

**Tillbridge Solar Project
EN010142**

Volume 7

**Joint Report on Interrelationships between Nationally
Significant Infrastructure Projects Part 3 of 3
Appendix E: Review of Cumulative Effects**

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1. Executive Summary

- 1.1.1 This Technical Note provides a summary of the review of information made available subsequent to submission of the applications for the Gate Burton Energy Park, West Burton Solar Project, Cottam Solar Project and Tillbridge Solar Project Development Consent Orders (DCOs). The information reviewed is relevant to the cumulative assessments undertaken for each of the projects.
- 1.1.2 The Joint Report on Interrelationships and this Appendix focus on the interrelationships between the Gate Burton, Cottam, West Burton and Tillbridge schemes, because these are the projects with the greatest potential for cumulative effects, as well as being those geographically closest to each other. These schemes also share common features, including a shared grid connection corridor.
- 1.1.3 At the point each application was submitted, cumulative assessments were undertaken based on the information available at the time. Subsequent to the applications being made, updated information was made available via the submission of applications for relevant adjacent projects.
- 1.1.4 For each technical discipline, the purpose of the cumulative review was to identify whether there are any changes to the conclusions of the submitted cumulative assessments in terms of likely significant effects.
- 1.1.5 A review of the now published ESs (with Tillbridge ES being the last ES to be published) confirms that the cumulative effects reported within the Gate Burton Energy Park, West Burton Solar Project and Cottam Solar Project Environmental Statements as submitted remain unchanged.

2. Cumulative Review

- 2.1.1 This Technical Note should be read in conjunction with Section 5 and Section 6 of the Interrelationships Report.
- 2.1.2 This Technical Note considers the four solar DCOs listed in **Table 2-1**. The Examination for the Gate Burton Energy Park commenced on 4 July 2023. Therefore, a review of other (non DCO) schemes either submitted, approved or under construction subsequent to January 2023 has been undertaken as part of the Examination process for the Gate Burton Energy Park and cumulative interactions considered. The conclusions of that review are provided within the Responses to Further Written Questions **[EN010131/REP4-046]** and the Technical Note: Additional Cumulative Schemes **[EN010131/REP4-049]** both submitted at Deadline 4. No changes to the conclusions of the Gate Burton Energy Park cumulative assessment were identified. A Technical Note on Cumulative Effects of Additional Schemes **[EN010133/EX4/C8.2.11]** was submitted to the Cottam Solar Project Examination at Deadline 4 and an equivalent document **[EN010132/EX4/C8.2.5]** was submitted to the West Burton Solar Project Examination at Deadline 4.

2.1.3 **Table 2-2** sets out the cumulative effects identified for each environmental discipline within the as submitted Environmental Statements. Following review of the subsequent information available (as defined in **Table 2-1**) a statement is provided as to whether there are any changes to the conclusions of the cumulative assessment.

Table 2-1 Cumulative Assessment Information Assessed

Project	Application Submitted	Information Assessed for the Application	Subsequent Information Reviewed (Cumulative Review September 2023)
Gate Burton Energy Park	27 January 2023	Cottam Solar Project PEIR (June 2022) West Burton Solar Project PEIR (June 2022) Tillbridge Scoping Report (October 2022)	Cottam Solar Project Environmental Statement (January 2023) West Burton Solar Project Environmental Statement (March 2023) Tillbridge PEIR (April 2023)
Cottam Solar Project	12 January 2023	Gate Burton Energy Park PEIR (June 2022) West Burton Project PEIR (June 2022) Tillbridge Scoping Report (October 2022)	Gate Burton Energy Park Environmental Statement (January 2023) West Burton Solar Project Environmental Statement (March 2023) Tillbridge PEIR (April 2023)
West Burton Solar Project	21 March 2023	Gate Burton Energy Park PEIR (June 2022) Cottam Solar Project PEIR (June 2022) Tillbridge Scoping Report (October 2022)	Cottam Solar Project Environmental Statement (January 2023) Gate Burton Solar Project Environmental Statement (January 2023) Tillbridge PEIR (April 2023)
Tillbridge Solar Project	10 April 2024	Gate Burton Solar Project Environmental Statement (January 2023) Cottam Solar Project Environmental Statement (January 2023)	

Project	Application Submitted	Information for the Application	Assessed	Subsequent Information (Cumulative September 2023)	Reviewed (Review September 2023)
				West Burton Solar Project Environmental Statement (March 2023)	

Table 2-2 Cumulative Assessment - Review Against Now Published Environmental Information

	Gate Environmental Statement	Burton Cottam ES	West Burton ES	Tillbridge ES
Climate Change	<p>Gate Burton Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 6: Climate Change, section 6.11 and Chapter 16: Cumulative Effects and Interactions, Table 16-4).</p> <p>Cumulative Review (September 2023) No changes identified.</p>	<p>Cottam Environmental Statement (January 2023) Major Beneficial cumulative effect in terms of Climate Change Resilience with West Burton, Gate Burton and Tillbridge during operation given that the combined effect of the renewable energy will serve to counter the effects of Climate Change (Chapter 7: Climate Change, section 7.11.8).</p> <p>Cumulative Review (September 2023) No changes identified.</p> <p>Statement Post Cottam Hearing (December 2023) Each scheme has concluded significant beneficial cumulative</p>	<p>West Burton Environmental Statement (March 2023) Major Beneficial cumulative effect in terms of Climate Change Resilience with Gate Burton, Cottam and Tillbridge during operation (Chapter 7: Climate Change, section 7.11.11).</p> <p>Cumulative Review (September 2023) No changes identified.</p> <p>Statement Post Cottam Hearing (December 2023) Each scheme has concluded significant beneficial cumulative impacts for the respective scheme in isolation. For Cottam/West Burton a cumulative beneficial cumulative effect has been</p>	<p>Tillbridge PEIR (April 2023) No significant cumulative effects identified within the PEIR (Chapter 17: Cumulative Effects, section 17.9)</p> <p>Tillbridge ES (April 2024) No significant cumulative effects identified within Section 18.8: Climate Change, Chapter 18: Cumulative Effects and Interactions of the ES.</p>

