

# S-Power Co., Ltd.



S-Power Co., Ltd. generates electricity at the 834MW Ansan Combined Cycle Power Plant (CCPP), which uses LNG as its energy source. It is dedicated to maximizing its market value by implementing an impeccable facility management system and ensuring stable operation and fulfilling its corporate social responsibility as a private power generation company.

The Ansan CCPP operated by S-Power Co., Ltd. generates power using LNG as fuel and contributes to the stable operation of the power grids near Ansan-si, Gyeonggi-do Province, including the Sihwa and Banwol Smart Hub. Amid a decline in coal-fired power plant operation and output due to the government’s environmental policy, the Ansan CCPP has been playing a crucial role in meeting the strong electricity demand in the Seoul Capital Area by producing electricity using LNG, a low-carbon fuel with low particulate matter emissions. Power generation using is drawing attention as the most realistic source of clean power that can help lower carbon emissions for the transition to carbon neutrality. The role and importance of LNG as a bridging source of power for the transition to net-zero emissions is expected to become more significant in the future.

The Ansan CCPP is a high-efficiency power plant that first operates gas turbines to generate electricity and uses the steam produced from the heat of the exhaust gas from the first process to turn a steam turbine afterwards. Despite the challenges faced in the electricity market in 2023, including the introduction of an emergency settlement cap system, the company achieved the largest surplus in its history by making relentless efforts to raise its management efficiency and improve related systems. The company will continue to strive to boost profits by pushing forward with management improvement activities, such as improving the electricity market systems.

S-Power Co., Ltd. is positioning itself as an eco-friendly power generation facility trusted by local communities by regularly monitoring compliance with environmental standards for emissions through a council involving local governments, such as Ansan City, and civic organizations and conducting preventive maintenance on a regular basis. It also striving to fulfill its corporate social responsibility by offering around KRW 500 million in scholarships and educational equipment and materials to local elementary, middle, and high schools and children’s centers every year.

