

**Appendix 3.1 – Summary of Individual Land Parcel Impacts.**

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
LCT-001 Figure 3.2 near tower 103	This 13 hectare land parcel with a beef enterprise is located in Lemgare Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 100m South West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 103 and associated works including clearing the site and provision of access (approx 200m of temporary and 430m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside the farm yard. The temporary area reduction due to construction site and along the new temporary access route is 1.4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 103 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 250m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.15 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.18ha of soil damage = 1.4% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 100m from yard.  The proposed OHL in Northern Ireland will have an imperceptible impact on this land parcel.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-002 Figure 3.2 between towers 103 & 104	This 6.1 hectare land parcel with a beef enterprise is located in Lemgare Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 220m South West of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 50 m of existing shared access track (passing by a farm yard) being used by construction traffic to tower 104 for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. The potential construction impact is low. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 190m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 220m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-003 Figure 3.2 near tower 104	This 6.8 hectare land parcel with a beef enterprise is located in Lemgare Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 140m South West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 104 and associated works including clearing the site and provision of access (approx 270m of temporary and 200m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside the farm yard. The temporary area reduction due to construction site and along the new temporary access route is 3.1% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 104 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 330m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.29 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.208ha of soil damage = 3.1% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 140m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-004 Figure 3.2 between towers 104 & 105	This 5.4 hectare land parcel with a beef enterprise is located in Lemgare Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 390m South West of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 70m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 390m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-005	This 11 hectare land parcel with a beef enterprise is located in	Disturbance will result from the construction and stringing of tower ref 105 and associated works including clearing the site, provision of access (approx 150m of	The construction disturbance impact is short term (generally	Tower 105 will be an obstacle to farm machinery and OHL will be an additional safety	The impact magnitude is

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Figure 3.2 near tower 105	Lemgare Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 380m South West of the proposed OHL.	temporary and 380m of existing track will be used) and construction of two guarding locations (0.08ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 160m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.023ha at base of tower = 0.21 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.216ha of soil damage = 2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 380m from yard.	very low and the significance of the residual impact is Imperceptible.
LCT-006 & LCT-007 Figure 3.2 near tower 106	This 12 hectare land parcel with a beef enterprise is located in Lemgare Co Monaghan. The sensitivity is medium. There is an old yard / farm buildings (and area for storing round bales) located a few meters South West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 106 and associated works including clearing the site, provision of access (approx 20m of temporary and 210m of existing track will be used) and construction of two guarding locations (0.04ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 1% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 106 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 390m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.17 % of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at tower construction site; [0.147ha of soil damage = 1.2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on old farm building and their potential expansion due to location of power line over yard.  The proposed OHL in Northern Ireland will have an imperceptible impact on this land parcel.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-008 & 008A & 008B Figure 3.2 near tower 107	This 16.3 hectare land parcel with a grass enterprise is located in Lemgare Co Monaghan. The sensitivity is medium. There are two yards / farm buildings located at approx 70m South West & 20m South West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 107 and associated works including clearing the site, provision of access (approx 50m of temporary and 400m of existing track will be used) and construction of two guarding locations (0.08ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 1.2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 107 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 420m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.12 % of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at tower construction site; [0.2ha of soil damage = 1.2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 20m & 70m from yards (OHL in an adjoining property).  The proposed OHL in Northern Ireland will have a Slight impact on this land parcel due to proximity to farm yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-010	This 2.7 hectare land parcel with a grass enterprise is located in	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull	The construction disturbance impact is short term (generally	There will be a very low level of disturbance and an additional safety risk due to the edge	The impact magnitude is

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Figure 3.2 between towers 107 & 108	Lemgare Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	alignment of the OHL for approx 40m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	very low and the significance of the residual impact is Imperceptible.
LCT-011, 012 & 013  Figure 3.2 near tower LCT-108	This 19 hectare land parcel with an intensive agriculture (pigs or poultry) enterprise along with a grass enterprise is located in Lemgare Co Monaghan. The sensitivity is very high due to the intensive livestock enterprise which is located 90m South West of the proposed OHL.. There are other farm buildings located approx 90m South West of the proposed OHL in the north west of the land parcel.	Disturbance will result from the construction and stringing of tower ref 108 and associated works including clearing the site and provision of access (approx 160m of temporary and 590m of existing track will be used) and two guarding locations (0.07ha) will be constructed to facilitate stringing OHL over public road.. The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 1% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 108 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a low level of disturbance due to the central alignment of the OHL for approx 470m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.1 % of land area]. There will be residual damage to soil along temporary access route, at construction site and at guarding locations; [0.3ha of soil damage = 1% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low - medium impact on the intensive enterprise farm buildings and their potential expansion due to location of power line 90m from yard.	The impact magnitude is low and the significance of the residual impact is Slight.
LCT-014  Figure 3.2 near tower 109	This 5 hectare land parcel with a beef enterprise is located in Lisdrumgormly Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 70m North East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 109 and associated works including clearing the site, provision of access (approx 335m of temporary access route will be required) and construction of one guarding location (0.009ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 5.6% of the land parcel area. The 2 stringing sites will be fenced off for a 1 - 2 week period when the stringing operation is taking place. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is Low and the significance is Imperceptible.	Tower 109 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 110m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.023ha at base of tower = 0.46 % of land area]. There will be residual damage to soil along temporary access routes, guarding location and at tower construction site and at stringing sites; [0.32ha of soil damage = 6.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 70m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-015  Figure 3.2 between towers 109 & 110	This 0.6 hectare land parcel with a grass enterprise is located in Lisdrumgormly Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a medium level of disturbance and an additional safety risk due to the central alignment of the OHL for approx 90m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-016  Figure 3.2 between towers 109 & 110	This 3 hectare land parcel with a sheep enterprise is located in Lisdrumgormly Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. Three guarding locations (0.1ha) and 120m of temporary access tracks will be constructed to facilitate stringing. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The temporary area reduction due to the new temporary access route is 5% of the land parcel area. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 130m through the land parcel. There will be residual damage to soil along temporary access routes and guarding locations; [0.15ha of soil damage = 5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-017  Figure 3.2	This 13.9 hectare land parcel with a grass enterprise is located in Lisdrumgormly Co	Disturbance will result from the construction and stringing of tower ref 110 and associated works including clearing the site, provision of access (approx 315m of temporary access route will be required) and construction of two guarding locations	The construction disturbance impact is short term (generally less than 12 months). Land	Tower 110 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of	The impact magnitude is medium and

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near tower 110	Monaghan. The sensitivity is medium. There are two yards / farm buildings located at approx 200m North West & 5m South East of the proposed OHL. (old out houses)	(0.055ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	disturbance due to the off-center alignment of the OHL for approx 380m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.14 % of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at tower construction site; [0.28ha of soil damage = 2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on farm buildings and their potential expansion due to location of power line only 5m from yard (but these are old sheds are poor quality).	the significance of the residual impact is Slight Adverse.
LCT-018 Figure 3.2 between towers 111 & 112	This 1.9 hectare land parcel with a grass enterprise is located in Annaglogh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 7 m from the OHL. There will be a low magnitude of disturbance due to 280 m of existing shared access track being used by construction traffic for approx 60 days over a 4 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-019 Figure 3.2 near tower 111	This 1.4 hectare land parcel with a grass enterprise is located in Annaglogh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 420 m of existing shared access track being used by construction traffic for approx 60 days over a 4 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 10m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-020 Figure 3.2 between towers 111 & 112	This 9.6 hectare land parcel with a grass enterprise is located in Annaglogh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 40m South East of the proposed OHL.	Disturbance will result from the construction and stringing of towers 111 & 112 and associated works including clearing sites, provision of access (approx 490m of temporary and 270m of existing track will be used) and construction of two guarding locations (0.08ha). The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 5% of the land parcel area. The 2 stringing sites will be fenced off for a 1 - 2 week period when the stringing operation is taking place. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is medium and the significance is Slight Adverse.	Towers 111 & 112 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 340m through the land parcel. There will be restriction on land utilisation due to presence of towers; [0.043ha at base of towers = 0.45 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at construction sites and at stringing sites; [0.55ha of soil damage = 5.7% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 40m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-021 Figure 3.2 between towers 111 & 112	This 5.3 hectare land parcel with a grass enterprise is located in Lisdrumgormly Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 20m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-022 & 022A	This 33.9 hectare land parcel with a beef enterprise is located in Latnakelly Co Monaghan. The	Disturbance will result from the construction and stringing of towers 114 & 115 and associated works including clearing sites, provision of access (approx 910m of temporary and 690m of existing track will be used) and construction of four guarding	The construction disturbance impact is short term (generally less than 12 months). Land	Towers 114 & 115 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of	The impact magnitude is low and the

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
Figure 3.2 between towers 112 & 115	sensitivity is medium. There are two yards / farm buildings located at approx 120m South East & 80m North West of the proposed OHL.	locations (0.16ha). The construction will last approx 90 days over a 4-6 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction due to construction sites and along the new temporary access route is 2.4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is medium and the significance is Slight Adverse.	disturbance due to the central alignment of the OHL for approx 1120m through the land parcel. There will be restriction on land utilisation due to presence of towers; [0.04ha at base of towers = 0.12 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction sites; [0.8ha of soil damage = 2.4% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 80m & 120m from yards.	significance of the residual impact is Slight Adverse.
LCT-023 & 23A Figure 3.2 between towers 112 & 116	This 17.8 hectare land parcel with a beef enterprise is located in Annaglogh & Latnakelly Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 260m South East of the proposed OHL.	Disturbance will result from the construction and stringing of tower 113 and associated works including clearing sites, provision of access (approx 210m of temporary and 430m of existing track will be used). The construction will last approx 30 days over a 4-6 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until tower is constructed. Disturbance to livestock can be expected at or near construction site and along access track. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction due to construction sites and along the new temporary access route is 1.1% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	Tower 113 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 160m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of towers = 0.11 % of land area]. There will be residual damage to soil along temporary access route and at tower construction site; [0.2ha of soil damage = 1.1% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 260m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-024 Figure 3.2 near tower 113	This 4 hectare land parcel with a beef enterprise is located in Latnakelly Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 560 m of existing shared access track being used by construction traffic for approx 60 days over a 4 month period and there may be cutting back of hedge/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 40m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-025 Figure 3.2 near tower 115	This 0.9 hectare land parcel with a grass enterprise is located in Tassan Co Monaghan. The sensitivity is low. There is a yard / farm buildings located approx 70m South East of the proposed OHL.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 7 m from the OHL. There may be a low magnitude of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL - there will be no other significant impacts. Pre mitigation the impact is Imperceptible.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 70m from yard.	The overall magnitude of impact is very low and the significance of the residual impact is Imperceptible
LCT-026 Figure 3.2 between towers 115& & 116	This 6.2 hectare land parcel with a beef enterprise is located in Tassan Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 230m North West of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 20m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 230m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-027 Figure 3.2 between towers 116	This 9 hectare land parcel with a beef enterprise is located in Tassan Co Monaghan. The sensitivity is medium. There is a	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 18 m from the OHL. There may be a low magnitude of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL - there will be no other significant impacts. Pre mitigation the impact is Imperceptible.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction	There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. Potential reduction in hedge height/shelter will not have a	The overall magnitude of impact is very low and the

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
& 117	yard / farm buildings located approx 290m South East of the proposed OHL.		impact is very low and the significance is Imperceptible.	significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 290m from yard.	significance of the residual impact is Imperceptible
LCT-028 Figure 3.2 between towers 116 & 117	This 7.6 hectare land parcel with a beef enterprise is located in Tassan Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 100m North West of the proposed OHL.	Disturbance will result from the construction and stringing of towers 116 & 117 and associated works including clearing sites and provision of access (approx 490m of temporary access route will be used). The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected to occur at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Towers 116 & 117 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 280m through the land parcel. There will be restriction on land utilisation due to presence of towers; [0.043ha at base of towers = 0.56 % of land area]. There will be residual damage to soil along temporary access routes and at construction sites; [0.4ha of soil damage = 5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 100m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-029 Figure 3.2 between towers 117 & 118	This 10 hectare land parcel with a grass enterprise is located in Tassan Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 100m South East of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the central alignment of the OHL for approx 200m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a very low impact on farm buildings and their potential expansion due to location of power line 100m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-036 Figure 3.3 near tower 118	This 21 hectare land parcel with a beef enterprise is located in Cashel Co Monaghan. The sensitivity is medium. There are two yards / farm buildings located at approx 290m South & 80m South of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 118 and associated works including clearing the site and provision of access (approx 400m of temporary and 720m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The 2 stringing sites will be fenced off for a 1 - 2 week period when the stringing operation is taking place. The temporary area reduction due to construction site and along the new temporary access route is 1.6% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	Tower 118 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 320m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.023ha at base of tower = 0.11 % of land area]. There will be residual damage to soil along temporary access route and at construction site and at stringing sites; [0.34ha of soil damage = 1.6% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 80m & 290m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-047, 047A, 047B & 047C Figures 3.2 & 3.3 between towers 119 & 122	This 45.6 hectare land parcel with a beef enterprise is located in Cashel Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 40m North West of the proposed OHL.	Disturbance will result from the construction and stringing of towers 119 & 120 & 121 & 122 and associated works including clearing sites, provision of access (approx 1100m of temporary and 590m of existing track will be used) and construction of four guarding locations (0.16ha). The construction will last approx 120 days over a 4-8 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is medium and the significance is Slight Adverse.	Towers 119 & 120 & 121 & 122 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 1020m through the land parcel. There will be restriction on land utilisation due to presence of towers; [0.083ha at base of towers = 0.18 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction sites; [1ha of soil damage = 2.2% of land parcel]. Potential reduction in hedge height/shelter will not have	The impact magnitude is medium and the significance of the residual impact is Slight Adverse.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
		route is 2.2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.		a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 40m from yard.	
LCT-048 Figure 3.3 between towers 120 & 122	This 28 hectare land parcel with a beef enterprise is located in Cashel Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 310m South of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 280 m of existing shared access track (which passes beside a farm yard) being used by construction traffic for approx 60 days over a 4 month period and there may be cutting back of hedge/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 120m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 310m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-049 Figure 3.3 between towers 122 & 123	This 3.6 hectare land parcel with a grass enterprise is located in Annagh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 17 m from the OHL. There may be a low magnitude of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL - there will be no other significant impacts. Pre mitigation the impact is Imperceptible.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The overall magnitude of impact is very low and the significance of the residual impact is Imperceptible.
LCT-050 Figure 3.3 between towers 123 & 124	This 5.5 hectare land parcel with a beef enterprise is located in Annagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 100m South East of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 290m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 100m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-051 Figure 3.3 between towers 122 & 124	This 15.7 hectare land parcel with a beef enterprise is located in Carrickanure Co Monaghan. The sensitivity is medium. There are two yards / farm buildings located at approx 80m South East & 40m South East of the proposed OHL.	Disturbance will result from the construction and stringing of towers 123 & 124 and associated works including clearing sites, provision of access (approx 670m of temporary and 180m of existing track will be used) and construction of three guarding locations (0.09ha). The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 3.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is medium and the significance is Slight Adverse.	Towers 123 & 124 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 550m through the land parcel. There will be restriction on land utilisation due to presence of towers; [0.04ha at base of towers = 0.26 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction sites; [0.56ha of soil damage = 3.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a high impact on farm buildings and their potential expansion due to location of power line 40m from yard.	The impact magnitude is high and the significance of the residual impact is Moderate Adverse.
LCT-052 Figure 3.3 between towers 124 & 125	This 7 hectare land parcel with a grass enterprise is located in Carrickanure & Annagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 120m North West of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. Two guarding location (0.034ha) and temporary access tracks (180m) will be constructed to facilitate stringing. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The temporary area reduction along the new temporary access route is 1% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 260m through the land parcel. There will be residual soil damage along access route and at guarding location; [0.107ha = 1.5% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 120m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
LCT-053  Figure 3.3 between towers 124 & 125	This 12.4 hectare land parcel with a beef enterprise is located in Annagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 150m South East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 125 and associated works including clearing the site, provision of access (approx 40m of temporary and 270m of existing track will be used) and construction of one guarding location (0.04ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along the new temporary access route is 1.2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 125 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 300m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.16 % of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at tower construction site; [0.15ha of soil damage = 1.2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 150m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-054 A - C  Figure 3.3 between towers 125 & 126	This 10.6 hectare land parcel with a grass enterprise is located in Cornamucklagh North Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 130m North West of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 230m of existing shared access track (which passes beside a farm yard) and 280m of temporary access track being used by construction traffic for approx 30 days over a 2 month period. There may be cutting back of hedge/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. The potential construction impact is low. The temporary area reduction along new temporary access route is 1% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 200m through the land parcel. There will be residual damage to soil along temporary access route; [0.1ha of soil damage = 1% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 130m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-056 & 056A  Figure 3.3 near tower 126	This 8.8 hectare land parcel with a beef & dairy enterprise is located in Cornamucklagh North Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 60m North West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 126 and associated works including clearing the site, provision of access (approx 340m of temporary and 190m of existing track will be used) and construction of two guarding locations (0.08ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 4.5% of the land parcel area. The 2 stringing sites will be fenced off for a 1 - 2 week period when the stringing operation is taking place. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is Medium and the significance is Slight Adverse.	Tower 126 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 490m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.023ha at base of tower = 0.26 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site and at stringing sites; [0.4ha of soil damage = 4.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 60m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-057, 067B & 067C  Figure 3.3 near tower 127 and figure 3.4 between towers 131 & 132	This 26.3 hectare land parcel with a beef enterprise is located in Clarderry & Lennan Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 220m North West of the proposed OHL in northern land parcel and 110m North West of the proposed OHL in southern land parcel (main yard).	Disturbance will result from the construction and stringing of tower ref 127 and associated works including clearing the site and provision of access (approx 240m of temporary and 430m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 0.9% of the land parcel area. The stringing site will be fenced off for a 1 - 2 week period when the stringing operation is taking place. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	Tower 127 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 130m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.08 % of land area]. There will be residual damage to soil along temporary access route and at construction site and at stringing site; [0.236ha of soil damage = 0.9% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm	The impact magnitude is very low and the significance of the residual impact is Imperceptible.



