



COAL GASIFICATION POWER GENERATION PROJECT

Coal gasification system (abbreviated as CGPS) is a kind of power generating system integrating coal gasification(coal gasifier)and purification(detarrer,desurfuration equipment) and coal gas power generating(coal gas engine). Waste heat boiler and steam turbine may also be chosen to make a gas-steam combined cycle power generating system. Coal is converted to low BTU coal gas. Sulfur content,nitrogen oxides,dust are removed in the coal gas purification section. The clean coal gas engine may be used by waste heat boiler to produce hot water or steam, which may be used in lithium bromide chiller.

Coal gasification power generating system is a promosing power generating system for its high power generating efficiency and good environmental characterstics. efficient gas engine and clean coal gasification are combined in CGPS. Modulization is also adopted in CGPS. 500rpm-600rpm gas engine and Siemens generator are chosen in our gas gensets (400kw, 500kw, 800kw, 1000kw,1200kw).

Note :

Due to keeping innovation,
the specification and
Machine pictures or color
are subject to alteration
without notice!

1. Short project execution period. The power plant is normally started up within 5-6months after contracting singing.
2. Low invesment(including equipment,land,civil, work and installation).
3. Easy operation. CGPS maybe started or stopped any time. The switch time is very short.
4. Low water consumption.
Low operation and maintenance cost. Common techinal workers are competent.
5. Less contaminats. CGPS is more environmental friendly.