



HAVELLS

**Web Monitoring &
Weather Monitoring System**

Enviro GTi Product Range

Sr. No.	Models	MPPT No.	String No.	Communication
1.	Enviro GTi 1100 NG, 2200 NG, 3000 NG Single Phase	1	1	External WIFI/GPRS,485
2.	Enviro GTi 5000 D Single Phase	2	2	External WIFI/GPRS,485
3.	Enviro GTi 5500 TX , 8800TX , 11000TX Three Phase	2	2	External WIFI/GPRS,485
4.	Enviro GTi 15000T NG Three Phase	2	3	External WIFI/GPRS,485
5.	Enviro GTi 20000TD, 30000TD Three Phase	2	6 (20kW-4)	External WIFI/GPRS,485
6.	Enviro GTi 50KT, 60 KT Three Phase	3	12(50kW- 10)	External WIFI/GPRS,485

Monitoring Devices



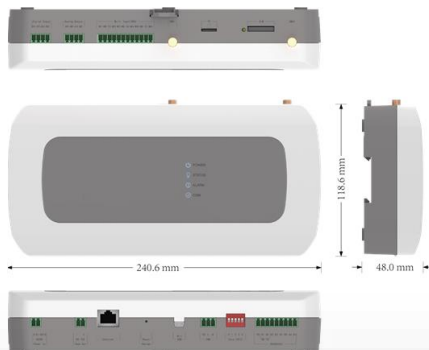
WiFi/GPRS Dongle:

- GPRS, Wi-Fi
- Data storage: 3 months



DIN RAIL Data Logger:

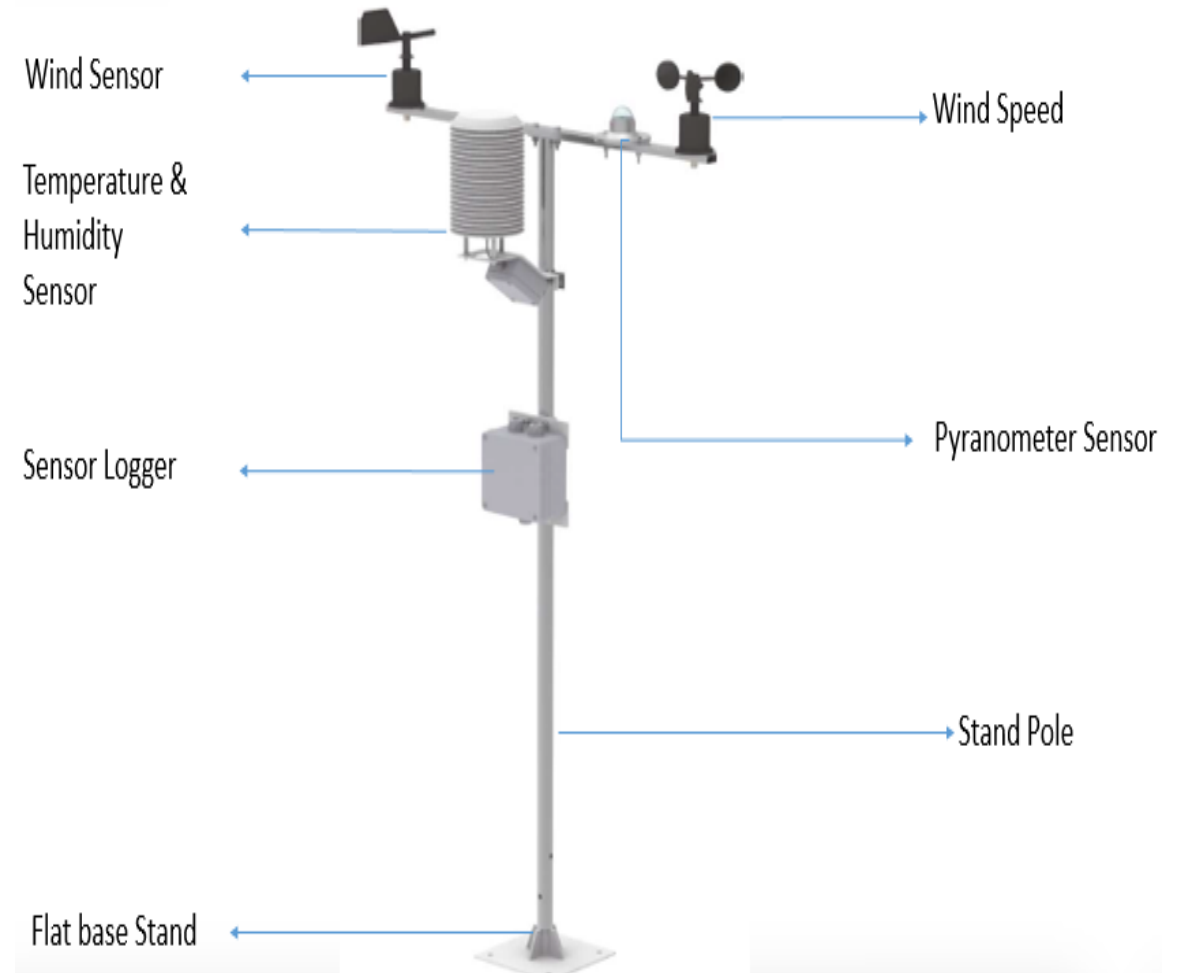
- GPRS, WiFi
- Max 16 devices (2/4/8/16)



Pro Logger:

- 4G, GPRS, WiFi
- Model 1- 50 Devices
- Model 2- 90 Device

Weather Station



Website for Web Monitoring

- Master Website – For System Integrators

“solar.havells.com”

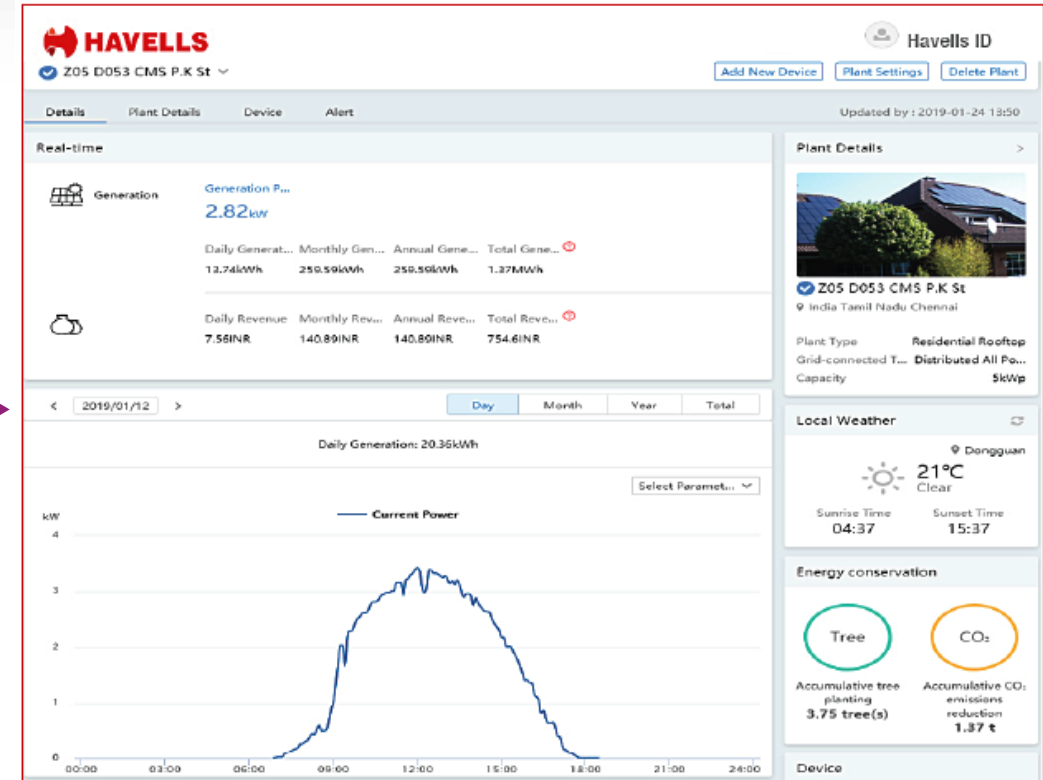
- For Customer – Wi-Fi / GPRS

“pvcheck.havells.com”



