

A TEAM APPROACH THAT DOES THE SCG PROUD

Introduction

There are a few more iconic images in Australian sport than that of a sell-out crowd at the Sydney Cricket Ground (SCG) in New South Wales for an International Test Match or blockbuster AFL clash. From the distinctive light towers and much-loved member's pavilion, to the stadium's rich history dating back to the early 1800s, the SCG has managed to bring together personality and character with state-of-the-art features and a modern flare. The result is a world-class and multi-purpose sporting and entertainment facility that millions of sporting fans descend upon every year.

It was in an effort to cater for this loyal and ever-increasing patronage that the SCG Trust – who is responsible for the management of this sporting facility, embarked on the extensive stadium redevelopment that resulted in what we see today.

The first stage of the plan was completed in 2008 with the opening of the Victor Trumper Stand and in 2012, work began on Stage Two which involved the replacement of the MA Noble, Sir Don Bradman and Dally Messenger stands.

Project Overview

Having played a role in various elements of the Stage One developments, NHP were well suited to continue their involvement when Stage Two scope documents were put to tender by consultants, AECOM.

Throughout the Stage Two developments, NHP worked closely with Barnwell Cambridge, and their nominated switchboard builder, SMB Harwal, to ensure the design and ultimate installation of the electrical switchgear was integrated throughout the entire site.

These developments involved the design of a three-tiered stand comprising five-levels which was to align with the existing SCG Hill Grandstand profile. To achieve the desired outcome of offering spectators better viewing, facilities and overall atmosphere, improvements included seating closer to the field of play, increased undercover seating and the promise of unobstructed views. A detailed and extensive set of electrical works were also required to power one of the largest video screens of any Australian sports ground as well as the extensive catering, corporate, media and AFL player facilities.

Solution

To fulfil these power requirements NHP, working with Barnwell Cambridge and SMB Harwal delivered four main switchboards (MSBs), four main distribution

boards (MDBs), four low voltage distribution boards (LVDBs) and sixty distribution boards (DBs).

"Barnwell Cambridge selected the NHP product for many reasons including engineering support, product range, quality of products and specific features to ensure the final solution met the needs of the complex project", said Anthony Cambridge from Barnwell Cambridge.

"This was enhanced with the ability of NHP to deliver products on a project with tight time frames, where the power reticulation needs to be completed and operational, before the rest of the building. This was to ensure that the major international sporting events of the Fifth and deciding Cricket Ashes Test and Major League Baseball would be played without interruption."

The various board requirements saw a range of Terasaki air circuit breakers and automatic transfer switch units, Socomec load break switches, DIN-T miniature circuit breakers as well as other NHP chassis assembly components.

"Whilst future development requirements and continuity of brand throughout the site were important considerations, it was our proven product range and working relationships at all levels of a project that made us the right electrical supplier for the Stage Two developments", said Paul McIlwain, Business Development Manager- Projects at NHP.

"Our feedback from the consultant, contractor and switchboard builder has been positive and given the project was delivered in a manner that met all parties' expectations, it has been a great outcome for all involved".

As an added bonus for patrons, the newly developed stands are also among the world's most digitally-advanced, with fans able to enjoy free high-speed Wi-Fi and a vast network of hundreds of IPTV screens. The Stage Two developments reached full completion in July 2014, creating 13,360 extra seats in the new stands and boosting the SCG's capacity to 48,000.



Project Fact File

Project: Sydney Cricket Ground

Location: Sydney, New South Wales (Australia)

Details: To ensure the SCG remained a world-class and multi-purpose sporting and entertainment facility, the SCG Trust, embarked on an extensive stadium redevelopment

NHP Products/Services:

- Terasaki Air Circuit Breakers
- Terasaki Automatic Transfer Switches
- Socomec Load Break Switches
- NHP DIN-T Miniature Circuit Breakers

