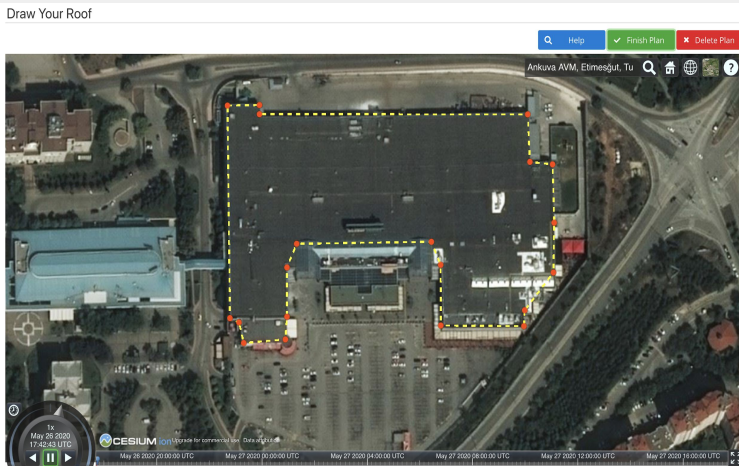# SolarUpp

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SOLARUPP

SolarUpp is a greenfield software project that aims to combine feasibility study for solar energy of roofs, and maintenance of the solar systems.

Find Your Address

Users can draw the perimeters of their roof to start feasibility study

Feasibility Study

Using both user and already available information, a feasibility study can be done for a roof. Available space is found with image processing

Your Roof - Ankuva

Building Properties

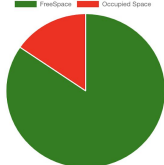|	
Free Space m²:	4433.139577
Occupied Space m²:	808.5959953
Latitude:	39.88389369
Longitude:	32.75534753
Building Type:	Industrial Est.
Roof Angle:	35
Monthly Elecricity Consumption (kWh):	830

⚠ If you know exact values for your building, please enter them.

[Save changes]

[Calculate Feasibility]

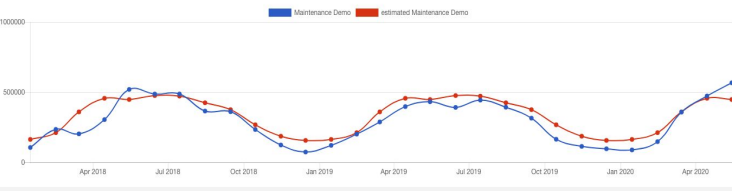### Your Detected Edges On The Roof

Free Space vs Occupied Space

Track Your System

Users with solar systems can see their systems' performance and compare to our estimates.

System Generations

List of Your Systems

Name of the System	Location	System Size	Inverter Size	Number of Panels	Age of the System
Maintenance Demo	West Sussex	3910	4000	10	2

[Select .csv file to upload generation log] [ ] [Remove File]

Rows found: 0

[⬆ Upload generation log for the selected file]

[Delete Selected System]

Customize Your Plan

Users can create solar plans with some of the popular products.

Solar Plans

List of Solar Plans

	Solar Panel	Inverter	Energy Production mWh(Annual)	Carbon Foot Print	Estimated Profit(25 Year)	Panel Efficiency (%)	Cost	
☐	Default	Default	220000		11200	28	100000	🔍
☐	A Marka	C Marka	150000		3000	22	40000	🔍
☐	X Marka	S Marka	135000		3000	22	35000	🔍

[Compare Solar Plans]

[Add New Solar Plan]

Inverters

List of Inverters

Name:	Huawei Sun2000-12 KTL	[Select]
Efficiency:	98%	[Detail]
Peak AC Power:	12000 W	
Price:	13000 ₺	

Name:	GoodWe Trifaze	[Select]
Efficiency:	98%	[Detail]
Peak AC Power:	10000 W	
Price:	14000 ₺	

Solar Panels

List of Solar Panels

Panel Name:	Suneng 390 Watt Perc Monokristal	[Select]
Peak Power:	390W	[Detail]
Efficiency:	19%	
Price:	1340 ₺	
Panel Type:	Mono	

Panel Name:	LG NeON2 LG-335N1K-V5 Black/Black Mono	[Select]
Peak Power:	335W	[Detail]
Efficiency:	20%	
Price:	1700 ₺	
Panel Type:	Mono	

Feasibility Report

The results of a feasibility study is displayed with estimated production and long term use results.

Your Results

Your Annual Energy Production: 68052.38 (kWh)

Free Space for Solar Panels: 258.50 m²

Saving for 25 Years: 177889 (₺)

Cut Carbon Footprint: 5.32 tons