

GROWTH DRIVERS OF THE

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CONSUMER CONNECT INITIATIVE

TOWERING OVER COMMUNICATION

Bringing 5G to power

Portable electrical generators functioning on Diesel as the base fuel are in great demand, with new 5G towers coming up, the demand is sure to surge creating a great opportunity for the DG set manufacturers

c-Jaimeen.Baxi @timesgroup.com

As cellphone technology and wireless networking expands its horizons, a new player is going to become the prime beneficiary of this

Did You Know?

- >> 5G network data requires the setting up of new router stations and base stations.
- >> Diesel Generator sets that can produce a 10 KW of power for every base station, are going to be required.
- >> The role of Indian manufactured generator sets is going to be so profound.

upgrade. The rollout of 5G telecommunication in Asia is probably the biggest upcoming marker in the global telecom industry. The data consumption in South East Asian countries like India, is extremely high. Here is why DG sets are going to play a big role in India's 5th Generation Cellphone Network Coverage.

OMEN OF OPPORTUNITY
5G network data requires the setting up of new router stations and base stations. With market players in the cell phone network segment, eyeing a future that is highly competitive, 5G spectrum in India is going to revolutionize the cell phone industry. The market gap in this biblical growth comes from the requirement that base stations are going to have for powering their towers. A constant need for high-voltage, uninterrupted power to these base stations will create a great demand for portable power sources.

Diesel Generator sets that can produce a 10 KW of power for every base station, are going to be required for this. The good omen comes from the fact that neither China, nor Japan manufactures such generator sets which bring in a unique omen of opportunity for Indian manufacturers.

CAPTURE AND EXPORT

The role of Indian manufactured generator sets is going to be so profound, that because of a lack of competitive manufacturing, Indian companies may benefit by supplying generator sets to 5G roll-outs in countries like Philippines, China, and Malaysia. This means that the market demand in other countries can also be satiated by Indian manufacturers that are willing to produce such generator sets that

cater to bulk 5G telecom orders. This comes as a boon to the industry that was just catering to local infrastructure, data centers, healthcare, and hospitality along with residential segments. The Global System for Mobile Communication (GSM) estimates that the 10 KW generator is crucial for each base station and its towers. India is a nation that has the widest cellphone usage within the country. From farmers to army men, and local urban populations to village folk, everyone uses some form of data on their soon to be, smarter devices. This large market demand sticks out a figure of 100 million users that can actually afford 5G costs in their cell network provider bills. Such a huge market has big players eyeballing all possible outreaches that will help usher in the 5G Network service to India quite fast. This means that the growth is not just potential, but speedy in case of our own Mother India, and to power that growth, DG Set manufacturers are soon going to run bullish in the stock market.



The rollout of 5G network in India is going to revolutionize the way cellphones work. High bandwidth data speeds, with less redundancy, are the star points that one needs to accept regarding the 5G network. It is crucial that high frequency sub stations are created throughout the country for effective cellphone coverage, and for this reason, the demand for DG sets is going to be crucial. DG sets provide uninterrupted power at remote locations which makes them the ideal power source to power sub-stations that can't afford a power cut. A power cut for a network station means the loss of signal on thousands of phones and to avert this, DG sets come to the rescue.

- SAMIR MISTRY CMD, SupernoVA Engineers Limited



Powering Infrastructure

Ever heard of a power bank that could power an entire building? Diesel Generator Sets are the new normal for remote power in India. Read On...

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As the world moves towards portability in all domains, so does the entire power generation industry. All one needs to generate remote power is a wheel of sorts, that keeps spinning to move the kinetic energy into magnetic energy and eventually electricity. Diesel powered generator sets are considered the top of this electrical food chain. Easy to move, heavy requirements fulfilled, and uninterrupted power; here is how the DG sets of today are revolutionising the infrastructure development industry.

heightened connectivity, improved coaches and engines, and more nodal network of railways station and other rail related infrastructure. This has been done to curtail the logistical expenses which is crucial to the Make in India project. The upgrade also includes creation of two Dedicated Freight Corridors (DFCs) for West, and East India. Total budget allocation for this is a recorded high sum of ₹1,10,055 lakh crores.

ROADS AND HIGHWAY INFRASTRUCTURE
The new budget allocation provides for creation of 13,000 kilometers of roads at a cost of ₹3.3 lakh crore rupees. Under the Bharatmala Pariyojna, it has already completed a stretch of 3800 kilometers.

URBAN INFRASTRUCTURE PROJECTS
We live in times where

constant outsourcing of government projects to private firms, and more efficient public private partnerships, are building our nation at the speed of light. Be it construction of flyovers, a highway bypass, or other infrastructure projects, all these construction sites require high amounts of electricity. The current budget is designed to improve infrastructure development at an urban level, this will generate a lot of opportunities in infra project activities. Specifically, all the upcoming metro rail projects, and bus station projects for internal connectivity will be benefited by the budget, and this will in turn require a lot of remote power sources.

There is not much to be deciphered when one talks about the importance that DG sets hold in today's society that demands continuity. With the creation of new ports and portage infrastructure DG sets will be instruments of unwavering power and India's power needs are sure to be met with. The technological advancements in the field of power generation sets only gets smarter and smarter with each passing day. Remote operation capability, self-learning panels, self-detection of power outages, and a well fabricated exterior made to reduce noise levels while generating electricity are some of the top features that DG sets have today. Imagine what the future would be like? Lit, you say... you're absolutely right!

Loaded with all the features you always wished for...

PEACE OF MIND IS ON TOP OF THE LIST.

10 - 320 KVA
SUPERNOVA
GENSETS
ALSO AVAILABLE

DEALERSHIP
INQUIRY
SOLICITED