

Power Projects Department

Power Projects Department specializes in delivering comprehensive turnkey solutions for diesel generator systems. From concept to commissioning, we provide end-to-end services including design, fabrication, and installation of complete power generation support systems. Such as but not limited to, Customized fuel tanks of various capacities, Weatherproof and soundproof enclosures, Acoustic treatments including sound attenuators and room insulation, Fuel transfer systems, Exhaust systems and ventilation

We are committed to provide a reliable, efficient, and tailored power solutions that meet the highest industry standards for commercial, industrial, and critical applications

Scope of Work:

- **MEP Works** (Design / Fabrication / Installation) for Diesel generator sets up to 3500 kW, including:
 - Ventilation systems
 - Exhaust systems
 - Fuel systems
 - Electrical works (cabling, control, earthing)
- Design, fabrication, and installation of generator-mounted circuit breakers.
- Design, fabrication, and installation of acoustic treatments:
 - Sound attenuators
 - Room insulation
 - Acoustic louvers
- Design and fabrication of weatherproof / soundproof canopies, enclosures, and ISO containers.
- Design and fabrication of trailers for generator sets.
- Design, supply, and installation of diesel fuel transfer systems.
- Design, fabrication, and installation of fuel tanks (all sizes up to 100,000 liters), including:
 - Electrical pumps
 - Floating switches
 - Level sensors
 - Leak detectors
 - Flame arrestors
 - Fuel piping and control systems

SOUNDPROOF ENCLOSURES AND NOISE TREATMENT

Power Vision (PV) mechanical design department is proud of developing well-proven designs for weatherproof/soundproof canopies/containers. Computer Aided Design programs for weatherproof containers, developed by PV engineers to reach the optimum design. According to the customer requests PV Design department can feed input data to the design system and obtain the expected performance of the required canopy/container

- Standard Soundproof Canopy
- Enclosures / Walk-in Type
- Canopy / Close-Fit Type
- ISO Container 20X / 40 X
- Super Silent Canopy
- Customized Canopies
- Mobile Canopy on Trailer
- Telecommunication & Data center Canopy/Container
- HHP Gensets canopy Drop Down type
- SEC Emergency Mobile Gensets
- Remote Radiator Power Box
- On roof Radiator Gensets
- Genest Powerhouse Walls Insulation
- Canopy Assembly at Special Sites