

Electricity Act 1989  
Town and Country Planning Act 1990

Certified to be Drawing Number: 60648701-CCS-03 referred to in the consent dated 23 June 2022 given by the Secretary of State for Business, Energy and Industrial Strategy to RWE Generation Plc for the continued operation of a combined cycle gas turbine generating station at Little Barford, near St Neots.

Signed: *ML*

Department of Business, Energy and Industrial Strategy



CAPTURE PLANT	
ITEM No.	DESCRIPTION
1	BLOWER
2	DIRECT CONTACT COOLER (DCC)
3	STACK
4	ABSORBER
5	WASH WATER SYSTEM
6	DCC PUMP
7	SOLVENT PUMP
8	SOLVENT CROSS HEAT EXCHANGER
9	LEAN AMINE COOLER
10	STRIPPER
11	REBOILER
12	AMINE STORAGE TANK
13	ACID TANK
14	RECLAIMER
15	CO <sub>2</sub> COMPRESSION UNIT
16	DEHYDRATION UNIT
17	SUMP PUMPS
18	STRIPPER CONDENSER
19	ACTIVATED CARBON FILTER
20	AUXILIARY SYSTEM
21	AIR COOLING SYSTEM
22	DUCT WORK



**PROJECT**  
RWE LITTLE BARFORD  
CARBON CAPTURE  
READINESS STUDY

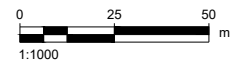
**CLIENT**  
RWE GENERATION UK

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**LEGEND**

	CARBON CAPTURE PLANT FOOTPRINT
	CARBON CAPTURE EQUIPMENT
	INDICATIVE CO <sub>2</sub> PIPELINE

- NOTES**
- DRAWING IS FOR INDICATIVE PURPOSES ONLY
  - APPROXIMATE CARBON CAPTURE PLANT FOOTPRINT IS 38,000M<sup>2</sup> (EXCLUDING DUCT WORK)
  - AVERAGE APPROXIMATE DUCT WORK LENGTH IS 410M



**APPROVED FOR ISSUE**

	A	JC	GC	GC
I/R	DRAWN BY	CHECKED	APPROVED	

**ISSUE/REVISION**

I/R	DATE	DESCRIPTION
A	21.11.2021	INITIAL ISSUE

**PROJECT NUMBER**  
60648079

**SHEET TITLE**  
ALT. INDICATIVE CONCEPT LAYOUT OF CCS PLANT FOR LITTLE BARFORD POWER STATION (AIR COOLED)

**SHEET NUMBER**  
60648701-CCS-03 OPTION 2

Project Management Initials: Designer: Checked: Approved:

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