

PROJECT FACT SHEET

Customer: NEXTDC

Project: How Nilsen's best-practice maintenance program helped NEXTDC achieve Operational Sustainability

Project Profile: Nilsen Engineering Services (a TEGG® Service Provider) has entered a new level in protecting NEXTDC facilities from electrical system failures, property damage, electrical fires and resultant business interruptions through the implementation of our TEGG® comprehensive electrical preventive maintenance program.

Coupled with NEXTDC vendor training as part of its program for Uptime Institute Tier III Certification of Operational Sustainability, Nilsen has further strengthened its commitment to continuous improvement in process and procedures for data centre electrical maintenance.

By implementing Uptime Institute best practices, we ensure that Methods of Procedure (MOPS), test certificates, tool control, trade licenses, inductions, entry tickets, cleanliness, site awareness, staff levels and SLAs are all up to date and maintained.

NEXTDC's Manager of Central Operations, Brett Ridley, worked closely with Nilsen to implement the maintenance program initially at P1 which is now rolling out across the rest of NEXTDC's nationwide data centre network. "Nilsen's TEGG program was an important piece of the puzzle, not only with respect to NEXTDC selecting Nilsen and the team securing Uptime Institute Operational Sustainability certifications, but also in the day to day running of our world class facilities" said Brett. "Their attention to detail, assets capture and easy operational access via an online portal makes reporting on potential impacts to operations a simple click of the button and removes lag time between issues highlighted and rectification" said Brett.



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Project Profile: An effective electrical maintenance program is designed to keep equipment in like-new condition, identify potential problems before they cause a failure and extend the life of the equipment and systems.

Nilsen supports NEXTDC to employ a pro-active maintenance philosophy by collaborating to change behaviours and reduce risks even beyond the TIER design topology, reinforcing the data centre's ability to meet its business objectives over the long term.

A TEGG® Electrical Maintenance Service is uniformly performed at each site location based on TEGG's training, electronic test sheets, and comprehensive record-keeping including the use of 40 Cal Flame Resistant Clothing and Personal Protective Equipment used by the Nilsen Technicians.

Through this best practice approach, Nilsen is proud to have contributed to NEXTDC achieving an Uptime Institute Tier III Gold Certification of Operational Sustainability for its S1 Sydney data centre and P1 Perth data centre with more of their data centres to come throughout FY18.