NHP ELECTRICAL ENGINEERING PRODUCTS

EV Readiness Assessment

Want to install electric vehicle (EV) charger, but unsure if your existing infrastructure can handle the additional power demand?

Installing a charger/s into your building is not as difficult or as complicated as you might think. With 55 years of electrical engineering experience, and as one of the pioneers in the Australian and New Zealand EV landscape, NHP has developed a range of products to make an EV upgrade to your building straightforward.

Request assessment

nhp.com.au | nhpnz.co.nz

1300 647 647 | 0800 647 647

nhpservice@nhp.com.au | servicenz@nhp-nz.com

So where do you start?

NHP's EV Readiness Assessment is designed to review your seasonal power demand to determine:

- How much power is available for charging?
- Propose possible locations for installation
- What sort of chargers are needed?
- Are network upgrades or load management required?

This report will also factor in specific needs of your business to determine the best fit to ensure you get the most from your new EV charging infrastructure.

Request assessment

What's involved in the assessment:

Step 1

Survey to understand key requirements

NHP will carry out a stakeholder survey to understand the EV charging needs to assist with selecting the right approach.

Key considerations include:

- How long your customers / tenants are parking – overnight, during the day or short stops
- Charging expectations – top up or full charge required
- Is billing required for the use EV chargers?
- The results can assist with determining the appropriate strategy, including the requirement for supporting infrastructure.

Step 2

Building power assessment

The next step is to understand the existing electrical demands of the site.

Key elements of the power assessment include:

- Current electrical capacity for the site
- Historical peak energy loads and usage patterns.

This is an important step as it will help to establish baseline energy demands that can be used to understand the impacts of implementing EV charging.

Step 3

Building electrical infrastructure assessment

- Understanding the existing electrical infrastructure will help determine whether additional electrical distribution hardware is required
- The assessment is focused on where the EV charging infrastructure is required.

Step 4

Building the report

Once all the relevant information has been gathered, NHP will prepare a report that will provide guidance on what is required to achieve the EV charging goals.

The report will include:

- Summary of EV charging goals and expected usage requirements
- Details of energy usage and load profile information
- Current electrical infrastructure
- General findings and advice on how to achieve your EV charging goals.

NHP will then be available to walk you through the report details and findings. From this, the NHP Services and Solutions team or our authorised service partner can provide a quote for the installation of your new EV charging solution.