Gate Environmental Statement	Burton	Cottam ES	West Burton ES	Tillbridge ES
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impacts for the respective scheme in isolation. For Cottam/West Burton a cumulative beneficial cumulative effect has been identified as four solar projects being developed at the same time would result in a quicker reduction in CO₂e emissions from legacy sources than a single project alone. This approach takes into account professional judgment and interpretation of the IEMA Guidance. A more conservative approach has been taken by Gate Burton and Tillbridge and no additional cumulative beneficial effects have been identified as a result of their interpretation of the guidance. This interpretation takes 'cumulative effects' as not

identified as four solar projects being developed at the same time would result in a quicker reduction in CO₂e emissions from legacy sources than a single project alone. This approach takes into account professional judgment and interpretation of the IEMA Guidance. A more conservative approach has been taken by Gate Burton and Tillbridge and no additional cumulative beneficial effects have been identified as a result of their interpretation of the guidance. This interpretation takes 'cumulative effects' as not possible to assess for climate change given the national rather than local scale of the impact.

	Gate Environmental Statement	Burton Cottam ES	West Burton ES	Tillbridge ES
		<p>possible to assess for climate change given the national rather than local scale of the impact.</p> <p>In light of this difference in interpretation, the SoS may decide to place limited weight on the beneficial CEA identified (albeit that there are beneficial effects for each Scheme assessed as assessed individually). Discussion between the different authors of the Climate Change Assessments for the projects has taken place to align to the above approach.</p> <p>Cumulative Review (February 2024) No changes identified.</p>	<p>In light of this difference in interpretation, the SoS may decide to place limited weight on the beneficial CEA identified (albeit that there are beneficial effects for each Scheme assessed as assessed individually). Discussion between the different authors of the Climate Change Assessments for the projects has taken place to align to the above approach.</p> <p>Cumulative Review (February 2024) No changes identified.</p>	
Cultural Heritage	<p>Gate Burton Environmental Statement (January 2023)</p> <p>No significant cumulative effects identified (Chapter 7: Cultural Heritage, section</p>	<p>Cottam Environmental Statement (January 2023)</p> <p>Slight adverse affects with the potential for up to Moderate Adverse</p>	<p>West Burton Environmental Statement (March 2023)</p> <p>Potential for up to Moderate Adverse cumulative effects (with</p>	<p>Tillbridge PEIR (April 2023)</p> <p>At this stage, it was not possible to confirm whether cumulative effects would be</p>

Gate Environmental Statement	Burton	Cottam ES	West Burton ES	Tillbridge ES
<p>7.13.6 and Chapter 16: Cumulative Effects and Interactions, Table 16-4).</p> <p>Cumulative Review (September 2023)</p> <p>No changes identified. The cumulative assessment did not identify any individual buried archaeological assets that would be affected by both the Gate Burton Energy Park together with West Burton, Cottam and Tillbridge Solar Parks, and as such, no cumulative effects were identified to buried archaeological assets. On the setting of designated and non-designated heritage assets, the Cultural Heritage ES chapters for Cottam and West Burton have been reviewed and it is confirmed that there are no changes to the cumulative impact assessment.</p>	<p>cumulative effects depending on final design (with West Burton and Tillbridge) during operation where views from the Lincoln Cliff contribute to the significance of the following assets:</p> <p>Roman villa west of Scampton Cliff Farm (NHLE 1005041)</p> <p>Fillingham Castle (NHLE 1166045/NHLE 1000977)</p> <p>Glentworth Hall (NHLE 1063348)</p> <p>Former stables at Glentworth Hall (NHLE 1166094)”</p> <p>(Chapter 13: Cultural Heritage, section 13.10.8)</p> <p>Cumulative Review (September 2023)</p> <p>Potential for up to Moderate Adverse cumulative impacts with West Burton at Roman Villa west of Scampton</p>	<p>Cottam and Tillbridge) during operation where views from the Lincoln Cliff contribute to the setting of the asset on Roman villa west of Scampton Cliff Farm (NHLE 1005041) (Chapter 13: Cultural Heritage, section 13.10.8).</p> <p>Cumulative Review (September 2023)</p> <p>Potential for up to Moderate Adverse cumulative impacts with Cottam at Roman Villa west of Scampton (NHLE 1005041) depending upon the effectiveness of the landscape mitigation. Any additional cumulative impacts with the Gate Burton and Tillbridge Solar Schemes would be likely to be negligible. No significant cumulative impacts identified for other heritage assets.</p>	<p>significant or not during construction.</p> <p>Tillbridge ES (April 2024)</p> <p>No significant cumulative effects identified within Section 18.9: Cultural Heritage, Chapter 18: Cumulative Effects and Interactions of the ES.</p>	

**Gate
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Burton Cottam ES

West Burton ES

Tillbridge ES

(NHLE 1005041) depending upon the effectiveness of the landscape mitigation. Any additional cumulative impacts with the Gate Burton and Tillbridge Solar Schemes would be likely to be negligible. No significant cumulative impacts identified for other heritage assets.

**Cumulative Review
(December 2023)**

While ZTVs demonstrate that the Gate Burton, Tillbridge, West Burton and Cottam Schemes are theoretically visible from the location of the Scheduled Roman Villa west of Scampton (NHLE 1005041), direct visibility from the asset is filtered by existing hedgerow to the west and other features within the landscape, which also help provide

**Cumulative Review
(December 2023)**

While ZTVs demonstrate that the Gate Burton, Tillbridge, West Burton and Cottam Schemes are theoretically visible from the location of the Scheduled Roman Villa west of Scampton (NHLE 1005041), direct visibility from the asset is filtered by existing hedgerow to the west and other features within the landscape, which also help provide screening. As a consequence, cumulative impacts to the Roman Villa west of Scampton (NHLE 1005041) have only been identified between the Cottam and West Burton Schemes; any additional cumulative impacts with the Gate Burton and Tillbridge Solar Schemes

**Gate
Environmental Statement**

Burton Cottam ES

West Burton ES

Tillbridge ES

screening. As a consequence, cumulative impacts to the Roman Villa west of Scampton (NHLE 1005041) have only been identified between the Cottam and West Burton Schemes; any additional cumulative impacts with the Gate Burton and Tillbridge Solar Schemes would be likely to be negligible. Following a site visit, during the winter period, when foliage coverage is at its lowest, and with consideration to the design proposals of the Cottam and West Burton Schemes, including landscape mitigation, it is considered that there would be a Slight Adverse cumulative impact at the Roman Villa west of Scampton (NHLE 1005041).

would be likely to be negligible. Following a site visit, during the winter period, when foliage coverage is at its lowest, and with consideration to the design proposals of the Cottam and West Burton Schemes, including landscape mitigation, it is considered that there would be a Slight Adverse cumulative impact at the Roman Villa west of Scampton (NHLE 1005041).

