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ABOUT

RENPRO has initialized its activities in 2014 as an R&D firm. In addition to the R&D works conducted in renewable energy, RENPRO has widened its activities to engineering, procurement and construction. Since then, RENPRO has completed a considerable number of turn-key solar PV projects in terms of engineering, procurement, construction and O&M. Besides those activities, RENPRO has also been manufacturing low voltage electrical distribution panels and switchboards. Thanks to the company's R&D experience in electronics, RENPRO has been able to develop specific electronic control cards for specific needs of customers and to combine these cards with the electrical distribution panels and switchboards leading to custom-smart-controlled electrical switchboards. Again, thanks to the company's R&D background, RENPRO develops and provides SCADA systems for the major electrical utilities of Turkey.

RENPRO ACTIVITES;

- ➔ 150+ MW SOLAR PV EPC WORKS DONE
- ➔ 30+ KM TRANSMISSION LINES INSTALLED
- ➔ 1000+ SUBSTATION SCADA INSTALLED
- ➔ 1000+ ELECTRICAL SWITCHBOARD MANUFACTURED



GROUND MOUNTED SOLAR PV PLANTS



SERVICES



Following the investment decision, RENPRO team is capable of project management and installation. The process starts with detailed feasibilities and continues with engineering studies, preparation of applications plans, procurement of materials, site installation, commissioning and acceptance. The whole procedure is managed and realized by RENPRO team professionally and the site is handed over to the investor on turn-key basis at the end of the procedure.

Across Turkey RENPRO accomplished;

- 150 + MW SPP turn-key installation,
- 300+ MW SPP engineering services.



ROOFTOP SOLAR PV PLANTS



RENPRO team has the capability of managing and installing a solar PV project since the beginning of project development cycle which is the investment decision. Rooftop solar PV plants have different characteristics than ground mounted solar PV plants by nature. Therefore rooftop projects require much more detailed engineering studies and special care for specific works. RENPRO's professional team is, thanks to experience, qualified for such engineering studies and site installation. RENPRO provides services starting from day zero until the commissioning including detailed feasibility studies, engineering plans, procurement of materials, turn-key installation, commissioning and acceptance.

SERVICES



SOLAR PV O&M SERVICES



SERVICES



Economic lifetime for solar PV plants are expected to be around 30-40 years. A solar PV investor naturally aims at generating the highest income possible during the lifetime of the plant. The risks to achieve this are:

- Technical faults,
- Fault response time,
- Low performance and response time,
- Changes in legislation and their reflections on income,
- Dustiness on solar modules
- Calculations mistakes on generation estimations.

As per experience, RENPRO O&M activities at a solar PV plant for the purpose of maximizing performance and yield are;

- Regular predictive maintenance,
- Remote and local monitoring of performance and faults,
- Intervention in case of fault/error/low performance,
- Module and pasture cleaning,
- Monitoring an regular reporting on generation and yield,
- Follow-up on legislation and consultancy to the clients on changes.

RENPRO O&M teams' headquarters is located in Ankara Turkey. Thanks to 2 branch offices in Konya and Şanlıurfa provinces of the country, RENPRO provides O&M services for solar PV plants across Turkey.

SCADA SYSTEMS



RENPRO provides customized SCADA solutions including engineering, procurement, production of panels, software generation and commissioning. SCADA services of RENPRO have been preferred by major Turkish utilities and a large number of solar PV plants. At more than 1.000 substations, RENPRO SCADA solutions have been in operation to date.



SERVICES

ENGINEERING AND CONTRACTING



SERVICES



Engineering and contracting services of RENPRO are not limited only for solar PV plants but also cover several areas in energy sector such as:

- Electrical switchboard renovation and rehabilitation works,
- Transformer station installation and commissioning works,
- Transformer, switchboard, switchgear test and commissioning services,
- Hydro Geothermal, Wind Power Plant Ebop services,
- HV / LV transmission line EPC services.