Remote Monitoring

Single Inverter Monitoring



Multiple Inverter Monitoring



RS 485

RS 485

RS 485

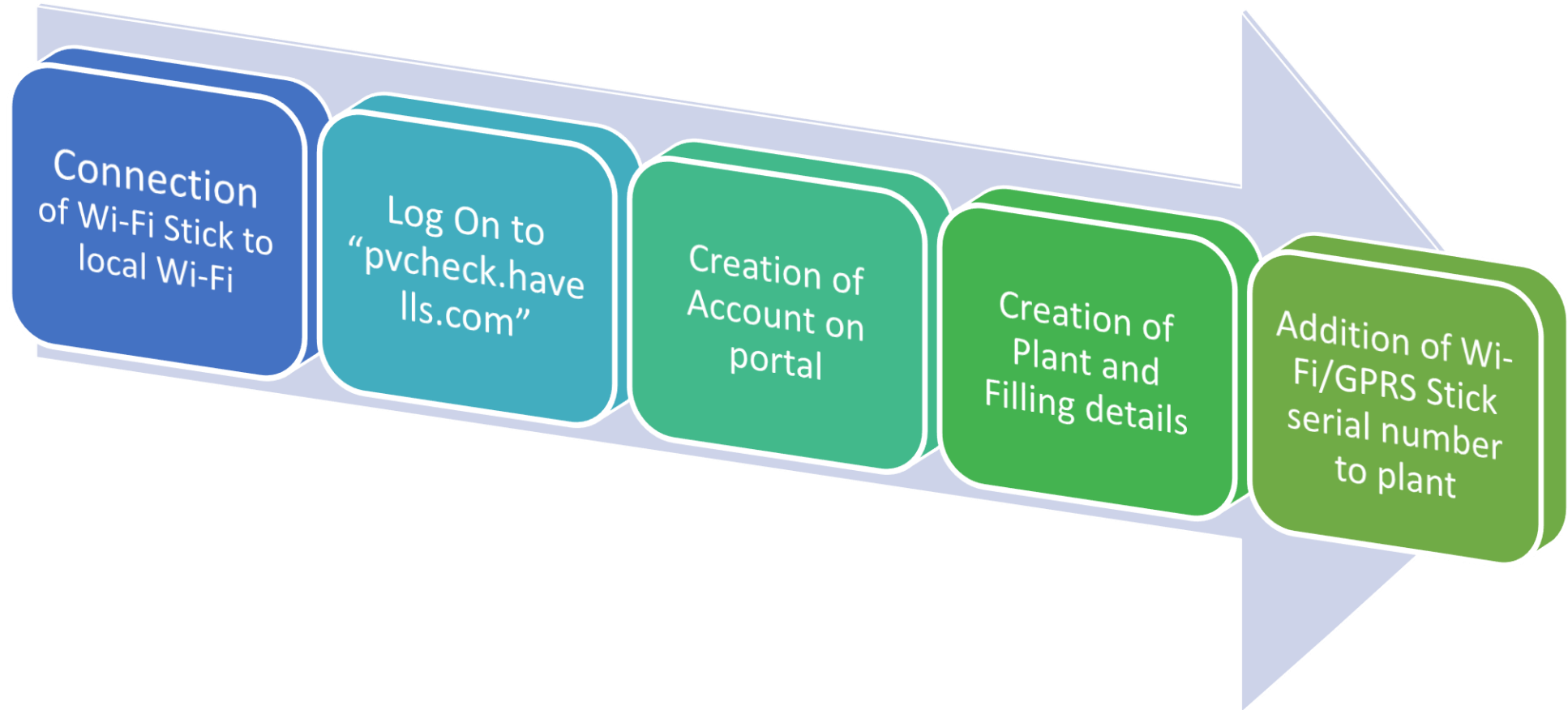
RS 485



Data Logger

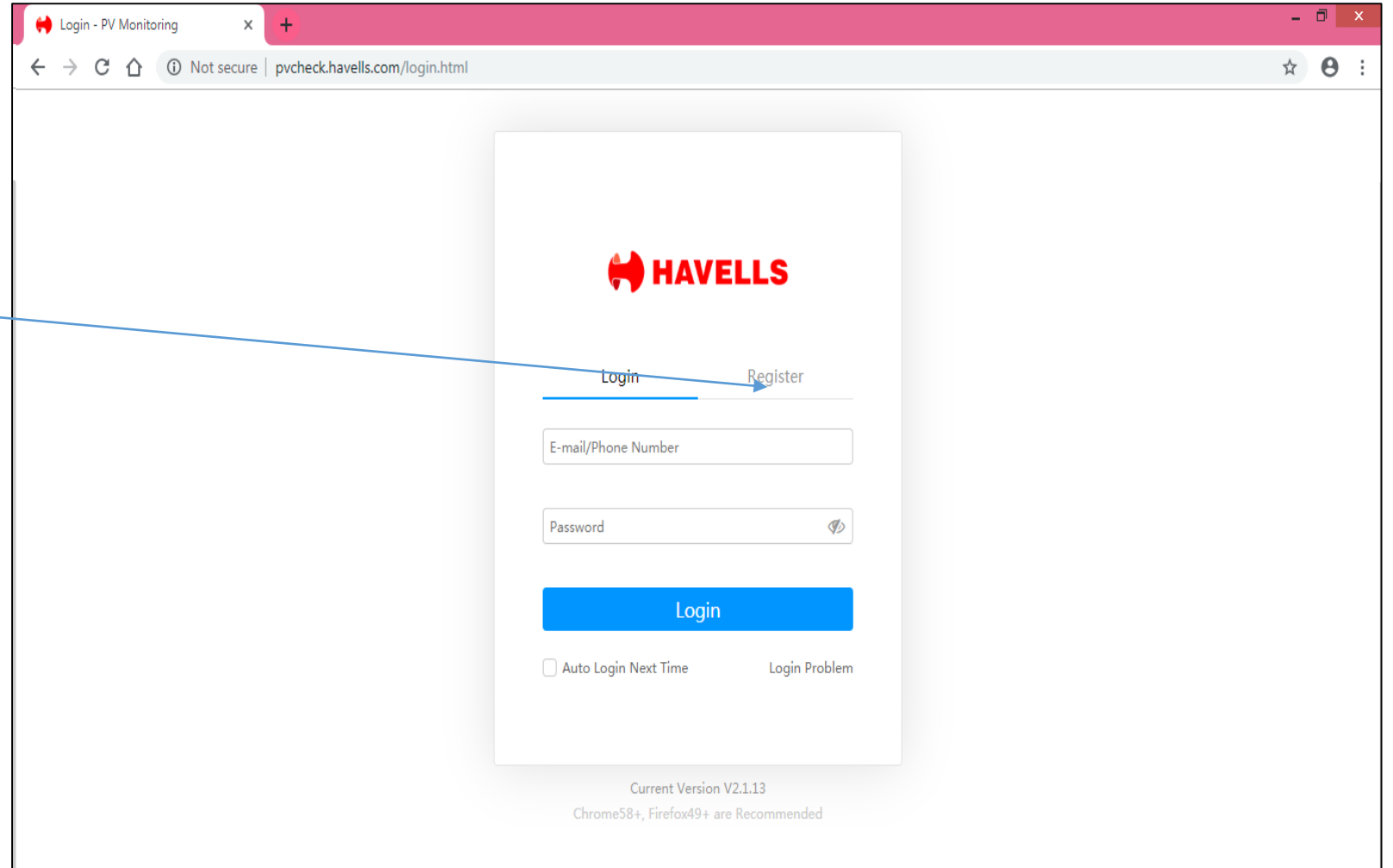


Configuration Process



Creation of Account for web monitoring activation

- Log on to pvcheck.havells.com website
- For First time do the registration
- Fill in basic details to complete the registration process.
- When registration is successful, Click OK to return to homepage of the portal and login again



Login - PV Monitoring

Not secure | pvcheck.havells.com/login.html

HAVELLS

Login Register

E-mail/Phone Number

Password

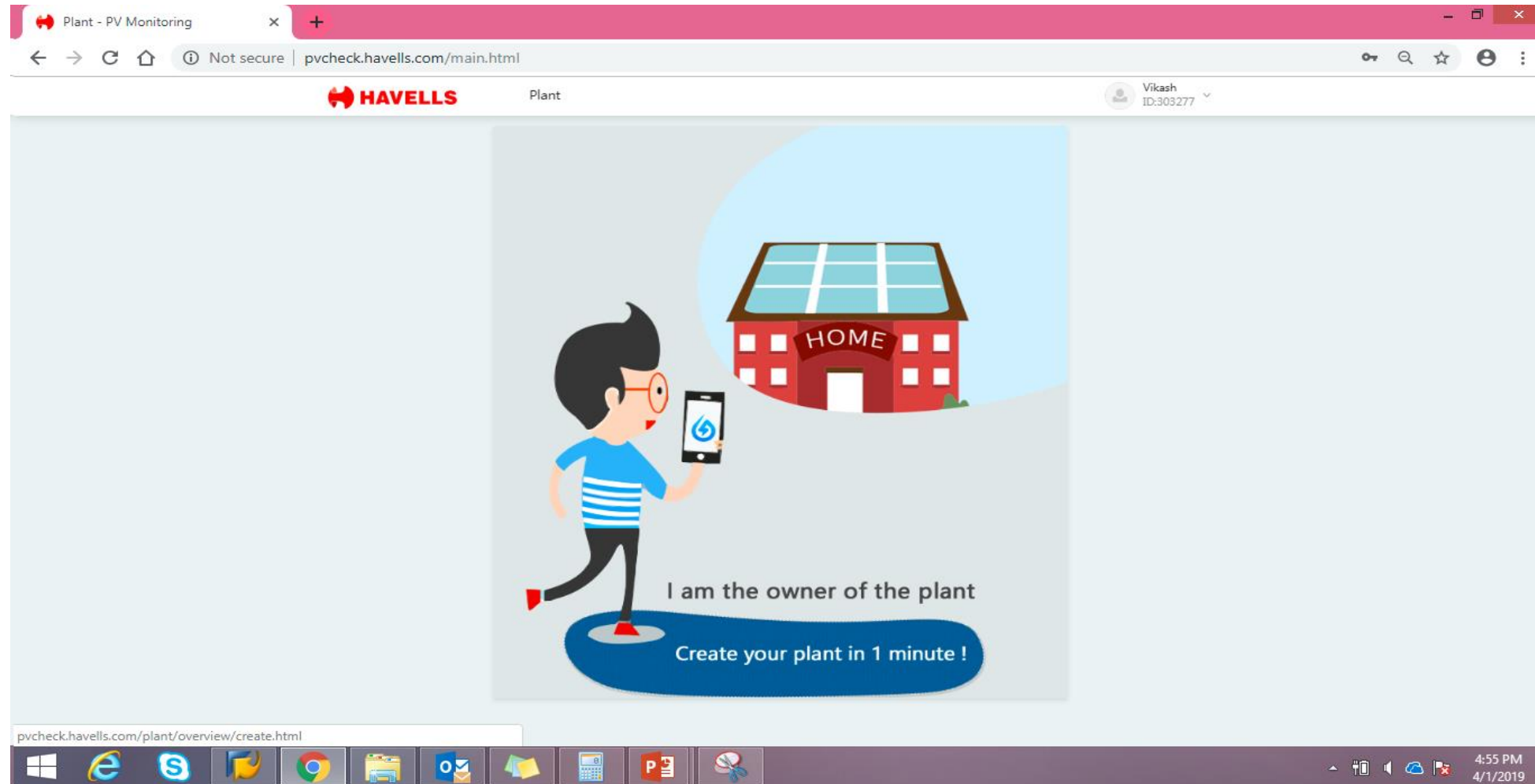
Login

☐ Auto Login Next Time Login Problem

Current Version V2.1.13
Chrome58+, Firefox49+ are Recommended

How to Build a new plant

Step 1 : After Login, Create the Plant by clicking the below screen.



How to Build a new plant

Step 2 : Fill Plant Name , Project type, ON Grid Type & Location.

The screenshot shows a web browser window with the URL `pvcheck.havells.com/main.html`. The page title is "Plant - PV Monitoring". The Havells logo is in the top left, and the user profile "Vikash ID:303277" is in the top right. The main content area is titled "Plant" and features a two-step progress indicator. Step 1, "Confirm Plant Description", is active and highlighted with a blue circle. Step 2, "Confirm Correlation Info", is shown in grey. Below the progress indicator, there are four form fields: "Plant Name" with the value "home", "Plant Type" with radio button options for Residential, Commercial, Industrial, and Utility-scale Rooftop, "Grid-connected Type" with radio button options for Distributed All Power on Grid, Distributed Self-use Residual Power on Grid, Off-grid, and Storage System, and "Plant Location" which includes a Google Map of Hauz Khas, New Delhi, India, and an address input field containing "Hauz Khas, New Delhi, Delhi, India".