No significant cumulative impacts identified for any heritage assets.

**Cumulative Review
(February 2024)**

No changes identified.

	Gate Environmental Statement	Burton Cottam ES	West Burton ES	Tillbridge ES
		<p>No significant cumulative impacts identified for any heritage assets.</p> <p>Cumulative Review (February 2024) No changes identified.</p>		
Ecology	<p>Gate Burton Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 8 Ecology and Nature Conservation. Section 8.13.5 and Chapter 16: Cumulative Effects and Interactions, Table 16-4).</p> <p>Cumulative Review September 2023 No changes identified. All four solar projects have been designed to avoid, mitigate and compensate for ecological effects, as well as deliver ecological enhancements across the sites. The four schemes</p>	<p>Cottam Environmental Statement (January 2023) Moderate Cumulative beneficial effect during operation on reptiles and amphibians at District Level (Chapter 9: Ecology and Biodiversity, section 9.9.10).</p> <p>Moderate cumulative adverse effect during construction and operation on skylark, yellow wagtail, grey partridge and quail at a local to District level (depending on what mitigation is adopted) (Chapter 9: Ecology and</p>	<p>West Burton Environmental Statement (March 2023) Moderate Cumulative beneficial effect during operation on reptiles and amphibians at District Level (Chapter 9: Ecology and Biodiversity, section 9.9.10).</p> <p>Moderate cumulative adverse effect during operation on skylark, yellow wagtail, grey partridge and quail at a Local to District level (depending on what mitigation is adopted) (Chapter 9: Ecology and</p>	<p>Tillbridge PEIR (April 2023) At this stage it was not possible to confirm the significance of cumulative impacts.</p> <p>Tillbridge ES (April 2024) No significant cumulative effects identified within Section 18.10: Ecology and Nature Conservation, Chapter 18: Cumulative Effects and Interactions of the ES. The difference in conclusions to Cottam and West Burton ESs is due to the different assessment methodologies and significance criteria applied.</p>

Gate Environmental Statement	Burton	Cottam ES	West Burton ES	Tillbridge ES
<p>are all predicted to deliver a large biodiversity net gain as individual projects, which will be combined to deliver even greater biodiversity net gain across the area. Measures have been included in the scheme design to reduce the significance of adverse effects so that they are not significant. This includes effects on ground nesting birds, particularly Skylark, and sensitive receptors along the Grid Connection Corridor such that for the zone of influence of these receptors, there are no significant cumulative effects.</p>	<p>Biodiversity, section 9.9.11).</p> <p>Cumulative adverse effect during construction is possible for hedgerows, trees, ditches and watercourses within the shared cable route (depending on final designs, methods, routing and duration/sequence) (Chapter 9: Ecology and Biodiversity, section 9.9).</p>	<p>Cumulative Review September 2023</p> <p>Moderate cumulative adverse effect during construction and operation on skylark, yellow wagtail, grey partridge and quail at a District (rather than to Local to District) level with West Burton, Gate Burton and Tillbridge (Chapter 9: Ecology and Biodiversity, section 9.9).</p>	<p>Biodiversity, section 9.9.11).</p> <p>Cumulative adverse effect during operation at Local scale is possible for overwintering birds with Gate Burton, Cottam and Tillbridge (Chapter 9: Ecology and Biodiversity, section 9.9.12).</p>	<p>Cumulative adverse effect during construction is possible for hedgerows, trees, ditches and watercourses within the shared cable route (depending on final designs, methods, routing and duration/sequence) (Chapter 9: Ecology and Biodiversity, section 9.9).</p>
			<p>Cumulative Review September 2023</p> <p>Moderate cumulative adverse effect during</p>	

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Environmental Statement**

Burton Cottam ES

West Burton ES

Tillbridge ES

No other significant cumulative effects beyond those provided in the Cottam ES have been identified since the publication of the latest environmental information for the other three schemes.

**Cumulative Review
December 2023**

No changes identified.

**Cumulative Review
(February 2024)**

No changes identified.

construction and operation on skylark, yellow wagtail, grey partridge and quail at a District level with Gate Burton, Cottam and Tillbridge (Chapter 9: Ecology and Biodiversity, section 9.9).

No other significant cumulative effects beyond those provided in the Cottam ES have been identified since the publication of the latest environmental information for the other three schemes.

**Cumulative Review
December 2023**

No changes identified.

**Cumulative Review
(February 2024)**

No changes identified.

