

Combined Cycle Power Plant

Project	Start	Completion	Location	Client	Generation Capacity	
POSCO POWER Combined Cycle Power Plant No.1&2	Apr. 2009	Jun. 2011	Gwangyang Steel works	POSCO POWER	284MW	This is an EPC Turn-key project which composes two set of eco-friendly gas turbine combined cycle power plants of 142MW capacity by using by-product gases (BFG,COG) as recycled fuel, after collecting surplus by-product gas which is generated accordomg to increased production of crude steel at Gwang-yang Steel Works.
POSCO POWER Combined Cycle Power Plant No.5&6	Aug. 2008	Jun. 2011	Incheon reclaimed area	POSCO POWER	1000MW	This is an EPC Turn-key project which composes two set of gas turbine combined cycle power plants of 500MW capacity using LNG as main fuel in order to produce power for selling. And this is also IPP business for POSCO Power.
Hwasung Combined Cycle Power Plant	Jul. 2008	Dec. 2008	Hwasung, Kyunggido	Korea District Heating Corp.	500MW	A construction project for combined cycle power plant using LNG with heating system to supply community energy(heat) in Dongtan residential area.
Paju Combined Cycle Power Plant	Jun. 2007	Jun. 2010	Paju, Kyunggido	Korea District Heating Corp.	500MW	A construction project for combined cycle power plant using LNG with heating system to supply community energy(heat) in Kyoha residential area and Unjeong new city.
FINEX Combined Cycle Power Plant	Jun. 2005	Jul. 2007	Pohang Steel works	POSCO	146MW	A project to construct an environment-friendly gas turbine combined cycle power plant with a capacity of 146MW using by-product gas (FOG) generated from a FINEX plant at Pohang Steelworks. The plant is Korea's first gas turbine combined cycle power plant to utilize Low BTU by-product gas of the Steelworks, and a single-shaft plant equipped with both the gas turbine and the steam turbine connected to a single shaft.
LNG Combined Cycle Power Plant	Oct. 1997	Jan. 2001	Pohang Steel works	POSCO	345MW	An EPC turn-key project for the design and construction of a gas turbine combined cycle power plant with a capacity of 345MW using LNG as the main fuel for the stable supply of power and steam to plants involved in iron production at Pohang Steelworks.
LNG Combined Cycle Power Plant	Feb. 1996	Aug. 1999	Gwangyang Steel works	POSCO	500MW	An EPC turn-key project for the design and construction of a gas turbine combined cycle power plant with a capacity of 500MW using LNG as the main fuel for the stable supply of power and steam to plants involved in iron production at Gwangyang Steelworks.

Coal Fired Power Plant

Project	Start	Completion	Location	Client	Generation Capacity	
El Salvador coal fired power plant	Jan. 2008	Jun. 2011	Cutuco, El Salvador	AES Fonseca	260MW	Scope: EPC Turn-Key Main facilities - Steam Turbines(Fuji Electric System) - Boiler(Doosan Heavy Industry and Construction)
Angamos coal fired power plant	Oct. 2007	Aug. 2011	Antofagasta, Chile	AES Gener	260MW x 2 units	Scope: EPC Turn-Key Main facilities - Steam Turbines(Ansaldo Energia) - Boiler(Doosan Heavy Industry and Construction)
Campiche coal fired power plant	Oct. 2007	Feb. 2011	Nueva Ventanas, Chile	AES Gener	270MW	Scope: EPC Turn-Key Main facilities - Steam Turbines(Ansaldo Energia) - Boiler(Doosan Heavy Industry and Construction)
Nueva Ventanas coal fired power plant	Sep. 2006	Dec. 2009	Nueva Ventanas, Chile	AES Gener	270MW	Scope: EPC Turn-Key Main facilities - Steam Turbines(Ansaldo Energia) - Boiler(Doosan Heavy Industry and Construction)

Cogeneration Thermal Power Plant

Project	Start	Completion	Location	Client	Generation Capacity	
South Jeju Thermal Power Plant No.3&4	Jul. 2004	Sep. 2006 (No.3) Mar. 2007 (No.4)	Seoguipo, Jeju Island	KOSPO (Korea Southern Power Co., Ltd.)	100MW x 2units	This is the power plant using heavy oil as main fuel and it was designed to cope with increased power demand and furnish stable and reliable power to JEJU Island.
No. 9 Cogeneration Thermal Power Plant	Nov. 2004	Aug. 2006	Gwangyang Steel works	POSCO	100MW	By using surplus by-product gas(BFG, COG, LDG) as reusable fuel after collection from the steel works, generated by the increased production of crude steel at Gwangyang Steelworks, this cogeneration thermal power plant contributes to the environment protection and also generates and supplies 100MW power and 45ton/hr steam.
Boiler remodeling of No.2 Cogeneration Thermal Power Plant	Aug. 2002	Oct. 2003	Pohang Steel works	POSCO	Boiler 125 Ton/h Steam	This is a project to replace the low pressure boiler at Pohang steel works due to deterioration of plant. And it decreases high pressure and temperature steam to low pressure and temperature steam of No.2 power plant on operation. Then with this operation, the supply of low poeasure and temperature steam could improve the power plant. Also this project is aimed at preparation in produce and obtaining of the capability of stable supply so that it seeks for stable operation of the plant.

ENERGY PLANT

New Energy

Sort	Project	Start	Completion	Generation Capacity	Client
Fuel Cell	Seoul hydrogen power plant	Feb. 2009	Apr. 2010	5,200kW	POSCO POWER
	Bugok power plant	Oct. 2008	Jul. 2009	2,400kW (2,400kW x 1unit)	GS EPS Corp.
	Fuel cell plants for POSCO POWER & POSCON	Oct. 2008	Nov. 2008	50,000kW	POSCO POWER POSCON
	Pohang power plant	Sep. 2008	Nov. 2008	2,400kW (1,200kW x 2units)	Pohang Fuel Cell Generation Co., Ltd.
	Yulchon power plant	Feb. 2008	Aug. 2009	4,800kW (2,400kW x 2units)	Meiya Yulchon Generation Co., Ltd.

ENERGY PLANT

Renewable Energy

Sort	Project	Start	Completion	Generation Capacity	Client
Wind	Bibongsan Wind power plant	Dec. 2009	Jan. 2011	30MW (2MW x 15 units)	SPC
	Taegisan Wind power plant	Jul. 2007	Nov. 2008	40MW (2MW x 20 units)	Taegisan Wind Power Corp.
Solar	Taeon Solar canopy	Oct. 2008	Dec. 2008	2,000kW	Taeon Solar Energy
	Yeung-Am Solar power plant	Nov. 2008	Feb. 2009	3,000kW	Korea Solar Park
	EDA Solar power plant	Jul. 2008	Jan. 2009	1,200kW	EDA Solar Corp.

ENERGY PLANT

Renewable Energy

Sort	Project	Start	Completion	Generation Capacity	Client
Tidal	Karorim Tidal power plant	Nov. 2007	Mar. 2013	520MW (26MW x 20 units)	Karorim Tidal power plant Co., Ltd.
RDF	Pohang RDF power plant	Jan. 2011	Jun. 2013	11MW	Pohang city
	Busan RDF power plant	Oct. 2010	Apr. 2013	25 MW	Busan city
	RDF power plant using metropolitan landfill	Apr. 2008	Nov. 2009	Pre-treatment: 200t/day RDF production: 100t/day	Sudokwon Landfill Site Management Corp.
Etc.	Uijeongbu Community Energy System	Sep. 2008	Dec. 2011	103.2Gcal/h (for 15,000 households)	Daeryun Energy(SPC)