

East Anglia TWO Offshore Windfarm

Appendix 27.3 2011 Census Data

Environmental Statement Volume 3

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Author: Royal HaskoningDHV
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| Table A27.3.1 | 2011 Census Data |

Glossary of Acronyms

| | |
|----|------------------|
| KS | Key Statistics |
| QS | Quick Statistics |

Glossary of Terminology

| | |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applicant | East Anglia TWO Limited. |
| Cable sealing end compound | A compound which allows the safe transition of cables between the overhead lines and underground cables which connect to the National Grid substation. |
| Cable sealing end (with circuit breaker) compound | A compound (which includes a circuit breaker) which allows the safe transition of cables between the overhead lines and underground cables which connect to the National Grid substation. |
| Construction consolidation sites | Compounds associated with the onshore works which may include elements such as hard standings, lay down and storage areas for construction materials and equipment, areas for vehicular parking, welfare facilities, wheel washing facilities, workshop facilities and temporary fencing or other means of enclosure. |
| Development area | The area comprising the onshore development area and the offshore development area (described as the 'order limits' within the Development Consent Order). |
| East Anglia TWO project | The proposed project consisting of up to 75 wind turbines, up to four offshore electrical platforms, up to one construction, operation and maintenance platform, inter-array cables, platform link cables, up to one operational meteorological mast, up to two offshore export cables, fibre optic cables, landfall infrastructure, onshore cables and ducts, onshore substation, and National Grid infrastructure. |
| East Anglia TWO windfarm site | The offshore area within which wind turbines and offshore platforms will be located. |
| European site | Sites designated for nature conservation under the Habitats Directive and Birds Directive, as defined in regulation 8 of the Conservation of Habitats and Species Regulations 2017 and regulation 18 of the Conservation of Offshore Marine Habitats and Species Regulations 2017. These include candidate Special Areas of Conservation, Sites of Community Importance, Special Areas of Conservation and Special Protection Areas. |
| Horizontal directional drilling (HDD) | A method of cable installation where the cable is drilled beneath a feature without the need for trenching. |
| HDD temporary working area | Temporary compounds which will contain laydown, storage and work areas for HDD drilling works. |
| Jointing bay | Underground structures constructed at intervals along the onshore cable route to join sections of cable and facilitate installation of the cables into the buried ducts. |
| Landfall | The area (from Mean Low Water Springs) where the offshore export cables would make contact with land, and connect to the onshore cables. |
| Link boxes | Underground chambers within the onshore cable route housing electrical earthing links. |
| Mitigation areas | Areas captured within the onshore development area specifically for mitigating expected or anticipated impacts. |
| National electricity grid | The high voltage electricity transmission network in England and Wales owned and maintained by National Grid Electricity Transmission |
| National Grid infrastructure | A National Grid substation, cable sealing end compounds, cable sealing end (with circuit breaker) compound, underground cabling and National Grid overhead line realignment works to facilitate connection to the national electricity grid, all of which will be |

