

## PROJECT FACT SHEET

**Customer:** Adelaide Airport Limited

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**Project:** Site Maintenance Agreement

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**Project Profile:** Condition monitoring of equipment onsite is essential for items of critical equipment such as Power Factor Correction units ensure compliance with the local Supply Authorities terms of supply agreements.

Nilsen have developed, in conjunction with partnered manufacturers, Capacitor life span charts that allow predictive condition monitoring and trending of Power Factor Correction units.

The predictive nature of the maintenance provides the customer an electrical insight into the Power Factor Correction units; with this insight planned outages can be scheduled at the most convenient time for the business resulting in limited disruptions to services. This planning also reduces costs implications from procuring emergency replacements and possible supply authority penalties.

Conducting regular inspections develops insight to the condition of the capacitor quality; this insight allows trending of life expectancy of the capacitors within the Power Factor Correction units that deteriorate over time and reduces the risk of catastrophic failures.

