

Microsoft will use generators that rely on diesel or renewable fuel to provide backup power at its data centers as part of the company's \$3.3 billion data center campus in Mount Pleasant.

The idea is to get a computer to monitor the hundreds of fine-grained controls that may be altered in, for example, a coal-fired power plant, and learn how to adjust them in a more effective...

The art of paralleling generator sets has evolved over time. A process that once required discrete synchronizing components, panels full of induction disc protective relays and analog meters is now ...

In this document, we will review the options available in generator set paralleling solutions, which have been made possible by the availability of integrated technologies.

We present the 6 trends set to shape and transform power generation in the field of Data Centres in the coming year.

Cummins has been designing generator paralleling solutions since the 1960s, and pioneered the first onboard microprocessor-based generator set control in the early 1990s.

Criteria for power plant control requirements and potential applications of microprocessor-based control systems in power plants are summarized. Information is included on microprocessor reliability, ...

Future neuromorphic processors might be set up more like your brain, where memories and actions combine in sets of neurons that are networked together. A more compact, brain-like ...

This paper is to present a novel type of variable speed power generating system that can be implemented to supply electrical loads in the range of 5kVA up to 100kVA.

The technical characteristics of hydro, and also pumped-storage, power stations allow a supply authority to control very closely the level of import of purchased power from another supplier.

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