

# Complete life cycle support for your critical power control assets

Support solutions for commercial and industrial incoming voltage systems

SERVICES & TRAINING





Obsolete main circuit breaker



## Background

Plant and facility managers are often faced with the dual challenge of keeping production downtime to a minimum, whilst ensuring key components such as circuit breakers, power factor systems and drives don't fail without notice.

### Don't risk costly power failure or downtime:

- Loss of production
- Personal safety
- Insurance claims or damages
- Loss of data or communication
- Loss of power

## Switchgear

Many of today's industrial and commercial electrical installations are protected by switchgear with a primary role to activate at a moment's notice, to prevent damage to installations from various forms of overcurrent. Lying dormant for many years, ageing switchgear will either be very close to the end of its useful life or worse, beyond it.

Main circuit breakers, as part of the incoming voltage system, may no longer be manufactured and/or be serviceable. Therefore knowing the life cycle status and the risks associated with installed components is important for managing unplanned downtime.

NHP, an Australian owned company providing power / control solutions for over 45 years, has the experience and expertise to provide you with the most appropriate solution for your application and can assist with:

- Reducing unscheduled downtime
- Stabilising maintenance budgets
- Maximising productivity
- Improving security and safety
- Increase reliability

## Complete life cycle support for your critical power control assets

### RECOGNITION:

- Routine audits
- Assessments

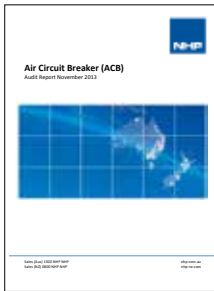


## NHP's total life cycle approach to switchgear management

### Recognition:

Starting off with a comprehensive audit of your installed switchgear, NHP's life cycle report will provide you with the data to make an informed decision.

- Comprehensive site audits of all installed circuit breakers and their application
- Reliability risk assessments



*NHP Service report*

### Evaluation:

NHP's team of product specialists will assist you with developing a plan of action. Whether it's an update or retrofit, NHP will provide you with the right technical advice.

- Traffic light report highlighting current, aging and obsolete circuit breakers installed at your facility
- Preparation of a detailed report and implementation timelines based on the risks identified during the audit process



*Completed retrofit of main circuit breaker*

### Implementation:

When it's time to implement a solution, NHP will be right there with you. From project management, installation and final commissioning NHP's industry professionals will be there every step of the way.

- Retrofits and upgrades as identified in the audit report
- Provision of regular maintenance services

### EVALUATION:

- Lifecycle status
- Migration planning

### IMPLEMENTATION:

- Retrofits and updates
- Maintenance



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## AUSTRALIA

[nhp.com.au](http://nhp.com.au)

**SALES 1300 NHP NHP**

**FAX 1300 NHP FAX**

### VICTORIA

#### Melbourne

43-67 River Street  
Richmond  
VIC 3121  
Tel +61 3 9429 2999

#### Laverton

104-106  
William Angliss Drive  
Laverton North  
VIC 3026  
Tel +61 3 9368 2901

#### Albury / Wodonga

847 Ramsden Drive  
Albury  
NSW 2640  
Tel +61 2 6049 0600  
Fax +61 3 6025 0592

#### Dandenong

Unit 1/80 Monash Drive  
Dandenong South  
VIC 3175  
Tel +61 3 8773 6400  
Fax 1300 647 329

### TASMANIA

#### Hobart

29B Lampton Ave  
Derwent Park  
TAS 7009  
Tel +61 3 6228 9575  
Fax +61 3 6228 9757

#### Launceston

Unit 3  
13-17 Merino Street  
Kings Meadows  
TAS 7249  
Tel +61 3 6345 2600  
Fax +61 3 6344 6324

### NEW SOUTH WALES

#### Sydney

30-34 Day Street North  
Silverwater  
NSW 2128  
Tel +61 2 9748 3444

#### Newcastle

575 Maitland Road  
Mayfield West  
NSW 2304  
Tel +61 2 4960 2220  
Fax +61 2 4960 2203

#### Wollongong

Unit 3  
1 Resolution Drive  
Unanderra  
NSW 2526  
Tel 1300 647 647  
Fax 1300 647 329

### ACT

#### Canberra

Unit 1  
187 Gladstone Street  
Fyshwick  
ACT 2609  
Tel +61 2 6280 9888  
Fax +61 2 6280 9588

### WESTERN AUSTRALIA

#### Perth

38 Belmont Ave  
Rivervale  
WA 6103  
Tel +61 8 9277 1777

### NORTHERN TERRITORY

#### Darwin

3 Steele Street  
Winnellie  
NT 0820  
Tel +61 8 8947 2666  
Fax +61 8 8947 2049

### QUEENSLAND

#### Brisbane

16 Riverview Place  
Murarrie  
QLD 4172  
Tel +61 7 3909 4999

#### Townsville

5 Leyland Street  
Garbutt  
QLD 4814  
Tel +61 7 4779 0700  
Fax +61 7 4775 1457

#### Rockhampton

1 Lawson Street  
Parkhurst  
QLD 4702  
Tel +61 7 4927 2277  
Fax +61 7 4922 2947

#### Toowoomba

Cnr Carroll Street and  
Struan Court  
QLD 4350  
Tel +61 7 4634 4799  
Fax +61 7 4633 1796

#### Cairns

Unit 2  
1 Bram Close  
Portsmith  
QLD 4870  
Tel +61 7 4035 6888  
Fax +61 7 4035 6999

### SOUTH AUSTRALIA

#### Adelaide

36-38 Croydon Road  
Keswick  
SA 5035  
Tel +61 8 8297 9055

## NEW ZEALAND

[nhp-nz.com](http://nhp-nz.com)

**SALES 0800 NHP NHP**

**FAX 0800 FAX NHP**

### PO Box 62-009

**Sylvia Park  
Auckland 1644  
New Zealand**

#### Auckland

118a Carbine Road  
Mt Wellington 1060

#### Hamilton

78 Rostrevor Street  
Hamilton 3204

#### Napier

126 Taradale Road  
Onekawa 4110

#### New Plymouth

2 Dean Place  
Waiwhakaiho 4312

#### Wellington

Unit B4, 59 Marsden Street  
Melling  
Lower Hutt 5010

#### Christchurch

27 Iversen Terrace  
Waltham 8011

#### Dunedin

30 Fox Street  
South Dunedin 9012

**NHP Electrical Engineering Products Pty Ltd**

A.B.N. 84 004 304 812

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