

America is running short of electricity

In an article appearing in the May 11, 2000 edition of the *Wall Street Journal*, Energy Secretary Bill Richardson was quoted as saying “There will be outages and brownouts this summer”.

According to the same report, the Department of Energy estimates, “The US has generating plants capable of cranking out 780,00 megawatts of electricity on a summer’s day. But it will take a minimum of 700,000 megawatts to power the nation this summer. The buffer of surplus electricity has been whittled by 60% over the past decade”.

Jeffrey Bryon, the energy director at software giant Oracle Corporation, is quoted in the article, “The digital economy depends on uninterrupted supplies of the highest quality electricity”.

Uninterruptible Power Systems (UPS) provide security for the user concerned with data loss, hardware failure and ruined production. With the introduction of computer based systems in manufacturing and process control applications, industrial settings rely on the security offered by a UPS. According to the experts, the need has never been greater.

The growth of the Internet infrastructure is also powering demand for more reliable and pure electrical power. The chart that follows appeared in David Henry’s “Eye on the Street” column that appeared in the May 18, 2000 edition of *USA Today*.

Reliable power a must			
The growth of the internet infrastructure is powering the demand for more reliable pure electricity			
Power reliability	99.90%	99.99%	99.9999999%
Power disruptions per year	8.8 hours	53 min.	0.03 sec
Generally acceptable for:	Homes	Hospitals, airports	Online markets
Sources: powercosm.com, Emerson Electric, USA TODAY			