	Gate Environmental Statement	Burton Cottam ES	West Burton ES	Tillbridge ES
Water Environment	<p>Gate Burton Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 9 Water Environment, section 9.13. and Chapter 16: Cumulative Effects and Interactions, Table 16-4)</p> <p>Cumulative Review (September 2023) No changes identified. No significant cumulative effects are identified for the water environment in the Gate Burton Energy Park, Cottam Solar Project and West Burton Solar Project Environmental Statements.</p>	<p>Cottam Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 10: Hydrology, Flood Risk and Drainage, section 10.10)</p> <p>Cumulative Review September 2023 No changes identified.</p> <p>Cumulative Review December 2023 No changes identified.</p> <p>Cumulative Review (February 2024) No changes identified.</p>	<p>Based on review of emerging Gate Burton, Cottam and Tillbridge information: No significant cumulative effects identified (Chapter 10: Hydrology, Flood Risk and Drainage, section 10.10)</p> <p>Cumulative Review September 2023 No changes identified.</p> <p>Cumulative Review December 2023 No changes identified.</p> <p>Cumulative Review (February 2024) No changes identified.</p>	<p>Tillbridge PEIR (April 2023) No significant cumulative effects identified within the PEIR (Chapter 17: Cumulative Effects, section 17.12).</p> <p>Tillbridge ES (April 2024) No significant cumulative effects identified within Section 18.11: Water Environment, Chapter 18: Cumulative Effects and Interactions of the ES.</p>
LVIA	<p>Gate Burton Environmental Statement (January 2023) Cumulative moderate adverse effect with West</p>	<p>Cottam Environmental Statement (January 2023) In light of the correction of errors to make this section consistent with other</p>	<p>West Burton Environmental Statement (March 2023) No significant cumulative effects identified (Chapter 8: Landscape and Visual</p>	<p>Tillbridge PEIR (April 2023) At this stage, and based on information at the time: Significant cumulative effects on landscape character at a</p>

Gate Environmental Statement	Burton	Cottam ES	West Burton ES	Tillbridge ES
<p>Burton Solar Project during operation.</p> <p>Moderate adverse effect with West Burton, Cottam and Tillbridge during operation. (Chapter 10: Landscape Visual Impact Assessment section 10.12.6 and 10.12.7, Chapter 16: Cumulative Effects and Interactions, Table 16-4).</p> <p>Cumulative Review (September 2023)</p> <p>No changes identified. The latest information (West Burton and Cottam ES and Tillbridge PEIR) has been reviewed and does not change the ES conclusions in relation to cumulative effects in relation to the main Solar and Energy Storage Park site nor the grid connection corridor as the nearest elements to the Gate Burton scheme remain</p>	<p>Chapter 8 LVIA documents. there are cumulative significant effects identified in Chapter 8: Landscape and Visual Impact Assessment Revision A [REP2-008].</p> <p>Moderate adverse effects at construction and operation (Year 1) on Land Use, Topography and Watercourses and Communications and Infrastructure for the Cottam Sites 1, 2, 3a and 3b.</p> <p>Moderate adverse effects at construction and operation (Year 1) on Regional Scale LCT 4a Unwooded Vales for the Cottam Substation Sites 1 West A, 1 West B, 2, 3a and 3b.</p> <p>Moderate adverse effects at construction and operation (Year 1) for Viewpoint Receptor LCC-C-D: Blackthorn Lane.</p>	<p>Impact Assessment, section 8.10).</p> <p>Cumulative Review September 2023</p> <p>No significant cumulative effects identified (Chapter 8: Landscape and Visual Impact Assessment, section 8.10) [APP-046].</p> <p>Cumulative Review December 2023</p> <p>No changes identified.</p> <p>Cumulative Review (February 2024)</p> <p>No changes identified.</p>	<p>local level or potentially at a wider (National Character Area) level during construction and operation.</p> <p>Tillbridge ES (April 2024)</p> <p>Section 18.13: Landscape and Visual Amenity, Chapter 18: Cumulative Effects and Interactions of the ES identifies the following likely significant cumulative effects during construction:</p> <ul style="list-style-type: none"> • Temporary moderate adverse (significant) effect on the following local landscape character areas (LLCAs): <ul style="list-style-type: none"> ○ LLCA2c Lincoln Cliff – Open Farmland ○ LLCA5a Trent Valley Meadowlands • Temporary large adverse (significant) effect on 	

Gate Environmental Statement	Burton	Cottam ES	West Burton ES	Tillbridge ES
<p>very similar as those considered at the point of application. Sufficient information was provided for West Burton and Cottam at PEIR and Tillbridge at Scoping to make a qualified cumulative assessment at that time.</p>	<p>Cumulative Review September 2023 No changes identified.</p>	<p>Cumulative Review December 2023 No changes identified.</p>		<p>LLCA3a Till Vale Open Farmland.</p> <ul style="list-style-type: none"> • Temporary moderate adverse (significant) effect on six representative viewpoints and large adverse (significant) effect on two representative viewpoints. <p>Section 18.13: Landscape and Visual Amenity, Chapter 18: Cumulative Effects and Interactions of the ES identifies the following likely significant cumulative effects during operation:</p> <ul style="list-style-type: none"> • Long term large adverse (significant) effect on LLCA3a Till Vale Open Farmland (in Year 1 and Year 15). • Short term moderate adverse (significant) effect on two representative viewpoints and large adverse (significant) effect

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Burton Cottam ES

West Burton ES

Tillbridge ES

on two representative viewpoints in Year 1 during winter before planting has been established. Of these, one long term moderate adverse (significant) effect and one large adverse (significant) would remain, following the maturing of planting (Year 15).

Section 18.13: Landscape and Visual Amenity, Chapter 18: Cumulative Effects and Interactions of the ES identifies the following likely significant cumulative effects during decommissioning:

- Temporary moderate adverse (significant) effect on the following LLCA3a Till Vale Open Farmland.

The difference in conclusions to Cottam ES is due to the different assessment

	Gate Environmental Statement	Burton Cottam ES	West Burton ES	Tillbridge ES
				methodologies and significance criteria applied.
Noise and Vibration	<p>Gate Burton Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 11: Noise and Vibration, section 11.13 and Chapter 16: Cumulative Effects and Interactions, Table 16-4).</p> <p>Cumulative Review (September 2023) No changes identified. Tillbridge Solar Project PEIR states that mitigation will be implemented such that the cumulative effects will not be significant. Therefore, assuming this mitigation is identified and secured, the Gate Burton ES conclusions in relation to cumulative noise and vibration effects remain unchanged.</p>	<p>Cottam Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 15: Noise and Vibration, section 15.9)</p> <p>Cumulative Review (September 2023) No changes identified.</p> <p>Cumulative Review (December 2023) No changes identified</p> <p>Cumulative Review (February 2024) No changes identified.</p>	<p>West Burton Environmental Statement (March 2023) No significant cumulative effects identified (Chapter 15: Noise and Vibration, section 15.9)</p> <p>Cumulative Review (September 2023) No changes identified.</p> <p>Cumulative Review (December 2023) No changes identified</p> <p>Cumulative Review (February 2024) No changes identified.</p>	<p>Tillbridge PEIR (April 2023) No significant cumulative effects identified within the PEIR (Chapter 17: Cumulative Effects, section 17.15).</p> <p>Tillbridge ES (April 2024) No significant cumulative effects identified within Section 18.14: Noise and Vibration, Chapter 18: Cumulative Effects and Interactions of the ES.</p>