ELECTRICAL SWITCHBOARDS

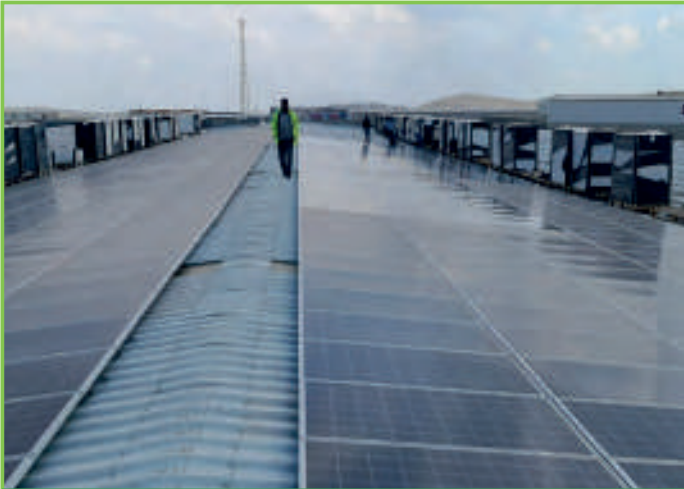


SERVICES

In order to combine the valuable experience in electrics, electronics R&D and contracting, RENPRO started manufacturing electrical distribution panels and switchboards. In such a mature market with high competition, RENPRO's competitive advantage is the technical capability that makes it possible to reflect advanced engineering on the products. Thus, the switchboards manufactured by RENPRO are designed and manufactured by considering exceptional environmental, mechanical and electrical factors which are beyond the ordinary designs. Besides, specific electronic cards and control modules are designed and manufactured by RENPRO and placed in the switchboards for extraordinary needs.



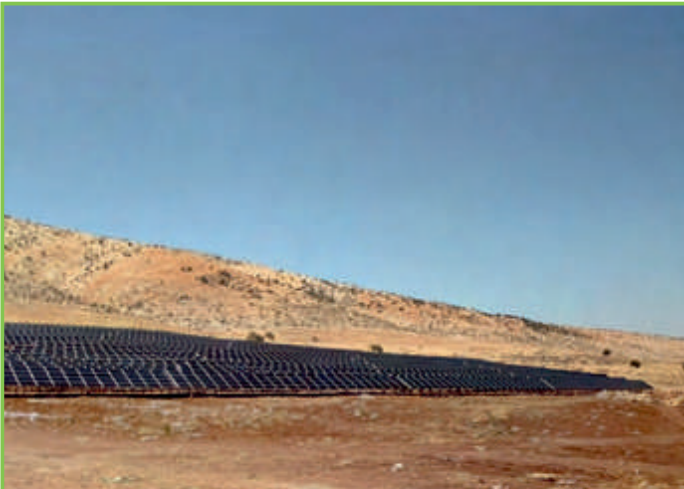
REFERENCES



Location : Şanlıurfa
Inst. Power : 800 KW
Date : March 2019



Location : Batman
Inst. Power : 2 MW
Date : February 2019



Location : Diyarbakır
Inst. Power : 3 MW
Date : March 2019



Location : Konya
Inst. Power : 2 MW
Date : May 2018



Location : Şanlıurfa
Inst. Power : 20 MW
Date : December 2017



Location : Kütahya
Inst. Power : 4 MW
Date : December 2017

REFERENCES



Location : Kütahya
Inst. Power : 4 MW
Date : December 2017



Location : Kütahya
Inst. Power : 1 MW
Date : December 2017



Location : Kütahya
Inst. Power : 1.8 MW
Date : December 2017



Location : Kütahya
Inst. Power : 1.2 MW
Date : December 2017



Location : Kütahya
Inst. Power : 2 MW
Date : November 2017



Location : Ankara
Inst. Power : 4 MW
Date : December 2017

REFERENCES



Location : Aksaray
Inst. Power : 4 MW
Date : October 2017



Location : Kırıkkale
Inst. Power : 2.4 MW
Date : October 2017



Location : Şanlıurfa
Inst. Power : 13 MW
Date : September 2017



Location : Şanlıurfa
Inst. Power : 4 MW
Date : Haziran 2017



Location : Afyon
Inst. Power : 11 MW
Date : December 2017



Location : Muğla
Inst. Power : 4 MW
Date : July 2017

REFERENCES



Location : Muğla
Inst. Power : 3.5 MW
Date : June 2017



Location : Mersin
Inst. Power : 0.4 MW
Date : June 2019



Location : Ankara
Inst. Power : 1 MW
Date : December 2017



Location : Şanlıurfa
Inst. Power : 2 MW
Date : June 2017



Location : Şanlıurfa
Inst. Power : 6 MW
Date : December 2017



Location : Şanlıurfa
Inst. Power : 11 MW
Date : April 2017



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