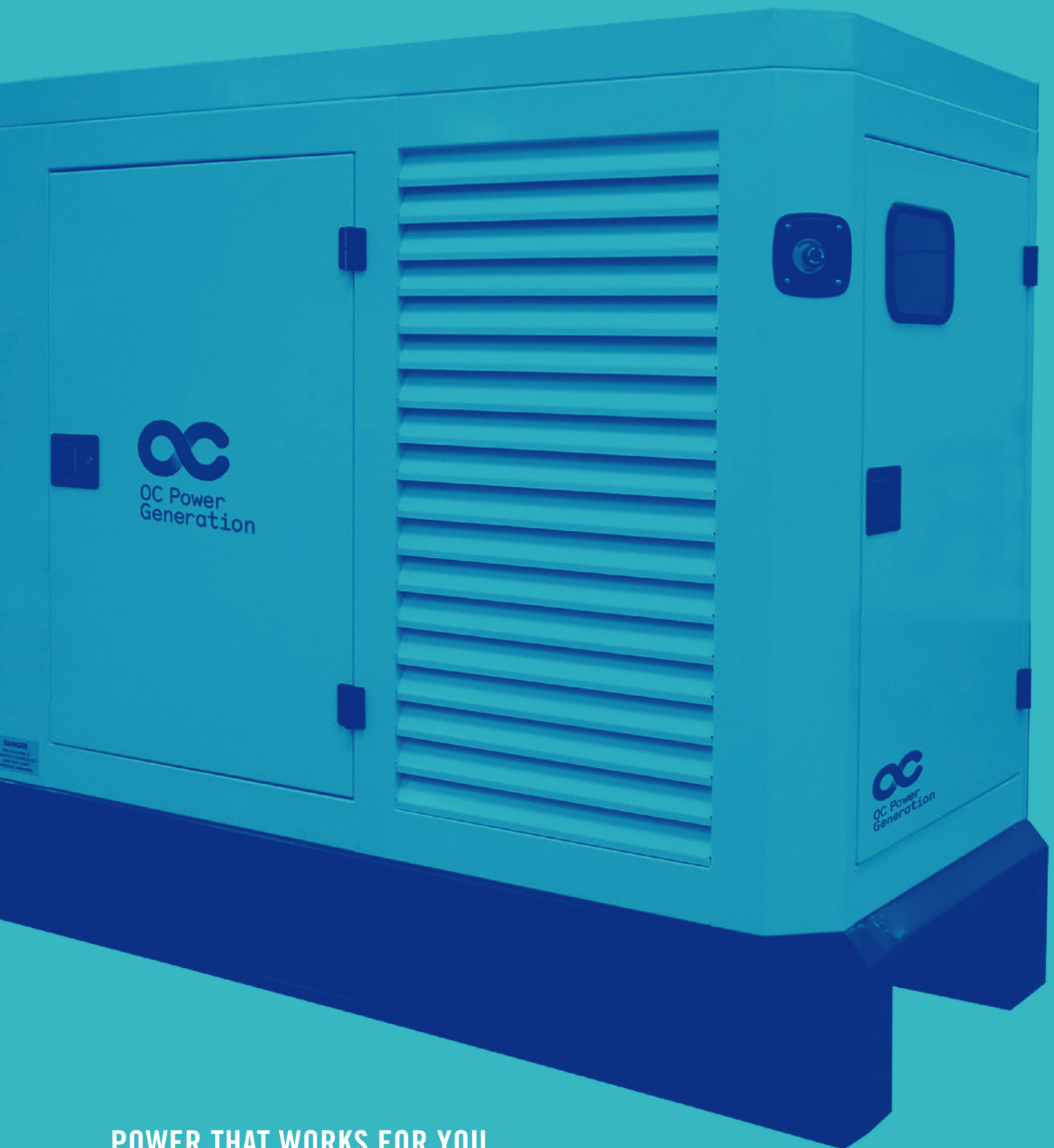




OC Power
Generation



POWER THAT WORKS FOR YOU.

**Earn up to €50,000 per MW
from Eirgrid / SONI for testing
your Generator with OC Power
Generation, with no disruption
to your site**



Demand Side Unit

What is DSU?

Demand Side Unit is a service offered by OC Power that gives businesses like yours the opportunity to earn significant extra monthly revenue simply by being available to reduce electricity consumption or self-supply from your own generator for short periods of time.

How it works

You decide how much and when you can deliver demand reduction or self-supply. Through the Single Electricity Market (SEM), we aggregate your availability to reduce consumption with other participants, and deliver all those reductions in bulk to Eirgrid, the national grid operator. The electricity market operator pays us, and we pay you.