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				buildings and their potential expansion due to location of power line 110m & 220m from yards.	
LCT-058 & 058A  Figure 3.3 between towers 127 & 128	This 9.8 hectare land parcel with a beef enterprise is located in Clarderry Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 90m South East of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a low level of disturbance due to and an additional safety risk the central alignment of the OHL for approx 300m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 90m from yard.	The impact magnitude is low and the significance of the residual impact is Slight.
LCT-059  Figure 3.3 near tower 128	This 17.6 hectare land parcel with a grass enterprise is located in Clarderry & Derryhallagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 60m North West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 128 and associated works including clearing the site and provision of access (approx 540m of temporary and 520m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 1.8% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 128 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 260m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.11 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.31ha of soil damage = 1.8% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on farm buildings and their potential expansion due to location of power line 60m from yard.	The impact magnitude is medium and the significance of the residual impact is Slight Adverse.
LCT-060  Figure 3.3 between towers 128 & 129	This 9.7 hectare land parcel with a dairy drystock enterprise is located in Derryhallagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 160m North West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 129 and associated works including clearing the site, provision of access (approx 70m of temporary and 600m of existing track will be used) and construction of one guarding location (0.04ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along the new temporary access route is 1.6% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 129 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 220m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.21 % of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at tower construction site; [0.16ha of soil damage = 1.6% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 160m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-062  Figure 3.3 between towers 129 & 130	This 5.8 hectare land parcel with a grass enterprise is located in Derryhallagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 130m North West of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. A guarding location (and 40m aof access track) will be constructed to facilitate stringing. There will be a low magnitude of disturbance due to 480 m of existing shared access track and 20m of temporary access track being used by construction traffic for approx 60 days over a 4 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. The potential construction impact is low. The temporary area reduction along the new temporary access route is 0.3% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the central alignment of the OHL for approx 170m through the land parcel. There will be residual damage to soil along access route and at guarding location; [0.06 ha = 1% of the land parcel area]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 130m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-063  Figure 3.3 between	This 6.7 hectare land parcel with a dairy enterprise is located in Derryhallagh Co Monaghan. The sensitivity is high. There is a	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 260 m of existing shared access track being used by construction traffic for approx 60 days over a 4 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction	There will be a very low level of disturbance and an additional safety risk due to the central alignment of the OHL for approx 160m through the land parcel. Potential reduction in hedge	The impact magnitude is low and the significance of

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
towers 129 & 130	yard / farm buildings located approx 70m North West of the proposed OHL.	near the access track when it is used by the construction traffic or at site of tree/hedge cutting. The potential construction impact is low. Pre mitigation the impact is Moderate Adverse.	impact is very low and the significance is Imperceptible.	height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 70m from yard.	the residual impact is Slight Adverse.
LCT-064 Figure 3.3 near tower 130	This 7.5 hectare land parcel with a grass enterprise is located in Drumroosk Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 50m North West of the proposed OHL. There is an existing high voltage line just to the south of yard.	Disturbance will result from the construction and stringing of tower ref 130 and associated works including clearing the site and provision of access (approx. 290m of temporary and 350m of existing track will be used). In addition to works on the proposed 400kV line there will be line modifications on the existing 100kV line which crosses the land parcel. This will require lowering the 110kV line, replacing one pole set at the same location and installing two additional 110kV pole sets. Therefore there will be construction sites at three locations along the existing 110kV line within this land parcel – one existing pole set where the 110kV line will be lowered and two new pole sets. The construction will last approx. 45 days over a 4-6 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. There is an existing 110 kV line on this land parcel close to the farm yard. The temporary area reduction due to construction site and along the new temporary access route is 5% of the land parcel area. The 2 stringing sites will be fenced off for a 1 - 2 week period when the stringing operation is taking place. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is medium and the significance is Slight Adverse.	Tower 130 and the additional 110kV pole sets will be obstacles to farm machinery and the proposed OHL and lower 110kV line will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the proposed OHL for approx 230m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.04ha at base of tower = 0.5 % of land area]. There will be residual damage to soil along temporary access route and at construction site and at stringing sites; [0.4ha of soil damage = 5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on farm buildings and their potential expansion due to location of power line 50m from yard and due to the existing OHL on the southern side of yard.	The impact magnitude is high and the significance of the residual impact is Moderate Adverse. (due mainly to the impact of the existing and proposed OHL on the farm yard)
LCT-065 Figure 3.4 between towers 130 & 131	This 13.9 hectare land parcel with a dairy enterprise is located in Drumroosk Co Monaghan. The sensitivity is high. There is a yard / farm buildings located approx 120m South East of the proposed OHL. There is an existing high voltage line 120m north of the farm yard.	Disturbance will result from the construction and stringing of tower ref 131 and associated works including clearing the site and provision of access (approx 150m of temporary and 220m of existing track will be used). In addition to works on the proposed 400 kV line there will be line modifications on the existing 100kV line. This will involve lowering the existing 110kv line and replacing one pole set at the same location. The construction will last approx approx 45 days over a 4-6 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 1% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	Towers 131 will be an obstacle to farm machinery and the proposed OHL and lower 110kV line will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the proposed OHL for approx 230m through the land parcel. There will be restriction on land utilisation due to presence of towers; [0.018ha at base of towers = 0.13 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.15ha of soil damage = 1% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 120m from yard. The impact from the existing OHL is not significant.	The impact magnitude is low and the significance of the residual impact is Slight Adverse (after taking into account the existing 110kV OHL).
LCT-066 Figure 3.4 between towers 131 & 133	This 11.5 hectare land parcel with a beef enterprise is located in Drumroosk Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 50m South East of the proposed OHL.	Disturbance will result from the construction of two guarding locations (0.08ha) and associated works including clearing sites, provision of access (approx 80m of temporary track will be required). The construction will last approx 45 days over a 4-6 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. Disturbance to livestock can be expected at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 2.2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	The OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 530m through the land parcel. There will be residual damage to soil along temporary access routes, and at guarding locations; [0.26ha of soil damage = 2.2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on farm buildings and their potential expansion due to location of power line 50m from yard.	The impact magnitude is medium and the significance of the residual impact is Slight Adverse.
LCT-067 Figure 3.4 between	This 4.5 hectare land parcel with a grass enterprise is located in Drumroosk Co Monaghan. The sensitivity is medium. There is	Disturbance will result from the construction and stringing of towers 132 & 133 and associated works including clearing the site and provision of access (approx 180m of temporary access route and 40m of existing track will be used). The construction will last approx 60 days over a 4 - 6 month period. During this time damage will be caused	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access	Towers 132 & 133 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a low level of disturbance due to the central alignment of the OHL for	The impact magnitude is low and the significance of

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
towers 132 & 133	no yard / farm buildings on this land parcel.	to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction sites and along the new temporary access route is 4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	approx 290m through the land parcel. There will be restriction on land utilisation due to presence of towers; [0.04ha at base of towers = 1 % of land area]. There will be residual damage to soil along temporary access route and at construction sites; [0.17ha of soil damage = 4% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	the residual impact is Slight Adverse.
LCT-067A Figure 3.4 near tower 132	This 2.8 hectare land parcel with a dairy enterprise is located in Lennan Co Monaghan. The sensitivity is high. There is a yard / farm buildings located approx 290m North West of the proposed OHL.	This land parcel is not over-hung by the proposed OHL, however the nearest boundary of the land parcel is approximately 9m from the OHL and there will one stringing site located on it. There will be a low magnitude of disturbance due to 170m of existing access track and 130m of temporary track being used by construction traffic for approx 30 days and 130m of temporary access route being used for approx 7 days over a 12 month period. The stringing site will be fenced off for a 1 - 2 week period when the stringing operation is taking place. There may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to grazing livestock may occur near the access track when used by the construction traffic or at site of tree/hedge cutting. The temporary area reduction along new temporary access route is 3% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. There will be residual damage to soil along temporary access route and at stringing site; [0.09ha of soil damage = 3% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 290m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-068 Figure 3.4 between towers 130 & 134	This 14.3 hectare land parcel with a beef enterprise is located in Drumroosk & Lennan Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 100m East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 134 and associated works including clearing the site, provision of access (approx 90m of temporary and 620m of existing track will be used) and construction of two guarding locations (0.08ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. There is an existing 110 kV line on this land parcel. The temporary area reduction due to construction site and along the new temporary access route is 0.8% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 134 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 220m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.14 % of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at tower construction site; [0.216ha of soil damage = 1.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 100m from yard. The impact from the existing OHL is not significant.	The impact magnitude is low and the significance of the residual impact is Slight Adverse (after taking into account the existing 110kV OHL).
LCT-069, 069A & 069B Figure 3.4 between towers 134 & 135	This 12.4 hectare land parcel with a beef enterprise is located in Cargahramer Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 320m East of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 160m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 320m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-070 Figure 3.4 between towers 134 & 135	This 11.2 hectare land parcel with a dairy drystock enterprise is located in Cargahramer Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 135 and associated works including clearing the site and provision of access (approx 160m of temporary and 160m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 135 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 130m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.18 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.164ha of soil damage = 1.5% of land parcel]. Potential reduction in hedge height/shelter will not have	The impact magnitude is very low and the significance of the residual impact is Imperceptible.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
		the new temporary access route is 1.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.		a significant impact on livestock or crops.	
LCT-071 Figure 3.4 between towers 135 & 136	This 2.5 hectare land parcel with a grass enterprise is located in Cargagher Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 30m East of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 130m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on farm buildings and their potential expansion due to location of power line 30m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-072 Figure 3.4 between towers 135 & 136	This 2.3 hectare land parcel with a grass enterprise (some of it cut for hay/silage) is located in Cargagher Co Monaghan. The sensitivity is medium. There are two yards / farm buildings located at approx 170m West & 60m West of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 10m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a very low impact on farm buildings and their potential expansion due to location of power line 60m and 170m from yards.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-073 Figure 3.4 between towers 136 & 137	This 10.5 hectare land parcel with a beef & horses enterprise is located in Cornanure Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 60m East of the proposed OHL.	Disturbance will result from the construction and stringing of towers 136 & 137 and associated works including clearing sites and provision of access (approx 470m of temporary access route will be used) and construction of three guarding locations (0.13ha). The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected to occur at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Towers 136 & 137 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 530m through the land parcel. There will be restriction on land utilisation due to presence of towers; [0.043ha at base of towers = 0.41 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at construction sites; [0.5ha of soil damage = 5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 60m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-073A Figure 3.4 between towers 136 & 137	This 14.7 hectare land parcel with a beef enterprise is located in Cornanure Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 40m South West of the proposed OHL.	The proposed OHL will cross this land parcel. A guarding location will be constructed (0.03ha) along with temporary access track (40m). Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The temporary area reduction and along the new temporary access route is 0.3% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 340m through the land parcel. There will be residual soil damage along access route and at guarding location; [0.05ha = 0.3% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 40m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-073C Figure 3.4 between towers 138 & 139	This 18.5 hectare land parcel with a dairy enterprise is located in Rausker Co Monaghan. The sensitivity is high. There is a yard / farm buildings located approx 500m North East of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 210 m of existing access track being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. The potential construction impact is low. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 60m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 500m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-074 & 075	This 14.6 hectare land parcel with a dairy enterprise is located	Disturbance will result from the construction and stringing of tower ref 138 and associated works including clearing the site and provision of access (approx 560m of	The construction disturbance impact is short term (generally	Tower 138 will be an obstacle to farm machinery and OHL will be an additional safety	The impact magnitude is

