

At the 2025 OCP EMEA Summit today, we discussed the power delivery transformation from 48 volts direct current (VDC) to the new +/-400 VDC, which will enable IT racks to scale from ...

Google is planning for datacenter racks supporting 1 MW of IT hardware loads, plus the cooling infrastructure to cope, as AI processing continues to grow ever more energy intensive.

A comprehensive comparative analysis and guidelines considering existing protocols, to ensure a resilient power distribution system with DERs are also provided, highlighting the role of ...

You're committed to providing reliable, safe energy with minimal disruption. With DA communications leveraging intelligent connectivity from Itron, you can plan and operate distribution systems to ...

In particular, Fraunhofer ISE is investigating the communication processes for controlling relevant systems (such as charging infrastructure, heat pumps or battery storage) in the building context, ...

Google outlines new AI data center infrastructure with +/-400 VDC power and liquid cooling to handle 1MW racks and rising thermal loads.

Explore how the IEEE 2030.5 communication protocol brings value to electrical grid operators and why there is a need for this new protocol.

The ongoing EU push toward renewable energy sources, aiming for at least 55% renewable share by 2030, significantly impacts the design and capacity planning of Germany's ...

Representatives from Google, Meta, and Microsoft this week took to the stage at the 2025 OCP EMEA Summit in Dublin to discuss the previously announced Mount Diablo project; a new ...

Explore how energy-efficient outdoor telecom cabinets reduce power consumption, enhance sustainability, and lower operational costs for modern telecom networks.



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