Plant - PV Monitoring

Not secure | pvcheck.havells.com/main.html

HAVELLS Plant

Vikash ID:303277

1 Confirm Plant Description 2 Confirm Correlation Info

Plant Name: home

Plant Type:

- ☒ Residential Rooftop
- ☐ Commercial Rooftop
- ☐ Industrial Rooftop
- ☐ Utility-scale Rooftop

Grid-connected Type:

- ☐ Distributed All Power on Grid
- ☒ Distributed Self-use Residual Power on Grid
- ☐ Off-grid
- ☐ Storage System
- ☐ Utility-scale All Power on Grid

Plant Location:

Hauz Khas, New Delhi, Delhi, India

St. Mary's Orthodox Cathedral
Axis Bank
Paul's School
Anagram Architects
Rwandan High Commission
Dr Lal Path
Map data ©2019 Google | Terms of Use | Report a map error

Please Edit if Current Address is Inaccurate

Address: Hauz Khas, New Delhi, Delhi, India

How to Build a new plant

Step 3: click Satellite and switch to map mode, convenient to describe roof shape.

The screenshot shows the 'Plant' creation interface on the Havells PV Monitoring website. The browser address bar indicates the URL is `pvcheck.havells.com/main.html`. The user is logged in as 'Vikash' with ID '303277'. The form contains the following fields and options:

- Plant Name:** A text input field containing the value 'home'.
- Plant Type:** A group of radio buttons with the following options:
 - ☒ Residential Rooftop
 - ☐ Commercial Rooftop
 - ☐ Industrial Rooftop
 - ☐ Utility-scale Rooftop
- Grid-connected Type:** A group of radio buttons with the following options:
 - ☐ Distributed All Power on Grid
 - ☒ Distributed Self-use Residual Power on Grid
 - ☐ Off-grid
 - ☐ Storage System
 - ☐ Utility-scale All Power on Grid
- Plant Location:** A section featuring a Google Map. The map is currently in 'Satellite' view, showing a residential area in Hauz Khas, New Delhi. A blue location pin is placed on the map. Below the map, there is a text input field for the address containing 'Hauz Khas, New Delhi, Delhi, India' and a text display showing the coordinates: 'Longitude 77°12'0" Latitude 28°32'58" Sarvapriya Vihar Nearby'.

How to Build a new plant

Step 4 : fill rest details and click on next.

Plant - PV Monitoring

Not secure | pvcheck.havells.com/main.html

HAVELLS

Plant

Vikash ID:303277

Capacity (kWp)

5.00

Plant Time Zone

(UTC+05:30) Chennai,Kolkata,Mumbai...

Azimuth (°)

180°

Angle of Tilt (°)

0°

Currency

INR

Average Electricity Price(INR/kWh)

3.50

Desulphurization Feed-in Tariffs(INR/kWh)

1.5

Generation National FIT(INR/kWh)

0

Period (yr)

0

Generation Province FIT(INR/kWh)

0

Period (yr)

0

Generation City FIT(INR/kWh)

0

Period (yr)

0

Generation County

0

Period

0

Plant - PV Monitoring

Not secure | pvcheck.havells.com/main.html

HAVELLS

Plant

Vikash ID:303277

Generation City FIT(INR/kWh)

0

Period (yr)

0

Generation County FIT(INR/kWh)

0

Period (yr)

0

Constructing Cost(INR)

37500.00

Constructing FIT(INR)

0

Loan Proportion (%)

0%

Annual Loan Rate (%)

0

Period (yr)

0

Refund Method

Fixed Basis Mortgage

Fixed Payment Mortgage

Contact Number

0000000000

Next

How to Build a new plant

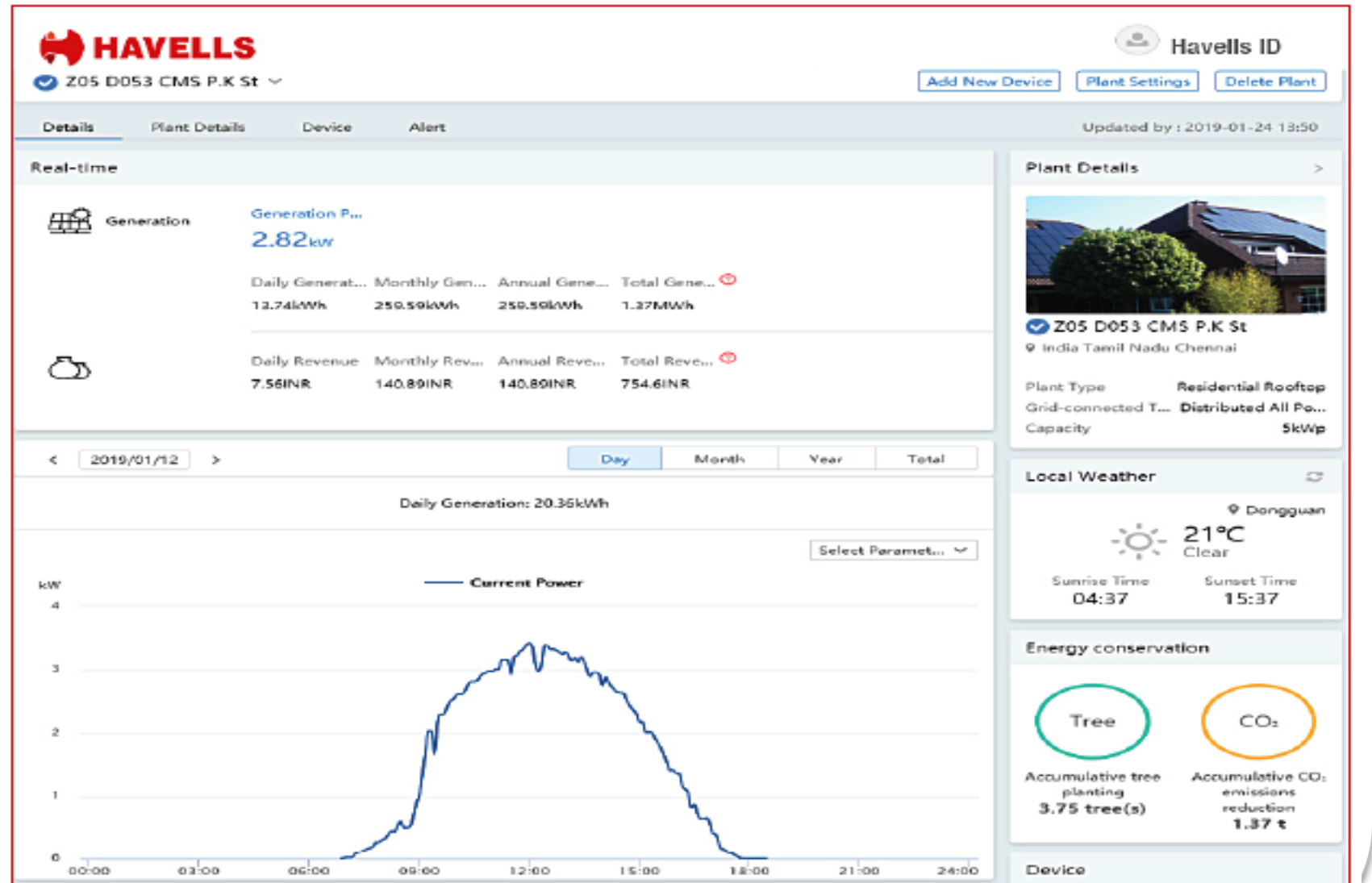
Step 5:

Click “Complete” and system will lead you a question that “do you want to add a new device now?”, if you know the data logger’s SN, we recommend you click “yes” and system will lead you to “Add a New Device” and type the data logger SN numbers one by one.

The screenshot displays the HAVELLS Plant - PV Monitoring web application. The browser address bar shows the URL: `pvcheck.havells.com/main.html?class=plant&subClass=overview&page=view`. The user is logged in as Vikash (ID:303277). The main interface includes a navigation bar with 'home', 'Details', 'Plant Info', 'Device', and 'Alerts' tabs. A modal titled 'Add New Device' is open, featuring a 'Device Type' dropdown set to 'Logger', an 'SN' input field, and 'Add' and 'Import' buttons. Below these, there are fields for 'SN' and 'Operation', with a note '(Not Available)' under 'Operation'. The background shows a 'Real-time' section with icons for a solar panel, a house, and a power line, and a 'Local Weather' section for Delhi showing 30°C and Haze.

Saving & Uploading data

- After finishing adding, plant will be “under construction”.
- The system is waiting for data logger to upload data. Please ensure Wi-Fi is powered ON and normal connection between inverter and data logger.
- Data logger will take time to upload the data to server , data will update after 10 minutes.



Dashboard



Plant Center

Device Center

Alert Center

Report Center

Work List Center

Search plant, device...



Havells ▾



Plant Center > Management > Overview > 15 KW HEMA GOVIND

Add New Device

Plants Settings

Deauthorize

Management

Overview

Details

Plant Info

Module Layout

Devices

Alerts

Incideny

Updated : 2020-03-27 09:01

Real-time



Generation

Production Power

5.78kW

Daily Peak Hours

3.07

Daily Production

5.72kWh

Monthly Producti...

1.14MWh

Yearly Production

1.14MWh

Total Production ?

4.46MWh



Daily Revenue

57.2INR

Monthly Revenue

11446.4INR

Annual Revenue

11446.4INR

Total Yields ?