	Gate Environmental Statement	Burton Cottam ES	West Burton ES	Tillbridge ES
Socio-Economics	<p>Gate Burton Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 12: Socio-Economics, section 12.3 and Chapter 16: Cumulative Effects and Interactions, Table 16-4).</p> <p>Cumulative Review (September 2023) No changes identified. During Examination, further assessment and a Technical Note has been submitted in relation to the cumulative impact on Best and Most Versatile (BMV) Agricultural Land. The Technical Note concluded no significant cumulative effects.</p>	<p>Cottam Environmental Statement (January 2023) Peak cumulative medium-term temporary moderate beneficial effect, significant at Local level on construction sector employment construction and decommissioning with West Burton, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.9 and 18.10.59)</p> <p>Peak cumulative medium term temporary major-moderate beneficial effect, significant at Local level on accommodation sector employment during construction and decommissioning with West Burton, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and</p>	<p>West Burton Environmental Statement (March 2023) Peak cumulative medium-term temporary moderate beneficial effect, significant at Local level on construction sector employment construction and decommissioning with Cottam, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.9 and 18.10.59)</p> <p>Peak cumulative medium term temporary major-moderate beneficial effect, significant at Local level on accommodation sector employment during construction and decommissioning with Cottam, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and</p>	<p>Tillbridge PEIR (April 2023) There is potential for cumulative adverse effects on community severance, should scheme impacts occur at the same time during construction. This will be considered further in the ES (Chapter 18: Cumulative Effects)</p> <p>Potential cumulative adverse impact on users of PRow in the local area, should impacts occur at the same time.</p> <p>Tillbridge ES (April 2024) Section 18.15: Socio-economics and Land Use, Chapter 18: Cumulative Effects and Interactions of the ES identifies the following likely significant cumulative effects during construction:</p> <ul style="list-style-type: none"> Moderate beneficial (significant) cumulative effect at local scale due to construction employment.

Gate Environmental Statement	Burton	Cottam ES	West Burton ES	Tillbridge ES
		Tourism and Recreation, section 18.10.11 and 18.10.62).	Tourism and Recreation, section 18.10.11 and 18.10.62).	No other significant cumulative effects are identified. The difference in conclusions to Cottam and West Burton ESs is due to the different assessment methodologies and significance criteria applied.
		Peak cumulative medium-term temporary moderate beneficial effect, significant at Local level on Economic activity and Employment during construction and decommissioning with West Burton, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.14 and 18.10.65).	Peak cumulative medium-term temporary moderate beneficial effect, significant at Local level on Economic activity and Employment during construction and decommissioning with Cottam, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.14 and 18.10.65).	
		Peak cumulative medium-term moderate beneficial effect, significant at Local level on accommodation stock (housing) during construction with West Burton, Gate Burton and Tillbridge. (Chapter 18: Socio-Economics and	Peak cumulative medium-term moderate beneficial effect, significant at Local level on accommodation stock (housing) during construction with Cottam, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism	

Gate Environmental Statement	Burton Cottam ES	West Burton ES	Tillbridge ES
	Tourism and Recreation, section 18.10.17)	and Recreation, section 18.10.17).	
	<p>Peak cumulative medium-term temporary major-moderate beneficial effect, significant at Local level on Access to employment (IMD) during construction with West Burton, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.18)</p>	<p>Peak cumulative medium-term temporary major-moderate beneficial effect, significant at Local level on Access to employment (IMD) during construction with Cottam, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.18)</p>	
	<p>Peak cumulative medium-term temporary moderate beneficial effect, significant at Local level on Access to education (IMD) during construction with West Burton, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and</p>	<p>Peak cumulative medium-term temporary moderate beneficial effect, significant at Local level on Access to education (IMD) during construction with Cottam, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.19)</p>	

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Burton Cottam ES

West Burton ES

Tillbridge ES

Tourism and Recreation,
section 18.10.18)

Peak cumulative medium-term moderate beneficial effect, significant at Local level on construction economy during construction and decommissioning with West Burton, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.21 and 18.10.68)

Peak cumulative medium-term temporary moderate beneficial effect, significant at Local level on accommodation economy during construction with West Burton, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and

Peak cumulative medium-term moderate beneficial effect, significant at Local level on construction economy during construction and decommissioning with Cottam, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.22 and 18.10.68).

Peak cumulative medium-term temporary moderate beneficial effect, significant at Local level on accommodation economy during construction with Cottam, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.24)

Gate Environmental Statement	Burton Cottam ES	West Burton ES	Tillbridge ES
	<p>Tourism and Recreation, section 18.10.23).</p> <p>Peak cumulative medium-term temporary moderate beneficial effect, significant at Local level on economic prosperity, and resident and working population income during construction and decommissioning with West Burton, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.26 and 18.10.77).</p> <p>Peak cumulative short to medium-term temporary moderate adverse, significant at Local level on local landscape attractions during construction with West Burton, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and</p>	<p>Peak cumulative medium-term temporary moderate adverse, significant at Local level on the tourism and visitor economy during construction with Cottam, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.25)</p> <p>Peak cumulative medium-term temporary moderate beneficial effect, significant at Local level on economic prosperity, and resident and working population income during construction and decommissioning with Cottam, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.27 and 18.10.76).</p>	