How your business can provide demand reduction

- Temporarily switching off, or re-scheduling, non-essential equipment/processes
- Through on-site generation
- By reducing consumption of specific electrical equipment, such as aircon, chillers or pumps

Why OC Power is the smarter choice for DSU

- We install the necessary communications equipment, so instructions can be relayed and responded to quickly and effectively
- We charge no up-front cost for equipment
- We provide a complete picture of your usage data on a 1-minute and 15-minute interval basis
- We use our expert knowledge working with you to optimize production schedules
- OC Power maximize DSU revenue and minimize energy costs
- You're dealing with a trusted Generator company who know your site needs
- All payments are made at the end of the month following delivery
- More detail energy management is possible through Energy tracked through OC Power Energy and Environmental Monitoring System

How to sign up

Get in touch through email at info@ocpowergeneration.com and our team will be in touch

**Conserve Energy
Generate Revenue**



Important information

- You can earn a revenue of up to €50,000/MW/Year. Contact us for an exact quotation
- Payments will vary with the market rates (set by the Commission for Energy Regulation)
- Contract duration: 2 years, with the option to extend to 3 years
- Measurement equipment and all the service is managed and installed by OC Power Generation at no up-front cost to you



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LOAD BANK HIRE AND TESTING



Load Bank Hire Solutions

Mobile and Rental Load banks to Test Your Power Systems

Do you want to test an electrical unit or system? Then this is the right time when you should opt to hire reactive and resistive load banks that are either permanent or mobile to meet your requirements. The load banks can tell you everything that you need to learn about the performance of your unit or system, under a partial or full load. The load banks are mainly used for testing the electrical power outputs on gas turbines, diesel generators and UPS systems while conducting maintenance work and commissioning.

At the same time, the load banks are also used to stimulate real electric loads while enabling both essential commissioning and setup that ensures that all control and electrical parameters are met before power generation or power back up equipment. Besides, mobile load bank can also be used to test a generator, alternating current power supply or uninterruptible power supply and can be used for reactive and resistive testing.

So, when it comes to servicing the emergency standby power equipment on your sites, OC Power Generation can give you the confidence, with years of experience in this field. Being one of the leading resistive load bank providers in Ireland, we specialize in offering services for supplying, installing and maintaining emergency power system and in this way we have been inspiring the confidence of service providers and businesses across Ireland.

OC Power Generation provide a comprehensive range of mobile load banks that are available for hire to test Generators and UPS systems. Here we offer reactive loadbank amongst other products, supplied with range of cables that will suit all your requirements. We also have trailer

mounted load banks that can be used in height restricted areas and available for customers to pickup and drop-off whenever necessary.

So, whatever the purpose is, we have the right solution for you to hire load bank with different capacities. In case you want to rent a load bank with a greater range, then we can also fulfil your requirements successfully by linking the units with each other. So, whenever and wherever there is a requirement of temporary power, we can successfully offer different types of products that extend beyond the conventional services provided by any other companies in this industry.

All load bank and test equipment is independently owned by OC Power Generation and therefore we do not cross hire.

Now let's have a look at the reason why you should choose us:

- **Leader in load banks:** The load bank rental solution that we offer, gives a means to provide all types of power sources for rent including turbines, generators, fuel cells, battery backup systems, etc. The electric load that we offer can be controlled remotely and can also stimulate the demand in real operating conditions that makes sure that all the control and electrical parameters are met properly before the back-up or power generation equipment's are being energized
- **Trusted name in load banks:** We are one of the leading load bank specialists in Ireland, offering a broad range of load bank solutions for rent. Here at OC Power Generation we have operational and reliably to test different types of power supplies every day. Our team of professionals and experts are always ready to come to your aid by helping you with load bank testing solutions effortlessly



OC Power
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GENERATOR HIRE



Generators Hire Solutions

At OC Power Generation our fleet of generators is ideal to supply our commercial clients with power for emergency or programmed shutdowns.

We can deliver large, medium and small generators as required by the industry. As a result mains power companies, have used OC Power generators to provide backup for support to the grid.

Our large generators can be run in parallel! This provides the necessary loads with both the flexibility and cost saving of reverting to the smaller load as required. We can supply anywhere, anytime!

Additionally, if you need some friendly advice just give us a call or email us!

Looking for more? See our range of Small Generators and Medium Generators, available for hire and sale here at OC Power Generation.

OC Power Generation supports those affected by power outages of all kinds.

At OC Power Generation we understand the need for a speedy response when a power outages occur.

Our staff are on call 24/7 to respond to emergencies. When you Call 022 28804 you will speak directly to a staff member, not a voice recording. They can help you determine the size and amount of equipment required to rectify your power outage, with the least amount of inconvenience.

You also have the comfort that OC Power Generation runs its own freight, therefore the need for relying on outside contractors is minimized.

For planned power outages, we can tailor a solution that will result in the least amount of inconvenience to your business.

Cable hire, fuel tanks and on site monitoring set up and commission is all included in a planned or emergency generator hire event.



MV and LV switchgear is an essential, yet potentially hazardous, element in the provision of power to your business and involves extensive levels of knowledge and expertise.

Annual switchgear inspections and switchgear maintenance schedules can be performed on all types of MV and LV equipment, including MV pressure testing, primary and secondary injection, infra-red thermographic surveys and insulating oil sample testing.

A 24-hour call-out service, consultancy, technical advice and facilities management of MV rings, controls and associated LV equipment completes the professional package.

