



SMART POWER SYSTEMS (PVT) LTD.

POWER GENERATION SETS SALES / SPARE PARTS / SERVICES & RENTAL



*Quality Services
in time within
budget, we
believe it and
work hard round
the clock to
achieve even
better*

Company profile on structure and work activities for view of prospective customers
and supporting organizations

SPSL

www.SmartPower.com.pk



INTRODUCTION OF

SPSL

SMART POWER SYSTEMS (PVT) LTD is a leading ISO Certified Power Engineering Company managed by a group of highly competent Engineering Professionals having international experience in the field of **Power Generation, Project Management, Plant Engineering, Periodical Preventive Maintenance Services, Modification of Plants Equipment and Switchgear for captive Power Plants, Independent Power Plants (IPP) based on simple cycle, Cogen and combined cycle (CC).**

SPSL operational network is based on Power Engineering Equipments Sales and Service Divisions, which are supported by well equipped warehouse, workshops, mobile teams and canopy + switch gear manufacturing **facilities in 30KVA – 1800 KVA Gensets range** supported by SPSL's dedicated teams of Technical Staff at Karachi and Lahore are practically covering all over Pakistan.



DEALERSHIPS

For domestic and small portable generators from 2 KVA to 8 KVA we are authorized dealer of HONDA.

For residential/industrial generators from 9 KVA to 1.5MW range we are authorized dealer of Powertec Electric Generation Pvt. Ltd. (Pakistan). Under licensed by Cummins & Perkins UK.

CORPORATE STRATEGIES

SPSL are clearly focused on exclusive corporate strategies which can ensure that our customers get Quality products and best services to meet their entire satisfaction at affordable cost Just in Time. These honest efforts are aimed to enhance our leading position in Power Generation market and ensure continuous growth which can promote SPSL as a Trend Setter in Power Generation Energy Sector.

We at SMART POWER SYSTEMS (PVT) LTD Strive continuously to achieve the best out of whatever work we carry out each day at customers site or at our own in house facilities



MISSION

STATEMENT

We at **SMART POWER SYSTEMS (PVT) LTD**, make best possible efforts to provide quality services and **Total Energy Solutions** to our valued Customers to **keep their power Generating sets / Power Houses in perfect working order, while increasing their profitability through optimum availability of power energy for industrial units and production facilities at economical cost.**

We focused precisely on **continuous up gradation of Equipment and Back up Services quality**, keeping the cost within the customer's budget which can consolidate our position as market leader / trend setter and work hard to get a even better position which can ultimately promote **SMART POWER SYSTEMS (PVT) LTD** as,

- 1 An innovative and consistently reliable Equipment Supplier and a dependable excellent quality Services provider in the POWER GENERATION market **locally and internationally.**
- 2 An organization with a team of highly competent professionals who are customer needs focused with respect and trust for each other.
- 3 A preferred company with which employees want to build a long term career.
- 4 A progressive organization working continuously for optimum achievement of continuous growth in all fields of working purely on merits.

VISION

VISION

- 1 We are committed to work untiringly for the progress of our organization and country to be excellent all around.
- 2 To be recognized as a leading organization that values Customers needs, expectations and provides all solutions with strong customer care & quickly resolve customer complaints.
- 3 Offer total solutions to customers including rental, sale, purchasing, equipments, spare parts and operational contracts. Develop first class facilities, equipment and back up service quality.

Work hard to get even better position in everything we do.

Our result oriented efforts of today make our sailing through the market challenges relatively Smooth for Tomorrow and the achievements on focused objectives much easier.

QUALITY

POLICY

Teaming up the available of high quality Resources i.e., Technologies, Equipments, Processes, Technical Strength and Human Resources with the customer requirements, giving due importance to working conditions social problems, environmental impacts and growth of national economy (GDP), country wide in Pakistan by continuous increase in work capacity, productivity and creation of new jobs.

We support continuous up gradation of professional education and training of our work force and effective transfer of latest technology to serve our customers (Patrons) better, to meet their energy and services requirements and satisfaction at affordable costs, Just in Time.

We at SMART POWER SYSTEMS (PVT) LTD work hard to meet the required level of customer satisfaction and at the same time our employees job satisfaction to ensure a resultant increase in mutual trust. This trust enables us to achieve high standards of work/services and timely compliance of work completions on Power Generation Projects with an overall increase in company profitability.



SPSL

MANAGEMENT TEAM

Following is the strength of Senior Management Team of **SMART POWER SYSTEMS (PVT) LTD**, commonly known in market as SPSL.

