

The Keadby Next Generation Power Station Project

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The Keadby Next Generation Power Station Development Consent Order [year]

Environmental Statement (ES)

Volume II – Appendix 1C Statement of Competance

The Planning Act 2008

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017

Applicant: Keadby Next Generation Limited

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1C. Introduction

1C.1. Overview

- 1C.1.1. The Environmental Impact Assessment (EIA) has been undertaken by Arup and AECOM on behalf of the Applicant (Keadby Next Generation Limited).
- 1C.1.2. Arup is a global multidisciplinary consultancy renowned for delivering innovative and sustainable engineering, design, and advisory services. In the UK EIA preparation is carried out by Arup's dedicated team of over 300 environmental professionals. Arup's experts span a comprehensive range of environmental disciplines, including air quality, acoustics, traffic and transport and geo-environmental sciences.
- 1C.1.3. AECOM is a global provider of professional technical and management support services. In the UK, EIA preparation is undertaken by AECOM's in-house resource of over 600 environmental specialists. AECOM's specialists cover the whole spectrum of environmental skills including ecology, cultural heritage, waste management, hydrology and flood risk, landscape architecture, carbon management and climate change adaptation.
- 1C.1.4. Both Arup and AECOM are registered to the EIA Quality Mark. The EIA Quality Mark is a scheme operated by the Institute of Environmental Management and Assessment (IEMA) that allows organisations (both developers and consultancies) that lead the co-ordination of statutory EIAs in the UK to make a commitment to excellence in their EIA activities and have this commitment independently reviewed.
- 1C.1.5. The EIA Quality Mark registrants adhere to seven key commitments. These commitments underpin and maintain the high standards of EIA activities:
- EIA Management – We commit to using effective project control and management processes to deliver quality in the EIAs we co-ordinate and the Environmental Statements (ES) we produce.
 - EIA Team Capabilities – We commit to ensuring that all our EIA staff have the opportunity to undertake regular and relevant continuing professional development.
 - EIA Regulatory Compliance – We commit to delivering ES that meet the requirements established within the appropriate UK EIA Regulations.

- EIA Context and Influence – We commit to ensuring that all EIAs we coordinate are effectively scoped and that we will transparently indicate how the EIA process, and any consultation undertaken, influenced the development proposed and any alternatives considered.
- EIA Content – We commit to undertaking assessments that include: a robust analysis of the relevant baseline; assessment and transparent evaluation of impact significance; and an effective description of measures designed to monitor and manage significant effects.
- EIA Presentation – We commit to deliver ES that set out environmental information in a transparent and understandable manner.
- Improving EIA Practice – We commit to enhance the profile of good quality EIA by working with IEMA to deliver a mutually agreed set of activities, on an annual basis, and by making appropriate examples of our work available to the wider EIA community.

1C.1.6. This ES has been coordinated by Arup and reviewed by both Arup and AECOM. The authors have considerable experience in all aspects of EIA. Arup's EIA co-ordinators are highly competent in the management of multi-disciplinary project teams working on large scale nationally significant infrastructure projects.

1C.1.7. Specialist topics addressed in this ES have been prepared by competent and experienced experts and reviewed by appropriately qualified discipline leads as shown in **Table 1**.

1C.2. Statement of Competence

Table 1C.1: Statement of Competence

Chapter Number	Chapter Title	Author Qualifications	Reviewer Qualifications
Chapter 1	Introduction	BSc (Hons), AMIEnvSc	BSc (Hons), MSc, MIEMA, CEnv
Chapter 2	Assessment Methodology	BSc (Hons), AMIEnvSc	BSc (Hons), MSc, MIEMA, CEnv
Chapter 3	The Site and Surrounding Areas	BSc (Hons), AMIEnvSc	BSc (Hons), MSc, MIEMA, CEnv
Chapter 4	The Proposed Development	BSc (Hons), AMIEnvSc	BSc (Hons), MSc, MIEMA, CEnv
Chapter 5	Construction Programme and Management	BSc (Hons), AMIEnvSc	BSc (Hons), MSc, MIEMA, CEnv
Chapter 6	Consideration of Alternatives	BSc (Hons), AMIEnvSc	BSc (Hons), MSc, MIEMA, CEnv
Chapter 7	Legislation and Planning Policy	BA, MPlan, MRTPI	BA (Hons), MRTPI
Chapter 8	Air Quality	MChem (Hons), AMIAQM, AMIEnvSc	BSc (Hons), MSc

Chapter Number	Chapter Title	Author Qualifications	Reviewer Qualifications
Chapter 9	Noise and Vibration	MSc, CEng, MIOA	BSc, MSc, PhD, CEng, MIMMM, MIOA, FGS
Chapter 10	Traffic and Transport	BA (Hons), MSc, CTPP	BEng (Hons), MSc (Eng), CEng, MCIHT, CMILT
Chapter 11	Biodiversity, Ecology and Nature Conservation	BSc, MSc, MPhil, CEnv, MCIEEM	BSc, MCIEEM, PIEMA
Chapter 12	Water Environment and Flood Risk	<u>Water Environment:</u> BSc (Hons), CGeol, FGS, MEnvSc <u>Flood Risk:</u> MEng, CEng, MICE	<u>Water Environment:</u> BSc (Hons), MSc, CGeol <u>Flood Risk:</u> BSc, MSc, C.WEM
Chapter 13	Geology, Hydrogeology and Land Contamination	BSc (Hons), MSc, FGS	BSc, MSc, CGeol, CSci, SiLC
Chapter 14	Landscape and Visual Amenity	BSc (Hons), MLA, CMLI	BA (Hons), Grad DipLA, CMLI
Chapter 15	Cultural Heritage	BA	BSc, PhD
Chapter 16	Socio-economics	BA, MSc	BA (Hons), MPhil, FRTPI, FRSA, MIED
Chapter 17	Population and Human Health	BA (Hons), MIED	BA (Hons), PG Dip, MIED
Chapter 18	Climate Change and Sustainability	BSc (Hons), MSc, PIEMA	BSc (Hons), CEnv, MIEMA

Chapter Number	Chapter Title	Author Qualifications	Reviewer Qualifications
Chapter 19	Major Accidents and Disasters	Beng (Hons), MSc, CEnv, MIEEnvSc, PIEMA, PhD, AMIChemE, MIAQM, MIEEnvSc	PhD
Chapter 20	Waste and Materials	BSc (Hons), MSc, GradIEMA	MCIWM, CRWM, CEnv
Chapter 21	Cumulatives Assessment	Beng (Hons), MLitt, MSc, PIEMA	BSc (Hons), MSc, MIEMA, CEnv
Chapter 22	Summary of Residual Effects	BSc (Hons), AMIEnvSc	BSc (Hons), MSc, MIEMA, CEnv
Non-technical Summary	Non-Technical Summary	BSc (Hons), AMIEnvSc	BSc (Hons), MSc, MIEMA, CEnv