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|-----------------------------|---------------------------------|------------------------|------------------------|
| Name: | Chichester Dam Main Switchboard | Client: | Hunter Water Australia |
| Owner: | Hunter Water Corporation | Site Location: | Chichester Dam |
| Value at Completion: | Approx. \$60,000 | Year Completed: | 2008 |

Project Description: During torrential rain, a substantial landslip at Chichester Dam required the replacement of the Main Switchboard and associated mains cabling. Hunter Water Corporation called on ODG to design, manufacture, install and fully commission a new Main Switchboard for the dam facility. The switchboard was manufactured utilising the Elsteel Techno modular, type tested switchboard system mounted on a custom manufactured HD galvanised channel plinth. The MSB was constructed to Form 3b segregation and IP55 degree of protection.

- Technical Highlights:**
- Design of SLDs, Schematics, GA drawings and Enclosure Layouts
 - Multiple Incomer Circuit Breakers for Mains, Generator & Hydro generator supplies c/w dual Country Energy Metering.
 - 1 x Manual Transfer Section
 - 1 x Distribution Section
 - Factory Acceptance Testing & Commissioning
 - On site installation & commissioning

PROJECT PROFILE

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|--|---|--|---|
| Personnel: | Switchboard Manager: Brett Dunning Project Designer: Paul Dent | | |
| Special Project Achievements | The Main Switchboard had to be designed, manufactured, installed and commissioned within a period of 4 weeks due to public safety issues. | | |
| Quality Standards Applicable | AS/NZS 3000, AS/NZS 3439.1 | | |
| Specific OH & S Requirements | Form 3b Segregation, IP2X Protection. | | |
| Referees: | <table><tr><td>Luke Whitelaw Electrical Engineer Hunter Water Corp. Ph: 0411 584 510</td><td>Todd Trench Project Engineer Hunter Water Aust. Ph: 0412 305 663</td></tr></table> | Luke Whitelaw Electrical Engineer Hunter Water Corp. Ph: 0411 584 510 | Todd Trench Project Engineer Hunter Water Aust. Ph: 0412 305 663 |
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