POSITION	EXPERIENCE	FIELD
CEO	26 Years	Power Generation, Heavy Rebuild.
Director	22 Years	Power Generation, Spare Parts Procurement.
General Manager	22 Years	Power Generator, Spare Parts Procurement, Power Projects
Country Manager	29 Years	Marine Seagoing, Mega Power Projects.
Service Manager	06 Years	Power Generation, Power Projects, Service & Vendor Support.
Sales & Marketing Manager	14 Years	Power Generation, Rental Deployment.
HR & Admin Manager	12 Years	Human Resources, Enhance the organization
Finance Controller	22 Years	Corporate Finance.

POWER PROJECT

SMART POWER SYSTEMS (PVT) LTD is providing the services of electrical and mechanical engineering in the field of power engineering including supply of standby and prime power generation on diesel and gas fuel. SPSL Team are currently carrying out following jobs at various Sites, Workshops, branches and at Head Office



- Sales of New Gensets in 05 KVA to 3 MW range.
- After Sales Support Services.
- Periodical Maintenance (PPM), Annual Maintenance Contracts.
- Routine services of gas/diesel gen set up 3MW.
- Manufacturing of control panels for power houses.
- Top Overhauls of Gas/Diesel Genset up to 3MW with minimum cost.
- Major Overhauls of Gas/Diesel Genset up to 3MW with minimum cost.
- Installation of ATS/AMF panels.
- Emergency repairs of Gensets ATS/AMF panels
- Modification/up gradation of fuel system.
- Elimination of Gensets vibration
- Installation and commissioning of new gen sets up 03MW.
- Re-Commissioning of idle Gensets at sites.
- Rental Gensets Supply, Installation, maintenance, operations.
- Installation of ignitions module.
- Warranty jobs.
- Synchronizing System (Genset to Genset, switch gears, interlocking systems and utility Supplies)
- Erection of the power plants gas and diesel gen set.
- Alternator servicing steam baking re-warnish, replacement of bearings.



Canopy Fabrication

Complete manufacture (man + material) of 75 to 85 DBA Sound attenuation Canopies for 30 KVA to 2000 KVA Diesel / Gas Gensets with necessary Provisions for control, safety ventilation and maintenance work.

Heavy Engines Rebuild Facility

SPSL has complete in-house facility to REBUILD up to 2000 KVA Diesel Gensets Engine, Alternator, and Auxiliaries, at Central Workshop Super Highway, Karachi, Lahore, this is a rare rebuilt facility in Pakistan in Power Generation Sector. This includes even removal and refit of crankshafts.

LIST OF

MAJOR CUSTOMERS



BAHRIA TOWN



中國建研工程建築公司
CHINA STATE CONSTRUCTION ENG'G. CORP



engro corp



MULLER & PHIPPS



ICI PAKISTAN LTD.

