

PROJECT PROFILE



BP Freeway Service Station

- Fuels Systems Electrical Installation

Client:	Enviro Pacific Services
Location:	Kwinana Freeway, - Northbound and Southbound, Baldivis WA
Start Date:	31 March 2015
End Date:	27 November 2015
Contract:	Installation
Category:	Industrial
Industry:	Retail

Williams Electrical Service (WES) was appointed by Enviro Pacific Services to install the electrical, instrumentation and communications services for the fuel dispensing system at BP's dual state-of-the-art Freeway Service Stations on the Kwinana Freeway at Baldivis.

The \$35 million facilities are a first for Western Australia, catering for commercial hi-flow diesel vehicles as well as private vehicles travelling between Perth and the South West of the State.

Located 50km south of Perth and on opposing sites either side of the Kwinana Freeway, the dual facility spans approximately 80,000m² of land and is collectively largest retail combined fuels installation in WA. The project required over 10km of electrical conduits to be installed across the two sites.

Successful delivery of the works was heavily dependent on close liaison and collaboration with the client and other fuels and civil contractors to ensure the electrical

installation kept to program with no impact made to other scheduled works.

WES' project manager and hazardous works certified electrical supervisor oversaw the project to ensure safe work practices and quality installation practices were maintained throughout – resulting in an incident and injury free delivery.

Daily prestart meetings were held to review the program of works and discuss any potential hazards together with mitigating measures. The WES team regularly liaised with other trades and coordinated start and finish times as well as materials delivery to site to avoid heavy traffic congestion periods.

All contracted works were undertaken by qualified WES employees, including the facilitation of hazardous area techniques, which utilised vapour seals and the in-house manufacture and

installation of six vapour break conduit cabinets (three per site).

In addition to the scope of works, WES supplied and installed pole-mounted lighting at the tank's farm fill points.



WES has successfully maintained a close working relationship with client Enviro Pacific Services over the delivery of multiple projects. This particular project was delivered on time, on budget and was incident and injury free, resulting in a commendation from the client and from BP to WES and its team members involved in the project.