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Figure 3.4 near tower 138	in Drumlongfield & Cornanure Co Monaghan. The sensitivity is high. There is a yard / farm buildings located approx 290m South West of the proposed OHL.	temporary access route will be required). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 2.2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 240m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.14 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.324ha of soil damage = 2.2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 290m from yard.	low and the significance of the residual impact is Slight Adverse.
LCT-076 Figure 3.4 near tower 139	This 10.6 hectare land parcel with a grass enterprise is located in Rausker Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 20m South West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 139 and associated works including clearing the site and provision of access (approx 320m of temporary and 160m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along the new temporary access route is 2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 139 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 510m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.19 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.22ha of soil damage = 2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on farm buildings and their potential expansion due to location of power line 20m from yard.	The impact magnitude is high (due to impact on farm yard) and the significance of the residual impact is Moderate Adverse.
LCT-076B Figure 3.4 between towers 137 & 139	This 10.9 hectare land parcel with a grass enterprise is located in Rausker Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 250m North East of the proposed OHL.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 40 m from the OHL. There will be a low magnitude of disturbance due to 190 m of existing shared access track being used by construction traffic for approx 30 days over a 2 month period Disturbance to livestock may occur near the access track when used by the construction traffic. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There is no significant impact on farm buildings and their potential expansion due to location of power line 250m from yard.	The residual impact is Imperceptible.
LCT-077 & 077A Figure 3.4 between towers 139 & 140	This 5.3 hectare land parcel with a grass enterprise is located in Terrygreeghan Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 60m South West of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the central alignment of the OHL for approx 130m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 60m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-078, 078A, 078B Figure 3.4 between towers 140 & 141	This 20 hectare land parcel with a beef enterprise is located in Terrygreeghan Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 110m West of the proposed OHL.	Disturbance will result from the construction and stringing of towers 140 & 141 and associated works including clearing the sites, provision of access (approx 550m of temporary and 450m of existing track will be used) and construction of two guarding locations (0.08ha). The construction will last approx 60 days over a 4 - 6 month period. During this time damage will be caused to soil along access tracks and at the construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction due to construction site and	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	Towers 140 & 141 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 480m through the land parcel. There will be restriction on land utilisation due to presence of towers; [0.043ha at base of tower = 0.24 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction sites; [0.4ha of soil damage = 2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant	The impact magnitude is low and the significance of the residual impact is Slight Adverse.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
		along the new temporary access route is 2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.		impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 110m from yard.	
LCT-079 & 079A  Figure 3.4 near tower 141	This 13.4 hectare land parcel with a beef & sheep enterprise is located in Terrygreeghan Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 250m East of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	The OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 120m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 250m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-079B  Figure 3.4 near tower 142	This 13.5 hectare land parcel with a dairy enterprise is located in Terrygreeghan Co Monaghan. The sensitivity is high. There is a yard / farm buildings located approx 40m West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 142 and associated works including clearing the site, provision of access (approx 310m of temporary and 40m of existing track will be used) and construction of two guarding locations (0.08ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 2.8% of the land parcel area. The 2 stringing sites will be fenced off for a 1 - 2 week period when the stringing operation is taking place. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	Tower 142 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 290m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.023ha at base of tower = 0.17 % of land area]. There will be residual damage to soil along temporary access routes at guarding locations and at construction site and at stringing sites; [0.38ha of soil damage = 2.8% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 40m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-080  Figure 3.4 between towers 143 & 144	This 26.2 hectare land parcel with a dairy enterprise is located in Terrygreeghan Co Monaghan. The sensitivity is high. There is a yard / farm buildings located approx 50m South West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 144 and associated works including clearing the site, provision of access (approx 270m of temporary access route will be required) and construction of four guarding locations (0.11ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 1.2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	Tower 144 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 190m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.08 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.32ha of soil damage = 1.2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 50m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-081  Figure 3.4 near tower 143	This 29.1 hectare land parcel with a dairy enterprise is located in Cornamucklagh South Co Monaghan. The sensitivity is high. There is a yard / farm buildings located approx 170m North East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 143 and associated works including clearing the site, provision of access (approx 600m of temporary access route will be required) and construction of three guarding locations (0.09ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 0.8% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	Tower 143 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 460m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.07 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.43ha of soil damage = 1.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant	The impact magnitude is low and the significance of the residual impact is Slight Adverse.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
				impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 170m from yard.	
LCT-082 Figure 3.4 between towers 144 & 145	This 4.3 hectare land parcel with a grass enterprise is located in Cornamucklagh South Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 40m North East of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. Two guarding locations (0.08ha) will be constructed along with 110m access track to facilitate stringing. There will be a low magnitude of disturbance due to 70 m of existing access track being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the central alignment of the OHL for approx 200m through the land parcel. There will be residual damage along access route and at guarding location; [0.08ha = 1.9% of the land parcel area]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a high impact on farm buildings and their potential expansion due to location of power line 40m from yard.	The impact magnitude is medium and the significance of the residual impact is Slight Adverse.
LCT-083 Figure 3.4 near tower 145	This 5.9 hectare land parcel with a beef enterprise is located in Crinkill Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 120m North East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 145 and associated works including clearing the site and provision of access (approx 170m of temporary and 170m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 2.9% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 145 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 230m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.34 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.168ha of soil damage = 2.9% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 120m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-084 Figure 3.4 between towers 145 & 146	This 11.1 hectare land parcel with a beef enterprise is located in Crinkill Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 300m North East of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 70m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 300m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-086 & 086A Figure 3.4 near tower 146	This 14.2 hectare land parcel with a beef enterprise is located in Clogher Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 130m South West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 146 and associated works including clearing the site and provision of access (approx 320m of temporary and 600m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 1.6% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 146 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 330m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.14 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.228ha of soil damage = 1.6% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 130m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-087 Figure 3.4	This 11.4 hectare land parcel with a beef enterprise is located in Clogher Co Monaghan. The	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 320m	The impact magnitude is low and the

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between towers 146 & 147	sensitivity is medium. There is a yard / farm buildings located approx 130m North East of the proposed OHL.		magnitude of construction impact is very low and the significance is Imperceptible.	through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 130m from yard.	significance of the residual impact is Slight Adverse.
LCT-087A Figure 3.4 between towers 146 & 147	This 12.5 hectare land parcel with a beef enterprise is located in Clogher Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 260m South West of the proposed OHL.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 16 m from the OHL. There will be a low magnitude of disturbance due to 320 m of existing shared access track (which passes beside a farm yard) being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedge/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 260m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-088 Figure 3.4 between towers 146 & 147	This 2.7 hectare land parcel with a beef enterprise is located in Clogher Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 20m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-089 Figure 3.4 between towers 147, 148	This 27.8 hectare land parcel with a grass enterprise is located in Drumguillew Lower Co Monaghan. The sensitivity is high (possibly dairy). There is a yard / farm buildings located approx 20m South West of the proposed OHL.	Disturbance will result from the construction and stringing of towers 147 & 148 and associated works including clearing sites, provision of access (approx 530m of temporary and 700m of existing track will be used) and construction of two guarding locations (0.08ha). The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 1.4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	Towers 147 & 148 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 620m through the land parcel. There will be restriction on land utilisation due to presence of towers; [0.04ha at base of towers = 0.14 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at construction sites; [0.49ha of soil damage = 1.8% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a high impact on farm buildings and their potential expansion due to location of power line 20m from yard.	The impact magnitude is high (due to impact on farm yard) and the significance of the residual impact is Moderate Adverse.
LCT-089A Figure 3.4 between towers 149, 152 & 153	This 13.9 hectare land parcel with a dairy drystock enterprise is located in Drumguillew Lower & Drumhawan Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 50m East of the proposed OHL.	Disturbance will result from the construction and stringing of towers 149 & 150 and associated works including clearing the site, provision of access (approx 420m of temporary access route will be required) and construction of three guarding locations (0.12ha). The construction will last approx 60 days over a 4-6 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 3.5% of the land parcel area. The 2 stringing sites will be fenced off for a 1 - 2 week period when the stringing operation is taking place. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Towers 149 & 150 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 520m through the land parcel. There will be restriction on land utilisation due to presence of towers; [0.043ha at base of tower = 0.3 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction sites and at stringing sites; [0.5ha of soil damage = 3.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 50m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-091 & 091B	This 17 hectare land parcel with an equine enterprise is located in Drumhawan Co Monaghan.	Disturbance will result from the construction and stringing of tower ref 151 and associated works including clearing the site, provision of access (approx 140m of temporary access route will be required and 115m of existing track will be used) and	The construction disturbance impact is short term (generally less than 12 months). Land	Tower 151 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of	The impact magnitude is low and the



Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
Figure 3.5 near tower 150	The sensitivity is very high. There is a yard / farm buildings located approx 180m West of the proposed OHL.	construction of one guarding location (0.04ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock/horses can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where livestock are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 1.1% of the land parcel area. Pre mitigation the impact is Major Adverse.	area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	disturbance due to the central alignment of the OHL for approx 400m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.12 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.2ha of soil damage = 1.1% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 180m from yard.	significance of the residual impact is Slight Adverse.
LCT-091A & 092  Figure 3.5 between towers 150 & 151	This 13.2 hectare land parcel with a beef enterprise is located in Drumhawan Co Monaghan. The sensitivity is medium. The yard / farm buildings is located at approx 170m East & there is a corner of a field used for stacking bales 10m East of the proposed OHL.	Disturbance will result from the construction of one guarding location (0.04ha) and associated works including clearing the site, provision of access (approx 75m of temporary access route will be required). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The guarding construction site is located on an area used for storing bales of silage. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 1.25% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	The OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 210m through the land parcel. There will be residual damage to soil along temporary access routes and at guarding location; [0.17ha of soil damage = 1.25% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on farm buildings and their potential expansion due to location of power line 10m from field used for storing bales of silage.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-093  Figure 3.5 between towers 152 & 153	This 11.7 hectare land parcel with a grass enterprise is located in Drumhawan Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 152 and associated works including clearing the site, provision of access (approx 45m of temporary access route will be required) and construction of one guarding location (0.04ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 1.4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	Tower 152 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 120m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.17 % of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at tower construction site; [0.16ha of soil damage = 1.4% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-094 Figure 3.5 near tower 152	This 0.6 hectare land parcel is located in Drumhawan Co Monaghan. There is a dwelling site and surrounding grass field. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 14 m from the OHL. There may be a low magnitude of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL - there will be no other significant impacts. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The overall magnitude of impact is very low and the significance of the residual impact is Imperceptible
LCT-095, 108, 108A  Figure 3.5 between towers 152 & 153 & near tower 159	This 46 hectare land parcel with a beef & horses enterprise is located in Drumhawan & Brackly Co Monaghan. The sensitivity is high. There is a yard / farm buildings located approx 430m South West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 153 & 159 and associated works including clearing the site and provision of access (approx 370m of temporary access route will be required). The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access routes. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Towers 153 and 159 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 860m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.04ha at base of towers = 0.1 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.48ha	The impact magnitude is low and the significance of the residual impact is Slight Adverse.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
		for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 4.4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.		of soil damage = 1.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 430m from yard.	
LCT-096 & LCT-098A  Figure 3.5 between towers 153 & 154	This 29.2 hectare land parcel with a grass enterprise is located in Drumhawan & Greagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 170m West of the proposed OHL.	Disturbance will result from the stringing of tower 154 and associated works including clearing the stringing site and provision of access (approx 90m of temporary and 510m of existing track will be used). The disturbance will last approx 14 days. During this time damage will be caused to soil along access tracks and at the stringing site. Trees and hedges may be cut back. Disturbance to livestock can be expected to occur mainly at or near stringing site and along access tracks. Potentially there is a medium - high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction along new temporary access route is 0.3% of the land parcel area. The stringing site will be fenced off for a 1 - 2 week period when the stringing operation is taking place. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 260m through the land parcel. There will be residual damage to soil along temporary access route and at stringing site; [0.076ha of soil damage = 0.3% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 170m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-097  Figure 3.5 near tower 153	This 9.2 hectare land parcel with a dairy enterprise is located in Drumhawan Co Monaghan. The sensitivity is high. There is no yard / farm buildings on this land parcel.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 160m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-098  Figure 3.5 between towers 154 & 155	This 13.2 hectare land parcel with a beef enterprise is located in Greagh Co Monaghan. The sensitivity is medium. There are two yards / farm buildings located at approx 130m South West & 190m North East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 154 and associated works including clearing the site and provision of access (approx 70m of temporary and 510m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along the new temporary access route is 1% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 154 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 130m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.023ha at base of tower = 0.17 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.128ha of soil damage = 1% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 130m & 190m from yards.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-099  Figure 3.5 between towers 154 & 155	This 7.1 hectare land parcel with a grass enterprise is located in Greagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 140m South West of the proposed OHL.	Disturbance will result from the stringing of tower 154 and associated works including clearing the stringing site and provision of access (approx 140m of temporary and 430m of existing track will be used). The disturbance will last approx 14 days. During this time damage will be caused to soil along access tracks and at the stringing site. Disturbance to livestock can be expected to occur mainly at or near stringing site and along access tracks. Potentially there is a medium - high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction along new temporary access route is 1.4% of the land parcel area. The stringing site will be fenced off for a 1 - 2 week period when the stringing operation is taking place. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the central alignment of the OHL for approx 170m through the land parcel. There will be residual damage to soil along temporary access route and at stringing site; [0.096ha of soil damage = 1.4% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 140m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-100 & 102A  Figure 3.5	This 16.4 hectare land parcel with a grass enterprise (with yard typically used for beef cattle) is located in Greagh Co	Disturbance will result from the construction and stringing of tower ref 155 and associated works including clearing the site and provision of access (approx 50m of temporary and 360m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access	Tower 155 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of	The impact magnitude is very low and the

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
between towers 155 & 156	Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 200m South West of the proposed OHL.	tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along the new temporary access route is 0.7% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	the OHL for approx 250m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.12 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.12ha of soil damage = 0.7% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 200m from yard.	significance of the residual impact is Imperceptible.
LCT-101 Figure 3.5 near tower 155	This 4.2 hectare land parcel with a grass enterprise (some of it cut for hay/silage) is located in Greagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 310m South West of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 360 m of existing access track (beside farm yard) being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 70m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 310m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-102 Figure 3.5 near tower 156	This 11.3 hectare land parcel with a beef enterprise is located in Greagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 40m North East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 156 and associated works including clearing the site and provision of access (approx 170m of temporary and 590m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along the new temporary access route is 1.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 156 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 420m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.18 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.168ha of soil damage = 1.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on farm buildings and their potential expansion due to location of power line 40m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-103 Figure 3.5 between towers 156 & 157	This 4.9 hectare land parcel with a grass enterprise is located in Greagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 200m North East of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 440 m of existing shared access track being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 30m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 200m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-104 Figure 3.5 between towers 156 & 157	This 5.7 hectare land parcel with a sheep enterprise is located in Greagh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 350 m of existing shared access track being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the central alignment of the OHL for approx 80m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-105B Figure 3.5 near tower 157	This 4.4 hectare land parcel with a beef enterprise is located in Greagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located	Disturbance will result from the construction and stringing of tower ref 157 and associated works including clearing the site, provision of access (approx 270m of temporary and 300m of existing track will be used) and construction of three guarding locations (0.12ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites	Tower 157 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 230m through the land	The impact magnitude is low and the significance of the residual