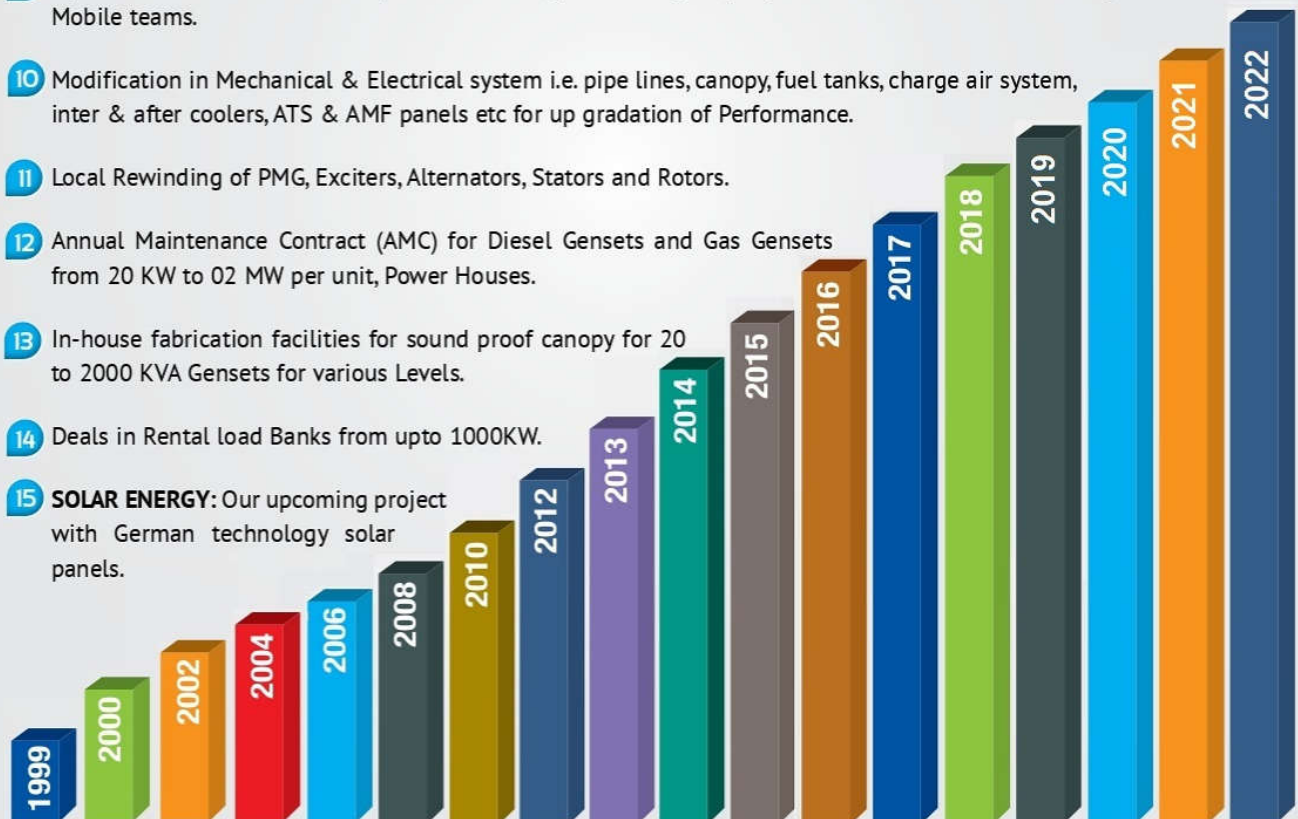


Unilever

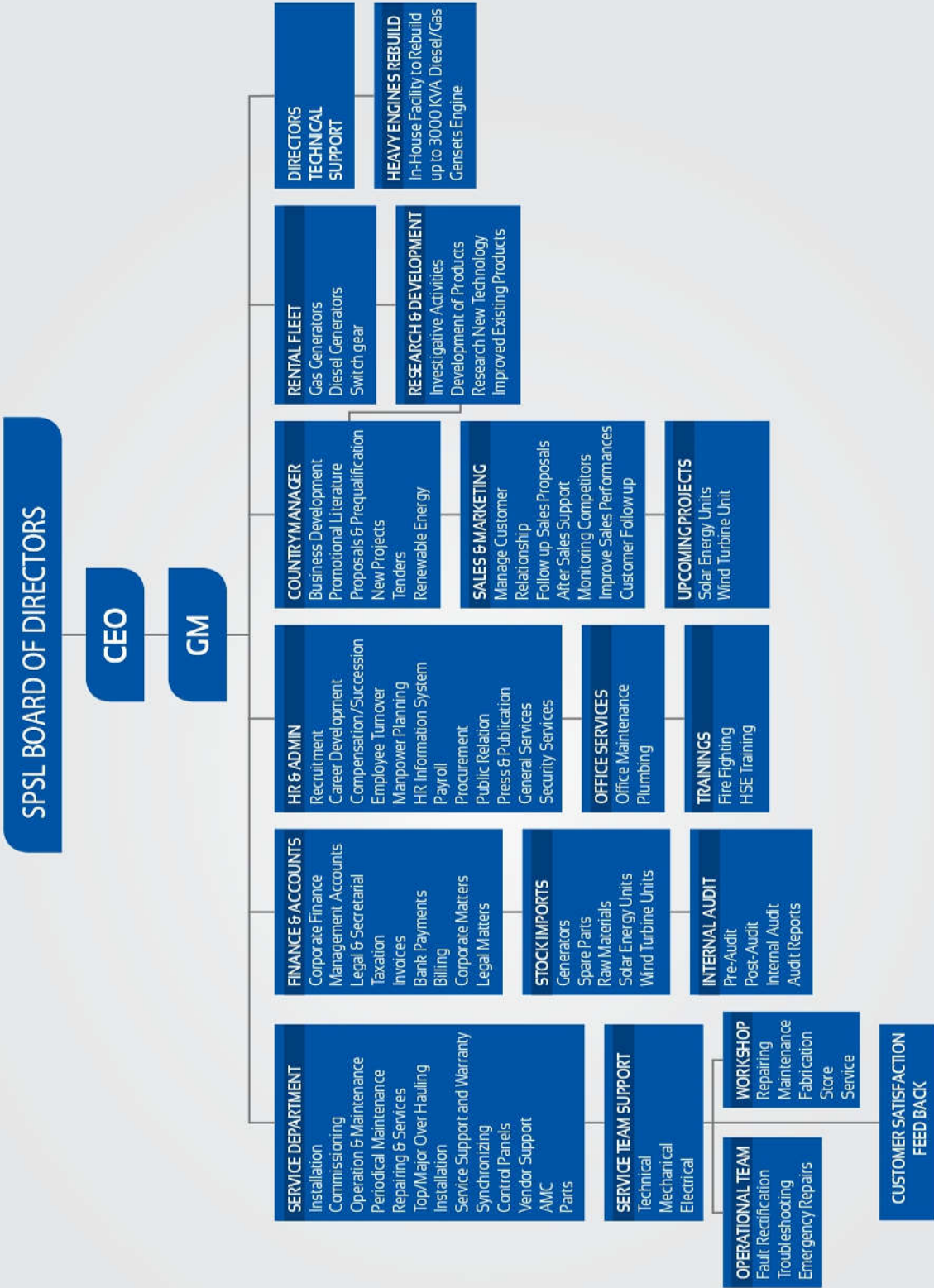


EXPERTISE

- 1 Sales and Marketing of New Generating Sets (Diesel and Gas fuel operated) in 13 KVA to 2000 KVA range including installation, testing and commissioning, mostly on TURN KEY PROJECT basis.
- 2 Complete Overhauling of Gensets in 13 KVA to 2000 KVA range from cylinder Head to crank shaft, with workmanship and parts performance WARRANTY.
- 3 In-house FABRICATION of control switch gear, panels, fuel tanks, ducting, piping and automation system in modules etc.
- 4 Top and Major overhauling of Gensets from 13 KVA to 3 MW Cummins, Perkins, Caterpillar, Yuchai, Man, Fiat, Deutz, Denyo, Detroit, Kubota etc. Services available for diesel and gas operated Gen sets simultaneously.
- 5 Supply of Rental Gensets (Diesel / Gas Fuel Sets) from 20 KVA to 1500 KVA for operational loads of ship terminals, industries, banks, Hospitals, CNG stations and other essential facilities. SPSL has a fully owned Rental Fleet of more than 45 MW sets.
- 6 Supply Genuine Spare Parts of Diesel & Gas Engines for Routine Maintenance, Top and Major overhauling of Gensets from 13 KVA to 3 MW Cummins, Perkins, Caterpillar, Waukesha, Yuchai, Man, Fiat, Deutz, Denyo, Detroit, Kubota etc.
- 7 Supply of Genuine Spare Parts for Genset, Compressor and Automation.
- 8 O & M (Operations & Maintenance) contracts for 50 KW to 02 MW Gas and Diesel Genset unit based Power Houses in various industries, telecom sector and other industrial facilities.
- 9 Operational fault rectification (trouble shooting) and emergency repairs of Gas & Diesel Gensets by our Mobile teams.
- 10 Modification in Mechanical & Electrical system i.e. pipe lines, canopy, fuel tanks, charge air system, inter & after coolers, ATS & AMF panels etc for up gradation of Performance.
- 11 Local Rewinding of PMG, Exciters, Alternators, Stators and Rotors.
- 12 Annual Maintenance Contract (AMC) for Diesel Gensets and Gas Gensets from 20 KW to 02 MW per unit, Power Houses.
- 13 In-house fabrication facilities for sound proof canopy for 20 to 2000 KVA Gensets for various Levels.
