

## East Anglia TWO Offshore Windfarm

## **Appendix 26.24**Summary of Interrelationships

Preliminary Environmental Information Volume 3 EA2-DEVWF-ENV-REP-IBR-000821\_024

| Link          | Impact 1:              |                 | lmn                             | act 2:          | Impact 3:                   |                       | Impact 4:                               |                         | Impact 4:   |                          | Impact 5:                          |                       | Proposed Mitigation   |
|---------------|------------------------|-----------------|---------------------------------|-----------------|-----------------------------|-----------------------|---|-------------------------|---|--------------------------|------------------------------------|-----------------------|---|
| LIIIK         | Impact 1:<br>Severance |                 | Impact 2:<br>Pedestrian amenity |                 | Impact 3:<br>Highway Safety |                       | Impact 4:<br>Driver Delay<br>(capacity) |                         | Impact 4:<br>Driver Delay<br>(B1353 convoy<br>system, Rd<br>closures) |                          | Driver Delay<br>(highway geometry) |                       | Troposed mitigation   |
|               | Assessed               | Residual        | Assessed                        | Residual        | Assessed                    | Residual              | Assessed                                | Residual                | Assessed  | Residual                 | Assessed                           | Residual              |   |
| 1             | Impacts                | Impacts         | Impacts                         | Impacts         | Impacts<br>Negligible       | Impacts<br>Negligible | Impacts<br><i>Minor</i>                 | Impacts<br><i>Minor</i> | Impacts Negligible  | Impacts<br>Negligible    | Impacts Negligible                 | Impacts<br>Negligible | Impacts 1 – 5: No mitigation further to that embedded within the design of the proposed East Anglia TWO project is considered necessary.  |
| 2             | Negligible             | Negligible      | Negligible                      | Negligible      | Major                       | Minor                 | Minor                                   | Minor                   | Negligible  | Negligible               | Negligible                         | Negligible            | Impacts 1, 2, 4 & 5: No mitigation further to that embedded within the  |
| 3             | Negligible             | Negligible      | Negligible                      | Negligible      | Major                       | Minor                 | Minor                                   | Minor                   | Negligible  | Negligible               | Negligible                         | Negligible            | design of the proposed East Anglia TWO project is considered necessary.   |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | Impact 3: Road safety measures proposed for the junction of the A12 and A1094 to include:  • A speed limit reduction;   |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | Enhanced warning signs; and   |
|               | No official            | NI I' - 'I- I - | NI I' - 'I- I -                 | NI I' - 'I- I - | N. a. P. a. P. a. P. L.     | NI I' 'I- I -         | A d'anna                                | A d'access              | Alexal's 'tale  | No official              | Alexal's Tele                      | No official           | Rumble strips.  |
| <u>4</u><br>5 | Negligible             | Negligible      | Negligible                      | Negligible      | Negligible<br>Minor         | Negligible<br>Minor   | Minor<br>Negligible                     | Minor<br>Negligible     | Negligible<br>Negligible  | Negligible<br>Negligible | Negligible<br>Negligible           |                       | Impacts 1 – 5: No mitigation further to that embedded within the design of the proposed East Anglia TWO project is considered necessary.  |
| <br>6         | Negligible             | Negligible      | Negligible                      | Negligible      | Major                       | Minor                 | Minor                                   | Minor                   | Negligible  | Negligible               | Negligible                         |                       | Impacts 1, 2, 4 & 5: No mitigation further to that embedded within the  |
| J             | rvog.igi.cre           | r vog ng no ro  | , regiigizio                    | , regiigizio    | ajei                        | iiiiiei               |   | e.                      | rrogngiere  | , rogiigi.cic            | , regiigizie                       | , regiigioie          | design of the proposed East Anglia TWO project is considered necessary.   |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | Impact 3: Road safety measures proposed for the junction of the A12 and   |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | A1094 to include:   |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | A speed limit reduction;  |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | Enhanced warning signs; and   |
| 7             |                        |                 |                                 |                 | Minor                       | Minor                 | Magligible                              | Magiliaible             | Magligible  | Magligible               | Magligible                         | Magligible            | Rumble strips.    Imports 1   |
| /             |                        |                 |                                 |                 | Minor                       | Minor                 | Negligible                              | Negligible              | Negligible  | Negligible               | Negligible                         | Negligible            | Impacts 1 – 5: No mitigation further to that embedded within the design of the proposed East Anglia TWO project is considered necessary.  |
| 8             | Negligible             | Negligible      | Negligible                      | Negligible      | Minor                       | Minor                 | Minor                                   | Minor                   | Negligible  | Negligible               | Moderate                           | Minor                 | Impact 1 – 4: No mitigation further to that embedded within the design of the proposed East Anglia TWO project is considered necessary.   |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | Impact 5: Mitigation of impacts associated with articulated HGVs turning from the A1094 to B1122 at Aldeburgh, to include, either:  |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | <ul> <li>Re-routing of articulated HGVs around the roundabout;</li> </ul>   |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | Escorting articulated HGVs; or  |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | Undertaking localised road widening.  |
| 9             | Negligible             | Negligible      | Minor                           | Minor           | Negligible                  | Negligible            | Minor                                   | Minor                   | Major   | Minor                    | Negligible                         | Negligible            | Impact 1, 2, 3 & 5: No mitigation further to that embedded within the design of the proposed East Anglia TWO project is considered necessary.  Impact 4 (road closures): Mitigation of impacts associated with road |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | closures to install cables across the road. Mitigation to include, traffic  |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | management measurers to facilitate a single lane closure and ensure the   |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | road can remain open.   |
| 10            | Negligible             | Negligible      | Negligible                      | Negligible      | Negligible                  | Negligible            | Negligible                              | Negligible              | Major   | Minor                    | Moderate                           | Minor                 | Impact 1, 2 & 3: No mitigation further to that embedded within the design of the proposed East Anglia TWO project is considered necessary.  |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | Impact 4 (road closures): Mitigation of impacts associated with road  |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | closures to install cables across the road. Mitigation to include, traffic  |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | management measurers to facilitate a single lane closure and ensure the   |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | road can remain open.   |
|               |                        |                 |                                 |                 |                             |                       |   |                         |   |                          |                                    |                       | Impact 5: Mitigation of impacts associated with articulated HGVs turning from the A1094 to B1122 at Aldeburgh, to include, either:  |