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
	approx 40m North East of the proposed OHL.	construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along the new temporary access route is 7.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	parcel. There will be restriction on land utilisation due to presence of tower; [0.023ha at base of tower = 0.52 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.33ha of soil damage = 7.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 40m from yard.	impact is Slight Adverse.
LCT-106, 106A & 106B  Figure 3.5 between towers 157 & 158	This 8.1 hectare land parcel with a beef enterprise is located in Brackly & Greagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 50m South West of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. A temporary access track will lead to a guarding location (0.04ha). There will be a low magnitude of disturbance due to 90 m of temporary access track being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. The temporary area reduction along new temporary access route is 0.9% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 80m through the land parcel. There will be residual damage to soil along temporary access routes and at guarding location; [0.08ha of soil damage = 0.9% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 50m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-107  Figure 3.5 near tower 158	This 1.7 hectare grass land parcel (possibly with an equine enterprise) is located in Brackly Co Monaghan. The sensitivity is high. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 158 and associated works including clearing the site and provision of access (approx 240m of temporary access route will be required). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along the new temporary access route is 11.7% of the land parcel area. Pre mitigation the impact is Major Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is medium and the significance is Slight Adverse.	Tower 158 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a medium level of disturbance due to the central alignment of the OHL for approx 170m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 1.19 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.196ha of soil damage = 11.7% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-109  Figure 3.5 near tower 158	This 2.2 hectare land parcel with mainly rough grazing/boggy land is located in Brackly Co Monaghan. The sensitivity is low/very low. There is no yard / farm buildings on this land parcel.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 6 m from the OHL. There may be a low magnitude of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL - there will be no other significant impacts.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The overall magnitude of impact is very low and the significance of the residual impact is Imperceptible
LCT-114 & 114A  Figure 3.5 between towers 160 & 161	This 32.4 hectare land parcel with a grass enterprise is located in Tullynahinnera & Cooltrimegish Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 340m North East of the proposed OHL.	Disturbance will result from the construction and stringing of towers 160 & 161 and associated works including clearing sites, provision of access (approx 400m of temporary and 920m of existing track will be used) and construction of one guarding location (0.04ha). The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Towers 160 & 161 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 370m through the land parcel. There will be restriction on land utilisation due to presence of towers; [0.043ha at base of towers = 0.13 % of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at tower construction sites and at stringing sites; [0.48ha of soil damage = 1.5% of land parcel]. Potential reduction in hedge height/shelter will	The impact magnitude is low and the significance of the residual impact is Slight Adverse.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
		route is 1.5% of the land parcel area. The 2 stringing sites will be fenced off for a 1 - 2 week period when the stringing operation is taking place. Pre mitigation the impact is Moderate Adverse.		not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 340m from yard.	
LCT-116 Figure 3.5 between towers 162 & 163	This 15.8 hectare land parcel with a dairy enterprise is located in Cooltrimegish Co Monaghan. The sensitivity is high. There is a yard / farm buildings located approx 50m South East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 162 and associated works including clearing the site, provision of access (approx 60m of temporary and 570m of existing track will be used) and construction of three guarding locations (0.065ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	Tower 162 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 620m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.13 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.22ha of soil damage = 1.4% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 50m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-117 Figure 3.5 between towers 162 & 163	This 9.1 hectare land parcel with a grass enterprise (with yard typically used for beef cattle) is located in Brackly Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 50m North West of the proposed OHL.	The proposed OHL will cross this land parcel. A guarding location (0.04ha) and an access track (160m) will be required to facilitate stringing of OHL. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The temporary area reduction along the new temporary access route is 1% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 110m through the land parcel. There will be residual soil damage along the access route and at guarding location; [0.1ha of damage = 1% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a very low impact on farm buildings and their potential expansion due to location of power line 50m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-118 Figure 3.5 between towers 162 & 163	This 0.7 hectare land parcel with a beef enterprise is located in Brackly Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 30m North West of the proposed OHL.	The proposed OHL will cross this land parcel. Two guarding locations (0.041ha) and an access track (65m) will be required to facilitate stringing of OHL. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The temporary area reduction along the new temporary access route is 10% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is low and the significance is Slight Adverse.	There will be a low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 80m through the land parcel. There will be residual soil damage along the access route and at guarding location; [0.07 ha of damage = 10% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a high impact on farm buildings and their potential expansion due to location of power line 30m from yard.	The impact magnitude is high and the significance of the residual impact is Moderate Adverse.
LCT-119, 119A & 119B Figure 3.5 between towers 163 & 164 and near tower 158	This 25.8 hectare land parcel with a dairy enterprise is located in Boraghy Co Monaghan. The sensitivity is high. There is a yard / farm buildings located approx 120m North West of the proposed OHL. (There is also a small plot of bog further north near tower 158)	Disturbance will result from the construction and stringing of towers 163 & 164 and associated works including clearing sites, provision of access (approx 340m of temporary and 110m of existing track will be used) and construction of two guarding locations (0.071ha). The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction at construction sites and along the new temporary access routes is 1.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	Towers 163 & 164 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 420m through the land parcel. There will be restriction on land utilisation due to presence of towers; [0.04ha at base of towers = 0.15 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction sites; [0.4ha of soil damage = 1.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 120m	The impact magnitude is low and the significance of the residual impact is Slight Adverse.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
				from yard.	
LCT-121 Figure 3.5 near tower 165	This 6.4 hectare land parcel with a beef enterprise is located in Boraghy Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 60m South East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 165 and associated works including clearing the site, provision of access (approx 145m of temporary and 50m of existing track will be used) and construction of two guarding locations (0.06ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction at the construction site and along the new temporary access routes is 3.4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	Tower 165 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 320m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.31 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.2ha of soil damage = 3.4% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on farm buildings and their potential expansion due to location of power line 60m from yard.	The impact magnitude is medium and the significance of the residual impact is Slight Adverse.
LCT-122 Figure 3.5 between towers 165 & 166	This 0.1 hectare land parcel with a beef enterprise is located in Boraghy Co Monaghan. The sensitivity is low / very low due to size. There is no yard / farm buildings on this land parcel (possibly part of adjoining field).	The proposed OHL will cross this land parcel. One guarding location (0.02ha) and an access track (15m) will be required to facilitate stringing of OHL. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The temporary area reduction along the new temporary access route is 6% of the land parcel area. Pre mitigation the impact is Imperceptible.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a medium level of disturbance and an additional safety risk due to the central alignment of the OHL for approx 80m through the land parcel. There will be residual soil damage along the access route and at guarding location; [0.03 ha of damage = 20% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is high and the significance of the residual impact is Slight Adverse.
LCT-123 Figure 3.5 between towers 165 & 166	This 8.9 hectare land parcel with a grass enterprise is located in Aghmakerr Co Monaghan. The sensitivity is medium. There are two yards / farm buildings located at approx 100m North West & 110m North West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 166 and associated works including clearing the site and provision of access (approx 270m of temporary and 360m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction at construction site and along the new temporary access route is 3.2% of the land parcel area. The 2 stringing sites will be fenced off for a 1 - 2 week period when the stringing operation is taking place. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low – medium and the significance is Imperceptible.	Tower 166 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 230m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.023ha at base of tower = 0.26 % of land area]. There will be residual damage to soil along temporary access route and at construction site and at stringing sites; [0.288ha of soil damage = 3.2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 100m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-124 Figure 3.5 between towers 165 & 166	This 4.7 hectare land parcel with a grass enterprise is located in Aghmakerr Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 480 m of existing shared access track being used by construction traffic for approx 60 days over a 4 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 110m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-125 Figure 3.5 between towers 166 & 167	This 15.5 hectare land parcel with a sheep enterprise is located in Aghmakerr Co Monaghan. The sensitivity is medium. There is a yard / old farm buildings located approx 30m North West of the proposed	Disturbance will result from the construction and stringing of tower ref 167 and associated works including clearing the site, provision of access (approx 130m of temporary and 790m of existing track will be used) and construction of four guarding locations (0.16ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction	Tower 167 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 420m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at	The impact magnitude is low and the significance of the residual impact is Slight

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
	OHL.	expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction at construction sites and along the new temporary access routes is 2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	impact is low and the significance is Imperceptible.	base of tower = 0.13 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction sites; [0.31ha of soil damage = 2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 30m from yard.	Adverse.
LCT-126 & 126A  Figure 3.5 near tower 167 and figure 3.6 between towers 171 & 172	This 13.4 hectare land parcel with a beef enterprise is located in Aghmakerr & Tooa Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 190m South East of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 360 m of existing shared access track and 10m of temporary access track being used by construction traffic for approx 60 days over a 4 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 70m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 190m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-127  Figure 3.5 between towers 167 & 168	This 9.7 hectare land parcel with a grass enterprise is located in Drumillard Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 130m South East of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 290 m of existing shared access track being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. An access track (25m) to a guarding location (0.04ha) will be located on the land parcel. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. The temporary area reduction along the new temporary access route is 0.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 230m through the land parcel. There will be residual soil damage along access route and at guarding location; [0.05ha of soil damage = 0.5% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a very low impact on farm buildings and their potential expansion due to location of power line 130m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-128  Figure 3.5 between towers 167 & 168	This 2.6 hectare land parcel with a grass enterprise (with yard typically used for beef cattle) is located in Drumillard Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 30m North West of the proposed OHL.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 5 m from the OHL. There will be a low magnitude of disturbance due to 300m of existing shared access track (which passes beside a farm yard) being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedge/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 30m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-129  Figure 3.5 between towers 168 & 169	This 10.7 hectare land parcel with a grass enterprise (with yard typically used for beef cattle) is located in Drumillard Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 10m South East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 168 and associated works including clearing the site, provision of access (approx 390m of temporary and 290m of existing track will be used) and construction of one guarding location (0.04ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The stringing site will be fenced off for a 1 - 2 week period when the stringing operation is taking place. The temporary area reduction along the new temporary access route is 3% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 168 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 350m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.19 % of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at tower construction site and at stringing site; [0.32ha of soil damage = 3% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a high impact on farm buildings and their potential expansion due to location of power line 10m from yard.	The impact magnitude is high and the significance of the residual impact is Moderate Adverse.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
LCT-130 Figure 3.6 between towers 169 & 170	This 5.9 hectare land parcel with a grass enterprise is located in Drumillard Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 20m North East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 169 and associated works including clearing the site, provision of access (approx 140m of temporary and 140m of existing track will be used) and construction of two guarding locations (0.08ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The stringing site will be fenced off for a 1 - 2 week period when the stringing operation is taking place. The temporary area reduction along the new temporary access route is 4.6% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 169 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 230m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.023ha at base of tower = 0.39 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site and at stringing site; [0.34ha of soil damage = 4.6% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 20m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-132 Figure 3.6 between towers 169 & 170	This 8.1 hectare land parcel with a grass enterprise is located in Tooa Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 100m South West of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 150 m of existing shared access track being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Access tracks (185m) to two guarding locations (0.08ha) will be located on the land parcel. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. The temporary area reduction along the new temporary access routes is 1.9% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 140m through the land parcel. There will be residual soil damage along access routes and at guarding locations; [0.15ha of soil damage = 1.9% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 100m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-133 Figure 3.6 between towers 169 & 170	This 3.2 hectare land parcel with a beef enterprise is located in Drumillard Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 170m North East of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 290 m of existing shared access track being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 110m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 170m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-134 Figure 3.6 between towers 169 & 170	This 4.2 hectare land parcel with a grass enterprise is located in Tooa Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 130m South West of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 290 m of existing shared access track being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 40m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 130m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-135 Figure 3.6 between towers 170 & 171	This 11.1 hectare land parcel with a beef enterprise is located in Tooa Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 170 and associated works including clearing the site and provision of access (approx 30m of temporary and 290m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 170 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 310m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.18 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.112ha of soil damage = 1% of land parcel]. Potential reduction in hedge height/shelter will not have	The impact magnitude is low and the significance of the residual impact is Slight Adverse.



Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
		the new temporary access routes is 1% of the land parcel area. Pre mitigation the impact is Moderate Adverse.		a significant impact on livestock or crops.	
LCT-136 Figure 3.6 near tower 171	This 5.8 hectare land parcel with a grass enterprise is located in Tooa Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 30m North East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 171 and associated works including clearing the site, provision of access (approx 270m of temporary and 650m of existing track will be used) and construction of two guarding locations (0.05ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction along the new temporary access route is 4.25% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	Tower 171 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 270m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.34 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.34ha of soil damage = 4.25% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a high impact on farm buildings and their potential expansion due to location of power line 30m from yard.	The impact magnitude is high and the significance of the residual impact is Moderate Adverse.
LCT-137 Figure 3.6 between towers 172 &173	This 9.2 hectare land parcel with a beef enterprise is located in Tullyglass Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 560 m of existing shared access track being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 140m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-138 & 138A Figure 3.6 between towers 172 & 174	This 14.5 hectare land parcel with a grass enterprise (with yard typically used for beef cattle) is located in Tullyglass Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 220m South West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 172 and associated works including clearing the site and provision of access (approx 290m of temporary and 690m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction along the new temporary access route is 1.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 172 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 300m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.14 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.216ha of soil damage = 1.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 220m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-139 Figure 3.6 near tower 173 and between towers 175 & 176	This 18.8 hectare land parcel with a beef enterprise is located in Tullyglass Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 100m South West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 173 and associated works including clearing the site and provision of access (approx 300m of temporary and 690m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction along the new temporary access route is 1.2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 173 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 370m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.11 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.22ha of soil damage = 1.2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 100m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
LCT-140 Figure 3.6 near tower 174	This 3.2 hectare land parcel with a grass enterprise is located in Tullyglass Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 174 and associated works including clearing the site, provision of access (approx 350m of temporary access route will be required) and construction of one guarding location (0.03ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction at tower construction site and along the new temporary access route is 8% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is medium and the significance is Slight Adverse.	Tower 174 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a low level of disturbance due to the off-center alignment of the OHL for approx 250m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.63 % of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at tower construction site; [0.27ha of soil damage = 8 % of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Slight.
LCT-141 Figure 3.6 between towers 175 & 176	This 26.9 hectare land parcel with a beef enterprise is located in Tullyglass Co Monaghan. The sensitivity is medium. There are two yards / farm buildings located at approx 60m North West & 10m South West of the proposed OHL.	Disturbance will result from the construction and stringing of towers 175 & 176 and associated works including clearing sites, provision of access (approx 570m of temporary and 160m of existing track will be used) and construction of two guarding locations (0.08ha). The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The 2 stringing sites will be fenced off for a 1 - 2 week period when the stringing operation is taking place. The temporary area reduction along the new temporary access route is 2.3% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Towers 175 & 176 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 560m through the land parcel. There will be restriction on land utilisation due to presence of towers; [0.043ha at base of towers = 0.16 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction sites and at stringing sites; [0.63ha of soil damage = 2.3% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a high impact on farm buildings and their potential expansion due to location of power line 10m and 60m from yards.	The impact magnitude is high and the significance of the residual impact is Moderate Adverse.
LCT-143 Figure 3.6 near towers 175, 177 & 188	This 14.5 hectare land parcel with a beef enterprise is located in Cornasassonagh & Beagh Co Monaghan. The sensitivity is medium. There are two yards / farm buildings located at approx 110m North West & 300m North East of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 20 m of existing shared access track being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 160m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 110m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-144 Figure 3.6 near tower 177	This 6.6 hectare land parcel with a beef enterprise is located in Cornasassonagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 40m South East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 177 and associated works including clearing the site, provision of access (approx 465m of temporary and 110m of existing track will be used) and construction of two guarding locations (0.073ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction along the new temporary access route is 5.4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	Tower 177 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 280m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.3 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at construction site; [0.36ha of soil damage = 5.4% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on farm buildings and their potential expansion due to location of power line 40m from yard.	The impact magnitude is medium and the significance of the residual impact is Slight Adverse.
LCT-145 Figure 3.6	This 10.5 hectare land parcel with a grass enterprise (some of it cut for hay/silage) is located in	Disturbance will result from the construction and stringing of towers 178 & 179 and associated works including clearing sites, provision of access (approx 570m of temporary and 430m of existing track will be used) and construction of four guarding	The construction disturbance impact is short term (generally less than 12 months). Land	Towers 178 & 179 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of	The impact magnitude is medium and