44630INR



2020/03/27



Export detailed data

Day

Month

Year

Total

9:18:04

2020-03-27 Friday

Daily Production: 5.72kWh

Plant Info



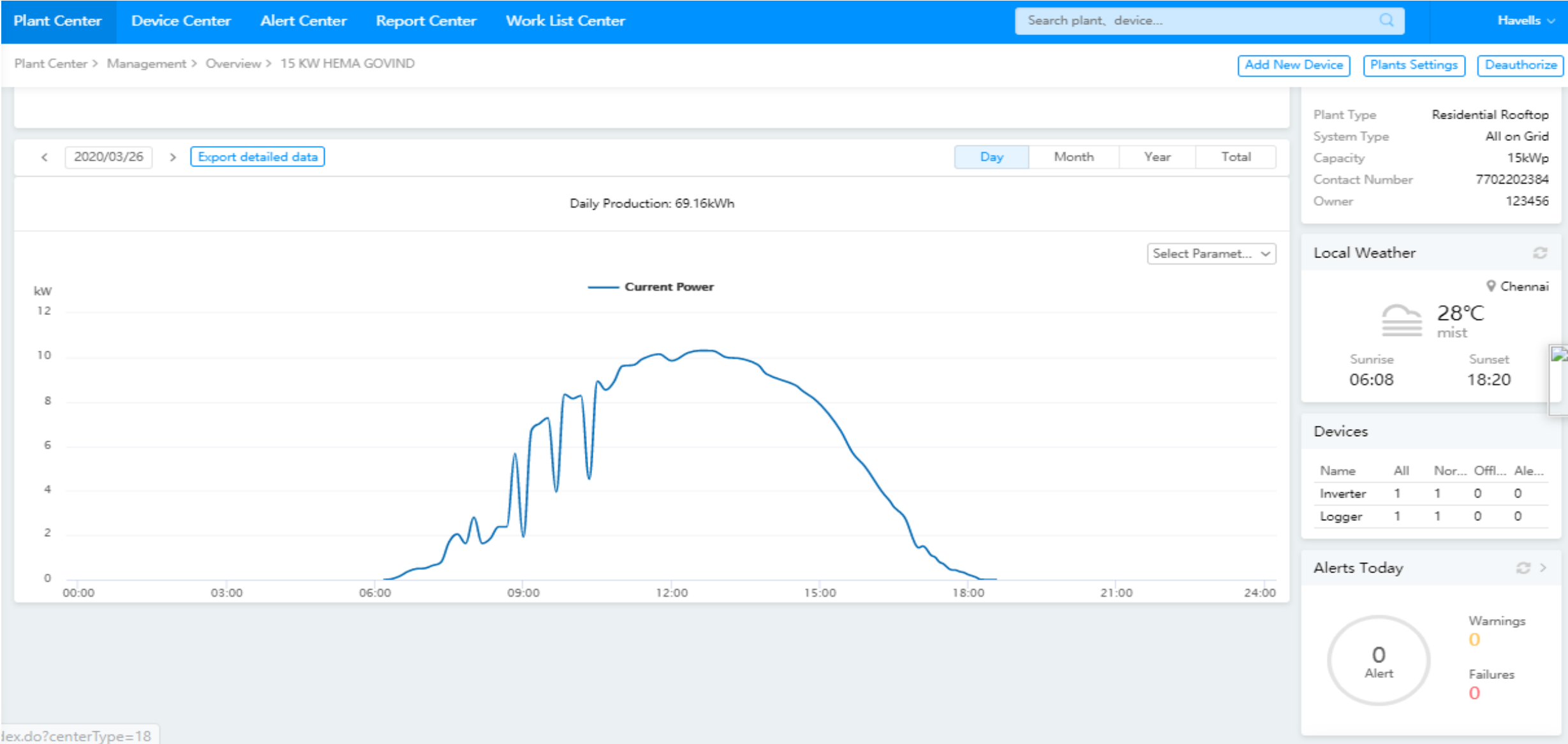
✓ 15 KW HEMA GOVIND

Kuppuswamy St, Parthasarathi
Puram, T. Nagar, Chennai, Tamil Nadu
600017, India

Plant Type Residential Rooftop
System Type All on Grid
Capacity 15kWp
Contact Number 7702202384
Owner 123456



Dashboard



Plant Center > Management > Overview > 15 KW HEMA GOVIND

Add New Device

Plants Settings

Deauthorize

< 2020/03/26 >

Export detailed data

Day

Month

Year

Total

Daily Production: 69.16kWh

Select Paramet...

kw

12

10

8

6

4

2

0

00:00

03:00

06:00

09:00

12:00

15:00

18:00

21:00

24:00

Current Power

Plant Type

Residential Rooftop

System Type

All on Grid

Capacity

15kWp

Contact Number

7702202384

Owner

123456

Local Weather

Chennai

28°C

mist

Sunrise

06:08

Sunset

18:20

Devices

Name	All	Nor...	Offl...	Ale...
Inverter	1	1	0	0
Logger	1	1	0	0

Alerts Today

0 Alert

Warnings

0

Failures

0

lex.do?centerType=18

Plant Info


Plant Center-Pro

Plant Center-Pro

Plant Center-Pro

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Plant Center

Device Center

Alert Center

Report Center

Work List Center

Search plant, device... 🔍

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<<

▼ Management

🏠 Overview

Plant Center > Management > Overview > 15 KW HEMA GOVIND

Add New Device Plants Settings Deauthorize

Details Plant Info Module Layout Devices Alerts Incideny

Plant Profile Edit

Plant ID 545366

Name 15 KW HEMA GOVIND

Location Kuppuswamy St, Parthasarathi Puram, T. Nagar, Chennai, Tamil Nadu 600017, India

Contact Number 7702202384

Plant Type	Residential Rooftop	Angle of Tilt	0 °	Constructing Cost	112500 INR
System Type	All on Grid	Benchmark Price	10 INR/kWh	Constructing FIT	0 INR
Loan Proportion	0 %	Capacity	15kWp	Annual Loan Rate	0 % Year
Time Zone	(UTC+05:30) Chennai,Kolkata,Mumbai,New D...	Generation Province FIT	0 INR/kWh 0Year	Refund Method	Fixed Basis Mortgage
Azimuth	180 °	Generation City FIT	0 INR/kWh 0Year	Generation County FIT	0 INR/kWh 0Year
Creation Time	2020-02-29				

9:37:46

2020-03-27 Friday

(UTC+05:30)

V1.7.1

solar.havells.com/epc/plantCreate/create/doPlantInfo.do?opType=1&plantId=545366&plantName=15 KW HEMA GOVIND

Edit



Device Connected





Details	Plant Info	Module Layout	Devices	Alerts	Incideny							
Inverter	Logger	Microinverter	Module	Weather Station	Meter	Battery	Power Supply					
Device Status	Name / SN	Brand	Current Genera...	Daily Produ...	Logger Status	Connected Logger	Communication Mode	Signal Strength	Valid until	Latest Alerts	Last Update ...	Operation
✓	Inverter SJ2ES150K...	Inverter	6.05kW	20.8kWh	✓	Logger 1703162723	WIFI	Updated 0...	--	GridUFP Alert Code...	09:55 2020-03-27	Delete
✓	Inverter SJ2ES150K...	Inverter	5.31kW	18.9kWh	✓	Logger 1703722621	WIFI	Updated 0...	--	PvIsoFault Alert Code...	09:52 2020-03-27	Delete

Plant Center > Management > Overview > dr Madan lal

Add New Device

Plants Settings

Deauthorize

Details		Plant Info		Module Layout		Devices		Alerts		Incideny							
Inverter		Logger		Microinverter		Module		Weather Station		Meter		Battery		Power Supply		Configuration Method 	
Device S...		Name / SN		Brand		Communicatio...		Signal Strength		Valid until		Connected Device (All/...		Latest Alerts		Last UpdateOperation	
		Data Logger 520608734		Solarman		WIFI		 Updated 09:30 2020-...		--		1/0/0		--		09:30 2020-03-27 	

Alerts

Plant Center-Pro

Plant Center-Pro

Plant Center-Pro

Plant Center-Pro

Plant Center-Pro


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Plant Center

Device Center

Alert Center

Report Center

Work List Center

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Management

Overview

10:01:59

2020-03-27 Friday

(UTC+05:30)

V1.7.1

Plant Center > Management > Overview > AKASHPOWER HOUSE

Add New Device

Plants Settings

Deauthorize

Updated: 2019-08-16 11:38

Details

Plant Info

Module Layout

Devices

Alerts

Incideny

Type	Importance ⬆️	Devices	Alert Details	Alert Code	Suggested Solution	Time ⬆️
Failures	General	Inverter SJ2ES150K56013	PvIsoFault	Byte6-bit7	Check the insulation resista...	2020-03-27 07:23 2020-03-27 07:23
Failures	General	Inverter SJ2ES150K56013	PvIsoFault	Byte6-bit7	Check the insulation resista...	2020-03-27 06:56 2020-03-27 06:56
Failures	General	Inverter SJ2ES150K56013	PvIsoFault	Byte6-bit7	Check the insulation resista...	2020-03-27 06:34 2020-03-27 06:34

View

20 ▾

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1

/ 1Page 3Results



MPPT Monitoring for 3 kW 1Phase GTi

Plant Center-Pro

Plant Center-Pro

Device Center-Pro

← → ↺ 🏠 ⓘ Not secure | solar.havells.com/index/setIndex.do?type=21 ☆ 📺 👤 ⋮

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Plant Center

Device Center

Alert Center

Report Center

Work List Center

Search plant, device...

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⏪

Device Center > Device List > Inverter > Inverter SA1ES030K61204

Edit Devices

Delete Devices

Device List

Inverter

Logger

DTU

Repeater

Microinverter

Module

Weather Station

Meter

15:03:42

2020-03-29 Sunday

(UTC+05:30)

V1.7.2

Details

Alerts

Updated: 2020-03-29 14:44

✓ Inverter

SA1ES030K61204

Brand Inverter

Plants [A M Basheer](#)

Logger [809464675](#)

AC Output Total Power... 1000W

Daily Generation (Active) 13.48kWh

Monthly Generation (A... 307.30kWh

Annual Generation (Ac... 963.03kWh

Total Generation (Active) 1335.00kWh

Inverter Temperature 59.00°C

Inverter Status Normal Operation

Performance Period 1377h

Production

	DC	Voltage	Current	Power		AC	Voltage	Current	Frequency
	PV1	356.40V	2.80A	997.91W	<div><div>DC/AC</div></div>	R	242.70V	4.10A	49.89Hz
	PV2	0.00V	0.00A	0.0W		S	0.00V	0.00A	49.89Hz
						T	0.00V	0.00A	49.89Hz

Temp




Unfold




MPPT Monitoring for 11 kW 3 Phase GTi


Plant Center-Pro x Device Center-Pro x Device Center-Pro x Device Center-Pro x Plant Center-Pro x Device Center-Pro x


Not secure | solar.havells.com/index/setIndex.do?type=21

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**HAVELLS**

Plant CenterDevice CenterAlert CenterReport CenterWork List Center

Search plant, device... 