Gate Environmental Statement	Burton Cottam ES	West Burton ES	Tillbridge ES
	<p>Tourism and Recreation, section 18.10.28).</p> <p>Peak cumulative short to medium-term temporary moderate adverse, significant at Local level on long distance recreation routes during construction with West Burton, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.31).</p> <p>Long-term cumulative moderate adverse, significant at Local level on energy sector employment during operation and decommissioning with West Burton, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation,</p>	<p>Peak cumulative short to medium-term temporary moderate adverse, significant at Local level on local landscape attractions during construction with Cottam, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.29).</p> <p>Peak cumulative short to medium-term temporary moderate adverse, significant at Local level on long distance recreation routes during construction with Cottam, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.32).</p> <p>Long-term cumulative moderate adverse, significant at Local level on energy sector</p>	

Gate Environmental Statement	Burton	Cottam ES	West Burton ES	Tillbridge ES
		section 18.10.34 and 18.10.60)	employment during operation and decommissioning with Cottam, Gate Burton and Tillbridge (Chapter 18: Socio-Economics and Tourism and Recreation, section 18.10.35 and 18.10.60).	
		Cumulative Review (September 2023) No changes identified.		
		Cumulative Review December 2023 No changes identified.	Cumulative Review (September 2023) No changes identified.	
		Cumulative Review (February 2024) No changes identified.	Cumulative Review December 2023 No changes identified.	
			Cumulative Review (February 2024) No changes identified.	
Transport and Access	Gate Burton Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 13: Transport and Access,	Cottam Environmental Statement (January 2023) No significant cumulative effects identified (Chapter	West Burton Environmental Statement (March 2023) No significant cumulative effects identified (Chapter	Tillbridge PEIR (April 2023) No significant cumulative effects identified within the PEIR (Chapter 17:

Gate Environmental Statement	Burton Cottam ES	West Burton ES	Tillbridge ES
section 13.13 and Chapter 16: Cumulative Effects and Interactions, Table 16-4).	14: Transport and Access, section 14.9).	14: Transport and Access, section 14.9).	Cumulative Effects, section 17.17).
<p>Cumulative Review (September 2023)</p> <p>No changes identified. A technical note has been prepared to review the potential cumulative effects on Transport and Access. The maximum worst-case two flow flows from each the projects' recently published ES's/PEIRS are considered. The results show that the total worst-case cumulative traffic flows fall well below the 30% impact threshold defined by Rule 1 of the IEMA Guidelines. Therefore, the cumulative effects are considered to be not significant and the findings of the Gate Burton Energy Park ES remain unchanged.</p>	<p>Cumulative Review (September 2023) No changes identified.</p> <p>Cumulative Review (December 2023) No changes to ES conclusions.</p> <p>Cumulative Review (February 2024) No changes identified.</p>	<p>Cumulative Review (September 2023) No changes identified.</p> <p>Cumulative Review (December 2023) No changes to ES conclusions.</p> <p>Cumulative Review (February 2024) No changes identified.</p>	<p>Tillbridge ES (April 2024)</p> <p>No significant cumulative effects identified within Section 18.17: Transport and Access, Chapter 18: Cumulative Effects and Interactions of the ES.</p>

	Gate Environmental Statement	Burton Cottam ES	West Burton ES	Tillbridge ES
Human Health	<p>Gate Burton Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 14: Human Health, section 14.12 and Chapter 16: Cumulative Effects and Interactions, Table 16-4)</p> <p>Cumulative Review (September 2023) No changes identified.</p>	<p>Cottam Environmental Statement (January 2023) Peak cumulative moderate adverse effect on long distance recreation routes during construction with West Burton, Gate Burton and Tillbridge (Chapter 21: Other Environmental Matters, section 21.5.41)</p> <p>Significant beneficial effects during construction as a result of uplifts in employment in skills training and education opportunities with West Burton, Gate Burton and Tillbridge. (Chapter 21: Other Environmental Matters, section 21.5.43)</p> <p>Cumulative Review (September 2023) No changes identified.</p>	<p>West Burton Environmental Statement (March 2023) Cumulative major-moderate beneficial effect on access to employment and education during construction phase with Gate Burton, Cottam and Tillbridge (Chapter 21: Other Environmental Matters, section 21.5.41).</p> <p>Peak cumulative moderate adverse effect on long distance recreation routes during construction with Gate Burton, Cottam and Tillbridge. (Chapter 21: Other Environmental Matters, section 21.5.42)</p> <p>Cumulative Review (September 2023) No changes identified.</p> <p>Cumulative Review (December 2023) No changes identified.</p>	<p>Tillbridge PEIR (April 2023) No significant cumulative effects identified within the PEIR (Chapter 17: Cumulative Effects, section 17.13).</p> <p>Tillbridge ES (April 2024) No significant cumulative effects identified within Section 18.12: Human Health, Chapter 18: Cumulative Effects and Interactions of the ES.</p> <p>The difference in conclusions to Cottam and West Burton ESs is due to the different assessment methodologies and significance criteria applied.</p>

	Gate Environmental Statement	Burton Cottam ES	West Burton ES	Tillbridge ES
		<p>Cumulative Review (December 2023) No changes identified.</p> <p>Cumulative Review (February 2024) No changes identified.</p>	<p>Cumulative Review (February 2024) No changes identified.</p>	
Air Quality	<p>Gate Burton Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 15: Other Environmental Topics, section 15.3.98 and Chapter 16: Cumulative Effects and Interactions, Table 16-4)</p> <p>Cumulative Review (September 2023) No changes identified.</p>	<p>Cottam Environmental Statement (March 2023) No significant cumulative effects identified (Chapter 17: Air Quality, section 17.9)</p> <p>Cumulative Review (September 2023) No changes identified.</p> <p>Cumulative Review (December 2023) No changes identified.</p> <p>Cumulative Review (February 2024) No changes identified.</p>	<p>West Burton Environmental Statement (March 2023) No significant cumulative effects identified (Chapter 17: Air Quality, section 17.9)</p> <p>Cumulative Review (September 2023) No changes identified.</p> <p>Cumulative Review (December 2023) No changes identified.</p> <p>Cumulative Review (February 2024) No changes identified.</p>	<p>Tillbridge PEIR (April 2023) No significant cumulative effects identified within the PEIR (Chapter 17: Cumulative Effects, section 17.8).</p> <p>Tillbridge ES (April 2024) No significant cumulative effects identified within Section 18.7: Air Quality, Chapter 18: Cumulative Effects and Interactions of the ES.</p>

