily revenue(4) | Per page: 10 V Tot | 0.0% 0.0% Total records 0 |
| Plant name Status + Live View Per page 15 V No relevant m | | Add Plant Cumulative Energy ge Go lo page 1 Page GO |
| | Previous Next Cancel | |



5. Set the electricity price configuration

Set the On-grid Tariff and Purchasing Electricity Price and select "Next"

| 🗑 FusionSolar | | iboard 🛞 e 🕐 About |
|--------------------------------|--|--------------------------|
| | lant | × |
| Home F | Basic Information Access Device String Defiguration Electric Price Configuration Other Information | ent O&M |
| | Feed-In Electricity Price Purchasing Electricity Price | ningviews: 🌐 🔇 🔗 |
| 💁 Plant KPIs | Add | 0.0% |
| 0.000 Current power(WV) | 0.00.00 V 24.00.00 V Electric price Price EURKWN C | 0.0% |
| | • | 0.0% |
| 0.0 Daily revenue(@) | | 0.0% |
| | | Total lecolds o |
| Piant name | | |
| Status ‡ Live View | | h) ¢ Cumulative Energy ¢ |
| Per page: 15 💌 No relevant res | | ge Go to page 1 Page GO |
| | | |
| | Previous Next Cancel | |
| | | |

6. Other information settings

Insert a picture, fill the address and set the time zone.

| 🚝 FusionSolar | | G Home Page ✿ Setting ⊠ Message Switch to f | |
|-------------------------------|---------------------------------|---|-------------------------|
| G 🖌 | \dd Plant | | × |
| Home F | Basic Information Access Device | String Configuration Electric Price Configuration Other Information | jent O&M |
| | Plant image | | hingviews: 🌐 🔇 么 |
| 1 Plant KPIs | | The image size cannot exceed 5 MB. Supported formats are jpg, png, jpeg, and bmp. | |
| 0.000 | | | 0.0% |
| Current power(KW) | | | 0.0% |
| | | | 0.0% |
| U.U Daily revenue(®) | | Upload | Total records 0 |
| | Address | Bucharest, Romania | |
| Plant name | Start time of safe running | 01/10/2019 | + Add Plant |
| Status ¢ Live View | Plant introduction | | h) |
| Per page: 15 💌 No relevant re | | | ge Go to page 1 Page GO |
| | Plant time zone | (UTC+02:00) Athens, Bucharest | |
| | | | |
| | | Previous Save Cancel | |
| | | | |



7. Confirmation

| 🔐 FusionSolar | | 🖾 Home Page 🏚 Setting 🖂 Message Switch to Das | hboard 🕘 e******* 🕐 About |
|-------------------------------|---------------------------------|--|-------------------------------|
| โก้ | Add Plant | | × |
| Home F | Basic Information Access Device | String Configuration Electric Price Configuration Other Information | jent O&M |
| | Plant image | | ningviews: 🛑 🔇 🔗 |
| 🖕 Plant KPIs | | | *** |
| 0.000 | | | 0.0% |
| Current power(KVV) | | | 0.0% |
| | | Prompt × | 0.0% |
| 0.0 | | The plant is created successfully. You can choose Setting > User Management to set an administrator for the cleant | 0.0% |
| Daily revenue(€) | Address | Ri riteria | Total records 0 |
| Plant name | | | + Add Plant |
| 0 | Start time of safe running | 01/10/2019 | |
| Status ‡ Live View | Plant introduction | | h) ‡ Cumulative Energy ‡ |
| Per page: 15 💌 No relevant re | | | ige Go to page 1 Page GO |
| | Plant time zone | (UTC+02.00) Athens, Bucharest 🔹 | |
| | | | |
| | | Previous Save Cancel | |
| | | | |