Havells 

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Device List

Inverter

Logger

DTU

Repeater

Microinverter

Module

Weather Station

Meter



15:28:08
2020-03-29 Sunday
(UTC+05:30)
V1.7.2

Device Center > Device List > Inverter > Inverter SF4ES010K61481

Edit DevicesDelete Devices

DetailsAlerts

Updated: 2020-03-29 15:11

 Inverter 

SF4ES010K61481

BrandInverter

PlantsAshirwad

Logger1702824625

AC Output Total Power...7.02kW

Daily Generation (Active)54.49kWh

Monthly Generation (A...1383.48kWh

Annual Generation (Ac...3485.87kWh


Total Generation (Active)4859.00kWh

Inverter Temperature68.00°C

Inverter StatusNormal Operation

Performance Period1400h

Production

	DC	Voltage	Current	Power		AC	Voltage	Current	Frequency
	PV1	575.60V	6.70A	3.85kW		R	250.40V	9.20A	49.88Hz
	PV2	516.00V	6.40A	3.30kW		S	254.30V	9.20A	49.88Hz
						T	250.80V	9.30A	49.88Hz

Temp Unfold

MPPT Monitoring for 50 kW 3 Phase GTi

Plant Center-Pro

Plant Center-Pro

Device Center-Pro

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Plant Center

Device Center

Alert Center

Report Center

Work List Center

Search plant, device...

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Device List

Inverter

Logger

DTU

Repeater

Microinverter

Module

Weather Station

Meter

10:11:40

2020-03-27 Friday

(UTC+05:30)

Device Center > Device List > Inverter > Inverter SJ2ES150K56007

Edit Devices

Delete Devices

Updated: 2020-03-27 10:01

Details

Alerts

Inverter

SJ2ES150K56007

Brand

Plants

Logger

Inverter

AKASHPOWER HOUSE

1703162723

AC Output Total Power...

Daily Generation (Active)

Monthly Generation (A...

Annual Generation (Ac...

Total Generation (Active)

7.24kW

21.30kWh

5061.60kWh

14601.09kWh

43158.00kWh

Inverter Temperature

Inverter Status

Performance Period

31.00°C

Normal Operation

2937h


Production

DC	Voltage	Current	Power		AC	Voltage	Current	Frequency
PV1	709.30V	5.30A	3810.00W		R	254.50V	9.80A	50.14Hz
PV2	690.30V	2.60A	1780.00W		S	252.10V	9.60A	50.14Hz
PV3	660.70V	2.90A	1920.00W		T	251.70V	9.60A	50.14Hz

DC/AC

See More

String Monitoring for 25 kW, 30 kW, 33 kW, 50 kW & 60 kW



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Device List

Inverter

Logger

DTU

Repeater

Microinverter

Module

Weather Station

Meter

9:12:20
2020-03-31 Tuesday
(UTC+05:30)

Plant Center

Device Center

Alert Center

Report Center

Work List Center

Search plant, device...

Havells

Device Center > Device List > Inverter > Inverter 001703742915-001

Edit DevicesDelete Devices

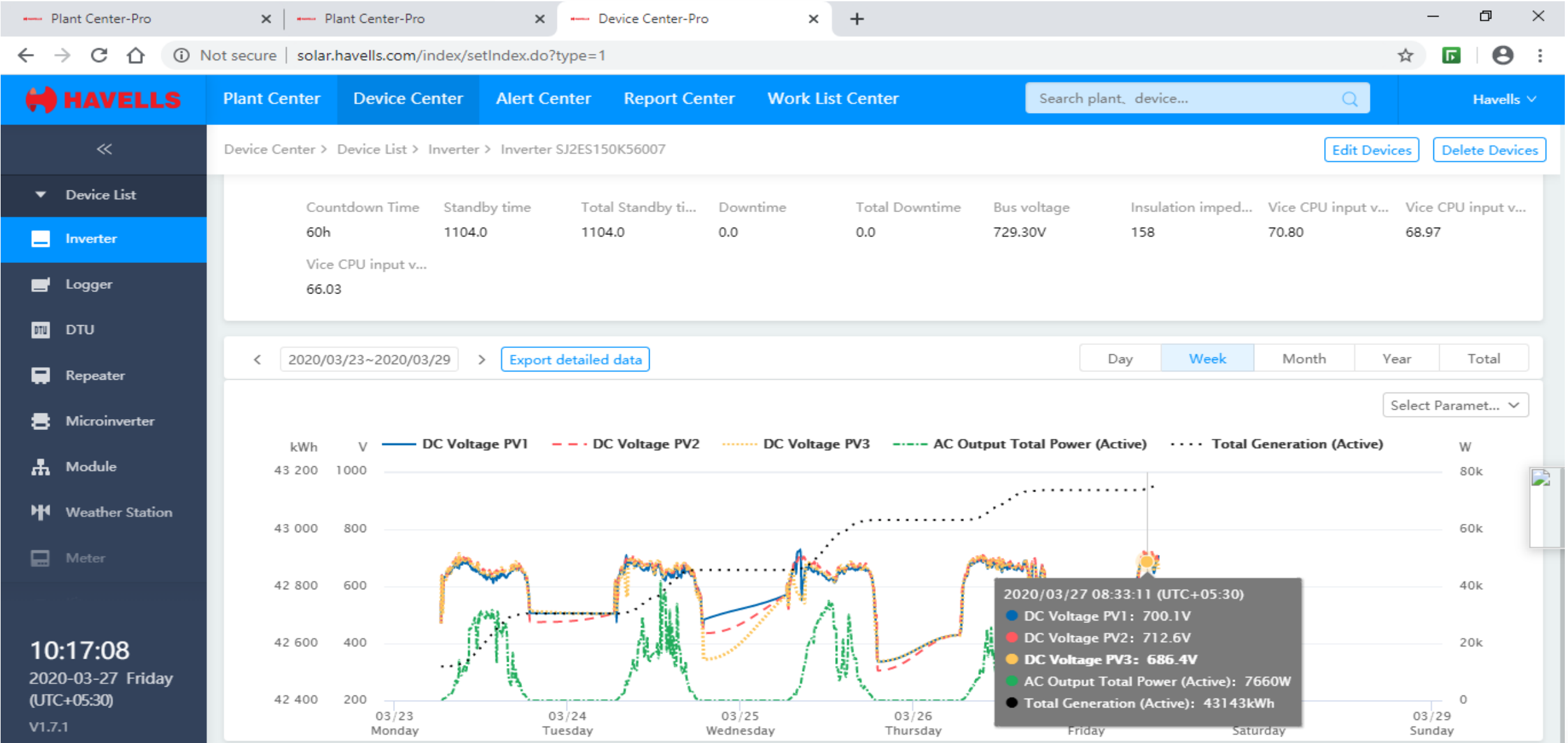
Production

	DC	Voltage	Current	Power
	PV1	674.20V	4.70A	3.16kW
	PV2	674.20V	6.00A	4.04kW
	PV3	674.80V	6.00A	4.04kW
	PV4	674.80V	5.90A	3.98kW
	PV5	680.90V	5.90A	4.01kW
	PV6	680.90V	5.90A	4.01kW
	PV7	678.10V	5.90A	4.00kW
	PV8	678.10V	5.90A	4.00kW
	PV9	685.20V	5.80A	3.97kW
	PV10	685.20V	5.70A	3.90kW
	PV11	685.10V	2.80A	1.91kW
	PV12	685.10V	0.00A	0.0W

DC/AC

AC	Voltage	Current	Frequency
R	--	--	--

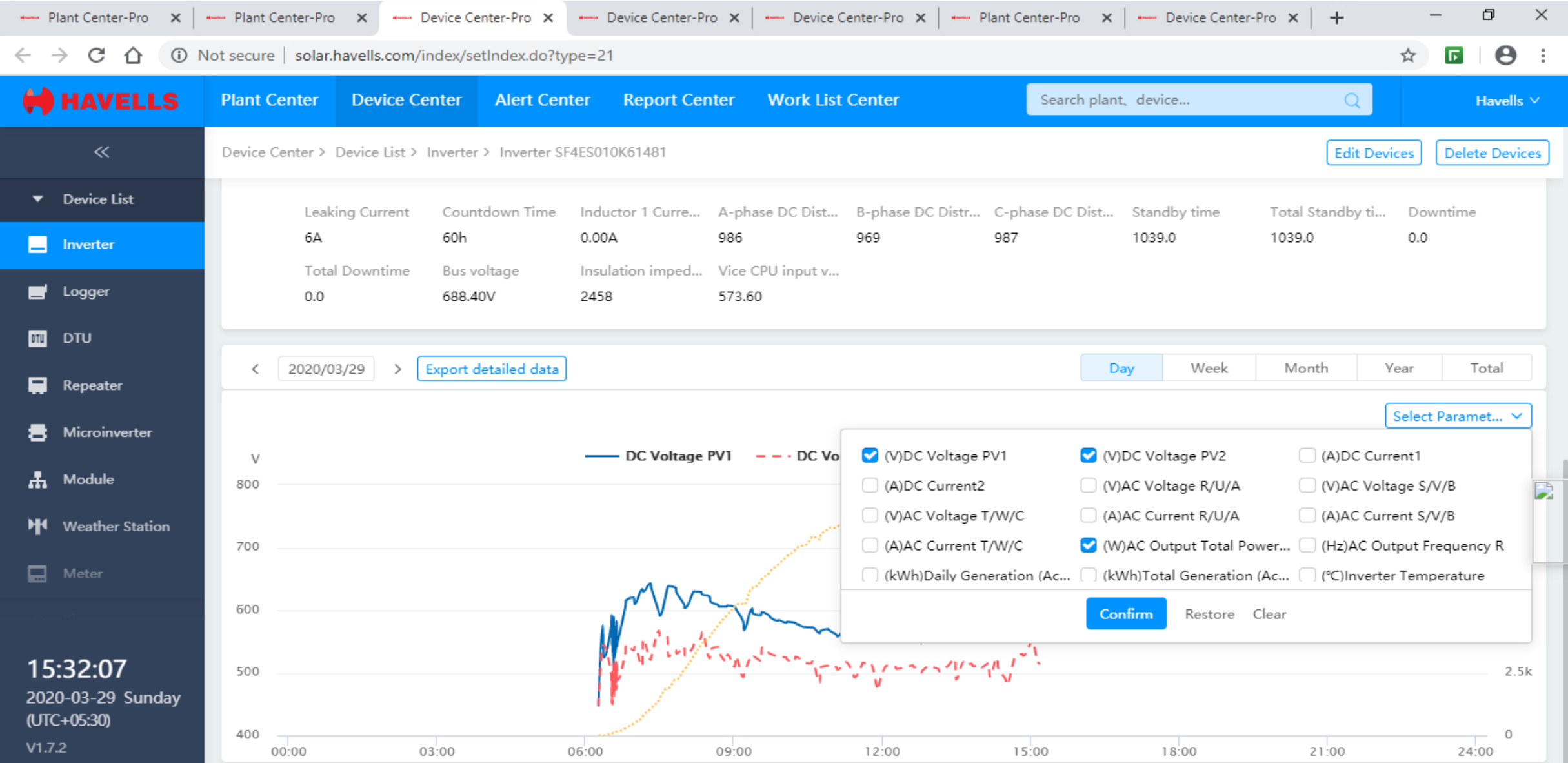
Graphs



CLASSIFICATION | PUBLIC

HAVELLS

Graphs



CLASSIFICATION | PUBLIC

HAVELLS


Report Generation

Report Center

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☆ 📄 👤 ⋮

 **HAVELLS**

Plant Center Device Center Alert Center **Report Center** Work List Center

Search plant, device... 🔍

DEESOUTH ▾

<<

Report Center

All Reports

Report Center > Report Management > All Reports [Create Report](#)

