

Powerlink/PADCo



Key information

Project value **£184 million**

Introduction

The £184 million Powerlink project, which consists of two companies, EDF Energy Powerlink (EDFEPL) and Power Asset Development Company (PADCo). EDFEPL operates the London Underground high voltage power system under a 30-year contract. PADCo is upgrading the system to enhance the reliability of operation.

Balfour Beatty has a 10% shareholding in Powerlink and a 25% shareholding in Power Asset Development Company (PADCo).

At 31st December 2005 Balfour Beatty had invested £4m in the project. Balfour Beatty's total committed investment is £7 million.

Financing type: Debt



Project overview

- Comprises the operation, maintenance and renewal of the existing power distribution network and the generating station at Greenwich
- The existing London Underground workforce was transferred to EDFEPL's employment.
- Revenue is derived from a pre-agreed fee subject to any related deductions.
- Construction of the new assets is undertaken as a joint venture, in which a Balfour Beatty Group company, Balfour Kilpatrick, has a 40% share.
- Construction is substantially complete on the new power assets and the operating performance has been satisfactory.

Creating new assets

The major new asset works are:

- The installation of battery supplies in all tube and sub-surface stations together with the refurbishment of generating plant at the Greenwich emergency generating station
- Decommissioning Lots Road power station
- Upgrading the Northern Line power distribution system
- Replacing the network control system
- Reinforcement of the distribution system and replacement switchgear
- Installing equipment to smooth out voltage fluctuations and compensate for harmonic distortions in the power network

*"We are fully committed to ensuring that EDF Energy Powerlink is a socially responsible company that actually **works to improve the quality of the environment in which we operate.**"*

Brian Gray, Director of EDF Energy Major Projects, our partners in Powerlink