| Link   | Impact 1:<br>Severance |            | Impact 2:<br>Pedestrian amenity |            | Impact 3:<br>Highway Safety |            | Impact 4:<br>Driver Delay<br>(capacity) |            | Impact 4: Driver Delay  (B1353 convoy system, Rd closures) |            | Impact 5:<br>Driver Delay<br>(highway geometry) |            | Proposed Mitigation  |
|--|------------------------|------------|---------------------------------|------------|-----------------------------|------------|---|------------|--|------------|---|------------|--|
|  | Assessed               | Residual   | Assessed                        | Residual   | Assessed                    | Residual   | Assessed                                | Residual   | Assessed   | Residual   | Assessed  | Residual   |  |
|  | Impacts                | Impacts    | Impacts                         | Impacts    | Impacts                     | Impacts    | Impacts                                 | Impacts    | Impacts  | Impacts    | Impacts   | Impacts    |  |
|  |                        |            |                                 |            |                             |            |   |            |  |            |   |            | Re-routing of articulated HGVs around the roundabout;  |
|  |                        |            |                                 |            |                             |            |   |            |  |            |   |            | Escorting articulated HGVs; or   |
|  |                        |            |                                 |            |                             |            |   |            |  |            |   |            | Undertaking localised road widening.   |
| 11   | Negligible             | Negligible | Negligible                      | Negligible | Negligible                  | Negligible | Negligible                              | Negligible | Major  | Minor      | Negligible                                      | Negligible | Impact 1, 2, 3 & 5: No mitigation further to that embedded within the design of the proposed East Anglia TWO project is considered necessary.  |
|  |                        |            |                                 |            |                             |            |   |            |  |            |   |            | Impact 4 (B1353 convoy system): Mitigation of using a convoy system to escort HGVs via the B1353 to include:   |
|  |                        |            |                                 |            |                             |            |   |            |  |            |   |            | <ul> <li>Restricting working patterns to avoid sensitive hours and periods;</li> </ul>   |
|  |                        |            |                                 |            |                             |            |   |            |  |            |   |            | Where possible placing HGVs into a holding pattern and platooning vehicles to site; and  |
|  |                        |            |                                 |            |                             |            |   |            |  |            |   |            | Implementation of advanced signing.  |
|  |                        |            |                                 |            |                             |            |   |            |  |            |   |            | Impact 4 (road closures): Mitigation of impacts associated with road   |
|  |                        |            |                                 |            |                             |            |   |            |  |            |   |            | closures to install cables across the road. Mitigation to include, traffic   |
|  |                        |            |                                 |            |                             |            |   |            |  |            |   |            | management measurers to facilitate a single lane closure and ensure the  |
|  |                        |            |                                 |            |                             |            |   |            |  |            |   |            | road can remain open.  |
| 12   | Negligible             | Negligible | Minor                           | Minor      | Negligible                  |            | Negligible                              | Negligible | Negligible   | Negligible | Negligible                                      |            | Impact 1 – 5: No mitigation further to that embedded within the design of  |
| 13   |                        |            |                                 |            | Negligible                  |            | Negligible                              | Negligible | Negligible   | Negligible |   | Negligible | the proposed East Anglia TWO project is considered necessary.  |
| 14   |                        |            |                                 |            | Negligible                  |            | Negligible                              | Negligible | Negligible   | Negligible |   | Negligible |  |
| 15   |                        |            |                                 |            | Negligible                  | Negligible | Negligible                              | Negligible | Negligible   | Negligible | Negligible                                      |            | Leavest 4. O. O. C. Novellands and advantage that a second attention to the second attention and advantage to the second attention at the second attention attention at the second attention attention at the second attention attention at the second attention attention at the se |
| Grove<br>Road  |                        |            |                                 |            | Negligible                  | Negligible | Negligible                              | Negligible | Major  | Minor      | Negligible                                      | Negligible | Impact 1, 2, 3 & 5: No mitigation further to that embedded within the design of the proposed East Anglia TWO project is considered necessary.  |
|  |                        |            |                                 |            |                             |            |   |            |  |            |   |            | Impact 4 (road closures): Mitigation of impacts associated with road   |
|  |                        |            |                                 |            |                             |            |   |            |  |            |   |            | closures to install cables across the road. Mitigation to include, traffic   |
|  |                        |            |                                 |            |                             |            |   |            |  |            |   |            | management measurers to facilitate a single lane closure and ensure the  |
|  |                        |            |                                 |            |                             |            |   |            |  |            |   |            | road can remain open.  |
| Key  |                        |            |                                 |            |                             |            |   |            |  |            |   | 1          | ·  |
| Links screened out in accordance with GEART Rule 1 and 2 |                        |            |                                 |            |                             |            |   |            |  |            |   |            |  |
| Links requiring further mitigation                       |                        |            |                                 |            |                             |            |   |            |  |            |   |            |  |