- 14 Deals in Rental load Banks from upto 1000KW.
- 15 **SOLAR ENERGY:** Our upcoming project with German technology solar panels.



CHART



WORKING FACILITY

SMART POWER SYSTEMS (PVT) LTD. (SPSL) Provides MOST ECONOMICAL solutions to your energy requirements in the following fields with excellent running references all over Pakistan.

1. Supply, Installation & Commissioning of Diesel / Gas Generating sets for stand by facilities and base load captive power houses at industrial units service include supply of genuine spare parts and warranty.
2. Engine Overhauling and Rebuilding of Components with guaranteed smooth running period and optimum performance in 24 KW – 2MW per unit range.
3. Operation & maintenance, Services including manning of O&M staff for Power Stations and Annual Maintenance Contracts.
4. Supply & Installation of Rental Diesel and Gas fuel Gensets from 20 KVA to 3 MW with accessories.
5. Supply and installation of 2 KVA to 8 KVA HONDA portable sets.
6. Designing, manufacturing, paralleling, synchronizing, load sharing systems, ATS, AMF and Control Panels.
7. Complete fabrication of sound proof fully dismantle able canopy in 30 to 1500 KVA range to attenuate sound level to less than 85 DBA at one meter.
8. Calibration and re-setting of fuel pumps and injectors.
9. Designing, Basic Engineering and Commissioning of TURN KEY Power Houses up to 25 MW Capacity.
10. **UPCOMING PROJECTS:** Designing, Basic Engineering and EPC Project of Renewable Energy based on Solar Energy PV or CSP system and wind turbine plants 300 W to 25 KW

SPSL is basically a Service Oriented Power Engineering Company, you can confidently rely on our “ONE WINDOW” after sales support services. We look forward to meet your energy requirements in line with the high Engineering standard at affordable cost to your satisfaction.

Your satisfaction in term of Quality, Cost and time is our success.

info@smartpower.com.pk

website: www.smartpower.com.pk



We at SPSL anxiously await your enquiry to proceed in line with your energy requirements.

HEAD OFFICE

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SMART POWER SYSTEMS (PVT) LTD.