| | |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | consented as part of the proposed East Anglia TWO project Development Consent Order but will be National Grid owned assets. |
| National Grid overhead line realignment works | Works required to upgrade the existing electricity pylons and overhead lines (including cable sealing end compounds and cable sealing end (with circuit breaker) compound) to transport electricity from the National Grid substation to the national electricity grid. |
| National Grid overhead line realignment works area | The proposed area for National Grid overhead line realignment works. |
| National Grid substation | The substation (including all of the electrical equipment within it) necessary to connect the electricity generated by the proposed East Anglia TWO project to the national electricity grid which will be owned by National Grid but is being consented as part of the proposed East Anglia TWO project Development Consent Order. |
| National Grid substation location | The proposed location of the National Grid substation. |
| Natura 2000 site | A site forming part of the network of sites made up of Special Areas of Conservation and Special Protection Areas designated respectively under the Habitats Directive and Birds Directive. |
| Onshore cable corridor | The corridor within which the onshore cable route will be located. |
| Onshore cable route | This is the construction swathe within the onshore cable corridor which would contain onshore cables as well as temporary ground required for construction which includes cable trenches, haul road and spoil storage areas. |
| Onshore cables | The cables which would bring electricity from landfall to the onshore substation. The onshore cable is comprised of up to six power cables (which may be laid directly within a trench, or laid in cable ducts or protective covers), up to two fibre optic cables and up to two distributed temperature sensing cables. |
| Onshore development area | The area in which the landfall, onshore cable corridor, onshore substation, landscaping and ecological mitigation areas, temporary construction facilities (such as access roads and construction consolidation sites), and the National Grid Infrastructure will be located. |
| Onshore infrastructure | The combined name for all of the onshore infrastructure associated with the proposed East Anglia TWO project from landfall to the connection to the national electricity grid. |
| Onshore preparation works | Activities to be undertaken prior to formal commencement of onshore construction such as pre-planting of landscaping works, archaeological investigations, environmental and engineering surveys, diversion and laying of services, and highway alterations. |
| Onshore substation | The East Anglia TWO substation and all of the electrical equipment within the onshore substation and connecting to the National Grid infrastructure. |
| Onshore substation location | The proposed location of the onshore substation for the proposed East Anglia TWO project. |
| Transition bay | Underground structures at the landfall that house the joints between the offshore export cables and the onshore cables. |

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27.3 2011 Census Data

1. This appendix presents relevant census data that have been used to inform the Existing Environment presented in **section 27.5** of **Chapter 27 Human Health**. Census data is used to understand site specific populations because data at small geographic output areas (such as Lower Super Output Areas) is only collated during a census.
2. The most recent Census data is from 2011 and is available as a Data Query on the NOMIS website (part of the Office for National Statistics) and is available at the following URL:

<https://www.nomisweb.co.uk/query/select/getdatasetbytheme.asp?theme=75>

3. Key Statistics (KS) and Quick Statistics (QS) have been used. The relevant datasets are referenced within **Table A27.3.1** beginning with either KS or QS.

Table A27.3.1 2011 Census Data

| Study area of project | Onshore North | Onshore South | Landfall | Ward | District | County | LEP | Country |
|--------------------------------------------------------------------------------|----------------------|----------------------|----------------------|-----------|-----------------|---------|------------|------------|
| Name of dataset Geographic (see <i>Figure 27.1</i> for location of LSOAs used) | Suffolk Coastal 003A | Suffolk Coastal 003E | Suffolk Coastal 004A | Aldeburgh | Suffolk Coastal | Suffolk | New Anglia | England |
| QS418EW - Dwellings | 653 | 1,037 | 1,466 | 2,639 | 58,330 | 327,808 | 729,564 | 22,976,066 |
| KS101EW - Usual resident population | 1,449 | 1,911 | 2,001 | 3,225 | 124,298 | 728,163 | 1,586,051 | 53,012,456 |
| KS102EW - Age structure | | | | | | | | |
| All usual residents | 1,449 | 1,911 | 2,001 | 3,225 | 124,298 | 728,163 | 1,586,051 | 53,012,456 |
| Age 0 to 4 | 2.9% | 3.9% | 3.3% | 3.0% | 5.0% | 5.8% | 5.6% | 6.3% |
| Age 5 to 7 | 2.6% | 3.0% | 1.8% | 2.0% | 3.2% | 3.3% | 3.1% | 3.4% |
| Age 8 to 9 | 1.7% | 1.7% | 1.0% | 1.1% | 2.0% | 2.1% | 2.0% | 2.2% |
| Age 10 to 14 | 7.0% | 4.6% | 2.8% | 3.4% | 6.1% | 5.8% | 5.6% | 5.8% |
| Age 15 | 1.1% | 0.9% | 0.6% | 0.7% | 1.3% | 1.2% | 1.2% | 1.2% |
| Age 16 to 17 | 1.9% | 2.1% | 0.7% | 0.9% | 2.6% | 2.5% | 2.4% | 2.5% |
| Age 18 to 19 | 1.8% | 1.2% | 0.8% | 1.1% | 2.0% | 2.2% | 2.3% | 2.6% |
| Age 20 to 24 | 4.5% | 3.2% | 2.5% | 3.0% | 4.3% | 5.6% | 5.8% | 6.8% |
| Age 25 to 29 | 2.5% | 3.2% | 2.2% | 3.3% | 4.0% | 5.9% | 5.8% | 6.9% |
| Age 30 to 44 | 12.8% | 12.1% | 9.5% | 10.9% | 16.9% | 18.8% | 18.4% | 20.6% |

