



MULTILINE
Power Solutions

NewsLetter
Volume No. III April - 2013

Multiline New More Silent and Compact Canopy Design With Customized **Color** Option



Salient Features:

- Less vibration
- More secure for unattended locations
- Decreased noise level
- Better fit in your environment due to color options
- Available for all Lister (UK)[®] and Perkins (UK)[®] powered gensets.

Prize Distribution Ceremony

Faysal Bank
T-20 Match
Prize Distribution
Ceremony



Mr. Zubair Khaliq (Director, Multiline)
awarding prize to the man of the match

ENERGY CRISES IN PAKISTAN



Pakistan is facing acute energy crises in the form of shortage of electricity and gas supply. The electricity shortfall is continuously soaring and has crossed 6000 Mega Watt level. People are forced to stay without electricity for more than 12-14 hours in cities and around 16 hours in rural areas. Similarly gas supply is also short for commercial as well as domestic use. The country has suffered from worst power crisis during last few years that have forced many businesses to close down resulting the ten of thousand people have been rendered jobless and this number is feared to increase further. Generally these power crises are being associated with reduced oil and gas supply, financial constraints and shortage of water in two major dams.

Vested interests including powerful petroleum lobby are big hurdle in the development of power sector in Pakistan. Though, there were talks of exploiting alternative sources for power generation but practically the result still remains a big zero. Experts also associated current energy crises of Pakistan with Pakistan's current energy mix, which is highly dependent on oil and gas. The country spends around \$10-12 billion a year on the import of crude oil and deficit petroleum products.

Pakistan heavily depends on natural gas, 47.50% to generate electricity followed by oil, 30.50%, hydro electricity, 10.90% and coal 9.20%. The power of generation through nuclear means is only 1.20%.

The primary energy consumption in Pakistan in 2008 was amounted to 62.9 million tons of oil equivalent with an average growth rate of 6.05% per annum. Besides non-commercial fuels (fuel wood, crop residues and animal wastes) to the extent of about 20 million tons of oil equivalent (MTOE) were also used by the households and industry.

Based on current and historical trends in economics and energy growth in Pakistan, the Planning Commission of Pakistan envisages in its Energy Security action Plan (ESAP) for 2005-2030 that the demand for energy will grow during the ESAP period at about 7.5 to 8.0 per cent per annum on the basis of a 7-8 percent sustained annual growth in GDP. Accordingly the primary commercial energy demand is projected to rise 6.5 folds from about 55 MTOE in 2005 to 360 MTOE by 2030. The corresponding requirements of power generation capacity have been projected to increase more than eight folds from about 19500 Mega Watt (MW) in 2005 to 162500 MW in 2030. These projections are based on the assumptions that GDP will increase from \$109.5 billions in 2005 to \$ 750 billions in 2030, while population increase over the same period will be from 153.5 millions to 230-260 millions people.

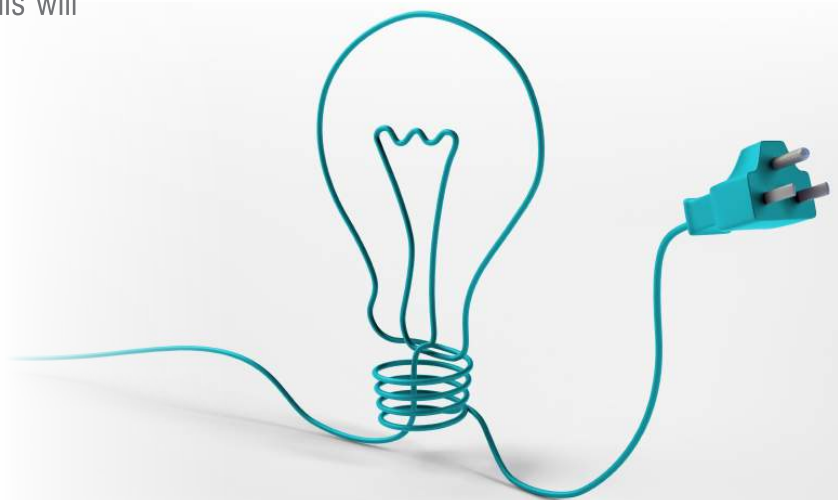
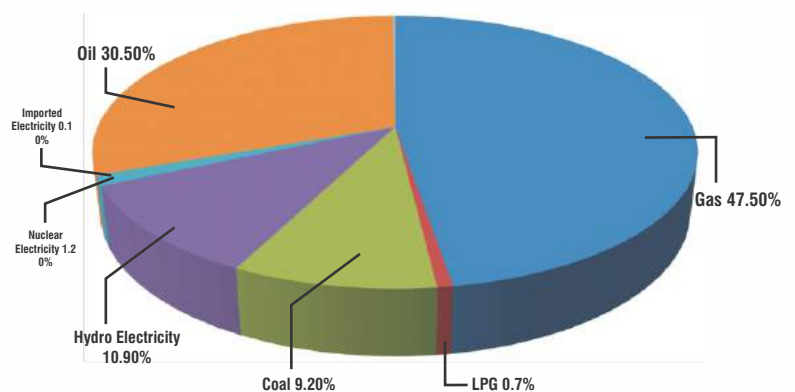
RECOMMENDATIONS:

1. Reduce your energy consumption as much as possible. Use efficient lighting, improve insulation to minimize air-conditioning requirement. Disconnect chargers and other devices when not in use and buy energy efficient appliances. For example before purchasing a refrigerator rather than only comparing features and prices also have a look at the power consumption and compare. It is worth paying extra for energy efficient devices.

