SUPER GENIUS

TURNKEY POWER EPC

Company overview

SUPER GENIUS

Turnkey power EPC

Building and rehabilitating power generation.

Super Genius (SG) is an EPC company providing turnkey solutions for traditional power generation. With more than 8 years of experience, our focus is to build new power plants and rehabilitate existing ones.

One contract. One team. Full accountability.

One integrated team takes responsibility from concept to commercial operation. Scope, performance, schedule and project commitments are agreed in the contract.

Plant technologies

Combined-cycle power plants (CCPP), heavy fuel oil (HFO) plants, gas turbine plants and steam power plants.

Clients we serve

Utilities, independent power producers, government bodies, contractors, developers and industrial plant owners.

SUPER GENIUS

TURNKEY POWER EPC

Rehabilitation

More power from existing assets.

Recover output, improve efficiency and extend the life of existing power plants.

Assessment and engineering

Plant condition and performance assessment. Root-cause analysis. Life-extension studies. Upgrade and retrofit design.

Equipment and site work

Overhauls of gas and steam turbines, generators, boilers and HRSGs. HFO engine and fuel-treatment overhauls. Equipment replacement and spare parts. Control-system and protection upgrades.

Testing and recommissioning

Testing and recommissioning to rated output, with inspection and test plans and complete handover files.

The result

Recovered megawatts, higher efficiency, fewer breakdowns and additional years of service life.

SUPER GENIUS

TURNKEY POWER EPC

New power plants

From first study to commercial operation.

Complete conventional power plants delivered on an EPC basis by one integrated team.

Study and design

Feasibility and technical studies. Plant design and specifications.

Supply

Gas and steam turbines, HFO engines, HRSGs, generators, transformers and balance-of-plant equipment. Fuel storage and treatment systems.

Construction and handover

Civil works, mechanical and electrical installation, grid connection and substation works. Testing, commissioning and turnkey handover.

Start a conversation

Tell us about your plant type and capacity, location, scope and timeline. Visit https://sgpower.org/contact or email info@sgpower.org.