



for a world run by the sun





## **A BIT ABOUT ORBIT ENERJI**

### **Who are We?**

Orbit Enerji Inc. Co. is the group company of Deka Digital Inc.Co.

The main activity of the company is ENERGY and its area of specialization is solar power plants EPC services.

The company, which provides Engineering, Projecting and Installation and post-construction services for Photovoltaic Solar Power Plants, has many R&D studies.

There is a strong team behind Orbit Energy. Field service has been organized in a way that will serve all of Turkey to ensure continuity.

All of the employees received standard trainings such as OHS, first aid, working at height, defensive driving, and working on electricity.

It is aimed to equip each employee with personal training as well as technical training and thus add value to their job.

In all projects signed by the company, there is a goal of quality, longevity and zero failure. It aims to provide quality and trust advantage against its competitors.



# A BIT ABOUT ORBIT ENERJI

## Wyh Us?

### 1 Fully Integrated Business Model

We offer turnkey projects to our customers. In this context, we provide R&D, PROJECTION, SUPPLY, ASSEMBLY, ACTIVATION, SERVICE, 24/7 MONITORING AND PERIODIC MAINTENANCE services.



### 2 Industry Leader in EPC Quality

Our solar technicians do a meticulous inspection of every project. As Solar is a 20-30 year commitment for investors, we want to make sure every system is constructed in high quality.

### 3 Commitment to Customer Training and Protection

We are committed to ensuring that our customers understand their rights and obligations when signing a long-term contract.



### 4 Orbit Finance

As a structure providing national services and products, our access to capital markets and credit opportunities puts us in a more bidding position. While creating long-term value for our investors, we offer advantageous financing options.





# A BIT ABOUT ORBIT ENERJI

## Total Quality Management

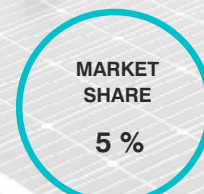
In order to meet the needs of our customers with a holistic approach, we meet the quality requirements of all our services with a systematic approach and the participation of all our employees.



### OUR PROCESS



### ANALYSIS CHARTS



### WHAT YOU RECEIVE?





# Our Services

*Solar Energy Systems EPC;  
Engineering, Procurement & Construction*

**Solar Energy Systems  
ROOF, FACADE and LAND  
Applications**

The parameter that reveals the quality of a generation plant is the performance ratio.

In solar power plant installation, in terms of sharing of duties and responsibilities and risk management Due to the advantages it brings, all engineering, procurement and construction works (EPC) within the scope of the project,Tender on a turnkey basis to a contractor with technical and financial competence,It is of great importance for SPP projects of all sizes to achieve their investment targets.

In this context, it is accepted that the economic life of Solar Power Plants is over 25 years. and this point is taken into consideration in the financial analysis. For 25 years very small changes in the efficiency of a system to produce energy cumulatively over the years its effect reaches significant levels.

**As Orbit Energy;**

**All Solar Energy Systems such as Roof SPP, Facade SPP and Land SPP applications**

**We undertake turnkey installations with a fully integrated EPC service concept. In this context;**

**Receiving an invitation letter, preparing the application project and TEDAŞ approval, performing the static projectObtaining letters of conformity from relevant institutions, supplying and installing photovoltaic solar panels,Supply and installation of carrier constructions, supply and installation of solar inverters,Supply and installation of DC cables, AC cables and cable connectors will be made in the panel and MV panel.necessary revisions, current voltage transformers, bidirectional meters, material procurement and installation, data recording,measurement and remote monitoring system, grounding and lightning protection installation, system room,required alarm warning warning systems, labeling, tests and commissioning, in accordance with TEDAŞ regulations, Completing the acceptance procedures of the solar power plant and providing training services...**

**We do it all on your behalf with a power of attorney.**





# ***Our Services***

## *Wind Energy Systems*

### **WIND MEASUREMENT MASTS**

In order to install WPP, at least 1 year measurement must be taken from the area to be installed. Orbit Energy manufactures, installs and maintains wind measurement masts and undertakes periodic maintenance of wind power plants.

As Orbit Energy, we carry out all the work required for the correct selection of measurement locations, determination of appropriate expansion areas, and making the right plans for the future before installing Wind Power Plants.





# Our Services

*Periodic Maintenance, Repair and Operation*

## SPP MAINTENANCE & REPAIR SERVICES

Do not leave your power plants unattended so that it will take care of you!

Periodic maintenance is not a cost. Deprivation costs money. Productivity lowers!

