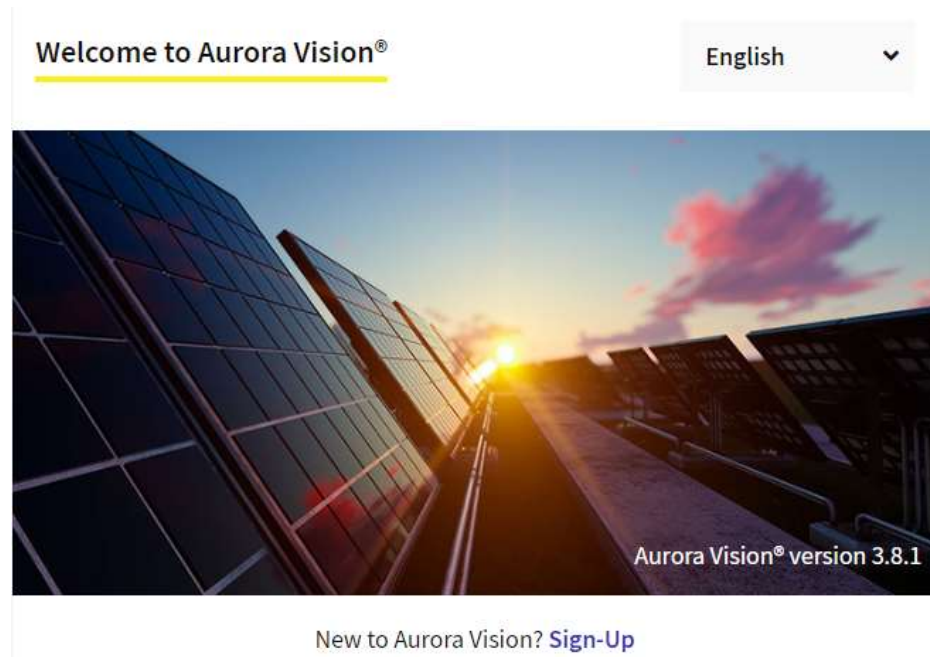




LOW CARBON ENERGY TRACKING



For low carbon energy tracking, Chitkara University uses 2 solar cloud-based services, isolarcloud by Sungrow and aurora vision by Fimer.



iSolarCloud Plant Name/Device Name/Device SN

Plant

Device All(2) Following(2) Normal(2) Abnormal(0) Offline(0) Commissioning Unfinished(0)

Plant Name	Status	Plant Type	Installed Power
 Chitkara University - 200 kWp Chandigarh-Patiala National Highway (...)	<input checked="" type="checkbox"/> Normal	Commercial PV	200 kWp
 Chitkara University - 350 kWp Chitkara University, Rajpura Punjab	<input checked="" type="checkbox"/> Normal	Commercial PV	350 kWp

Main...

Report

Supp...

Screenshot of the iSolarCloud service which shows data tracking of 200 kWp and 350 kWp capacity solar plants

< Chitkara University - 200 kWp

Overview

Device

Fault

Curve

Settings

Plant Configuration

Status: ✔ Normal

☁ --°C



156.2 kW



Real-time Power

156.2 kW

Installed Power

200 kWp



Inverter 50 kw Pythagor... ▾

Day

Week

Month

Year

Custom



Jul/2024



1 day ▾

 Filter



▾ Power(kW)