	Report Name	Report Type	Country / ...	Province	City	Time	Report Generated Date	Operation
<input type="checkbox"/>	HavellsDEESOUTHPower generation report of pow...	Plant Ge...	All	All	All	2019Year01Month 2019Year12Month	2019-12-28	Download Edit Delete
<input type="checkbox"/>	HavellsDEESOUTHPower generation report of pow...	Plant Ge...	All	All	All	2019Year11Month	2019-12-28	Download Edit Delete
<input type="checkbox"/>	HavellsDEESOUTHPower generation report of pow...	Plant Ge...	All	All	All	2019Year12Month	2019-12-28	Download Edit Delete
<input type="checkbox"/>	HavellsDEESOUTHPower generation report of pow...	Plant Ge...	India	Tamil Na...	Chennai	2019Year01Month	2019-12-28	Download Edit Delete

View 20 ▾

« < 1 > »

1 / 1Page 4Results

18:46:35

2020-03-29 Sunday

(UTC+08:00)

Report Generation

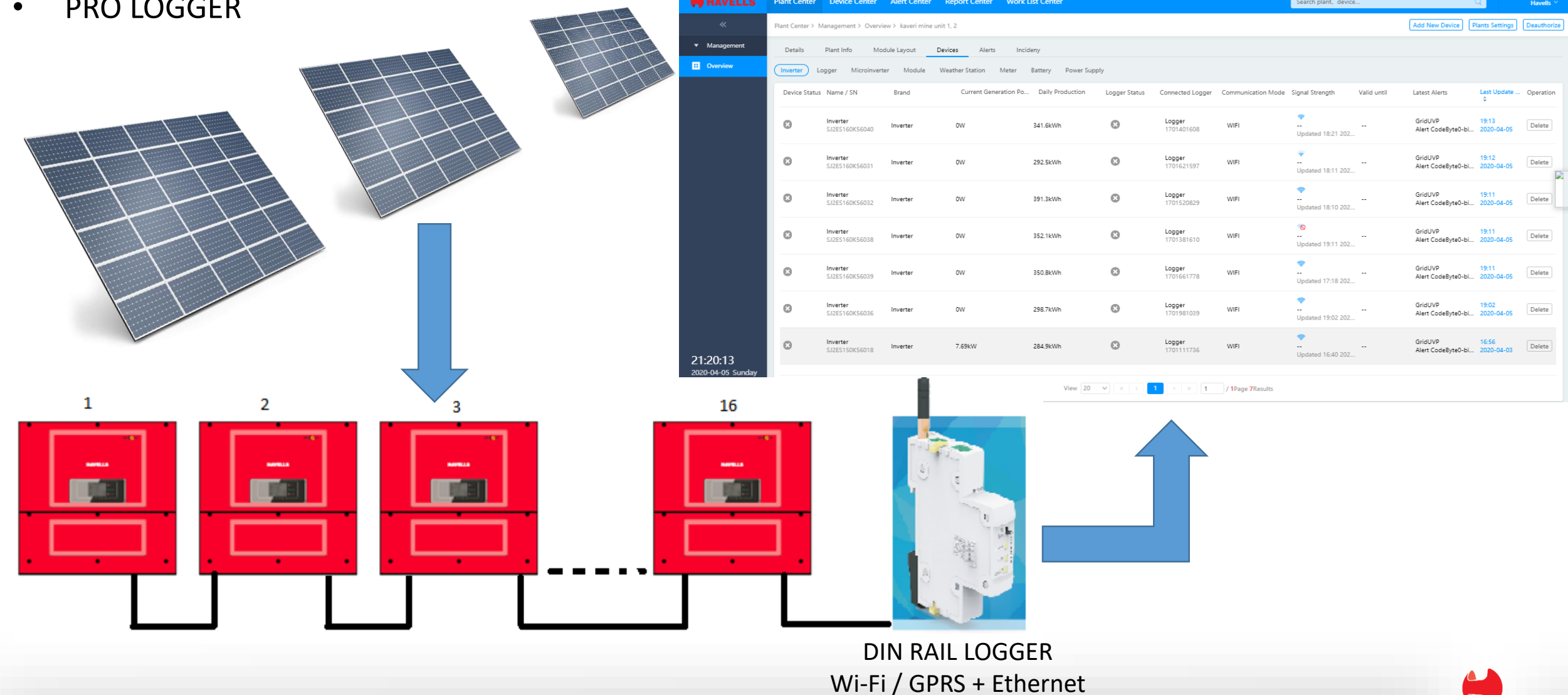
HAVELLS INDIA LIMITED - Power generation report of Solar Power Plants

Name	Country	Province	City	Address	Mobile	Site Capacity(kWp)	Total(kWH)	2019 Year						2020 Year	
								7	8	9	10	11	12	1	2
swasthi heeravastugramam	India	Kerala	Cochin	Kerala Cochin	9947269145	5	4354.39	420.49	375.38	508.98	567.39	620.53	588.27	645.04	628.31
Sunbeam industrial	India	Delhi	Delhi	Keshopur, Vikaspuri, Delhi, 110018, India	9599035315	5.2	3576.49	162.16	452.15	503.27	607.61	442.66	367.35	450.53	590.76
Bhishan singh	India	Haryana	Bhiwani	Sector 26, Bhiwani, Haryana 127021, India	9416148998	10	4505.85	994.65	952.01	733.38	587.31	252.18	143.32	303.86	539.14
Chackamvelil	India	Kerala		Zachariah		5	4627.17	510.41	444.84	568.61	602.13	575.16	581	678.31	666.71
Cherian Elias	India	Kerala	Kottayam	Kerala Kottayam	9847035737	5	3969.21	378.09	440.13	455.4	408.38	576.71	444.87	640.33	625.3
Abraham Kuriakose_5.2kWp	India	Kerala	Kochi	IndiaKeralaErnakulamVaduthalaKochi		5.2	4239.79	382.96	420.14	561.08	569.22	565.72	519.18	599.17	622.32
AnoofAli_3kWp	India	Kerala	Kochi	Anoof Ali_3kWp		3	2555.99	310.02	303.94	324.54	309.99	349.67	174.81	400.68	382.34
Mr.Batth	India	Chandigarh	Chandigarh	Sector 15, Chandigarh, 160015, India	9878602133	8	4181.78	691.13	747.16	661.36	574.69	416.13	372.56	235.22	483.53
Rajeshmalik MA238, mapasko city sector 26	India	Haryana	Sonipat	IndiaHaryanaSonapatSonipat Sector 26	7700007787	5	322.02	116.92	47.47	81.26	45.22	10.37	5.92	14.86	
Ganpati Dyeing	India	Gujarat	Surat	249 G.I.D.C., Pandesara Surat Gujarat	9714000452	5	39407.4	5023.1	4550.6	4235.7	5747	4981	4470.3	5339.7	5060