Whether on the roof or in the field, your solar power plants integrated into the grid need periodic maintenance. You can take advantage of our;

Continuous monitoring of the plant and intervention in case of malfunction

Cleaning solar panels,

Providing general cleaning services in the field

Transformer and MV maintenance

AC, DC, Mechanical and Panel maintenance services.

For over 20 years we have specialized at breakdown maintenance & operation and became Turkey's top team.

We are pleased to share our understanding of high quality and vast experience we have gained in telecommunication infrastructures and military fields with our customers.

## Corporate Solution Partners



# ***Our Services***

## ***Energy Investments Consultancy***

### **SPP GRANT & INVESTMENT INCENTIVES CONSULTANCY**

#### **GRANT SUPPORTED SOLAR PLANT PROJECTS**

The Ministry of Food, Agriculture and Livestock and the Fund Support Unit for Pre-Accession Assistance of the European Union provide 50-65 percent grant support to the investment budgets of agricultural enterprises to meet the electrical energy they need by using renewable energy resources and to increase their profitability.

Not only this, but also the surplus amount of the electricity generated in the power plant can be sold to the national grid for 10 years and income can be obtained.

#### **INVESTMENT INCENTIVE CERTIFICATE IN SPP PROJECTS**

18% VAT and 2% Customs Duty Exemption supports are provided for Solar Plant investments over 240 kWe.

As Orbit Energy, we make feasibility planning to bring your investment to the most advantageous position. According to the characteristics of the investment, we manage the GRANT Loan or INVESTMENT INCENTIVE support application processes from a single point and perform a full-scale project management. We offer cost effective and turnkey solutions for your IDEAL and LONG-LASTING ENERGY INVESTMENTS.





# Our Services

## Engineering & Consultancy

### SPP TECHNICAL CONSULTANCY

Technical Consultant on natural or built environment; It is a person or organization that provides consultancy services based on scientific facts and information in technical matters to solve a problem or approach its solution.

Consultancy for Orbit Energy; can be summarized as social responsibility, competence, integration, impartiality, fair behavior, and anti-corruption.

In summary: knowledge, skills, education alone are not enough to be a Consultancy, it is the basis of the Consultancy to have all three of them together and to provide service in accordance with ethical values.

As Orbit Energy, we offer responsible, competent and impartial consultancy services within the framework of the protocols we have signed with the Solar Energy Institutes of universities and within the scope of the legislation.

#### OUR CONSULTANCY SERVICES

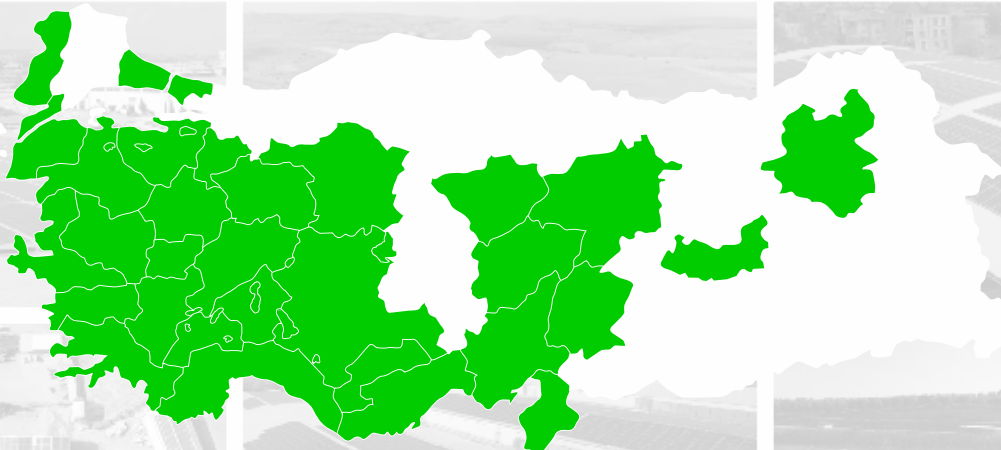
Planning and evaluation • Project Management and Contract Follow-up • Feasibility • Master planning and impact assessment services • Preliminary research and programming services • Research and planning services • Architecture and engineering design services • Engineering-Architecture design supervision • Credit report preparation • Project finance consultancy • Technology, material and equipment selection and determination of standards • Discovery and specification preparation • Tender and evaluation services • Construction management • Vocational, technical, financial construction supervision and inspection • Commissioning consultancy • Technical training services for the correct use of facilities • Consultancy for corporate structuring activities • Referee and mediation services • Software developmentdanışmanlığı • Tesislerin doğru kullanımı için teknik eğitim hizmetleri • Kurumsal



# #OrbitGES in TURKEY

Let ORBIT be your solution partner with abundant sun and endless energy.

