



SPE ELECTRICAL



CASE STUDY 8: BRITISH PIPELINE AGENCY LTD

GENERAL CONSULTANCY

Client:	BPA
Industry:	Oil & Gas
Plant Type:	Oil Depot
Project:	Consultancy
Contract:	Lump Sum
Date:	2017

“SPE was appointed to provide general consultancy services to support the Buncefield rebuild project.”

SPE was contracted by British Pipeline Agency Ltd (BPA) to provide general consultancy services in support of the Buncefield rebuild project at Hemel Hempstead, UK.

SPE began by visiting the site and undertaking a thorough review of the existing site and construction progress, before holding a detailed review with BPA. SPE then agreed a plan to initially target the key schedule risk areas, in order to help keep the construction and power-on schedule on track.

SPE's scope included undertaking the HV and LV cable sizing calculations, assessment of the site earthing system and neutral-earth connection strategy, correct implementation of the SBEF and REF protection schemes and review of the protection coordination study.

From first attending the site, SPE managed to gain a clear understanding of the key project requirements and within 4 weeks of the starting date managed to produce the first issue of all key deliverables, and help close down many of the existing problems.