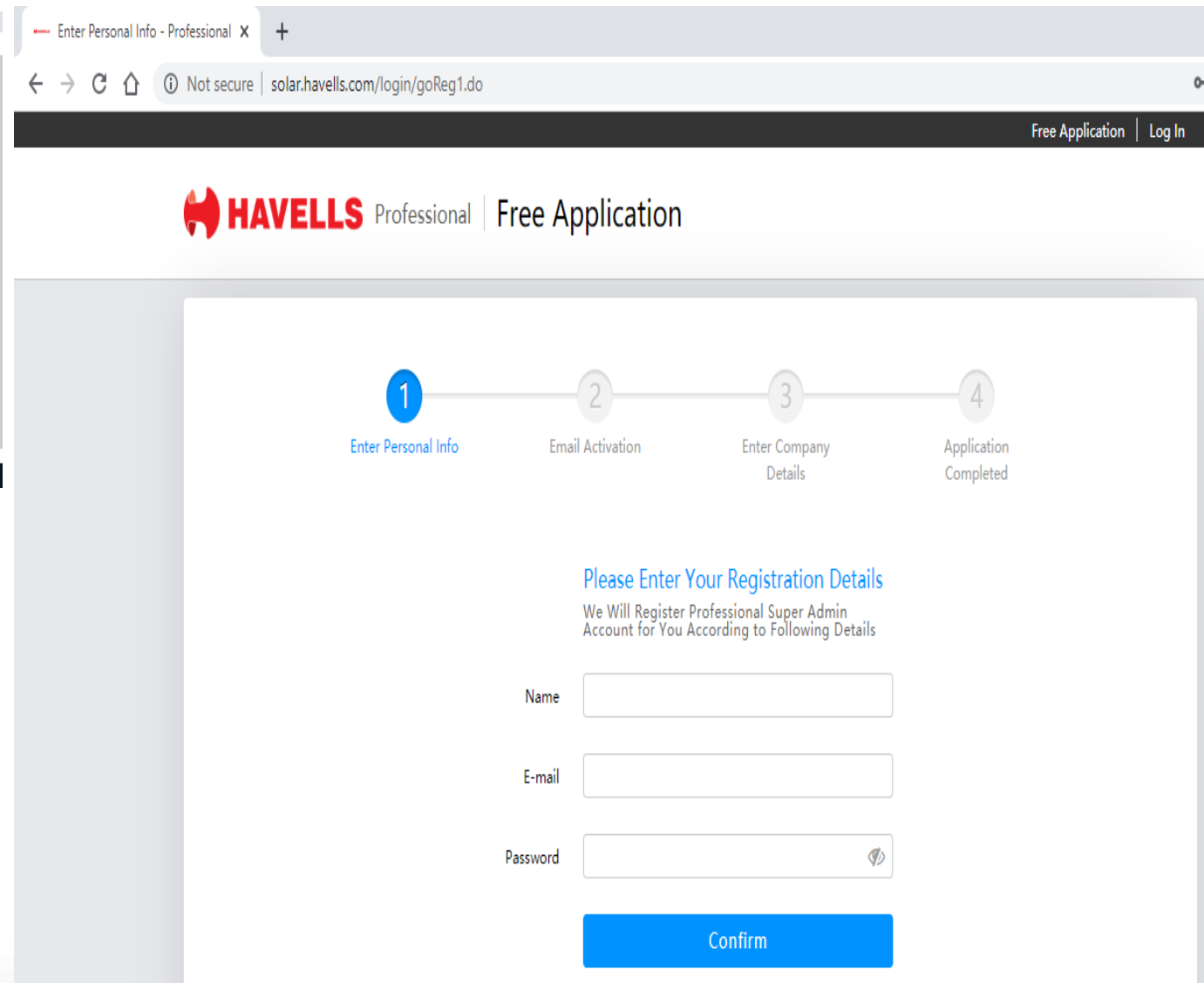
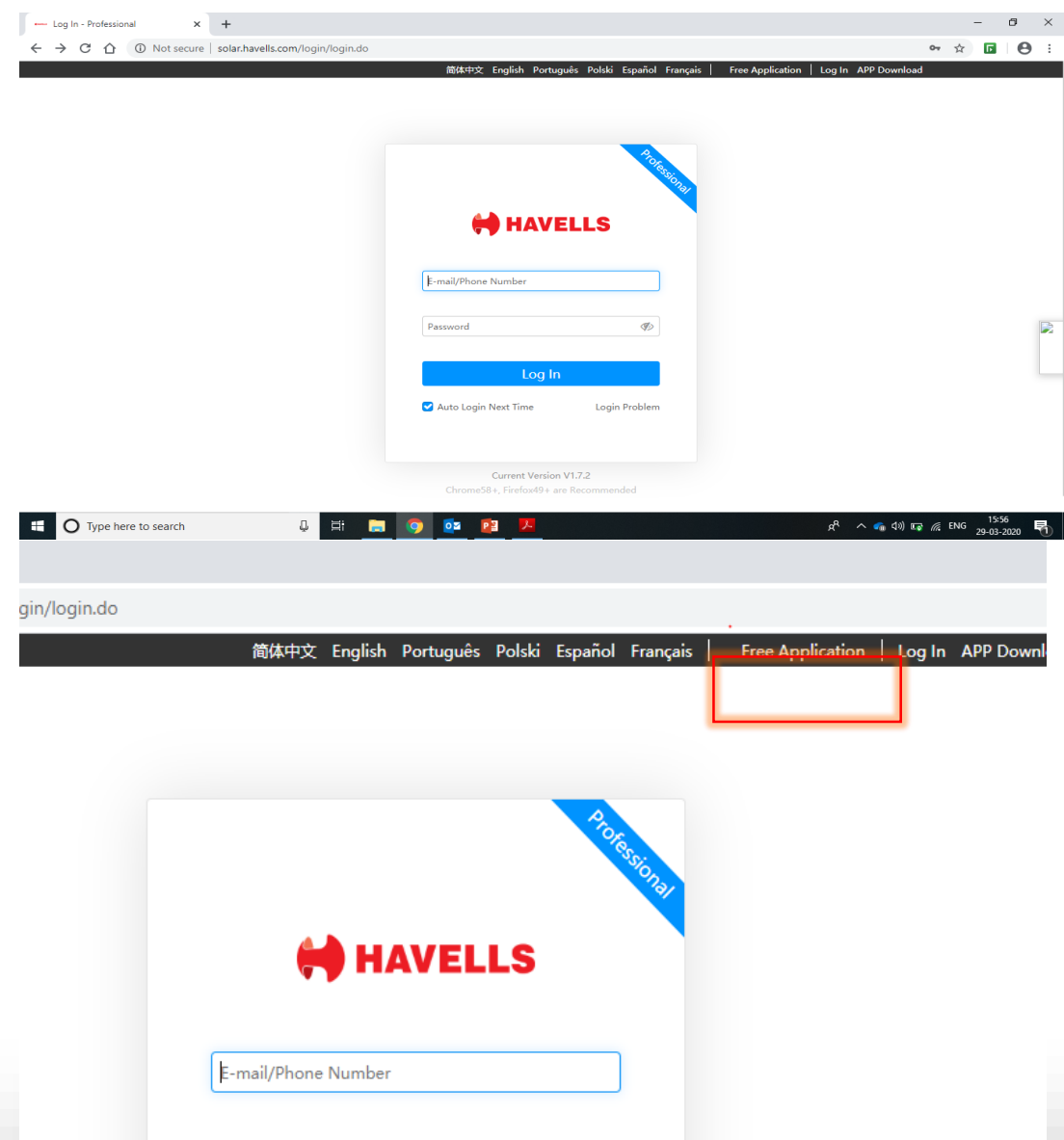
Solution for multiple inverters in a large site.

- DIN RAIL LOGGER
- PRO LOGGER



Single Login for System Integrator to monitor all installation.

Log on to “ solar.havells.com”



Single Login for System Integrator to monitor all installation.

Plant Center-Pro

Not secure | solar.havells.com/index/setIndex.do

DEESOUTH

HAVELLS

Plant CenterDevice CenterAlert CenterReport CenterWork List Center

Search plant, device...

<<

Management

Overview

Plant Center > Management > Overview >

StatusRegionPlant TypeCapacityName : None

Clear

Set visible fieldBuild Plant

Real-timeIncideny

Operating StatusUpdated : 2020-03-29 16:10

70

Total Plants

Normal51

Alerts11

Offline4

Constructing4

Generation OverviewUpdated : 2020-03-29 16:10

100.49kW

Total Power

479.00kWp

Installed Capacity

Daily Production1.10MWh

Monthly Production37.37MWh

Total Production311.33MWh

Within an Hour AlertsUpdated : 2020-03-29 16:10

33

Alert

Warnings0

Failures33

16:08 COMMUNITY -D197 RAJIV GANDHISALAI...

List Mode

Stat...	Name /...	Plant Type	Capacity	Owner I...	Producti...	Daily Prod...	Daily Gener...	Today's...	Last Update Ti...	Operation
<input type="checkbox"/>	<div>AMMA ... H/15...</div>	Commerci...	5kWp	Chenna...	<div>0W</div>	0kWh	<div>024</div>	GridUV... 16:05 2...	15:58 2020-03-29	<div>Devices</div> <div>Association Re...</div> <div>Edit</div> <div>Deaut...</div>

☐ Select All

Authorize in Batch

18:41:32

2020-03-29 Sunday

(UTC+08:00)

V1.7.2

Frequently Asked Questions

1. How many inverter (Wi-Fi / GPRS Logger) can be connected to one site.

Ans: In case of Wi-Fi if the site had Wi-Fi connectivity we can connect any nos of inverter for single site subject to proper Wi-Fi Connectivity to all the data logger.

For GPRS we need the SIM Card to connect any number of inverter.

2. For GPRS what is the type of SIM Required and what is the data requirement.

Ans: we need to use VODAFONE SIM with 2G network Only.
The data plan of mobile operator required is 250 MB per month.



Weather Station System



Basic Components of Weather Station



Pyranometer sensor



Ambient temperature +
ambient humidity sensor



Module temperature sensor



Wind speed sensor



Wind direction sensor



Sensor Logger

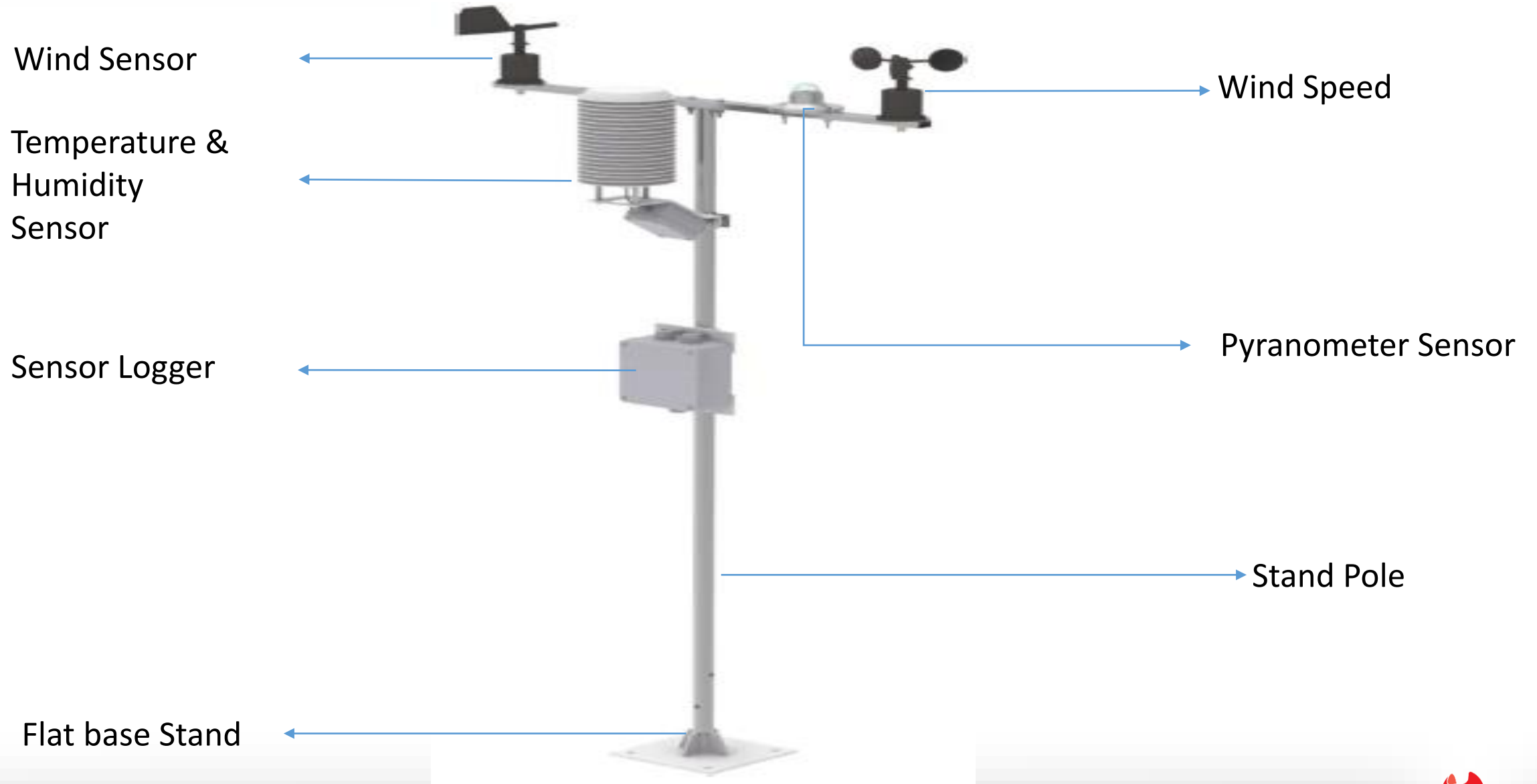


Flat base stand



Lightning rod

Installation Diagram



Features of Weather Station

- Accurate Real time and historical data
- Enabling comprehensive evaluation of system parameters
- Daily PR (performance ratio data)
- High accuracy sensors
- Area Covered 250 m * 250 m

