



Thurrock Flexible Generation Plant

**Preliminary Environmental Information Report
Contents Page**

Date: September 2018

Environmental Impact Assessment
Preliminary Environmental Information Report

Contents Page

Report Number: OXF10872

Version: Final

Date: September 2018

This report is also downloadable from the Thurrock Flexible Generation Plant website at:
<http://www.thurrockpower.co.uk>

Thurrock Power Ltd
1st Floor
145 Kensington Church Street
London W8 7LP

Copyright © RPS

The material presented in this report is confidential. This report has been prepared for the exclusive use of Thurrock Power Ltd and shall not be distributed or made available to any other company or person without the knowledge and written consent of RPS.

Prepared by: Anna Gillespie

Contributors: Tom Dearing

Checked by: Tom Dearing

Volume	Document Number	Title
1	-	Non-Technical Summary
2	Chapters	
	-	Glossary, acronyms and units
	1	Introduction
	2	Project Description
	3	Consideration of Alternatives
	4	Environmental Impact Assessment Methodology
	5	Scoping and Consultation
3	Chapters	
	6	Landscape and Visual Resources
	7	Historic Environment
	8	Land Use, Agriculture and Socio-Economics
	9	Ecology
	10	Traffic and Transport
	11	Noise and Vibration
	12	Air Quality
	13	Human Health
	14	Climate Change
	15	Hydrology and Flood Risk
4	Chapters	
	17	Summary of Inter-Related Effects
	18	Summary of Cumulative Effects
	19	Summary of Further Mitigation, Residual Effects and Monitoring
5	Appendices to Volume 2	
	2.1	Enhancement, Mitigation and Monitoring Commitments
	2.2	Code of Construction Practice
	2.3	Accident and Emergency Management Procedures
	4.1	Cumulative Developments and Screening
4.2	Transboundary Impacts Screening Note	

Volume	Document Number	Title
6	Appendices to Volume 3	
	6.1	Addendum to the Assessment of Landscape and Visual Resources
	7.1	Historic Environment Desk Based Assessment
	7.2	Geophysical Survey Report
	9.1	Ecological Desk Study and Survey Report
	9.2	Outline Ecological Management Plan
	10.1	Transport Assessment
	11.1	Baseline Sound Monitoring Report
	11.2	BS4142:2014 Statements of Competence
	11.3	Construction Noise Assessment Methodology and Results
	11.4	Operation Noise Assessment Methodology and Results
	11.5	Standards and Guidance Relevant to Noise and Vibration
	12.1	Assessment of Air Quality Impacts on Ecological Receptors
	12.2	Baseline Air Quality Conditions
	12.3	Stack Height Determination
	12.4	Model Inputs and Outputs
	12.5	Results of Other Scenarios
	13.1	Health Baseline
	14.1	GHG Calculations
	15.1	Flood Risk Assessment
	15.2	Flood Zones and Model Data
	15.3	Surface Water Abstraction Licences, Discharge Consents and Pollution Incidents
	16.1	Phase 1 Preliminary Risk Assessment