	Gate Environmental Statement	Burton Cottam ES	West Burton ES	Tillbridge ES
Glint and Glare	<p data-bbox="443 336 846 416">Gate Burton Environmental Statement (January 2023)</p> <p data-bbox="443 416 846 687">No significant cumulative effects identified (Chapter 15: Other Environmental Topics, section 15.4.30 and Chapter 16: Cumulative Effects and Interactions, Table 16-4)</p> <p data-bbox="443 735 846 847">Cumulative Review (September 2023)</p> <p data-bbox="443 847 846 895">No changes identified.</p>	<p data-bbox="846 336 1249 416">Cottam Environmental Statement (January 2023)</p> <p data-bbox="846 416 1249 576">No significant cumulative effects identified (Chapter 16: Glint and Glare, section 16.10)</p> <p data-bbox="846 624 1249 735">Cumulative Review (September 2023)</p> <p data-bbox="846 735 1249 783">No changes identified.</p> <p data-bbox="846 783 1249 895">Cumulative Review December 2023</p> <p data-bbox="846 895 1249 943">No changes identified.</p> <p data-bbox="846 943 1249 1054">Cumulative Review (February 2024)</p> <p data-bbox="846 1054 1249 1102">No changes identified.</p>	<p data-bbox="1249 336 1664 416">West Burton Environmental Statement (March 2023)</p> <p data-bbox="1249 416 1664 576">No significant cumulative effects identified (Chapter 16: Glint and Glare, section 16.10)</p> <p data-bbox="1249 624 1664 735">Cumulative Review (September 2023)</p> <p data-bbox="1249 735 1664 783">No changes identified.</p> <p data-bbox="1249 783 1664 895">Cumulative Review December 2023</p> <p data-bbox="1249 895 1664 943">No changes identified.</p> <p data-bbox="1249 943 1664 1054">Cumulative Review (February 2024)</p> <p data-bbox="1249 1054 1664 1102">No changes identified.</p>	<p data-bbox="1664 336 2110 384">Tillbridge PEIR (April 2023)</p> <p data-bbox="1664 384 2110 576">No significant cumulative effects identified within the PEIR (Chapter 17: Cumulative Effects, section 17.18.2).</p> <p data-bbox="1664 624 2110 671">Tillbridge ES (April 2024)</p> <p data-bbox="1664 671 2110 911">No significant cumulative effects identified within Section 18.18: Other Environmental Topics, Chapter 18: Cumulative Effects and Interactions of the ES.</p>
Ground Conditions	<p data-bbox="443 1118 846 1198">Gate Burton Environmental Statement (January 2023)</p> <p data-bbox="443 1198 846 1351">No significant cumulative effects identified (Chapter 15: Other Environmental Topics, section 15.5.25)</p>	<p data-bbox="846 1118 1249 1198">Cottam Environmental Statement (January 2023)</p> <p data-bbox="846 1198 1249 1351">No significant cumulative effects identified (Chapter 11: Ground Conditions and</p>	<p data-bbox="1249 1118 1664 1198">West Burton Environmental Statement (March 2023)</p> <p data-bbox="1249 1198 1664 1351">No significant cumulative effects identified (Chapter 11: Ground Conditions and</p>	<p data-bbox="1664 1118 2110 1166">Tillbridge PEIR (April 2023)</p> <p data-bbox="1664 1166 2110 1351">No significant cumulative effects identified within the PEIR (Chapter 17: Cumulative Effects, section 17.18.3).</p>

Gate Environmental Statement	Burton	Cottam ES	West Burton ES	Tillbridge ES
and Chapter 16: Cumulative Effects and Interactions, Table 16-4)	Contamination, section 11.11)	Contamination, section 11.11)	Tillbridge ES (April 2024)	No significant cumulative effects identified within Section 18.18: Other Environmental Topics, Chapter 18: Cumulative Effects and Interactions of the ES.
Cumulative Review (September 2023) No changes identified.	Cumulative Review (September 2023) No changes identified.	Cumulative Review (September 2023) No changes identified.		
	Cumulative Review December 2023 No changes identified.	Cumulative Review December 2023 No changes identified.		
	Cumulative Review (February 2024) No changes identified.	Cumulative Review (February 2024) No changes identified.		
Major Accidents and Disasters	Gate Burton Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 15: Other Environmental Topics, section 15.6.32 and Chapter 16: Cumulative Effects and Interactions, Table 16-4)	Cottam Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 21: Other Environmental Matters, section 21.6.59)	West Burton Environmental Statement (March 2023) No significant cumulative effects identified (Chapter 21: Other Environmental Matters, section 21.6.61)	Tillbridge PEIR (April 2023)
Cumulative Review (September 2023)	Cumulative Review (September 2023) No changes identified.	Cumulative Review (September 2023) No changes identified.	Tillbridge ES (April 2024)	No significant cumulative effects identified within Section 18.18: Other Environmental Topics,

Gate	Burton	Cottam ES	West Burton ES	Tillbridge ES
Environmental Statement				
No changes identified.		Cumulative Review (December 2023) No changes identified.	Cumulative Review (December 2023) No changes identified.	Chapter 18: Cumulative Effects and Interactions of the ES.
		Cumulative Review (February 2024) No changes identified.	Cumulative Review (February 2024) No changes identified.	
Telecommunications	Gate Burton Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 15: Other Environmental Topics, section 15.7.14 and Chapter 16: Cumulative Effects and Interactions, Table 16-4) Cumulative Review (September 2023) No changes identified.	Cottam Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 21: Other Environmental Matters, section 21.3) Cumulative Review (September 2023) No changes identified. Cumulative Review (December 2023) No changes identified. Cumulative Review (February 2024) No changes identified.	West Burton Environmental Statement (March 2023) No significant cumulative effects identified (Chapter 21: Other Environmental Matters, section 21.3) Cumulative Review (September 2023) No changes identified. Cumulative Review (December 2023) No changes identified. Cumulative Review (February 2024) No changes identified.	Tillbridge PEIR (April 2023) No significant cumulative effects identified within the PEIR (Chapter 17: Cumulative Effects, section 17.18.8). Tillbridge ES (April 2024) No significant cumulative effects identified within Section 18.18: Other Environmental Topics, Chapter 18: Cumulative Effects and Interactions of the ES.