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
between towers 178 & 179	Cornasassonagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 40m South East of the proposed OHL.	locations (0.16ha). The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction along the new temporary access route is 5.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	disturbance due to the central alignment of the OHL for approx 440m through the land parcel. There will be restriction on land utilisation due to presence of towers; [0.04ha at base of towers = 0.38 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at construction sites; [0.58ha of soil damage = 5.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on farm buildings and their potential expansion due to location of power line 40m from yard.	the significance of the residual impact is Slight Adverse.
LCT-146 Figure 3.6 near tower 180	This 4.4 hectare land parcel with a grass enterprise is located in Cornasassonagh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 180 and associated works including clearing the site, provision of access (approx 50m of temporary and 370m of existing track will be used) and construction of two guarding locations (0.08ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction at construction site and along the new temporary access route is 4.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 180 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a low level of disturbance due to the central alignment of the OHL for approx 250m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.45 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at construction site; [0.2ha of soil damage = 4.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-146A & 147A Figure 3.6 between towers 180 & 182	This 12.8 hectare land parcel with a grass enterprise is located in Corrinenty Co Monaghan. The sensitivity is assumed to be high (possibly dairy). There is no yard / farm buildings on this land parcel.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 9 m from the OHL. There may be a low magnitude of disturbance due to using the existing access track and 120m of temporary access track and cutting back of hedgerows/trees within 30m of the proposed OHL - there will be no other significant impacts. There is an existing 110 kV line on this land parcel which will be modified. The existing 110kV pole set will be replaced by a new 110kV pole set (in the same location) and the existing OHL will be lowered slightly. Pre mitigation the impact is Imperceptible.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of additional safety risk and disturbance due to the modification works and lowering of the existing 110kV line. There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The overall magnitude of impact is very low and the significance of the residual impact is Imperceptible (after taking into account the existing 110 kv OHL).
LCT-146B Figure 3.6 near tower 180	This 8.8 hectare land parcel with a grass enterprise (with yard typically used for beef cattle) is located in Cornasassonagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 210m South East of the proposed OHL.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 33 m from the OHL. There will be a low magnitude of disturbance due to 280 m of existing shared access track (which passes beside a farm yard) being used by construction traffic for approx 30 days over a 2 month period. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There is no significant impact on farm buildings and their potential expansion due to location of power line 210m from yard.	The residual impact is Imperceptible.
LCT-147 Figure 3.6 near tower 181	This 11.6 hectare land parcel with a grass enterprise is located in Corrinenty Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel. An existing high voltage line crosses the northern portion of the land parcel.	Disturbance will result from the construction and stringing of tower ref 181 and associated works including clearing the site, provision of access (approx 440m of temporary access route will be required) and construction of three guarding locations (0.12ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 181 will be an obstacle to farm machinery and the proposed 400 kV OHL and lower 110 kV OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 450m through the land parcel and and lowering the existing 110 kV OHL. There will be restriction on land utilisation due to presence of tower; [0.023ha at base of tower = 0.2 % of land area]. There will be residual	The impact magnitude is low and the significance of the residual impact is Slight Adverse (after taking into account the existing

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
		if disease precautions are not adhered to. The 2 stringing sites will be fenced off for a 1 - 2 week period when the stringing operation is taking place. There is an existing 110 kV line on this land parcel which will be modified. The existing 110kV tower will be replaced by a new 110kV pole set (in the same location) and the existing OHL will be lowered slightly. The temporary area reduction along the new temporary access route is 4.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.		damage to soil along temporary access routes, at guarding locations and at tower and pole set construction sites and at stringing sites; [0.5ha of soil damage = 4.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	110 kv OHL).
LCT-147B Figure 3.6 near tower 181	This 4.8 hectare land parcel with a grass enterprise is located in Corbane Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx. 240m east of the proposed OHL.	This land parcel is not over-hung by the proposed OHL; however the height of an existing 110 kV line will be reduced to facilitate the construction of the 400 kV line in an adjoining land parcel. The minimum 110 kV line ground clearance of 7m will be maintained. Pre mitigation the impact is Imperceptible.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of additional risk and permanent disturbance due to the modification works and lowering of the existing 110kV line.	The overall magnitude of impact is very low and the significance of the residual impact is Imperceptible.
LCT-147C Figure 3.6 near tower 181	This 4.2 hectare land parcel with a grass enterprise is located in Corbane Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx. 240m east of the proposed OHL.	This land parcel is not over-hung by the proposed OHL; however the height of an existing 110 kV line will be reduced to facilitate the construction of the 400 kV line in a nearby land parcel. The minimum 110 kV line ground clearance of 7m will be maintained. Pre mitigation the impact is Imperceptible.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of additional risk and permanent disturbance due to the modification works and lowering of the existing 110kV line.	The overall magnitude of impact is very low and the significance of the residual impact is Imperceptible.
LCT-148 & 148A Figure 3.6 near tower 183	This 17.2 hectare land parcel with a dairy drystock & silage enterprise is located in Ummerafree Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 140m North West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 183 and associated works including clearing the site, provision of access (approx 450m of temporary access route will be required) and construction of four guarding locations (0.14ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction along the new temporary access route is 2.4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	Tower 183 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 360m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.12 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.42ha of soil damage = 2.4% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 140m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-149 Figure 3.6 Near tower 182	This 5.3 hectare land parcel with an equine & beef enterprise is located in Ummerafree Co Monaghan. The sensitivity is high. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 182 and associated works including clearing the site, provision of access (approx 230m of temporary and 270m of existing track will be used) and construction of one guarding location (0.04ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction along the new temporary access route is 4.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	Pre mitigation the impact is Significant. The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	Tower 182 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a low level of disturbance due to the central alignment of the OHL for approx 300m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.37 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.23ha of soil damage = 4.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-150 Figure 3.6 between towers 183 & 184	This 8.4 hectare land parcel with a beef enterprise is located in Ummerafree Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located a few meters North West of the	Disturbance will result from the stringing of tower 184 and associated works including clearing the stringing site, provision of access (approx 115m of temporary and 720m of existing track will be used) and construction of one guarding locations (0.02ha). The disturbance will last approx 14 days. During this time damage will be caused to soil along access tracks and at the stringing site. Trees and hedges may be cut back. Disturbance to livestock can be expected to occur mainly at or near stringing site and	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The	There will be a low level of disturbance and an additional safety risk due to the central alignment of the OHL for approx 180m through the land parcel. There will be residual damage to soil along temporary access route and at stringing site; [0.11ha of soil damage = 1.3% of	The impact magnitude is high and the significance of the residual impact is

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
	proposed OHL.	along access tracks. Potentially there is a medium - high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The stringing site will be fenced off for a 1 - 2 week period when the stringing operation is taking place. The temporary area reduction along the new temporary access route is 1.3% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	magnitude of construction impact is low and the significance is Imperceptible.	land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a high impact on farm buildings and their potential expansion due to location of power line in relation to yard.	Moderate Adverse.
LCT-151 Figure 3.6 between towers 184 & 185	This 14.9 hectare land parcel with a beef enterprise is located in Ummerafree Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 40m South of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 184 and associated works including clearing the site, provision of access (approx 350m of temporary access route will be required) and construction of two guarding locations (0.08ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The stringing site will be fenced off for a 1 - 2 week period when the stringing operation is taking place. The temporary area reduction along the new temporary access route is 2.4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 184 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 300m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.023ha at base of tower = 0.15 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at construction site and at stringing site; [0.36ha of soil damage = 2.4% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a very low impact on farm buildings and their potential expansion due to location of power line 40m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-152 Figure 3.6 between towers 184 & 185	This 4.7 hectare land parcel with a grass enterprise (with yard typically used for beef cattle) is located in Ummerafree Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 290m South of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 40m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 290m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-153 Figure 3.6 near tower 185	This 8.8 hectare land parcel with a beef enterprise is located in Ummerafree Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 140m North of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 185 and associated works including clearing the site, provision of access (approx 450m of temporary and 140m of existing track will be used) and construction of one guarding location (0.04ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction along the new temporary access route is 3.6% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 185 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 200m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.23 % of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at construction site; [0.32ha of soil damage = 3.6% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 140m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-154A & 154B Figure 3.6 between towers 185 & 186	This 10.4 hectare land parcel with a beef enterprise is located in Sreenty Co Monaghan. The sensitivity is medium. There are two yards / farm buildings located at approx 70m North & 240m South of the proposed OHL.	The proposed OHL will cross this land parcel. There will be two guarding locations (0.08ha) and 60m of temporary access track (to facilitate stringing). Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The temporary area reduction along the new temporary access route is 1% of the land parcel area. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 310m through the land parcel. There will be soil damage along the access route and at the guarding locations; [0.1ha soil damage = 1% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a very low	The impact magnitude is low and the significance of the residual impact is Imperceptible.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
				impact on farm buildings and their potential expansion due to location of power line 70m from yard.	
LCT-155 Figure 3.6 near tower 186	This 15.7 hectare land parcel with a beef enterprise is located in Sreenty Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 300m North of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 186 and associated works including clearing the site and provision of access (approx 700m of temporary access route will be required). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The stringing site will be fenced off for a 1 - 2 week period when the stringing operation is taking place. The temporary area reduction at construction site and along the new temporary access route is 2.7% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 186 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 70m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.023ha at base of tower = 0.15 % of land area]. There will be residual damage to soil along temporary access route and at construction site and at stringing site; [0.42ha of soil damage = 2.7% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 300m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-156 & 156A Figure 3.6 between towers 186 & 187	This 18.6 hectare land parcel with a dairy enterprise is located in Sreenty Co Monaghan. The sensitivity is high. There is a yard / farm buildings located approx 120m South East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 187 and associated works including clearing the site, provision of access (approx 280m of temporary and 160m of existing track will be used) and construction of three guarding locations (0.12ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The stringing site will be fenced off for a 1 - 2 week period when the stringing operation is taking place. The temporary area reduction at construction site and along the new temporary access route is 2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	Tower 187 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 500m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.11 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site and at stringing site; [0.37ha of soil damage = 2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a very low impact on farm buildings and their potential expansion due to location of power line 120m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-157 Figure 3.6 near tower 188	This 6.4 hectare land parcel with a grass enterprise is located in Ardragh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 70m South East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 188 and associated works including clearing the site and provision of access (approx 210m of temporary access route will be required) and two guarding locations. The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The stringing site will be fenced off for a 1 - 2 week period when the stringing operation is taking place. The temporary area reduction at construction site and along the new temporary access route is 4.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 188 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 220m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.023ha at base of tower = 0.36 % of land area]. There will be residual damage to soil along temporary access route and at construction site and at stringing site; [0.3ha of soil damage = 4.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 70m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-159 & 159A Figure 3.6 between towers 188 & 189	This 11.4 hectare land parcel with a beef enterprise is located in Ardragh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 30m North East of the proposed OHL.	Disturbance will result from the stringing of tower 188 and associated works including clearing the stringing site, provision of access (approx 290m of temporary and 280m of existing track will be used) and construction of two guarding locations. The disturbance will last approx 14 days. During this time damage will be caused to soil along access tracks and at the stringing site. Trees and hedges may be cut back. Disturbance to livestock can be expected to occur mainly at or near stringing site and along access tracks. Potentially there is a medium - high magnitude of impact to the enterprise where	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction	There will be a very low level of disturbance and an additional safety risk due to the central alignment of the OHL for approx 290m through the land parcel. There will be residual damage to soil along temporary access routes, at guarding location and at stringing site; [0.19ha of soil damage = 1.6% of land parcel]. Potential	The impact magnitude is low and the significance of the residual impact is Slight

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
		cattle are disturbed and allowed to stray, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The stringing site will be fenced off for a 1 - 2 week period when the stringing operation is taking place. The temporary area reduction along the new temporary access route is 1.6% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	impact is low and the significance is Imperceptible.	reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 30m from yard.	Adverse.
LCT-160 Figures 3.6 & 3.7 near towers 188 & 189, 192	This 6.6 hectare land parcel with a beef enterprise is located in Ardragh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 28 m from the OHL. There may be a low magnitude of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL - there will be no other significant impacts. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The overall magnitude of impact is very low and the significance of the residual impact is Imperceptible
LCT-161 Figure 3.6 near tower 189	This 5 hectare land parcel with a dairy drystock enterprise is located in Ardragh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 250m South West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 189 and associated works including clearing the site and provision of access (approx 320m of temporary access route will be required). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction at construction site and along the new temporary access route is 4.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	Tower 189 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 150m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.4 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.22ha of soil damage = 4.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 250m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-162 Figure 3.6 between towers 189 & 190	This 9 hectare land parcel with a grass enterprise is located in Ardragh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 30m North East of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 170m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on farm buildings and their potential expansion due to location of power line 30m from yard.	The impact magnitude is medium and the significance of the residual impact is Slight Adverse.
LCT-163 Figure 3.6 near tower 190	This 14.4 hectare land parcel with a beef enterprise is located in Ardragh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 40m South West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 190 and associated works including clearing the site, provision of access (approx 100m of temporary and 190m of existing track will be used) and construction of two guarding locations (0.08ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction at construction site and along the new temporary access route is 1.3% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 190 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 320m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.14 % of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at tower construction site; [0.2ha of soil damage = 1.3% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a very low impact on farm buildings and their potential expansion due to location of power line 40m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-164 Figure 3.6	This 2.3 hectare land parcel with a grass enterprise is located in Ardragh Co Monaghan. The	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 60m through	The impact magnitude is very low and

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
between towers 190 & 191	sensitivity is medium. There is no yard / farm buildings on this land parcel.		magnitude of construction impact is very low and the significance is Imperceptible.	the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	the significance of the residual impact is Imperceptible.
LCT-164A Figure 3.6 between towers 190 & 191	This 3.7 hectare land parcel with a beef enterprise is located in Ardragh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 170m North East of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance due to the edge alignment of the OHL for approx 30m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 170m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-165 Figure 3.7 near tower 191	This 7.1 hectare land parcel with a beef enterprise is located in Ardragh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 70m South West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 191 and associated works including clearing the site and provision of access (approx 210m of temporary access route will be required). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction at construction site and along the new temporary access route is 2.6% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 191 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 180m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.28 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.184ha of soil damage = 2.6% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 70m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-166 Figure 3.7 between towers 191 & 192	This 4 hectare land parcel with a beef enterprise is located in Ardragh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 20m South West of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 130m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a high impact on farm buildings and their potential expansion due to location of power line 20m from yard.	The impact magnitude is medium and the significance of the residual impact is Slight Adverse.
LCT-167 Figure 3.7 near tower 192	This 5 hectare land parcel with a grass enterprise (some of it cut for hay/silage) is located in Ardragh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 192 and associated works including clearing the site and provision of access (approx 120m of temporary access route will be required). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction at construction site and along the new temporary access route is 3% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 192 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 130m through the land parcel. There will be restriction on land utilisation due to presence of tower; [0.02ha at base of tower = 0.4 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.148ha of soil damage = 3% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-168 Figure 3.7 near tower 192	This 0.6 hectare land parcel with a beef enterprise is located in Ardragh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel (there is a dwelling).	The proposed OHL will not cross this land parcel, however the nearest boundary is 20m from the OHL. Hedges and trees may be cut back within 30m of the OHL.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and there is no impact on farm buildings and their potential expansion.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.



Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
LCT-169 Figure 3.7 between towers 192 & 193	This 11.6 hectare land parcel with a sheep enterprise is located in Ardragh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	The proposed OHL will cross this land parcel. There will be two guarding locations (0.08ha) and temporary access track (175M) to facilitate stringing. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The temporary area reduction due to construction sites and along the new temporary access route is 1.3% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 150m through the land parcel. There will be soil damage along the access route and at the guarding locations; [0.15ha soil damage = 1.3% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-170 Figure 3.7 between towers 192 & 193	This 9.5 hectare land parcel with a grass enterprise (some of it cut for hay/silage) is located in Corvally Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 150m South West of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 160m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 150m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-171 Figure 3.7 near tower 193	This 8.5 hectare land parcel with a beef enterprise is located in Corvally Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 193 and associated works including clearing the site and provision of access (approx 270m of temporary access route will be required). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along the new temporary access route is 2.4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 193 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 230m through the land parcel. There will be restriction on land 33tilization due to presence of tower; [0.02ha at base of tower = 0.23 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.208ha of soil damage = 2.4% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-174 & 174A Figure 3.7 between towers 194 & 196	This 21.2 hectare land parcel with a beef enterprise is located in Corvally Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 40m North East of the proposed OHL.	Disturbance will result from the construction and stringing of towers 194 & 195 & 196 and associated works including clearing sites, provision of access (approx 1085m of temporary and m of existing track will be used) and construction of 6 guarding locations. The construction will last approx 90 days over a 4-6 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 4.4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is medium and the significance is Slight Adverse.	Towers 194 & 195 & 196 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 900m through the land parcel. There will be restriction on land 33tilization due to presence of towers; [0.06ha at base of towers = 0.28 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction sites; [0.934ha of soil damage = 4.4% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a high impact on farm buildings and their potential expansion due to location of power line 40m from yard.	The impact magnitude is high and the significance of the residual impact is Moderate Adverse.
LCT-175 Figure 3.7 between towers 195 & 196	This 11.2 hectare land parcel with a beef enterprise is located in Raferagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 60m South West of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 160m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 60m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-176	This 21.6 hectare land parcel with a beef enterprise is located	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull	The construction disturbance impact is short term (generally	There will be a very low level of disturbance and an additional safety risk due to the edge	The impact magnitude is

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
Figure 3.7 between towers 196 & 197	in Corvally Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 340m North East of the proposed OHL.	through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	alignment of the OHL for approx 60m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 340m from yard.	very low and the significance of the residual impact is Imperceptible.
LCT-177A Figure 3.7 between towers 196 & 197	This 0.7 hectare land parcel with a grass enterprise is located in Raferagh Co Monaghan. The sensitivity is low due to small size. There is no yard / farm buildings on this land parcel.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Imperceptible.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 30m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-178 Figure 3.7 between towers 197 & 198	This 8.1 hectare land parcel with a grass enterprise (with yard typically used for beef cattle) is located in Raferagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 100m South West of the proposed OHL.	Disturbance will result from the stringing of tower 197 and associated works including clearing the stringing site, provision of access (approx 540m of temporary access route will be required) and construction of four guarding locations (0.16ha). The disturbance will last approx 14 days. During this time damage will be caused to soil along access tracks and at the stringing site. Trees and hedges may be cut back. Disturbance to livestock can be expected to occur mainly at or near stringing site and along access tracks. Potentially there is a medium – high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The 2 stringing sites will be fenced off for a 1 – 2 week period when the stringing operation is taking place. The temporary area reduction due to construction site and along the new temporary access route is 5.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 210m through the land parcel. There will be residual damage to soil at construction site and at stringing sites; [0.44ha of soil damage = 5.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 100m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-179 Figure 3.7 between towers 197 & 198	This 7.4 hectare land parcel with a beef enterprise is located in Raferagh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 197 and associated works including clearing the site and provision of access (approx 220m of temporary and 110m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 2.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 197 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 310m through the land parcel. There will be restriction on land 34tilization due to presence of tower; [0.023ha at base of tower = 0.31 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.2ha of soil damage = 2.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-180 Figure 3.7 near tower 198	This 13.9 hectare land parcel with a beef enterprise is located in Raferagh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 198 and associated works including clearing the site and provision of access (approx 170m of temporary and 180m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 1.2 % of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 198 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 180m through the land parcel. There will be restriction on land 34tilization due to presence of tower; [0.02ha at base of tower = 0.1% of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.168ha of soil damage = 1.2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-180A Figure 3.7 between towers 198	This 2 hectare land parcel with a grass enterprise is located in Raferagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located	This land parcel is not over-hung by the proposed OHL, however there will one stringing site located on it and a shared acces road will be used during construction. (The nearest boundary of the land parcel is approximately 32 m from the OHL). There will be a low magnitude of disturbance due to approx 180 m of existing access track and approx 90 m of proposed track being used by construction traffic for approx 30 days over a 2 month	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites	There will be residual damage to soil along temporary access route; [0.036ha of soil damage = 1.8% of land parcel]. There is no significant impact on farm buildings and their potential expansion due to location of power	The impact magnitude is very low and the significance of

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
& 199	approx 80m South West of the proposed OHL.	period. Pre mitigation the impact is Slight Adverse.	will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	line 80m from yard.	the residual impact is Imperceptible.
LCT-181 Figure 3.7 between towers 198 & 197	This 3.6 hectare land parcel with a grass enterprise is located in Raferagh Co Monaghan. The sensitivity is medium. There is a small yard / farm buildings located approx 10m South West of the proposed OHL.	The proposed OHL will cross this land parcel. There will be two guarding locations (0.08ha) and access track to facilitate stringing. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The temporary area reduction due to construction site and along the new temporary access route is 2.2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 160m through the land parcel. There will be soil damage along the access route and at the guarding locations; [0.15ha soil damage = 4.2% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium – high impact on old style farm buildings and their potential expansion due to location of power line 10m from yard.	The impact magnitude is high and the significance of the residual impact is Moderate Adverse.
LCT-182 Figure 3.7 near tower 199	This 8.9 hectare land parcel with a beef enterprise is located in Raferagh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 50m North East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 199 and associated works including clearing the site, provision of access (approx 470m of temporary and 100m of existing track will be used) and construction of four guarding locations. The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 4.6% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 199 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 310m through the land parcel. There will be restriction on land 35tilization due to presence of tower; [0.02ha at base of tower = 0.23 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.4ha of soil damage = 4.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 50m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-183A Figure 3.7 near tower 200	This 3.7 hectare land parcel with a grass enterprise is located in Cornalaragh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 80m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-184 & 184A Figure 3.7 between towers 200 & 201	This 20.9 hectare land parcel with a beef enterprise is located in Cornalaragh Co Monaghan. The sensitivity is medium. There are two yards / farm buildings located at approx 120m North East & 90m North East of the proposed OHL.	Disturbance will result from the construction and stringing of towers 200 & 201 and associated works including clearing sites and provision of access (approx 670m of temporary access route will be used). The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected to occur at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction sites and along the new temporary access routes is 2.2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Towers 200 & 201 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 500m through the land parcel. There will be restriction on land 35tilization due to presence of towers; [0.04ha at base of towers = 0.19 % of land area]. There will be residual damage to soil along temporary access routes and at construction sites; [0.46ha of soil damage = 2.2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 90m and 120m from yards.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-185	This 4 hectare land parcel with a grass enterprise is located in	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 550 m of existing shared access track being used by construction	The construction disturbance impact is short term (generally	There will be a very low level of disturbance and an additional safety risk due to the edge	The impact magnitude is

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
Figure 3.7 near tower 201	Cornalaragh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Slight Adverse.	less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	alignment of the OHL for approx 20m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	very low and the significance of the residual impact is Imperceptible.
LCT-186 Figure 3.7 between towers 201 & 202	This 9.7 hectare land parcel with a grass enterprise is located in Cornalaragh Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 70m North East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 202 and associated works including clearing the site, provision of access (approx 240m of temporary and 530m of existing track will be used) and construction of two guarding locations (0.08ha). The construction will last approx 2 weeks over a 4-6 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 2.3% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Towers 202 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 380m through the land parcel. There will be restriction on land 36tilization due to presence of towers; [0.007ha at base of towers = 0.07 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.22ha of soil damage = 2.3% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a very low impact on farm buildings and their potential expansion due to location of power line 70m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-188 Figure 3.7 between towers 201 & 202	This 1.4 hectare land parcel with a beef enterprise is located in Doagh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 20 m from the OHL. There will be a low magnitude of disturbance due to 530 m of existing shared access track being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-189 Figure 3.7 near tower 202	This 4 hectare land parcel with a grass enterprise (some of it cut for hay/silage) is located in Doagh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 202 and associated works including clearing the site and provision of access (approx m of temporary and 530m of existing track will be used). The construction will last approx 2 weeks over a 4-6 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along the new temporary access route is 1.3% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Towers 202 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 110m through the land parcel. There will be restriction on land 36tilization due to presence of towers; [0.014ha at base of towers = 0.35 % of land area]. There will be residual damage to soil at construction site; [0.05ha of soil damage = 1.3% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-190 Figure 3.7 between towers 201 & 202	This 4.2 hectare land parcel with a beef enterprise is located in Doagh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the stringing of tower 203 and associated works including clearing the stringing site and provision of access (approx 80m of temporary and 330m of existing track will be used). The disturbance will last approx 14 days. During this time damage will be caused to soil along access tracks and at the stringing site. The stringing site will be fenced off for a 1 – 2 week period when the stringing operation is taking place. Trees and hedges may be cut back. Disturbance to livestock can be expected to occur mainly at or near stringing site and along access tracks. Potentially there is a medium – high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction along the new temporary access route is 1.7% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a low level of disturbance and an additional safety risk due to the central alignment of the OHL for approx 200m through the land parcel. There will be residual damage to soil along temporary access route and at stringing site; [0.072ha of soil damage = 1.7% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
LCT-191 Figure 3.7 between towers 203 & 204	This 12.8 hectare land parcel with a grass enterprise is located in Doagh Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of towers 203 & 204 and associated works including clearing sites, provision of access (approx 280m of temporary and 380m of existing track will be used) and construction of one guarding location (0.04ha). The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along the new temporary access route is 3% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is medium and the significance is Slight Adverse.	Towers 203 & 204 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 290m through the land parcel. There will be restriction on land 37tilization due to presence of towers; [0.043ha at base of towers = 0.3% of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at tower construction sites and at stringing site; [0.4ha of soil damage = 3% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-192, 192A & 192B Figure 3.7 between towers 204 & 206	This 12.5 hectare land parcel with a beef & horses enterprise is located in Corlea Co Monaghan. The sensitivity is medium. There are two yards / farm buildings located at approx 90m East & 10m West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 205 and associated works including clearing the site, provision of access (approx 270m of temporary and 110m of existing track will be used) and construction of one guarding location (0.04ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 205 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 470m through the land parcel. There will be restriction on land 37tilization due to presence of tower; [0.02ha at base of tower = 0.16 % of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at tower construction site; [0.24ha of soil damage = 2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 10m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-194 Figure 3.7 between towers 205 & 206	This 4.3 hectare land parcel with a beef enterprise is located in Corlea Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 80m East of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. There will be 200m of temporary access track leading to two guarding locations. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. There will be 200m of temporary access tracks leading to 2 guarding locations. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 100m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There will be residual damage to soil along temporary access routes and at guarding locations; [0.1ha of soil damage = 2% of land parcel]. There is a low impact on farm buildings and their potential expansion due to location of power line 80m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-195 Figure 3.7 near tower 206	This 14.1 hectare land parcel with a beef enterprise is located in Corlea Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 140m East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 206 and associated works including clearing the site and provision of access (approx 100m of temporary and 150m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 1% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 206 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 230m through the land parcel. There will be restriction on land 37tilization due to presence of tower; [0.02ha at base of tower = 0.14 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.14ha of soil damage = 1% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 140m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.

