



National  
Qualifications  
2019

**X733/77/51**

**Geography  
Supplementary item D  
for Q3**

TUESDAY, 28 MAY

9:00 AM – 11:30 AM



\* X 7 3 3 7 7 5 1 \*

SUPPLEMENTARY ITEM D

Diagram 1 Changes in renewable electricity generation in the UK from 2007 to 2015

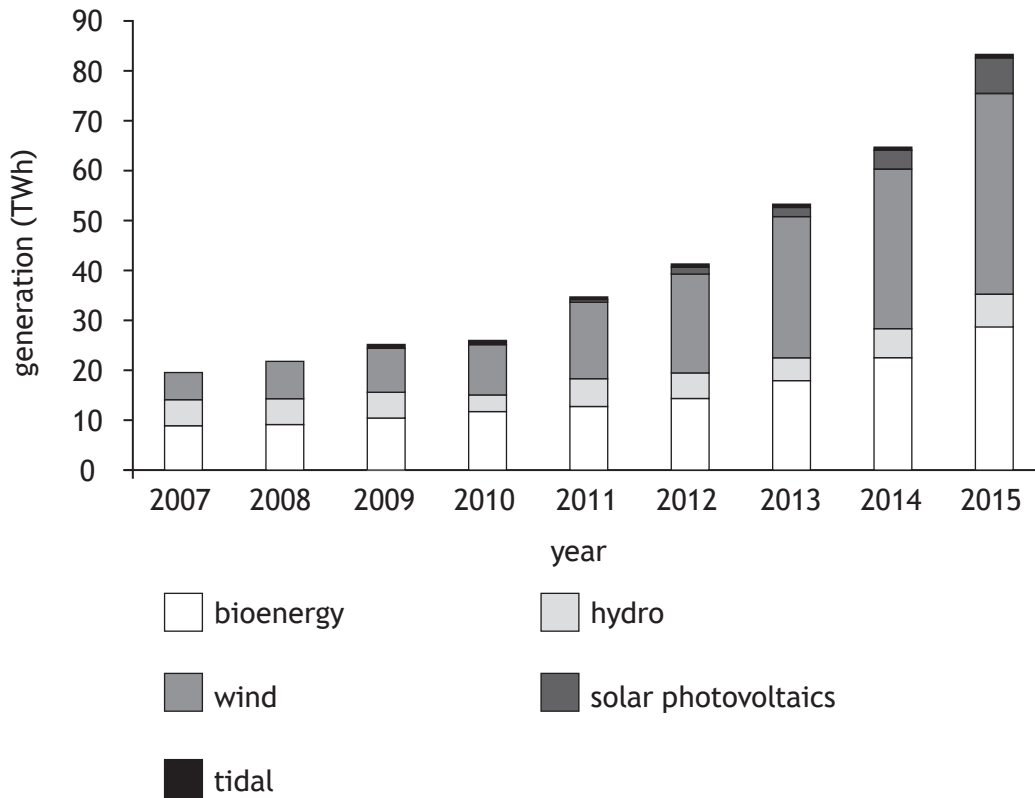
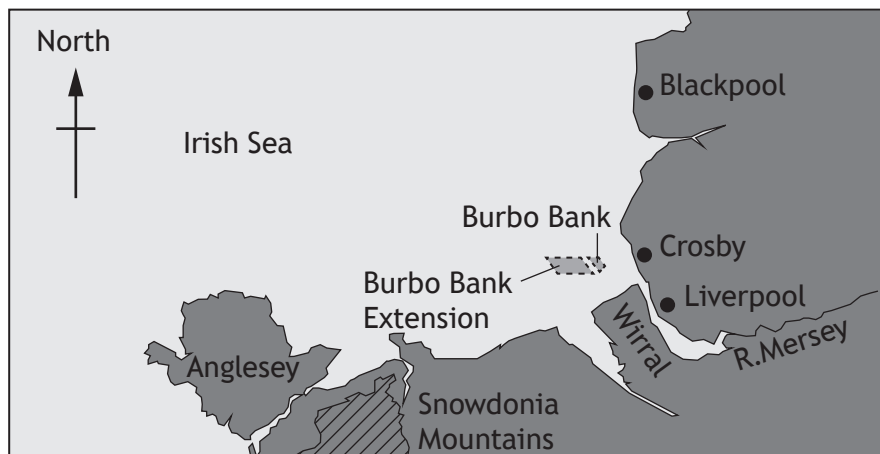