| Study area of project | Onshore North | Onshore South | Landfall | Ward | District | County | LEP | Country |
|-----------------------------------------------------------------------|---------------|---------------|----------|-------|----------|---------|-----------|------------|
| Age 45 to 59 | 23.6% | 25.5% | 16.3% | 18.1% | 21.4% | 19.8% | 19.7% | 19.4% |
| Age 60 to 64 | 9.8% | 11.4% | 10.5% | 9.8% | 8.0% | 7.1% | 7.2% | 6.0% |
| Age 65 to 74 | 14.0% | 15.5% | 20.4% | 19.0% | 11.8% | 10.3% | 10.8% | 8.6% |
| Age 75 to 84 | 9.4% | 8.0% | 17.8% | 15.9% | 8.0% | 6.7% | 7.1% | 5.5% |
| Age 85 to 89 | 3.0% | 2.6% | 5.9% | 5.0% | 2.2% | 1.8% | 1.9% | 1.5% |
| Age 90 and over | 1.5% | 0.8% | 3.4% | 2.8% | 1.2% | 1.0% | 1.0% | 0.8% |
| KS106EW - Adults not in employment | | | | | | | | |
| count of Household; All households | 598 | 863 | 1,043 | 1,708 | 53,558 | 310,745 | 682,830 | 22,063,368 |
| No adults in employment in household | 37.8% | 37.4% | 56.0% | 51.5% | 36.5% | 34.1% | 35.8% | 33.3% |
| Dependent children in household: All ages | 21.7% | 20.5% | 10.5% | 11.0% | 25.9% | 27.4% | 26.3% | 29.1% |
| One person in household with a long-term health problem or disability | 29.3% | 27.2% | 30.9% | 29.6% | 26.4% | 25.6% | 26.4% | 25.7% |
| KS301EW- Health and provision of unpaid care | | | | | | | | |
| All categories: Long-term health problem or disability | 1,449 | 1,911 | 2,001 | 3,225 | 124,298 | 728,163 | 1,586,051 | 53,012,456 |
| Day-to-day activities limited a lot | 10.8% | 8.3% | 12.2% | 11.1% | 7.9% | 7.9% | 8.5% | 8.3% |
| Day-to-day activities limited a little | 10.7% | 11.5% | 16.3% | 15.1% | 10.6% | 10.1% | 10.6% | 9.3% |
| Day-to-day activities not limited | 78.5% | 80.2% | 71.4% | 73.8% | 81.5% | 82.1% | 80.9% | 82.4% |