Other switchgear services include on-site investigation, emergency repair and site surveys.

OC Power Generation has been working with clients across a wide variety of industries to provide planned switchgear maintenance programmes designed to prevent power loss and ensure that standby power is readily available.

The company also has the expertise to meet all MV and LV diesel generator and switchgear requirements including the procurement and installation of

new diesel generator sets, critical switchgear components or manufacturer recommended spare parts.

The safety and reliability of electrical switchgear equipment installed in public buildings throughout Ireland and the UK is often overlooked with circuit breakers, for instance, providing the backbone of power distribution infrastructure on your sites.

OC Power Generation have wide experience dealing with all types of switchgear equipment and recognise the vital role that reliable circuit breakers can play in maintaining continuous power supply.

∞ ALL OUR ENGINEERS ARE SPECIFICALLY TRAINED TO THE RELEVANT EQUIPMENT. WE ALSO WORK WITH MAJOR SWITCHGEAR SUPPLIERS AND HAVE THE SOFTWARE AND DIAGNOSTIC TOOLS TO FAULT FIND WITHOUT ANY THIRD-PARTY VISITS TO SITE.



OC Power
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GENERATOR SERVICE AND MAINTENANCE



Generator Service

Servicing your Generator

OC Power Generation use Fleetguard filter products and service kits. Fleetguard's customer service kit program is designed to make service intervals quick and easy. Using the service kit takes the guesswork out of servicing and allows you to get generators back on stand-by with no problems.

Generator Installation

With our highly trained engineers we can provide you with all your installation needs, from first visit to site to key turn projects, OC Power Generation can oversee installation projects from start to finish.

Services include:

- Air ducting and air sound attenuation
- Sound proofing canopies and panels
- Exhaust systems and Chimney stacks
- Fuel lines and Fuel filtering systems
- Fuel tanks to meet customer specification



OC Power
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UPS SALES

3 PHASE UPS SOLUTIONS



SLC-CUBE3 + 7.5KVA TO 200KVA, Superior Protection for Critical Systems

400v Input, 400v Output
400v Input, 230v Output Max 60kva
230v Input, 400v Output Max 60kva
50 Hertz
0.9 Output Power Factor < 120kva
On-Line Topology
ECO Mode
Parallel up to 4 Units
Sinewave Output EPO
Audible Alarms/Alarm Card Software
Extended Battery Autonomies Network Card Compatible



SLC-ADAPT (MODULAR) 10KVA TO 900KVA

On-Line Double Conversion with Modular Architecture
10, 15, 20, 25, 30KVA Modules
3, 6, 10 Module Systems (up to 300kva)
Parallel / Redundant Operation up to 900kva
Voltage Options 400v/400v, 400v/230v, 230v/230v
Input Power Factor >0.99
Input Current Distortion (THDi) <3%
Hot-Pluggable and Swappable Plug & Play Modules
EPO
Software
Network Card Compatible



SLC-XTRA 100KVA TO 800KVA, Protection for Major Critical Applications

400v Input, 400v Output
50 Hertz
>0.99 Input Power Factor
0.9 Output Power Factor
On-Line Topology
ECO Mode
Parallel up to 8 units
Pure Sinewave Output
Audible Alarms/Alarm Card
Extended Battery Autonomies
EPO
Software
Network Card Compatible



OC Power
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UPS SALES

UPS SINGLE PHASE SOLUTIONS

SPS-SOHO + 400VA to 2000VA, Home and Small Office It Protection



- 230v Input, 230v Output
- 50 or 60 Hertz
- Line interactive Topology
- Tower version
- Simulated Sinewave Inverter
- Transfer Time 2 to 6ms
- IEC Adapter Outputs
- Audible Alarms
- Internal Batteries only
- Cold Start

SPS-Advance RT 700VA to 3000VA, Protection for Network and IT Servers



- 230v Input, 230v Output
- Buck Boost Stabiliser
- Tower and Rack Versions
- Sinewave Output
- Transfer Time 2 to 6ms
- IEC Outlets
- Audible Alarms/Alarm Card
- Extended Battery Autonomies
- EPO
- Software
- Network Card Compatible

SLC-Twin-Pro 700VA to 20KVA Maximum On-Line Protection



- 230v Input, 230v Output
- 400v Input, 230v Output
- 50 or 60 Hertz
- 0.9 Output Power Factor
- On-Line Topology
- Parallel up to 4 Units from 4kva
- Sinewave Output
- Audible Alarms/Alarm Card
- Extended Battery Autonomies
- EPO
- Software
- Network Card Compatible

SLC-Twin-RT 700VA to 10KVA Maximum On-Line Protection



- 230v Input, 230v Output
- 400v Input, 230v Output
- 50 or 60 Hertz
- 0.9 Output Power Factor
- On-Line Topology
- Parallel up to 4 units from 4kva
- Sinewave Output
- Audible Alarms/Alarm Card
- Extended Battery Autonomies
- EPO
- Software
- Network Card Compatible