



# **East Anglia ONE North Offshore Windfarm**

## **Appendix 26.20** **Link Capacity Modelling**

### **Environmental Statement Volume 3**

Applicant: East Anglia ONE North Limited  
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Vissim Modelling Results Overview (Total)

			TOTAL Delay [min]					Relative Growth Total Delay [%]			
			ALL VEH	CAR	HGV	LGV	ALL VEH	CAR	HGV	LGV	
Eastbound	AM	Base	78.51	63.10	5.20	10.35					
Eastbound	AM	Scenario 1	80.53	63.52	6.74	10.43	2.57%	0.65%	29.58%	0.78%	
Eastbound	AM	Scenario 2	79.93	63.28	6.02	10.42	1.80%	0.28%	15.74%	0.72%	
Eastbound	PM	Base	73.80	54.71	5.47	13.87					
Eastbound	PM	Scenario 1	82.93	61.83	6.98	14.25	12.36%	13.00%	27.61%	2.76%	
Eastbound	PM	Scenario 2	80.64	60.29	6.24	14.03	9.26%	10.20%	14.02%	1.17%	
Westbound	AM	Base	72.71	53.13	7.67	12.29					
Westbound	AM	Scenario 1	83.35	61.27	9.87	12.49	14.63%	15.31%	28.69%	1.64%	
Westbound	AM	Scenario 2	81.04	59.68	9.18	12.46	11.45%	12.32%	19.75%	1.43%	
Westbound	PM	Base	98.20	83.88	3.35	11.11					
Westbound	PM	Scenario 1	101.05	84.81	4.96	11.18	2.90%	1.11%	48.20%	0.62%	
Westbound	PM	Scenario 2	99.75	84.49	4.34	11.14	1.58%	0.73%	29.44%	0.28%	

Vissim Modelling Results Overview (Average)

			Average Delay [s]					Relative Growth Average Delay [%]			
			ALL VEH	CAR	HGV	LGV	ALL VEH	CAR	HGV	LGV	
Eastbound	AM	Base	5.73	5.70	6.12	5.75					
Eastbound	AM	Scenario 1	5.77	5.74	6.13	5.79	0.73%	0.65%	0.13%	0.78%	
Eastbound	AM	Scenario 2	5.76	5.73	6.12	5.79	0.58%	0.43%	0.05%	0.72%	
Eastbound	PM	Base	5.68	5.64	6.08	5.70					
Eastbound	PM	Scenario 1	5.81	5.77	6.16	5.86	2.38%	2.28%	1.34%	2.76%	
Eastbound	PM	Scenario 2	5.77	5.73	6.13	5.77	1.58%	1.64%	0.94%	1.17%	
Westbound	AM	Base	6.58	6.51	7.08	6.64					
Westbound	AM	Scenario 1	6.74	6.67	7.22	6.75	2.42%	2.55%	2.01%	1.64%	
Westbound	AM	Scenario 2	6.72	6.66	7.15	6.74	2.06%	2.30%	1.09%	1.43%	
Westbound	PM	Base	6.75	6.73	7.18	6.80					
Westbound	PM	Scenario 1	6.83	6.80	7.26	6.84	1.16%	1.11%	1.21%	0.62%	
Westbound	PM	Scenario 2	6.80	6.78	7.23	6.82	0.77%	0.73%	0.67%	0.28%	