2. Even in the most ideal situation government can never fully guarantee power availability at all times: thus get yourself a well designed power back-up system. In countries where there is almost continuous availability of electricity, back-up generators are standard even in many homes and buildings, especially where there is automation such as lifts and automatic doors etc. So this is not an unusual investment. Multiline's knowledgeable consultants are supported by a strong team of professionals. We pride ourselves on building a foundation of trust with our clients on sound advice and guidance in buying well designed power back-up systems.

3. Hope for political stability and consistent policies so that the situation improves but don't think that this will happen very soon.

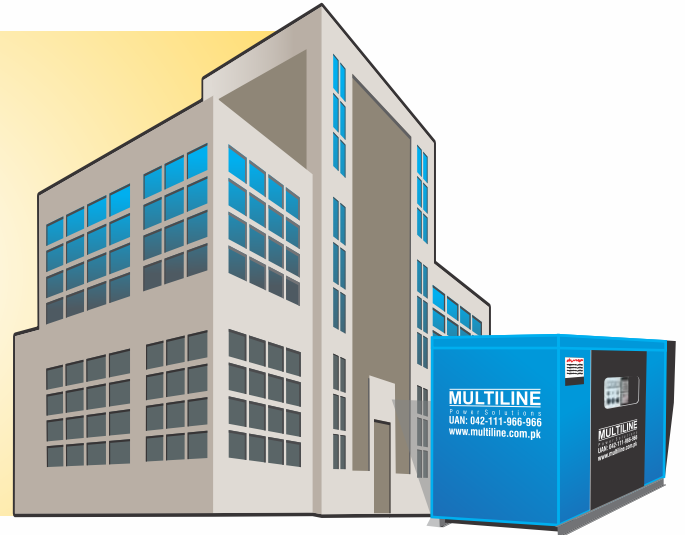
Primary Energy supply by source 2007-2008¹



Reference:
Part 1 of this article, courtesy of Pakistan Engineering Congress,
Edition: World Environment Day, Issue Date: June 2012

CORPORATE GENERATOR RENTALS

(with built-in automation)



Several businesses such as banks, restaurants, offices, multinational companies do not want to invest / block their funds in expensive generators for back-up power. This is especially true when expansion is a possibility. Usually, generators cannot be bought or sold easily, and so, companies can rent back-up power from us.

We have Brand new and slightly used equipment from 15kVA to 350kVA. We provide complete solution, including a GSM remote monitoring station, which enables our team to monitor vital statistics such as diesel level, battery condition and hours run round the clock. So your generator is ready all the time.

We give solution to your power need through one window operation.

We take the entire responsibility of:

- Operations
- Repair
- Maintenance
- Logistics
- Insurance



Multiline 200 kVA rental diesel generator installed on the premises of a multinational company near Lahore

Our Features includes

- Built-in auto-starting / stopping features in all rental sets.
- All rental sets are low-noise European-origin.
- No liability on the clients.

INTRODUCTION

Akbar Hussain Anjum

Akbar Hussain Anjum has been spearheading Corporate sales for Multiline for the last 5 years. With his well rounded experience in Corporate sales and client servicing he has played an integral role in developing relationship building process in Multiline which works best for the sales environment. He has been a part of pharmaceutical industry which includes both National and Multinational companies for more than 15 years. He is someone who possesses a positive attitude, knows how to be a team player, takes initiative, adaptable enough to take on a multitude of tasks, good with time management and dedicated to continually learning.



Muhammad Sohail Qureshi

Muhammad Sohail Qureshi is working as a Assistant Manager Generator Division (Rentals and Services) in Multiline for the last 3 years. His responsibilities include building customer relationships by ensuring complete customer satisfaction, creating a good work environment and properly manages the assets of the department. With his technical background and many years of experience in automobile sector within service department at several multinational companies including Toyota Pakistan and Suzuki Pakistan, Muhammad Sohail has played a vital role in continuous improvement in our quality standards in relation to after sales services.



Muhammad Afzaal Malik

Muhammad Afzaal malik is associate engineer who is currently responsible for maintenance of generator of service contract clients. He has worked for Pakistan Airforce in the electrical department in power generation field for more than 18 years. By keeping his technical skills on the cutting edge, Muhammad Afzaal has made important technical contributions to his field and is highly regarded as a technical savvy individual.





14 kVA Generating Sets

(Powered by Lister Petter)*



Special Offer
Rs. 625,000/- +GST
with Sound Attenuated Canopy

This offer is valid only for some units which may be slightly used or the year of production is not current.



EST. 1975
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PRODUCT RANGE

Lister Petter (UK)

8 kVA to 200 kVA

1500 RPM, water cooled, rugged diesel generating sets



Perkins (UK)

13 kVA to 1250 kVA

100% European origin guaranteed



Sincro Alternators

(Complete Range)

Imported from Italy, available from 11 kVA to 2000 kVA



Yamaha

0.8 kVA - 10 kVA

gas / petrol generator

Available with acoustic canopies.



Gate Automation Systems

(Italian)

For Swing & Sliding gates with Battery Backup



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