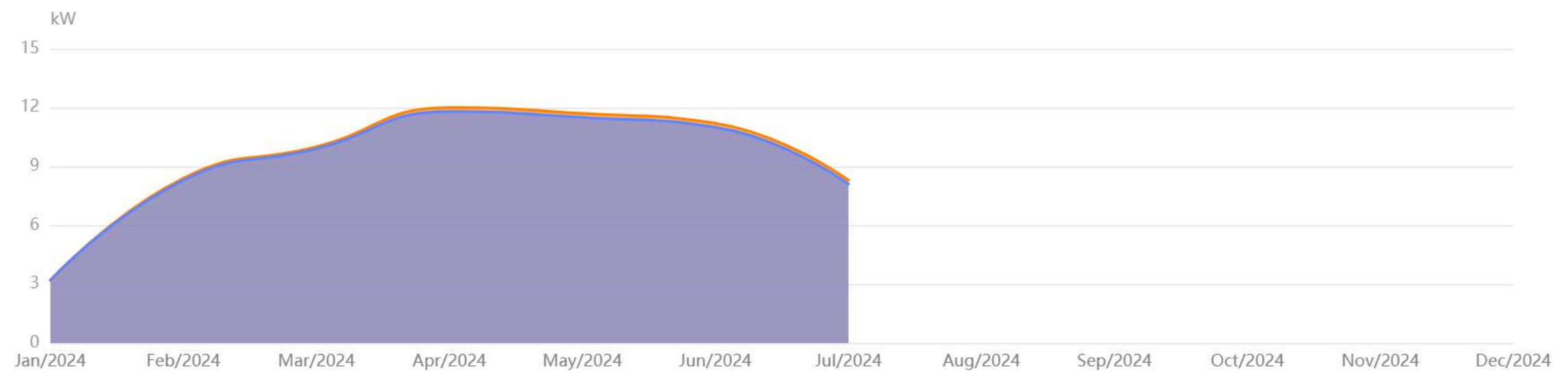
Inverter 50 kw Pythagor... ▾

Day Week Month **Year** Custom

< 2024 >

1 mon ▾

Filter



Power(kW)

Total DC Power Total Active Power

Device

Device List

Fault List

Settings

< Device Information

Plant Name: Chitkara University - 200 kWp Device Model: SG110CX

General Information

Fault

Curve

Settings

Rockefeller 100kwp

Day

Week

Month

Year

Custom

<

Jul/2024

>

1 day

▼

Filter



kW

88
22

01/Jul/2024

05/Jul/2024

09/Jul/2024

13/Jul/2024

17/Jul/2024

21/Jul/2024

25/Jul/2024

29/Jul/2024



SG110CX_001_001



Day

Week

Month

Year

Custom



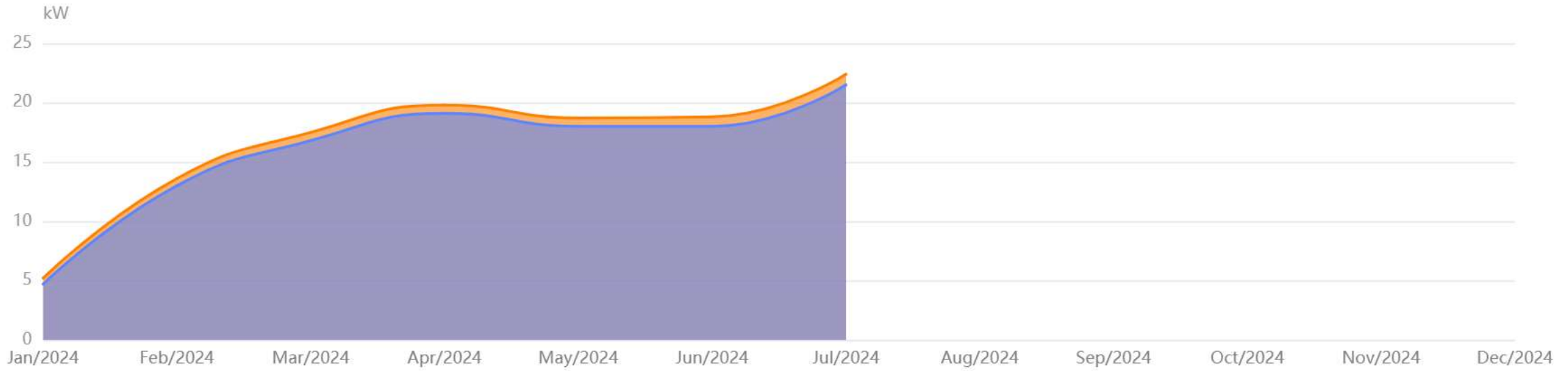
2024



1 mon



Filter



▼ Power(kW)

— Total DC Power

— Total Active Power

Activate Windows
Go to Settings to activate Windows





24433464

Chitkara University



Portfolio

Plants	1
Installed Capacity	300.30 kW

Produced Energy

Today	312.72 kWh	This Month	6.15 MWh
This Week	1.38 MWh	This Year	179.69 MWh

List

Grid

Map

STATUS	Plant	PERFORMANCE	REGISTRATION DATE	SYSTEM SIZE	STATE
	Chitkara University	Click to configure	2020-09-03	300.30 kW	ACTIVE