Diagram 2 Location of Burbo Bank Offshore Wind Farm



**SUPPLEMENTARY ITEM D (continued)**

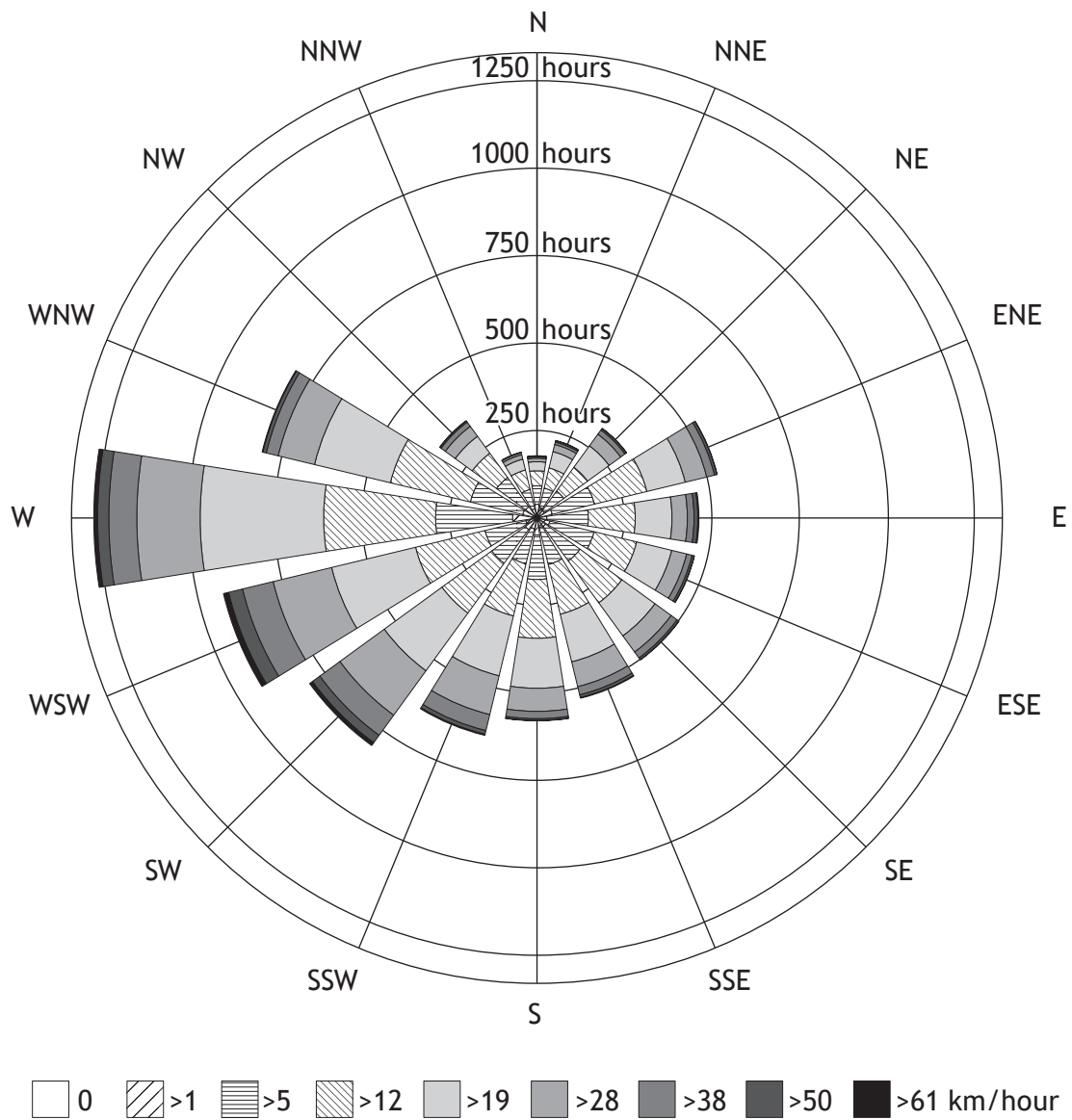
**Diagram 3** A view towards the Burbo Bank Offshore Wind Farm (taken from the Wirral coast)



[Turn over for Diagram 4

SUPPLEMENTARY ITEM D (continued)

Diagram 4 Polar graph to show annual wind speed and direction in Liverpool Bay (number of hours per year)



**SUPPLEMENTARY ITEM D (continued)**

**Diagram 5** A table to show expected monthly wind speeds in Liverpool Bay (km/hour)

Wind speed km/hour	J	F	M	A	M	J	J	A	S	O	N	D
0–1	0	0	0	0	0	0	0	0	0	0	0	0
2–5	0	0	0	0	0	0	0	0	0	0	0	0
6–12	0	1	0	1	1	2	1	1	2	1	1	1
13–19	4	3	4	6	7	8	9	8	8	6	4	4
20–28	6	6	8	10	12	13	14	14	11	9	8	6
29–38	7	6	8	8	8	6	6	7	7	9	8	7
39–50	6	6	6	4	3	1	1	1	2	4	6	7
51–60	5	4	4	1	0	0	0	0	0	2	2	4
61+	3	2	1	0	0	0	0	0	0	0	1	2

**[END OF SUPPLEMENTARY ITEM D]**