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LCT-196 & 196A  Figure 3.7 between towers 206 & 207	This 16.1 hectare land parcel with a dairy enterprise is located in Scalkill Co Monaghan. The sensitivity is high. There is a yard / farm buildings located approx 90m West of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. There will be 120m of temporary access track leading to a guarding location. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. There will be 120m of temporary access tracks leading to 1 guarding location. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 80m through the land parcel. There will be residual damage to soil along temporary access route and at guarding location; [0.05ha of soil damage = 0.3% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a very low impact on farm buildings and their potential expansion due to location of power line 90m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-197  Figure 3.7 near tower 207	This 7.7 hectare land parcel with a beef enterprise is located in Ballaghneram Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 240m South East of the proposed OHL.	Disturbance will result from the stringing of tower 207 and associated works including clearing the stringing site and provision of access (approx 30m of temporary access track will be used). The disturbance will last approx 14 days. During this time damage will be caused to soil along access tracks and at the stringing site. The stringing site will be fenced off for a 1 – 2 week period when the stringing operation is taking place. Trees and hedges may be cut back. Disturbance to livestock can be expected to occur mainly at or near stringing site and along access tracks. Potentially there is a medium – high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction along the new temporary access route is 0.7% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 20m through the land parcel. There will be residual damage to soil along temporary access route and at stringing site; [0.052ha of soil damage = 0.7% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 240m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-198  Figure 3.7 between towers 207 & 208	This 11.3 hectare land parcel with a beef enterprise is located in Scalkill Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of towers 207 & 208 and associated works including clearing sites, provision of access (approx 330m of temporary and 170m of existing track will be used) and construction of one guarding location (0.04ha). The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The stringing site will be fenced off for a 1 – 2 week period when the stringing operation is taking place. The temporary area reduction due to construction sites and along the new temporary access routes is 3.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is medium and the significance is Slight Adverse.	Towers 207 & 208 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 390m through the land parcel. There will be restriction on land 38tilization due to presence of towers; [0.043ha at base of towers = 0.4% of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at construction sites and at stringing site; [0.4ha of soil damage = 3.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-199 & 199A  Figure 3.7 near tower 209	This 12.5 hectare land parcel with a beef enterprise is located in Scalkill Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 330m South East of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 100m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 330m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-200  Figure 3.7 near tower 209	This 8.1 hectare land parcel with a beef enterprise is located in Scalkill Co Monaghan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 209 and associated works including clearing the site and provision of access (approx 150m of temporary and 70m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 209 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 270m through the land parcel. There will be restriction on land 38tilization due to presence of tower; [0.02ha at base of tower = 0.25 % of land area]. There will be residual damage to soil along temporary	The impact magnitude is low and the significance of the residual impact is Imperceptible.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
		access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along the new temporary access route is 2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.		access route and at construction site; [0.16ha of soil damage = 2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	
LCT-201 Figure 3.7 between towers 209 & 210	This 22.2 hectare land parcel with a beef enterprise is located in Scalkill Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 150m North West of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be two guarding locations and 110m of temporary access track on the land parcel to facilitate stringing. There will be a low magnitude of disturbance due to 70 m of existing access track being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. The temporary area reduction along the new temporary access route is 0.4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 230m through the land parcel. There will be damage to soil (0.04ha) along access route and at guarding locations (0.08ha = 0.4% of the land parcel). Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 150m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-202 Figure 3.7 near tower 211	This 18.2 hectare land parcel with a beef enterprise is located in Scalkill Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 120m North West of the proposed OHL.	Disturbance will result from the construction and stringing of towers 210 & 211 and associated works including clearing sites, provision of access (approx 300m of temporary and 180m of existing track will be used) and construction of two guarding locations (0.08ha). The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Towers 210 & 211 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 470m through the land parcel. There will be restriction on land 39tilization due to presence of towers; [0.02ha at base of towers = 0.11 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at construction sites; [0.35ha of soil damage = 2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 120m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-203 & 208A Figure 3.7 near tower 210 Figure 3.8 between towers 215 & 216	This 14.2 hectare land parcel with a beef enterprise is located in Scalkill Co Monaghan & Drumiller Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 130m South East of the proposed OHL in LCT-203 and in LCT-208A there are two yards / farm buildings located at approx 90m North West & one yard a few meters South East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 216 and associated works including clearing the site and provision of access (approx 130m of temporary and 520m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 0.7% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Towers 216 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 420m through the land parcel. There will be restriction on land 39tilization due to presence of towers; [0.018ha at base of towers = 0.13 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.098ha of soil damage = 0.7% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a very low impact on main farm yard and a medium impact on a shed and the potential for expansion due to location of power line 90m from main yard and a few meters from shed.	The impact magnitude is medium and the significance of the residual impact is Slight Adverse.
LCT-204 Figure 3.7 near tower 204	This 8.3 hectare land parcel with a grass enterprise is located in Scalkill Co Monaghan. The sensitivity is medium. There is a yard / farm buildings located approx 100m North West of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the central alignment of the OHL for approx 160m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a very low impact on farm buildings and their potential expansion due to location of power line 100m	The impact magnitude is low and the significance of the residual impact is Imperceptible.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
				from yard.	
LCT-205 Figure 3.8 near tower 212	This 3.3 hectare land parcel with a beef enterprise is located in Lisagoan Co Cavan. The sensitivity is medium. There is no farm yard/building on this land parcel.	Disturbance will result from the construction and stringing of tower ref 212 and associated works including clearing the site, provision of access (approx 280m of temporary access route will be required) and construction of one guarding location (0.04ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The 2 stringing sites will be fenced off for a 1 – 2 week period when the stringing operation is taking place. The temporary area reduction due to construction site and along the new temporary access route is 10% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is medium and the significance is Slight Adverse.	Tower 212 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 130m through the land parcel. There will be restriction on land 40tilization due to presence of tower; [0.023ha at base of tower = 0.7 % of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at construction site and at stringing sites; [0.34ha of soil damage = 10% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-205A & 210 Figure 3.8 near tower 212	This 16.7 hectare land parcel with a beef enterprise is located in Lisagoan & Corlea Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 50m North West of the proposed OHL in LCT-205A and 290m North West of the proposed OHL in LCT-210.	The proposed OHL will cross this land parcel. There will be one guarding location (0.04ha) and access track (50m) to facilitate stringing. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The temporary area reduction along the new temporary access route is 2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a low level of disturbance and an additional safety risk due to the central alignment of the OHL for approx 110m through the land parcel. There will be soil damage along the access route and at the guarding locations; [0.06ha soil damage = 0.3% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on farm buildings and their potential expansion due to location of power line 50m & 290m from yards.	The impact magnitude is medium and the significance of the residual impact is Imperceptible.
LCT-206 Figure 3.8 near tower 213	This 25.1 hectare land parcel with a beef enterprise is located in Lisagoan Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 110m South East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 213 and associated works including clearing the site, provision of access (approx 350m of temporary and 190m of existing track will be used) and construction of five guarding locations. The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 1.4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 213 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 440m through the land parcel. There will be restriction on land 40tilization due to presence of tower; [0.02ha at base of tower = 0.08 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.36ha of soil damage = 1.4% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 110m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-207 Figure 3.8 near tower 215	This 25.5 hectare land parcel with a beef enterprise is located in Lisagoan Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 110m North West of the proposed OHL.	Disturbance will result from the construction and stringing of towers 214 & 215 and associated works including clearing sites, provision of access (approx 940m of temporary access route will be used) and construction of two guarding locations. The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected to occur at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 2.3% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Towers 214 & 215 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 500m through the land parcel. There will be restriction on land 40tilization due to presence of towers; [0.04ha at base of towers = 0.16 % of land area]. There will be residual damage to soil along temporary access routes, at guarding location and at tower and at construction sites; [0.6ha of soil damage = 2.3% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There	The impact magnitude is low and the significance of the residual impact is Slight Adverse.



Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
				is a very low impact on farm buildings and their potential expansion due to location of power line 110m from yard.	
LCT-207A Figure 3.8 near tower 216	This 12.3 hectare land parcel with a grass enterprise is located in Drumiller Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 360m South East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 216 and associated works including clearing the site and provision of access (approx 370m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction site and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along the new temporary access route is 0.4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Towers 216 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 160m through the land parcel. There will be restriction on land 41tilization due to presence of towers; [0.001ha at base of towers = 0.01 % of land area]. There will be residual damage to soil at construction site; [0.05ha of soil damage = 0.4% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 360m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-211 Figure 3.8 near tower 217	This 24.3 hectare land parcel with a beef & sheep enterprise is located in Corlea Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 40m East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 217 and associated works including clearing the site, provision of access (approx 310m of temporary and 110m of existing track will be used) and construction of one guarding location (0.04ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The 2 stringing sites will be fenced off for a 1 – 2 week period when the stringing operation is taking place. The temporary area reduction due to construction site and along the new temporary access route is 1.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	Tower 217 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 290m through the land parcel. There will be restriction on land 41tilization due to presence of tower; [0.023ha at base of tower = 0.1 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site and at stringing sites; [0.34ha of soil damage = 1.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on farm buildings and their potential expansion due to location of power line 40m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-212 Figure 3.8 near tower 218	This 6.1 hectare land parcel with a grass enterprise (some of it cut for hay/silage) is located in Corlea Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 230m West of the proposed OHL.	The proposed OHL will cross this land parcel. There will be three guarding locations (0.037ha) and temporary access tracks (110m) to facilitate stringing. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The temporary area reduction along the new temporary access route is 1.4% of the land parcel area. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the central alignment of the OHL for approx 70m through the land parcel. There will be soil damage along the access route and at the guarding locations; [0.08ha soil damage = 1.4% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 230m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-213 Figure 3.8 between towers 217 & 218	This 4 hectare land parcel with a beef enterprise is located in Corlea Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 60m West of the proposed OHL.	The proposed OHL will cross this land parcel. There will be three guarding locations (0.09ha) and temporary access tracks (80m) to facilitate stringing. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The temporary area reduction and along the new temporary access route is 3% of the land parcel area. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 210m through the land parcel. There will be soil damage along the access route and at the guarding locations; [0.12ha soil damage = 3% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 60m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
LCT-214 Figure 3.8 between towers 218 & 219	This 9 hectare land parcel with a grass enterprise is located in Corlea Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 10m West of the proposed OHL.	Disturbance will result from the construction and stringing of towers 218 & 219 and associated works including clearing sites and provision of access (approx 470m of temporary and 460m of existing track will be used). The construction will last approx 60 days over a 4 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until towers are constructed. Disturbance to livestock can be expected at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 4.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	Towers 218 & 219 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 350m through the land parcel. There will be restriction on land 42tilization due to presence of towers; [0.04ha at base of towers = 0.45 % of land area]. There will be residual damage to soil along temporary access routes and at construction sites; [0.38ha of soil damage = 4.5% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a medium impact on farm buildings and their potential expansion due to location of power line 10m from yard.	The impact magnitude is high and the significance of the residual impact is Moderate Adverse.
LCT-215 Figure 3.8 between towers 218 & 219	This 2.2 hectare land parcel with a grass enterprise is located in Corlea Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 110m West of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 460 m of existing shared access track being used by construction traffic for approx 60 days over a 4 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 60m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 110m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-215A Figure 3.8 near tower 219	This 9.1 hectare land parcel with a grass enterprise (with yard typically used for beef cattle) is located in Cornamagh Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 170m West of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 460 m of existing shared access track being used by construction traffic for approx 60 days over a 4 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 210m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 170m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-216 Figure 3.8 near tower 220	This 12 hectare land parcel with a grass enterprise is located in Corglass Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 120m East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 220 and associated works including clearing the site and provision of access (approx 150m of temporary and 470m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 1.3% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 220 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 330m through the land parcel. There will be restriction on land 42tilization due to presence of tower; [0.02ha at base of tower = 0.17 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.16ha of soil damage = 1.3% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 120m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-217 Figure 3.8 near tower 221	This 18.3 hectare land parcel with a beef & sheep enterprise is located in Corglass Co Cavan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 221 and associated works including clearing the site and provision of access (approx 330m of temporary and 260m of existing track will be used) and two guarding locations. The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray,	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 221 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 340m through the land parcel. There will be restriction on land utilization due to presence of tower; [0.02ha at base of tower = 0.11 % of land area]. There will be residual damage to soil along temporary	The impact magnitude is low and the significance of the residual impact is Slight Adverse.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
		where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 1.2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.		access route, at guarding locations and at construction sites; [0.22ha of soil damage = 1.2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	
LCT-218 Figure 3.8 between towers 221 & 222	This 0.1 hectare yard located is Corglass Co Cavan. The sensitivity is medium/low. There is a yard / farm buildings located approx 50m East of the proposed OHL.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 30 m from the OHL. There will be a low magnitude of disturbance due to 30 m of existing shared access track being used by construction traffic for approx 30 days over a 2 month period Disturbance to livestock may occur near the access track when used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 50m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-219 & 219A Figure 3.8 between towers 221 & 222	This 5 hectare land parcel with a beef enterprise is located in Collops Co Cavan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	The proposed OHL will cross this land parcel. There will be two guarding locations (0.08ha) and access tracks (285m) to facilitate stringing. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The temporary area reduction along the new temporary access route is 4% of the land parcel area. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 120m through the land parcel. There will be soil damage along the access route and at the guarding locations; [0.19ha soil damage = 4% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-220 & 220A Figure 3.8 near tower 222	This 13.8 hectare land parcel with a beef & sheep enterprise is located in Collops Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 190m East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 222 and associated works including clearing the site and provision of access (approx 220m of temporary and 140m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 1.4% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 222 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 400m through the land parcel. There will be restriction on land 43tilization due to presence of tower; [0.02ha at base of tower = 0.14 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.188ha of soil damage = 1.4% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 190m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-221 Figure 3.8 near tower 223	This 8.1 hectare land parcel with a grass enterprise (with yard typically used for beef cattle) is located in Collops Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 80m West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 223 and associated works including clearing the site and provision of access (approx 200m of temporary and 370m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 2.2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 223 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 180m through the land parcel. There will be restriction on land 43tilization due to presence of tower; [0.02ha at base of tower = 0.25 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.18ha of soil damage = 2.2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 80m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-222 Figure 3.8 near tower 224	This 26.2 hectare land parcel with a sheep enterprise is located in Dingin Co Cavan. The sensitivity is medium. There is a yard / farm buildings located	Disturbance will result from the construction and stringing of tower ref 224 and associated works including clearing the site, provision of access (approx 250m of temporary and 790m of existing track will be used) and construction of two guarding locations (0.03ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites	Tower 224 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 300m through the land	The impact magnitude is very low and the significance of