Plants: 1 < 1 >



24433464

Chitkara University



Plants > Dashboard

Chitkara University

2024-07-08 11:27 GMT+5:30

Plant Info

Installed Capacity

Chandigarh-Patiala National Hi
F

Location

Plant Status

■ 1 Active Event



Produced Energy

Today **331.92** kWh

This Week **1.40** MWh

This Month **6.17** MWh

Lifetime **869.97** MWh

Weather



31.7 C
Cloudy High



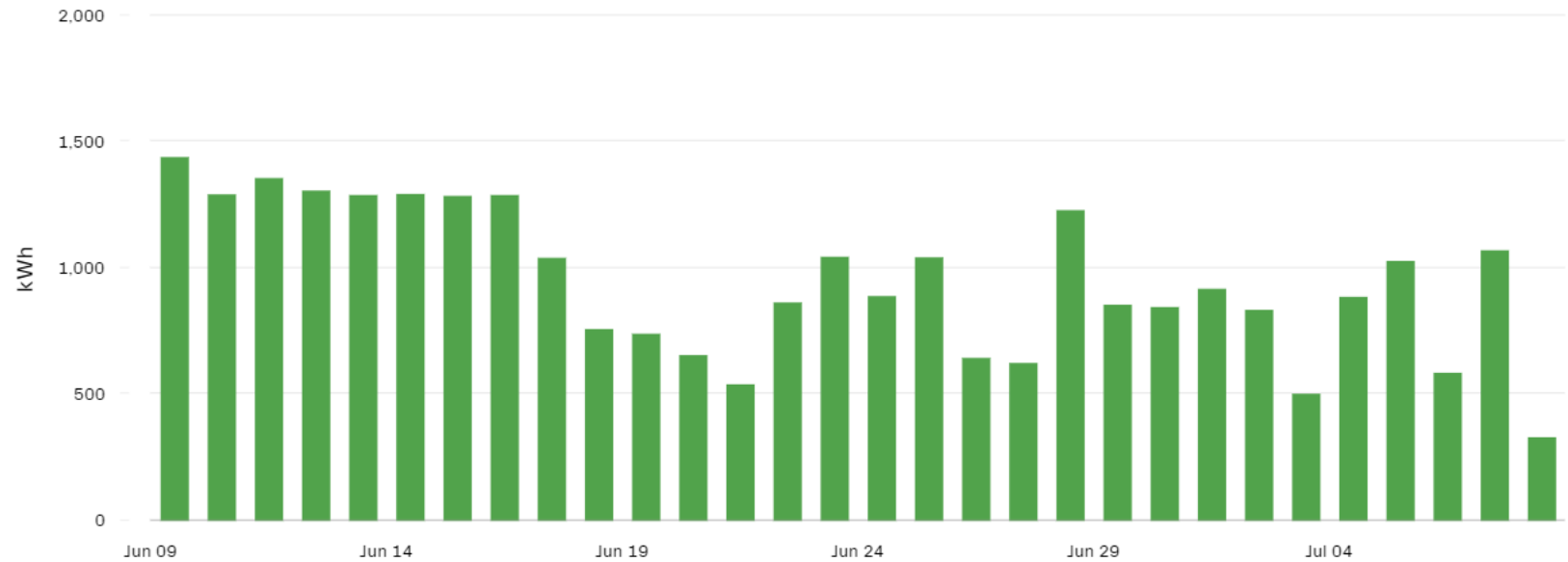
Plant Performance



Device Performance

Download CSV

Generated Energy 28.53 MWh



Energy production by solar energy in the month of June, 2024

Environmentals




Greenhouse Gases Avoided

by use of renewable energy

CO ₂	Carbon Dioxide	1,540,739.31	kg
NO _x	Nitrogen Oxide	756.01	kg
SO ₂	Sulfur Dioxide	44.55	kg

Environmental Benefits

obtained since 2020-09-03

	The greenhouse gases that 339.68 passenger cars emit over 1 year
	The energy to power 6,692.09 computers for 1 year
	The energy to operate a TV for 6,046,302.17 hours

Environmental benefits of avoided green house gas emissions by using solar energy