



CASE STUDY: Backup Power for a 10,000 AMP Power Plant for One of Canada's Largest Mobile Providers.

THE BACKGROUND

Mobile phones are something most of us can't live without. However, these devices are only as good as the batteries that power them. The networks that keep these phones connected also rely heavily on battery power to maintain this critical service. This was the case for one of Canada's largest mobile providers who was looking for a backup power solution that they could completely depend on.

THE CHALLENGE

The challenge was powering a massive new 10,000 AMP power plant expansion. This system not only had to provide long life but maintain the type of performance that would guarantee backup power when needed. This mobile provider also required a sustainable battery solution.

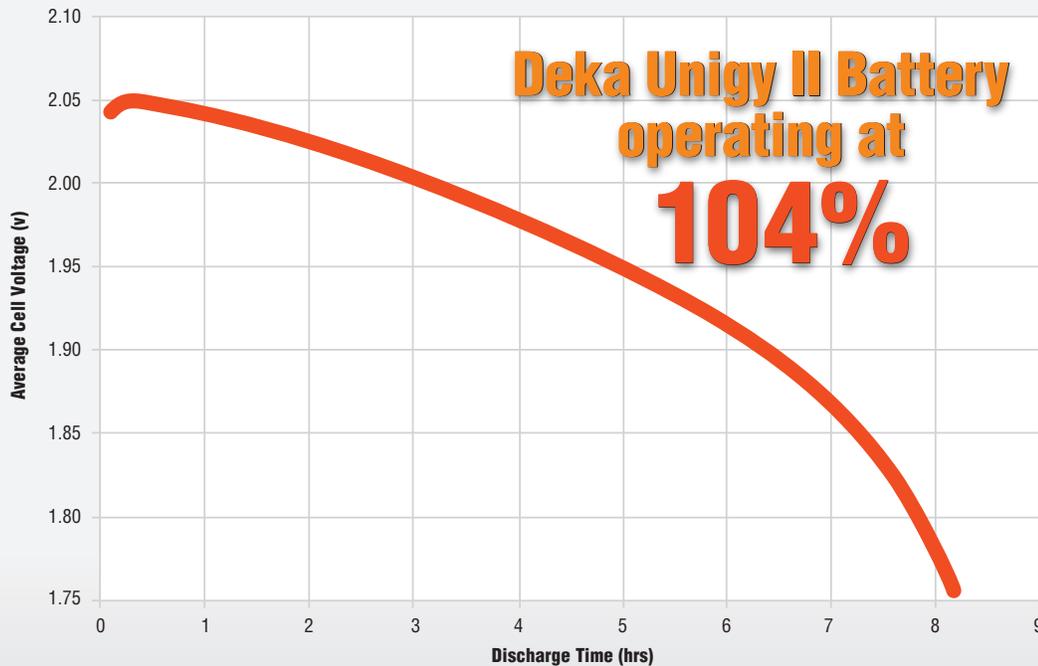
THE CLEAR SOLUTION

The customer's power solution choice for their world class mobile network was the **Deka Unigy II** valve regulated lead-acid (VRLA) batteries. These batteries have been used for decades in the traditional telephone industry and were a natural progression to the emerging mobile industry. They provide a maintenance-free and sustainable solution to today's telecom needs.

*"After more than a decade of service, the Deka® Unigy® II batteries still provided capacity ratings of over **100%** at the 8 hour rate!"*

*"The Deka Unigy II lasted longer than **11 years** in service."*

**8hr Discharge of Deka Unigy II AVR95-33
Cells Installed 11 years in a Telecom Application***



*Temperature corrected to 77°F (25°C)

THE RESULTS

The customer installed 13 strings of the Deka Unigy II product, which equated to over 300 individual cells. These cells were checked on a quarterly basis and lasted over 11 years in service. After more than a decade of service, the Deka Unigy II batteries still provided capacity ratings of over 100% at the 8 hour rate!

These results are nothing short of spectacular and show the consistent quality and performance of Deka batteries.

THE CONCLUSION

Performance, combined with a truly sustainable solution, makes the Deka Unigy II the clear winner in this customer's critical mobile telecom application. Deka batteries are the safe and reliable solution to help you reach your performance, sustainability and cost goals.

Call us today to learn how we can help you succeed.



Deka Unigy II Battery



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