	Gate Environmental Statement	Burton Cottam ES	West Burton ES	Tillbridge ES
Waste	<p data-bbox="443 347 846 419">Gate Burton Environmental Statement (January 2023)</p> <p data-bbox="443 419 846 762">No significant cumulative effects identified with West Burton, Cottam and Tillbridge (Chapter 15: Other Environmental Topics, section 15.8.31 and Chapter 16: Cumulative Effects and Interactions, Table 16-4)</p> <p data-bbox="443 810 846 927">Cumulative Review (September 2023) No changes identified.</p> <p data-bbox="443 975 846 1378">Rule 17 December 2023: the Gate Burton materials and waste assessment was undertaken using the same methodology (the W1 methodology from the Institute of Environmental Management & Assessment (2020) Guide to Materials and Waste in Environmental Impact</p>	<p data-bbox="846 347 1249 419">Cottam Environmental Statement (January 2023)</p> <p data-bbox="846 419 1249 762">Moderate or large adverse effect on landfill waste handling in Nottinghamshire during the decommissioning phase with West Burton, Gate Burton and Tillbridge. (Chapter 20: Waste, section 20.10.16)</p> <p data-bbox="846 810 1249 927">Cumulative Review (September 2023) No changes identified.</p> <p data-bbox="846 975 1249 1091">Cumulative Review (December 2023) No changes identified.</p> <p data-bbox="846 1171 1249 1287">Cumulative Review (February 2024) No changes identified.</p>	<p data-bbox="1249 347 1664 419">West Burton Environmental Statement (March 2023)</p> <p data-bbox="1249 419 1664 722">Moderate or large adverse effect on landfill waste handling in Nottinghamshire during the decommissioning phase with Gate Burton, Cottam and Tillbridge. (Chapter 20: Waste, section 20.10.16)</p> <p data-bbox="1249 770 1664 887">Cumulative Review (September 2023) No changes identified.</p> <p data-bbox="1249 935 1664 1051">Cumulative Review (December 2023) No changes identified.</p> <p data-bbox="1249 1139 1664 1256">Cumulative Review (February 2024) No changes identified.</p>	<p data-bbox="1664 347 2132 387">Tillbridge PEIR (April 2023)</p> <p data-bbox="1664 387 2132 579">No significant cumulative effects identified within the PEIR (Chapter 17: Cumulative Effects, section 17.18.14).</p> <p data-bbox="1664 627 2132 922">Tillbridge ES (April 2024) No significant cumulative effects identified within Section 18.18: Other Environmental Topics, Chapter 18: Cumulative Effects and Interactions of the ES.</p>

**Gate
Environmental Statement**

Burton

Cottam ES

West Burton ES

Tillbridge ES

Assessment) as the Cottam and West Burton ES. The assessment is provided within a Technical Note submitted at Gate Burton Deadline 6 (21st December 2023). The Technical Note concludes that the Gate Burton assessment is in agreement with the assessments for Cottam and West Burton solar projects at the regional level (i.e. the East Midlands). However, the Cottam and West Burton projects also report impacts at the sub-regional level (Nottinghamshire) and identify a moderate or large (and therefore significant) effect on “landfill waste handling” in Nottinghamshire (but not Lincolnshire) during the decommissioning stage. Given the location of the Gate Burton main solar PV

	Gate Environmental Statement	Burton Cottam ES	West Burton ES	Tillbridge ES
	<p>site on the boundary of Nottinghamshire and Lincolnshire, the regional scale is considered appropriate. Therefore, the conclusions of the Environmental Statement as submitted remain unchanged.</p>			
Soils and Agriculture	<p>Gate Burton Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 12: Socio-Economics and Land Use, section 12.13.10 to 12.13.12)</p>	<p>Cottam Environmental Statement (January 2023) No significant cumulative effects identified (Chapter 19: Soils and Agriculture, section 19.11)</p>	<p>West Burton Environmental Statement (March 2023) No significant cumulative effects identified (Chapter 19: Soils and Agriculture, section 19.11)</p>	<p>Tillbridge PEIR (April 2023) No significant cumulative effects identified within the PEIR (Chapter 17: Cumulative Effects, section 17.16.16).</p> <p>Tillbridge ES (April 2024) No significant cumulative effects identified within Section 18.16: Soils and Agriculture, Chapter 18: Cumulative Effects and Interactions of the ES.</p>

3. Conclusion

- 3.1.1 This Technical Note provides a summary of the review of information made available subsequent to submission of the DCO applications for the Gate Burton Energy Park, West Burton Solar Project, Cottam Solar Project and Tillbridge Solar Project. Review of the now published ESs (with Tillbridge ES being the last one of the ESs to be published) confirm that the cumulative effects reported within the Gate Burton Energy Park, West Burton Solar Project and Cottam Solar Project Environmental Statements as submitted remain unchanged.
- 3.1.2 It is noted that for a number of disciplines there are differences in the cumulative effects reported between projects. For example, the assessment of socio-economic effects for Gate Burton and Tillbridge versus Cottam and West Burton feature differences in their conclusions on significant effects. This is due to the difference in assessed impact area, with Gate Burton and Tillbridge defining a 60 minute travel area, whereas Cottam and West Burton have assessed the combined West Lindsey and Bassetlaw district areas. This has resulted in the magnitude of impact being of a much greater comparative scale. While the differences in the conclusions between the ESs are apparent, it is not deemed that these assessment outcomes are in conflict with one another due to the variance in their methodologies.