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YEO and Enerjisa cooperating in 5 power plants...

YEO and Enerjisa's hybrid solution to prevent 150 thousand tons of carbon dioxide



YEO Technology, one of Türkiye's leading technology and engineering companies, offers hybrid solutions to Enerjisa in 5 power plants. These solar power plants, which will have a total power of 58.2 MW, will generate as much electricity as the energy needs of 30 thousand households. Thus, the emission of 150 thousand tons of carbon dioxide, enough to be produced by approximately 7 million trees, will be prevented...



YEO Technology, one of Türkiye's leading technology and engineering companies, produces projects for a cleaner future with hybrid solutions that bring together multiple renewable energy systems. Carrying organizations to a carbon-free future with hybrid systems by integrating solar or wind energy into existing power plants, YEO continues to grow in this field in Türkiye. YEO Technology offers hybrid solutions to Enerjisa in **5 power plants**. A total of **58 MW of solar energy** solutions will be added to the existing power plants, generating electricity as much as **the energy needs of 30 thousand households**. The **emission of 150 thousand tons of carbon dioxide**, enough to be produced by approximately **7 million trees, will be prevented**.

Target project size of 100 MW

In the first quarter of this year, YEO signed a contract with Enerjisa, one of Türkiye's largest energy producers, for the installation of solar power plants. According to the agreement, cooperation is being made for 5 power plants with a total power of 58 MW in Çanakkale, Balıkesir, Adana, and Kayseri. YEO provides installation services in the field of solar energy for Enerjisa, which has a target of 100 MW hybrid solar power plants within 3 years.

Work on 5 power plants continues

For Adana Tufanbeyli Thermal Power Plant, Balıkesir Bandırma Energy Base, Çanakkale Wind Power Plant, Balıkesir Wind Power Plant (BARES) and Kayseri Erciyes Wind Power Plant, 41.4 MW of the projects have been completed. With these power plants, which will reach a total power of 58.2 MW, the energy needed by more than 30,000 households will be generated by solar energy in a completely sustainable manner. When these power plants are completed, the emission of more than 150 thousand tons of carbon dioxide, which is enough to be produced by 7 million trees, will be prevented.

700 MW project experience

Tolunay Yıldız, CEO of YEO, stated that they deliver energy and industrial solutions to every corner of the world **with more than 225 projects in more than 30 countries in 3 continents** and said, "As YEO, we have aimed to be one of the most innovative institutions in the sector **with over 650 employees** for more than **19 years**. We add value to the national economy by carrying out activities that touch every aspect of energy, from electricity generation, transmission, and distribution to the smart and efficient use and application of energy. We contribute not only to the transformation of energy but also to the transformation of the world. YEO has over **700 MW** of project development and turnkey installation experience in the field of solar power plants. The power of YEO's 20 ongoing projects exceeds 100 MW. In the future, we will continue to bring sustainable energy solutions to our country and move towards becoming a regional power in this field."

Why is hybrid energy efficient?

Integrating renewable energy systems as a secondary source into existing licensed power plants, YEO provides efficiency by increasing production. Biogas power plants do not have enough raw materials at certain times of the year, or geothermal power plants lose efficiency in the summer months. Wind power plants are affected by variable speeds. Hydroelectric power plants can also lose efficiency in summer. YEO supports the full utilization of the capacity with renewable energy solutions such as solar and wind energy, which it offers according to the needs of different power plants.