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| Study area of project | Onshore North | Onshore South | Landfall | Ward | District | County | LEP | Country |
|---------------------------------------------------------|---------------|---------------|----------|-------|----------|---------|---------|------------|
| Day-to-day activities limited a lot: Age 16 to 64 | 3.2% | 3.5% | 1.7% | 1.6% | 2.6% | 3.0% | 3.3% | 3.6% |
| Day-to-day activities limited a little: Age 16 to 64 | 4.3% | 4.3% | 3.4% | 3.5% | 4.2% | 4.4% | 4.6% | 4.6% |
| Day-to-day activities not limited: Age 16 to 64 | 49.3% | 51.1% | 37.6% | 42.0% | 52.4% | 54.5% | 53.8% | 56.5% |
| Very good health | 38.4% | 46.0% | 33.4% | 35.2% | 46.3% | 45.9% | 44.2% | 47.2% |
| Good health | 38.6% | 35.2% | 40.1% | 39.9% | 35.5% | 35.7% | 36.2% | 34.2% |
| Fair health | 17.3% | 13.8% | 20.6% | 19.3% | 13.8% | 13.6% | 14.4% | 13.1% |
| Bad health | 4.6% | 4.0% | 4.4% | 4.3% | 3.6% | 3.7% | 4.1% | 4.2% |
| Very bad health | 1.0% | 1.0% | 1.5% | 1.3% | 0.9% | 1.0% | 1.2% | 1.2% |
| Provides no unpaid care | 85.8% | 85.6% | 85.1% | 85.4% | 88.1% | 89.3% | 89.1% | 89.8% |
| Provides 1 to 19 hours unpaid care a week | 9.2% | 10.5% | 10.2% | 10.2% | 8.3% | 7.1% | 7.0% | 6.5% |
| Provides 20 to 49 hours unpaid care a week | 1.5% | 1.5% | 1.4% | 1.5% | 1.3% | 1.2% | 1.3% | 1.4% |
| Provides 50 or more hours unpaid care a week | 3.5% | 2.5% | 3.3% | 3.0% | 2.3% | 2.4% | 2.5% | 2.4% |
| QS119EW - Households by deprivation dimensions | | | | | | | | |
| All categories: Classification of household deprivation | 598 | 863 | 1,043 | 1,708 | 53,558 | 310,745 | 682,830 | 22,063,368 |
| Household is not deprived in any dimension | 41.1% | 48.3% | 42.9% | 42.2% | 46.9% | 43.9% | 42.5% | 42.5% |
| Household is deprived in 1 dimension | 38.5% | 34.5% | 39.7% | 39.6% | 33.9% | 33.8% | 33.9% | 32.7% |
| Household is deprived in 2 dimensions | 17.9% | 13.2% | 15.4% | 15.5% | 16.1% | 18.2% | 19.1% | 19.1% |
| Household is deprived in 3 dimensions | 2.5% | 3.7% | 2.0% | 2.6% | 3.0% | 3.8% | 4.1% | 5.1% |

| Study area of project | Onshore North | Onshore South | Landfall | Ward | District | County | LEP | Country |
|-------------------------------------------------|---------------|---------------|----------|-------|----------|---------|-----------|------------|
| Household is deprived in 4 dimensions | 0.0% | 0.2% | 0.0% | 0.2% | 0.2% | 0.3% | 0.3% | 0.5% |
| QS416EW - Car or van availability | | | | | | | | |
| All categories: Car or van availability | 598 | 863 | 1,043 | 1,708 | 53,558 | 310,745 | 682,830 | 22,063,368 |
| No cars or vans in household | 9.9% | 7.1% | 13.6% | 16.6% | 14.0% | 17.9% | 18.4% | 25.8% |
| 1 car or van in household | 43.3% | 41.4% | 50.5% | 49.8% | 42.9% | 43.5% | 44.2% | 42.2% |
| 2 cars or vans in household | 34.3% | 35.2% | 26.2% | 25.3% | 32.1% | 29.2% | 28.2% | 24.7% |
| 3 cars or vans in household | 8.0% | 10.2% | 7.0% | 6.3% | 8.0% | 6.8% | 6.6% | 5.5% |
| 4 or more cars or vans in household | 4.5% | 6.1% | 2.7% | 1.9% | 3.0% | 2.6% | 2.5% | 1.9% |
| QS501EW - Highest level of qualification | | | | | | | | |
| All categories: Highest level of qualification | 1,229 | 1,640 | 1,808 | 2,896 | 102,401 | 595,261 | 1,308,164 | 42,989,620 |
| No qualifications | 27.4% | 20.4% | 24.0% | 24.3% | 21.1% | 24.3% | 25.4% | 22.5% |
| Level 1 qualifications | 12.8% | 12.3% | 11.0% | 11.8% | 13.5% | 14.4% | 14.3% | 13.3% |
| Level 2 qualifications | 16.8% | 14.6% | 13.8% | 14.4% | 16.7% | 16.5% | 16.4% | 15.2% |
| Apprenticeship | 6.8% | 4.1% | 4.7% | 4.3% | 4.1% | 4.2% | 4.2% | 3.6% |
| Level 3 qualifications | 10.2% | 10.7% | 9.0% | 9.0% | 11.3% | 11.6% | 11.7% | 12.4% |
| Level 4 qualifications and above | 21.7% | 33.8% | 32.9% | 31.5% | 29.0% | 23.5% | 22.7% | 27.4% |
| QS601EW - Economic activity | | | | | | | | |