## PROJECT MAP



## PROJECT NUMBERS

**56**  
MW ON GRID  
LAND

**39**  
MW  
ROOF SPP

**27**  
SOLAR  
IRRIGATION

**3**  
SOLAR HIBRIT  
SYSTEMS

**3**  
OFF GRID  
SYSTEM



# Reference Projects

ECOFOOD GES, Manisa Akhisar OIZ

Capacity; 400 kWp - **KKYDP Granted**

***Turkey's first  
Facade Applied  
SPP Project***





# Reference Projects

**UÇAK KARDEŞLER,  
Capacity; 3136 kWp**

ORBIT Energy; is a superior company in terms of technique and engineering. They are quite fast at preparing projects and getting them approved by the authorities. Orbit produces solutions and reaches the result. Well done to them.

**HAYYRETTİN UÇAK**  
UCAK BROTHERS



# Reference Projects

NİLBATU GIDA, Kemalpaşa

Capacity; 1636 kWp - **KKYDP Granted**

When we decided to build a solar power plant on our roof, we met with many companies. However, we looked for a company that is knowledgeable in its subject, provides the most accurate information, and which will put the customer satisfaction at the first. Among these companies, we chose Orbit Energy. The company's superior understanding of quality and service, business ethics, values and business references were very important to us. Orbit Energy has all. I believe we have made the right choice and i recommend you to choose ORBIT. Thank you Orbit Energy.

ALI RIZA AKCAY  
NİLBATU FOOD

# Reference Projects

MADANOĞLU ZEYTİNYAĞ, Manisa  
Capacity; 356 kWp - **TKDK Granted**

Orbit staff's product and service knowledge is quite high. They managed all processes in both a professional and sincere relationship. I feel at ease for choosing the right company. Thanks Orbit Energy

