

CASE STUDY



Project Overview

The Grove Project is a multi-residential property development in Perth, Western Australia, where IPD worked closely with the switchboard manufacturer, NRP, and electrical contractor, Peak Electrical, to support the project's timely completion. The overall construction period lasted 1.5 years and concluded in June 2024.

The Grove is located in Perth's most sought-after residential area, at the intersections of Cottesloe, Mosman Park, and the Shire of Peppermint Grove. The development required electrical infrastructure to support high-end features across two buildings, including the electrical switchboard, distribution boards, busduct and switchgear.

Customer challenge

Throughout the construction period, the COVID-19 restrictions added several logistical restraints to the project, which caused disruptions in the supply chain. This created an obstacle to the procurement and delivery of the electrical products needed for the project.

The delay posed a significant challenge for the Grove Project development team to maintain the project schedule and quality standards.

PROJECT

The Grove Project

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Project Scope

To address the project challenges, NRP Electrical chose IPD to supply the electrical products that they needed. Due to the price and support provided by IPD, stock availability we offered, and the longstanding relationship we have, NRP trusted us to deliver the project on time.

NRP are a leading switchboard manufacturer, located in Western Australia, that were contracted by the developer electrical contractor on the Grove Project to build the electrical switchboard systems and distribution boards that would end up being commissioned, installed and tested by Peak Electrical.

NRP built the electrical switchboard with the Elsteel Modular Switchboard System and ABB low-voltage switchgear products from IPD. We ensured NRP was able to deliver the project despite the logistical challenges, by ensuring we procured additional stock to store in our warehouses across the country.

Peak Electrical's contractors were able to successfully install, test and commission the electrical infrastructure from NRP on time. They were also supplied with Powerduct busway system and distribution boxes for each of the two towers in the Grove Project. IPD's Powerduct busway system offered flexible power distribution through its modular design, saving time and significant cost during installation. The IPD team applied their project management and logistics expertise to deliver all necessary products. Despite the pandemic restrictions, IPD delivered all items promptly, ensuring the project remained on schedule. The team's proactive local customer support and responsiveness resulted in seamless coordination with both NRP and Peak Electrical.



Outcome

The Grove Project's electrical systems were completed successfully, demonstrating the effectiveness of IPD's service. By supplying all products on time, IPD allowed contractors to continue their work without delays. This timely support and the careful delivery of products resulted in the project's smooth progression and client satisfaction. NRP, in particular, appreciated IPD's hands-on approach. The team's expertise, ability, and ready stock of products fulfilled the client's requirements.

Eric Buehrig from NRP noted, "I like the responsiveness, technical knowledge, and understanding of the IPD team that helped those distribution boards to reduce from isolators to miniature circuit breakers."

Peak Electrical also provided positive feedback for IPD's support, stating that they were happy with IPD's proficiency and product offerings. The collaboration met the project's objectives and highlighted IPD's capability and readiness to deliver high-quality electrical solutions, even under challenging conditions.



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