| Study area of project | Onshore North | Onshore South | Landfall | Ward | District | County | LEP | Country |
|---------------------------------------------------------------|---------------|---------------|----------|-------|----------|---------|---------|------------|
| All categories: Economic activity | | | | | | | | |
| Economically active: Total | 661 | 955 | 689 | 1,288 | 61,006 | 373,282 | 798,014 | 27,183,134 |
| Economically active: Unemployed | 2.9% | 3.8% | 2.5% | 3.1% | 3.9% | 5.1% | 5.3% | 6.3% |
| Economically inactive: Total | 366 | 468 | 574 | 843 | 27,244 | 152,181 | 351,247 | 11,698,240 |
| Economically inactive: Retired | 63.9% | 69.0% | 81.4% | 77.8% | 63.0% | 56.9% | 56.5% | 45.5% |
| Economically inactive: Student (including full-time students) | 7.9% | 5.6% | 2.8% | 3.1% | 10.3% | 11.2% | 12.1% | 19.3% |
| Economically inactive: Looking after home or family | 13.4% | 10.5% | 8.7% | 9.6% | 12.6% | 14.5% | 13.7% | 14.5% |
| Economically inactive: Long-term sick or disabled | 10.7% | 8.5% | 3.5% | 4.5% | 8.5% | 10.8% | 11.6% | 13.5% |
| QS606EW - Occupation (Minor Groups) | | | | | | | | |
| All categories: Occupation | 640 | 915 | 667 | 1,243 | 58,257 | 351,760 | 749,074 | 25,162,721 |
| 22. Health professionals | 2.5% | 3.6% | 2.4% | 2.0% | 3.6% | 3.3% | 3.5% | 3.8% |
| 32. Health and social care associate professionals | 0.3% | 1.0% | 0.9% | 0.9% | 1.1% | 1.1% | 1.1% | 1.2% |
| 52. Skilled metal, electrical and electronic trades | 7.3% | 3.8% | 2.7% | 3.1% | 3.7% | 4.5% | 4.6% | 3.9% |
| 53. Skilled construction and building trades | 6.9% | 6.0% | 5.5% | 5.6% | 3.8% | 4.4% | 4.5% | 3.9% |
| 912. Elementary Construction Occupations | 0.5% | 0.3% | 0.9% | 1.0% | 0.5% | 0.6% | 0.6% | 0.5% |

| Study area of project | Onshore North | Onshore South | Landfall | Ward | District | County | LEP | Country |
|---------------------------------------------|---------------|---------------|----------|-------|----------|---------|---------|------------|
| QS702EW - Distance travelled to work | | | | | | | | |
| All categories: Distance travelled to work | 640 | 915 | 667 | 1,243 | 58,257 | 351,760 | 749,074 | 25,162,721 |
| Work mainly at or from home | 12.0% | 22.1% | 23.2% | 21.6% | 14.1% | 11.5% | 11.4% | 10.3% |
| Average distance (km) | 18 | 26 | 28 | 26 | 17 | 17 | 17 | 15 |

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