MUSTAFA MADANOĞLU  
MADANOĞLU OLIVES & OILS

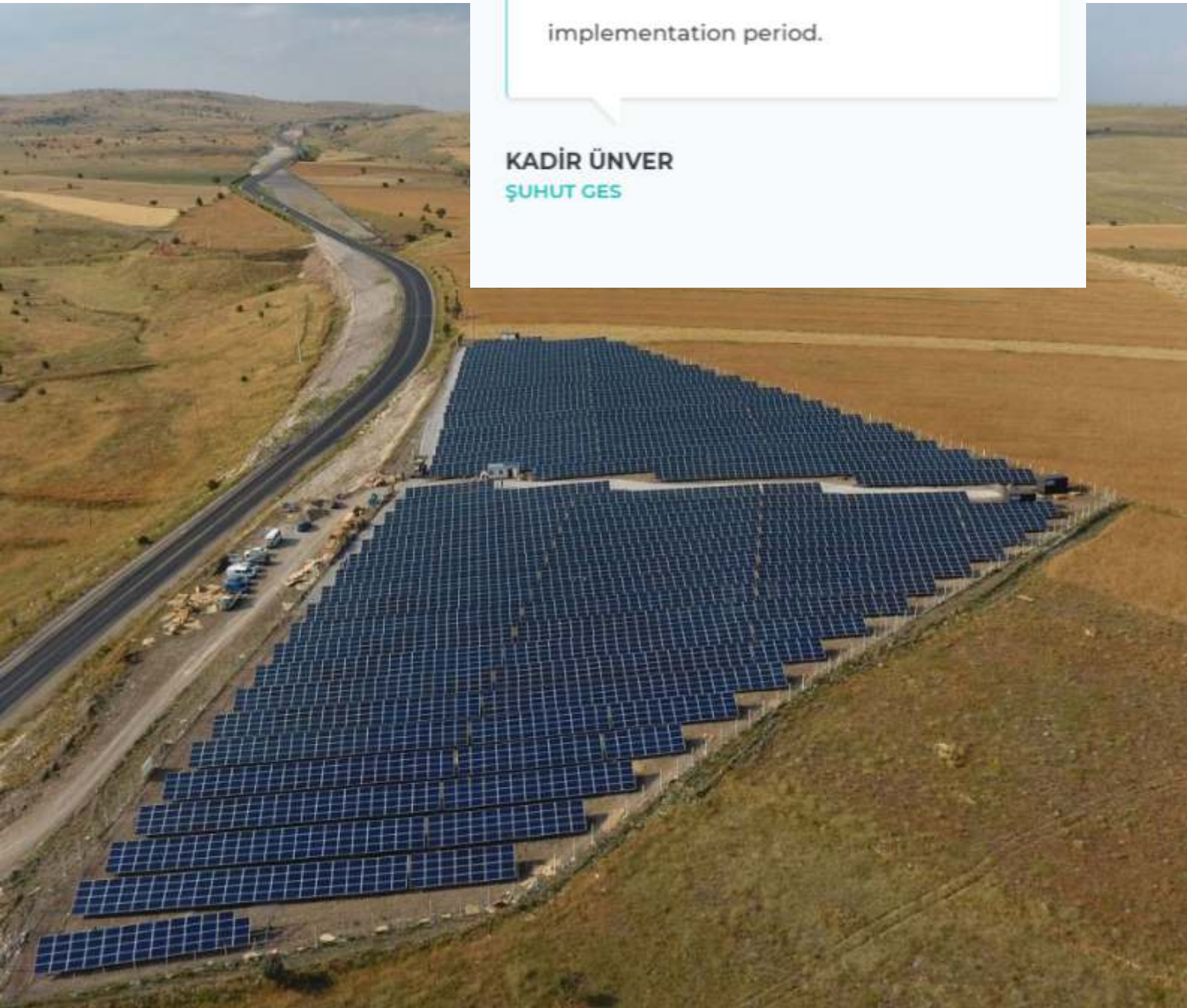


# Reference Projects

ŞUHUT GES, Afyon  
Capacity; 2120 kWp

I would like to thank Orbit Energy for its efforts during the project design implementation period.

KADİR ÜNVER  
ŞUHUT GES





# Reference Projects

**KAYAVET, BERGAMA**

**Capacity; 576 kWp - KKYDP Granted**



It's a real project company. They produces solutions. We did not even realize how fast our power plant was established. We gave Orbit only one power of attorney letter and in couple of months our power plant was established and started selling energy. Orbit is fast and high quality. It has been 5 years since our power plant established and works perfectly. Thanks Orbit.

**MURAT KANDEMİR**

**KAYAVET ANIMAL HUSBANDRY**





# Reference Projects

AKAN NARİNCİYE, Mersin  
Capacity; 356 kWp

I would like to thank our contractor  
Orbit Energy for the achievement of the  
final goal of our grant-supported  
project, and I wish you continued  
success.

Süleyman Akan  
AKAN NARİNCİYE



# Reference Projects

## ALACAYAKA MERMER, Elazığ Capacity; 9600 kWp

I met Orbit Energy in 2017. They made the turnkey installation of our Solar Energy Plant in Elazığ with a power of approximately 10 MWp. I can say that it is a company that is right behind its word and business. They don't let anybody down. It is a quality company with very good business tracking and communication. Fortunately, we met Orbit Energy. We call them customer friendly company. Best regards Orbit Energy.

**MEHMET YALCIN**  
ALACAKAYA MARBLE





# Reference Projects

UÇAK KARDEŞLER, Alaşehir  
Capacity; 1497 kWp

As a result of my research, I decided to walk with orbit energy in the investment plan. I express my satisfaction and thank them.

ALİ UÇAK  
UÇAK KARDEŞLER



# Reference Projects

ÇEVİKLER TARIM, Mersin, Silifke  
Capacity; 300 kWp

Our facility was built in 2015. Since solar energy systems were not common in those years, the only company we could trust and whose owners we knew was Orbit Energy. We delivered our project to them without any question marks in our minds. Good that we did. They never left us alone. We get an instant return by them whenever we need. They were with us in all matters. Orbit Energy is number 1 if you are going to invest in Solar Energy. I would recommend it to everyone.

**HASAN CEVİK**  
CEVİK AGRICULTURE



# Reference Projects

SÖZCÜER GES, Akhisar- Kabaag açkiran  
Capacity; 1188 kWp

I got to know Orbit Energy in 2015. They created project opportunities for us and convinced us to invest in solar plant. But we signed the contract with someone else because we got cheaper offer during the project realization phase. However, the company we hired, could not even get the project approved for months and made us aggrieved by making continuous cost additions to their first offer. We handed over the job to Orbit Enerji, who gave us the first offer, and they delivered our all-inclusive job in a period of 3 months. I can definitely say that Orbit Energy is the star of the sector with its strong financial structure and ethical business understanding. I recommend ORBIT to everyone.

AHMET ISMAIL SOZCUER  
DUDU SOLAR PLANT





# Reference Projects

GAPTEAM KANALI, Şanlıurfa

Capacity; 160 kWp - **GAP BKİ Granted**

***A first in Turkey!***  
***MOBILE Solar***  
***Irrigation System***  
***on the irrigation Channel***





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