Weather Station:SLGS0045DC0CC0D86935



Online

2020/03/29 23:00:00 UTC+08:00

Details Alert Architecture Operation Log

Wind Direction Instantaneous Value: 100 °	Wind Speed Instantaneous Value: 2.2 m/s	Air Temperature: 47.48 °F
Temperature Coefficient-Module Power: 0.41 %	Relative Humidity: 87.2 %	Atmospheric Pressure: 1018.1 hPa
Horizontal Irradiation: 0 W/m ²	Irradiation of inclined plane: 0 W/m ²	Daily Horizontal Irradiation: 1.10 kWh/m ²
Daily Irradiation- Inclined Plane: 1.06 kWh/m ²	Daily Theoretical Production: 27.14 kWh	

Historical Data

Select Parameters

2020/03/23 ~ 2020/03/29

Export

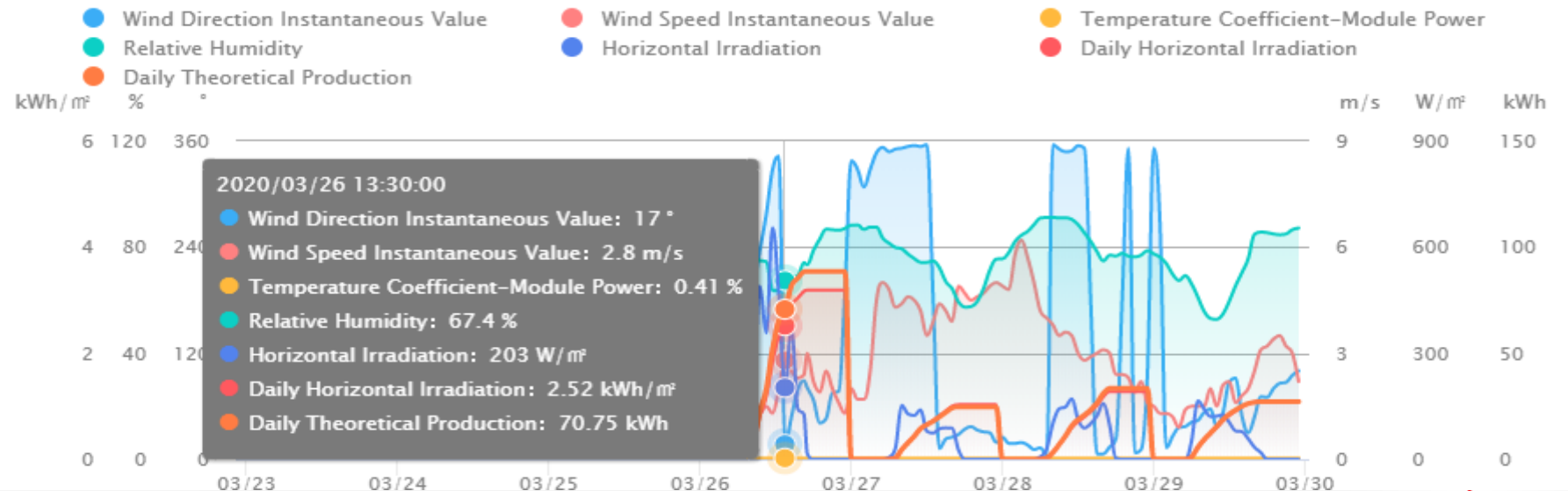
Day

Week

Month

Year

Total



Dashboard



O&M

Applications

Management



English



Plants

Dashboard

Plants

Alerts in Plant

Devices in Plant

Total 4 Plant(s)

COM Status



Partially Offline



No Alerts

2020/03/29 21:25:11 UTC+08:00

Name/Location



Demo plant-Commercial



Demo plant-Micro inverte



Demo plant-Storage Syst

Select All

View: 20



You are not the manager of this plant. Click here to view permi...



Edit Tags

Details

Sub-system/Device

Alerts

Layout

Maintenance Record

About

Authorizations

Historical Production

Select Parameters



2020/03/25



Day

Month

Year

Total

Daily Production: 140.38 kWh

Peak Hours Today: 3.93 h

Daily Irradiation: 5.09 kWh/m²

Daily Production (Theoretical): 138.96 kWh

Daily PR: 77.38%

Daily CPR: 75.85%

Production Power

Weather

Temperature

Irradiance

kW

°F



W/m²

32

80

1000

24

60

750

16

40

500

8

20

250

0

0

0

00:00

03:00

06:00

09:00

12:00

15:00

18:00

21:00

v3.5.215

CLASSIFICATION | PUBLIC



HAVELLS

Dashboard



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Applications

Management



English



Plants

Dashboard

Plants

Alerts in Plant

Devices in Plant

Total 4 Plant(s)

COM Status

Partially Offline

No Alerts

2020/03/29 21:25:11 UTC+08:00

Name/Location

☐ Demo plant-Commercial

☐ Demo plant-Micro inverte

☐ Demo plant-Storage Syst

You are not the manager of this plant. Click here to view permi...



Edit Tags

Details

Sub-system/Device

Alerts

Layout

Maintenance Record

About

Authorizations

Historical Production

Select Parameters



2020/02



Day

Month

Year

Total

Monthly Production: 2.8 MWh

Peak Hours this Month: 78.58 h

Monthly Irradiation: 89.82 kWh/m²

Monthly PR: 87.49%

Monthly CPR: 82.69%

Monthly Production (Theoretical): 2.55 MWh

Daily Production

Daily Weather

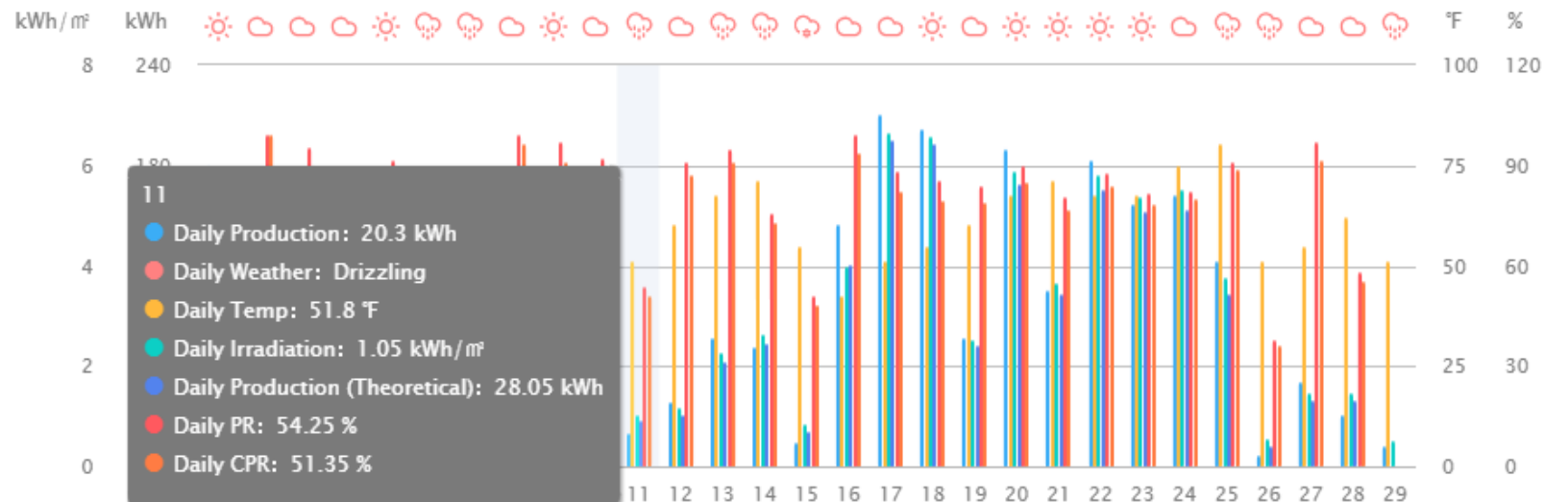
Daily Temp

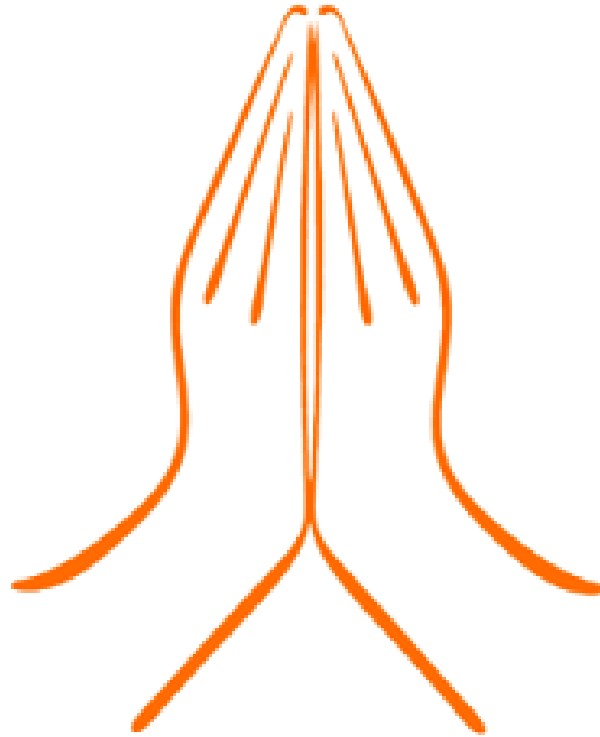
Daily Irradiation

Daily Production (Theoretical)

Daily PR

Daily CPR





THANK YOU