8. Create an account for the customer

From the home page choose Settings \rightarrow User Management \rightarrow Add

| usionSolar | | | | | aì Home ≥∋ge 🌣 Setti | ng 🗹 Message | Switch to Dash | board ⑧ e | ⑦ Ab |
|-------------------------|-----------|-----|-------------------------|--------------|------------------------|-------------------------------|-----------------------|-------------------------|----------------|
| System Settings | Company + | | | | | | | | |
| Account Settings | Eugen | Use | er name | Search | | Add Modify | Delete | Enable Disable | Reset Password |
| Plant Management | | C | User Name | Phone Number | Email | Account Status | Password Status \$ | Company Name | Description |
| Parameter Configuration | | | eugencatalin79 | | eugencatalin79@gmail.c | om Enable | Normal | Fugen | |
| Role Management | | | | | 5 0.5 | | | 5 | |
| User Management | | Per | page: 10 v Total | 1 records | | $K \langle 1 \rangle \rangle$ | Page 1 Pag | e/Total 1 Page Go to pa | ige 1 Page GC |
| Data Amendment | | | | | | | | | |
| Upgrade Management | | | | | | | | | |
| Collector Management | | | | | | | | | |
| Log Export | | | | | | | | | |
| Enterprise Information | | | | | | | | | |
| | | | | | | | | | |



| System Settings | с | Add Us | er | | | × | | |
|-------------------------|-------|---------|-----------------------------|--|----------------------|-------------|------------------------|----------------|
| Account Settings | Eugen | 1 | | | | Doleto E | Enable Disable | Reset Password |
| Plant Management | | User na | New_User | Password | • • | Password | Company Name | Description |
| Parameter Configuration | | Phone | number 0723000001 | Description User | | Status - | | |
| Role Management | | Email | newuser@gma | I.com | | Normal | Eugen | |
| | L | Reside | ntial plant | | | Page 1 Page | e/Total 1 Page Go to p | age 1 Page G |
| Data Amendment | | user | | | | | | |
| Upgrade Management | | Role* | Associate Plants* | | | | | |
| Collector Management | | | | | | | | |
| Log Export | | | Role Name | Description | Account Status | | | |
| Enterprise Information | | ۲ | Installer role | Plant home page, plant layout, device | Enable | | | |
| License Management | | ۲ | Residential plant user role | Plant home page, device management | Enable | | | |
| | | 0 | Guest role | Plant home page, device management | Enable | | | |
| | | | K | 1 > > Page 1 Page/Total 1 Page | Go to page 1 Page GO | | | |
| | | Avatar | | Browse Cance | el | | | |
| | | | \bigcirc | | | | | |
| | | | \bigcirc | | | | | |
| | | Image | size cannot exceed 512 KE | and the formats supported are: jpg, png, jpe | eg and bmp. | • | | |
| | | | | OK Cancel | | | | |

Fill the user details→choose a role for the new user like "**Residential plant user role**"

Select the PV plant that you want to add the user and confirm with "OK"

| System Settings | c | Add User | | | | × | | |
|-------------------------|-------|-------------------|--|------------------------------|--|--------------|-------------------------|----------------|
| Account Settings | Eugen | | en e | | Energy and the second | Delete | Enable Disable | Reset Password |
| Plant Management | | User name | New_User | Password | ••••• | Password | Company Name | Description |
| Parameter Configuration | | Phone number | 07230000001 | Description | User | Juitus y | | |
| Role Management | | Email | newuser@gmail.com | m | * | Normal | Eugen | |
| | | Residential plant | t | | | Page 1 Pag | e/Total 1 Page Go to pa | age 1 Page |
| Data Amendment | | user | | | | - | | |
| Upgrade Management | | Role* Ass | ociate Plants* | | | | | |
| Collector Management | | (=) Eugen | | | | | | |
| Log Export | | 🗹 🛋 Hua | wei | | | | | |
| Enterprise Information | | Avatar | | Browse | Cancel | | | |
| Licence Management | | | \bigcirc | | | | | |
| License Management | | | (X) | | | | | |
| | | Image size cann | not exceed 512 KB and | the formats supported are: | ipg, png, jpeg and bmp | | | |
| | | | | | | - | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | OK Cance | | | | |
| | | | | | | | | |