
PRESS RELEASE

Leonardo ENERGY presents a series of Application Notes on Availability, Resilience, Reliability and Redundancy, intended for design and maintenance engineers.

Availability is the proportion of time for which systems are available to do real work. It is becoming increasingly important because most industrial and commercial consumers now operate loads that require better power availability than that which can be obtained directly from the supply network. Improving the performance of the network is both difficult and expensive, so it is usually left to the consumer to take action to mitigate the effects of poor power quality and availability within the installation.

These Application Notes present design strategies and possible solutions together with their characteristics and the factors that determine the choice between them. The Notes cover engine-generator sets as well as UPS systems and discuss potential standby energy sources, such as flywheels, fuel cells and super-capacitors, enabling the evaluation of different design solutions in terms of functionality and cost.

A unique reference source providing not only background theory, but also practical guidance, these Notes are available to download free from the Leonardo ENERGY website Library. They are directly accessible at <http://www.leonardo-energy.org/drupal/resilience>.

Leonardo ENERGY is an initiative managed by the European Copper Institute, dedicated to building information centres to serve designers, engineers, contractors, architects, general managers, regulators, journalists, teachers and students, who are professionally or otherwise involved with electrical energy. Through various projects, including the award-winning Leonardo Power Quality Initiative, over 150 partners from leading academia and industry are involved with Leonardo ENERGY.

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