

Case Studies

Industry: Internet	Application: 350 KW Generator & 160 kVA UPS System
Customer: OARnet	
Location: Columbus, Ohio	



The Need: OARnet, an Ohio-based Internet Service Provider, has been helping its clients reach their educational and business goals on the Internet with a variety of support services since 1987. OARnet is a division of the Ohio Supercomputer Center (OSC), a technology initiative of the Ohio Board of Regents.

OARnet, required both a temporary, as well as, long term power solution for it's Collocation facility in the event they would loose utility power since they provided 24/7/365 internet access to their customers.

Further, OARnet required a project manager for their Power Solution, to work hand-in-hand with their general contractor to ensure a timely delivery and installation.

Solution: After consulting with OARnet, we recommended a combined solution that included both a 160 kVA Uninterruptible Power Supply System and a 350 kw Diesel Generator Set.

The Product Used: The UPS selected and installed was a 160 kVA Three Phase UPS System. Coupled with a 350 kw Diesel Generator. We sized a 1,800 gallon diesel tank that was specially fabricated for their job site to provide extended operation of the Gen Set.

Why Mainline: OARnet found our total design and product package met their particular application.