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
	approx 300m East of the proposed OHL.	construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The 2 stringing sites will be fenced off for a 1 – 2 week period when the stringing operation is taking place. The temporary area reduction due to construction site and along the new temporary access route is 1.2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	parcel. There will be restriction on land 44tilization due to presence of tower; [0.023ha at base of tower = 0.09 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site and at stringing sites; [0.3ha of soil damage = 1.2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 300m from yard.	the residual impact is Imperceptible.
LCT-223 Figure 3.8 between towers 224 & 225	This 4.6 hectare land parcel with a sheep enterprise is located in Corrycholman Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 60m North West of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be three guarding locations and access tracks (220m) to facilitate stringing. There will be a low magnitude of disturbance due to 320 m of existing shared access track being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. The temporary area reduction along the new temporary access route is 2.8% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 150m through the land parcel. There will be soil damage along the access route and at the guarding locations; [0.12ha soil damage = 2.8% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 60m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-223A Figure 3.8 near tower 225	This 5.6 hectare land parcel with an equine enterprise is located in Corrycholman Co Cavan. The sensitivity is high. There is a yard / farm buildings located approx 230m South East of the proposed OHL.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 11 m from the OHL. There may be a low magnitude of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL – there will be no other significant impacts. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 230m from yard.	The overall magnitude of impact is very low and the significance of the residual impact is Imperceptible
LCT-224 Figure 3.8 near tower 225	This 5.6 hectare land parcel with a grass enterprise is located in Corrycholman Co Cavan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 225 and associated works including clearing the site and provision of access (approx 160m of temporary access route will be required) and one guarding location. The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 2.9% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 225 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 190m through the land parcel. There will be restriction on land 44tilization due to presence of tower; [0.02ha at base of tower = 0.36 % of land area]. There will be residual damage to soil along temporary access route and at construction sites; [0.164ha of soil damage = 2.9% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-225 & 225A & 225B Figure 3.8 near tower 226	This 18 hectare land parcel with a beef & forestry enterprise is located in Corrycholman Co Cavan. The sensitivity is high (due to forestry). There is a yard / farm buildings located approx 120m South East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 226 and associated works including clearing the site, provision of access (approx 205m of temporary and 390m of existing track will be used) and construction of one guarding location (0.005ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access routes is 1% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 226 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 330m through the land parcel. There will be restriction on land 44tilization due to presence of tower; [0.02ha at base of tower = 0.1% of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.18ha of soil damage = 1% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential	The impact magnitude is low and the significance of the residual impact is Slight Adverse.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
				expansion due to location of power line 120m from yard.	
LCT-226 Figure 3.8 between towers 226 & 227	This 9.6 hectare land parcel with a beef enterprise is located in Leitrim Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 20m South East of the proposed OHL.	The proposed OHL will cross this land parcel. There will be five guarding locations (0.19ha) and temporary access tracks (380m) to facilitate stringing. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The temporary area reduction along the new temporary access route is 3.5% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 280m through the land parcel. There will be soil damage along the access route and at the guarding locations; [0.34ha soil damage = 3.5% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a high impact on farm buildings and their potential expansion due to location of power line 20m from yard.	The impact magnitude is high and the significance of the residual impact is Moderate Adverse.
LCT-228 Figure 3.8 between towers 226 & 227	This 11.9 hectare land parcel with a grass enterprise is located in Muff Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 270m South East of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 140 m of existing adjoining access track being used by construction traffic for approx 30 days over a 2 month period and there may be cutting back of hedge/trees within 30m of the proposed OHL. There will be 30m of temporary access track leading to one guarding location. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 50m through the land parcel. There will be soil damage along the access route and at the guarding location; [0.5ha soil damage = 0.5% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 270m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-229 Figure 3.8 near tower 227	This 6.8 hectare land parcel with a beef enterprise is located in Cordoagh Co Cavan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 227 and associated works including clearing the site and provision of access (approx 140m of temporary access route will be required). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 2.3% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 227 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 180m through the land parcel. There will be restriction on land 45tilization due to presence of tower; [0.02ha at base of tower = 0.29 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.156ha of soil damage = 2.3% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-230 Figure 3.8 between towers 227 & 228	This 9 hectare land parcel with a few donkeys and a cattle enterprise is located in Cordoagh Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 110m South East of the proposed OHL.	The proposed OHL will cross this land parcel. There will be three guarding locations (0.012ha) and temporary access tracks (55m) to facilitate stringing. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The temporary area reduction along the new temporary access route is 1.6% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 150m through the land parcel. There will be soil damage along the access route and at the guarding locations; [0.14ha soil damage = 1.6% of the land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 110m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-231 & 231A Figure 3.8 between towers 228 & 230	This 19.1 hectare land parcel with a beef enterprise is located in Laragh & Cordoagh Co Cavan. The sensitivity is medium. There are two yards / farm buildings located at approx 80m South East & 370m East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 228 and associated works including clearing the site, provision of access (approx 705m of temporary and 170m of existing track will be used) and construction of two guarding locations (0.09ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 228 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 470m through the land parcel. There will be restriction on land 45tilization due to presence of tower; [0.023ha at base of tower = 0.12 % of land area]. There will be residual damage to soil along temporary	The impact magnitude is low and the significance of the residual impact is Imperceptible.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
		are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The 2 stringing sites will be fenced off for a 1 – 2 week period when the stringing operation is taking place. The temporary area reduction due to construction site and along the new temporary access route is 2.9% of the land parcel area. Pre mitigation the impact is Moderate Adverse.		access routes, at guarding locations and at tower construction site and at stringing sites; [0.55ha of soil damage = 2.9% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a very low impact on farm buildings and their potential expansion due to location of power line 80m from yard.	
LCT-232 Figure 3.9 near tower 228	This 7.9 hectare land parcel with an equine & beef enterprise is located in Cordoagh Co Cavan. The sensitivity is high. There is a yard / farm buildings located approx 100m North West of the proposed OHL.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 27 m from the OHL. There may be a low magnitude of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL – there will be no other significant impacts. Pre mitigation the impact is Imperceptible.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 100m from yard.	The overall magnitude of impact is very low and the significance of the residual impact is Imperceptible.
LCT-234 Figure 3.9 between towers 229 & 230	This 32.6 hectare land parcel with a beef enterprise is located in Laragh Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 320m West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 229 and associated works including clearing the site, provision of access (approx 480m of temporary and 390m of existing track will be used) and construction of three guarding locations (0.11ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 1.2% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 229 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 460m through the land parcel. There will be restriction on land 46tilization due to presence of tower; [0.02ha at base of tower = 0.06 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.4ha of soil damage = 1.2% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 320m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-234A Figure 3.9 between towers 229 & 230	This 4.5 hectare land parcel with a sheep enterprise is located in Laragh Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 160m East of the proposed OHL.	This land parcel is not over-hung by the proposed OHL; however the nearest boundary of the land parcel is approximately 3 m from the OHL. There will be a low magnitude of disturbance due to 360 m of existing shared access track being used by construction traffic for approx 60 days over a 4 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There may be a very low level of disturbance due to cutting back of hedgerows/trees within 30m of the proposed OHL. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 160m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-235 Figure 3.9 between towers 230 & 231	This 17 hectare land parcel with a beef enterprise is located in Laragh Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 110m East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 230 and associated works including clearing the site, provision of access (approx 340m of temporary and 750m of existing track will be used) and construction of two guarding locations (0.08ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. The temporary area reduction due to construction site and along the new temporary access route is 1.9% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 230 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the central alignment of the OHL for approx 380m through the land parcel. There will be restriction on land 46tilization due to presence of tower; [0.02ha at base of tower = 0.12 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.32ha of soil damage = 1.9% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a very low impact on farm buildings and their potential expansion due to location of power line 110m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
LCT-235B Figure 3.9 between towers 231 & 232	This 6.4 hectare land parcel with a grass enterprise is located in Corranery Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 380m West of the proposed OHL.	This land parcel will be over-hung by the proposed OHL. There will be a low magnitude of disturbance due to 250 m of existing shared access track being used by construction traffic for approx 60 days over a 4 month period and there may be cutting back of hedgerows/trees within 30m of the proposed OHL. Disturbance to livestock may occur near the access track when it is used by the construction traffic or at site of tree/hedge cutting. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 80m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 380m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-235A Figure 3.9 between towers 231 & 232	This 0.1 hectare land parcel with woodland is located in Corranery Co Cavan. The sensitivity is low. There is no yard / farm buildings on this land parcel.	The proposed OHL will cross this land parcel. Hedges and trees will be cut back under the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Imperceptible.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the centre alignment of the OHL for approx 30m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-236 & LCT-236A Figure 3.9 near tower 231	This 9.9 hectare land parcel with a grass enterprise (with yard typically used for beef cattle) is located in Laragh Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 120m West of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 231 and associated works including clearing the site and provision of access (approx 230m of temporary and 360m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is through/beside a farm yard. The temporary area reduction due to construction site and along the new temporary access route is 1.9% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 231 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 190m through the land parcel. There will be restriction on land 47tilization due to presence of tower; [0.02ha at base of tower = 0.2 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.192ha of soil damage = 1.9% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 120m from yard.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-237 Figure 3.9 between towers 232 & 234	This 38.8 hectare land parcel with a dairy enterprise is located in Corranery & Carrowreagh Co Cavan. The sensitivity is high. There is a yard / farm buildings located approx 60m West of the proposed OHL. An existing high voltage line crosses through the middle of the land parcel.	Disturbance will result from the construction and stringing of towers 232 & 233 and associated works including clearing sites, provision of access (approx 550m of temporary and 710m of existing track will be used) and construction of two guarding locations. The construction approx 60 days over a 4 - 6 month period. During this time damage will be caused to soil along access tracks and at construction sites and hedges and trees may be cut back. The tower construction sites will be fenced off (and unavailable) until will last towers are constructed. Disturbance to livestock can be expected at or Near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher in this case because proposed construction access is shared with other land owners. There is an exiting 220 kv line on this property. The temporary area reduction due to construction site and along the new temporary access route is 1% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is very low and the significance is Imperceptible.	Towers 232 & 233 will be obstacles to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the off-center alignment of the OHL for approx 590m through the land parcel. There will be restriction on land utilization due to presence of towers; [0.04ha at base of towers = 0.01 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction sites; [0.4ha of soil damage = 1% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is a low impact on farm buildings and their potential expansion due to location of power line 60m from yard.  The impact from the proposed OHL on it's own is low but combined with the existing the impact is medium.	The impact magnitude is medium (due to existing and proposed high voltage lines) and the significance of the residual impact is Slight Adverse.
LCT-237A& LCT-237B Figure 3.9 near tower 232	This 5.7 hectare land parcel with a grass enterprise is located in Corranery Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 210m East of the	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 40m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant	The impact magnitude is very low and the significance of the residual

Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
	proposed OHL.			impact on farm buildings and their potential expansion due to location of power line 210m from yard.	impact is Imperceptible.
LCT-237C Figure 3.9 between towers 232 & 233	This 5.9 hectare land parcel with a grass enterprise is located in Corranery Co Cavan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 95m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-240 Figure 3.9 between towers 234 & 235	This 12.8 hectare land parcel with a beef enterprise is located in Carrowreagh Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 320m West of the proposed OHL.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 80m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 320m from yard.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-240C Figure 3.9 near tower 235	This 5.5 hectare land parcel with a beef enterprise is located in Clonturkan Co Cavan. The sensitivity is medium. There is a yard / farm buildings located approx 270m East of the proposed OHL.	Disturbance will result from the construction and stringing of tower ref 235 and associated works including clearing the site and provision of access (approx 290m of temporary and 20m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 3.9% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 235 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 170m through the land parcel. There will be restriction on land 48tilization due to presence of tower; [0.04ha at base of tower = 0.73 % of land area]. There will be residual damage to soil along temporary access route and at construction site; [0.216ha of soil damage = 3.9% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 270m from yard.	The impact magnitude is low and the significance of the residual impact is Imperceptible.
LCT-240B Figure 3.9 between towers 235 & 236	This 5.6 hectare land parcel with a beef enterprise is located in Clonturkan Co Cavan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	Disturbance will result from the construction and stringing of tower ref 236 and associated works including clearing the site, provision of access (approx 290m of temporary access route will be required) and construction of four guarding locations (0.16ha). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where access to land is restricted or if disease precautions are not adhered to. The temporary area reduction due to construction site and along the new temporary access route is 6.7% of the land parcel area. Pre mitigation the impact is Moderate Adverse.	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Slight Adverse.	Tower 236 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a low level of disturbance due to the off-center alignment of the OHL for approx 390m through the land parcel. There will be restriction on land 48tilization due to presence of tower; [0.02ha at base of tower = 0.35 % of land area]. There will be residual damage to soil along temporary access routes, at guarding locations and at tower construction site; [0.37ha of soil damage = 6.7% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is low and the significance of the residual impact is Slight Adverse.
LCT-241 Figure 3.9 between towers 234 & 236	This 30.7 hectare land parcel with a beef enterprise is located in Clonturkan & Corranery Co Cavan. The sensitivity is medium. There are two yards / farm buildings located at approx 290m West & 330m East of the proposed OHL. An existing high voltage line crosses through the	Disturbance will result from the construction and stringing of tower ref 234 and associated works including clearing the site and provision of access (approx 440m of temporary and 650m of existing track will be used). The construction will last approx 30 days over a 2 month period. During this time damage will be caused to soil along access tracks and at the construction site and hedges and trees may be cut back. The tower construction site will be fenced off (and unavailable) until it is constructed. Disturbance to livestock can be expected to occur mainly at or near construction sites and along access tracks. Potentially there is a medium-high magnitude of impact to the enterprise where cattle are disturbed and allowed to stray, where land drainage is damaged, where	The construction disturbance impact is short term (generally less than 12 months). Land area reductions along access tracks and construction sites will last up to 36 months. The magnitude of construction impact is low and the significance is Imperceptible.	Tower 234 will be an obstacle to farm machinery and OHL will be an additional safety risk. There will be a very low level of disturbance due to the edge alignment of the OHL for approx 340m through the land parcel. There will be restriction on land 48tilization due to presence of tower; [0.02ha at base of tower = 0.07 % of land area]. There will be residual damage to soil along temporary access route	The impact magnitude is medium and the significance of the residual impact is Slight Adverse (after taking



Land Parcel Id & Location	Land parcel description	Potential Construction Impacts - without mitigation (the distance from OHL assumes that the outer conductors are 10m from the centre-line)	Potential Construction Impacts - with mitigation (see footnote 1)	Operational Phase Impacts -- with mitigation (see footnotes 1 & 2)	Residual Impact
	middle of the land parcel.	access to land is restricted or if disease precautions are not adhered to. The potential for disturbance is higher here because construction access is shared and goes through/beside a farm yard. There is an exiting 220 kv line on this property. The temporary area reduction due to construction site and along the new temporary access route is 0.9% of the land parcel area. Pre mitigation the impact is Moderate Adverse.		and at construction site; [0.276ha of soil damage = 0.9% of land parcel]. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops. There is no significant impact on farm buildings and their potential expansion due to location of power line 290m from yard.  The impact from the proposed OHL on its own is low but combined with the existing the impact is medium.	into account the existing 110 kv OHL).
LCT-242 Figure 3.9 near tower 242	This 3.6 hectare land parcel with mainly rough grazing/boggy land is located in Carrowreagh Co Cavan. The sensitivity is very low. There is no yard / farm buildings on this land parcel.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. Pre mitigation the impact is Imperceptible.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the off-center alignment of the OHL for approx 160m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
LCT-243 Figure 3.9 between towers 235 & 236	This 5.5 hectare land parcel with a beef enterprise is located in Clonturkan Co Cavan. The sensitivity is medium. There is no yard / farm buildings on this land parcel.	The proposed OHL will cross this land parcel. Hedges and trees may be cut back within 30m of the OHL. During the stringing operation a worker will cross the land and pull through a guide rope for the conductors. The potential construction impact is very low. Disturbance to livestock may occur near the access track when used by the construction traffic. Pre mitigation the impact is Slight Adverse.	The construction disturbance impact is short term (generally less than 12 months). The magnitude of construction impact is very low and the significance is Imperceptible.	There will be a very low level of disturbance and an additional safety risk due to the edge alignment of the OHL for approx 100m through the land parcel. Potential reduction in hedge height/shelter will not have a significant impact on livestock or crops.	The impact magnitude is very low and the significance of the residual impact is Imperceptible.
The Construction Materials Storage Yard	This is a 1.4 hectare plot of land which is an out lying field of a dairy farm located adjoining the N2 south of Carrickmacross. There are no farm buildings. This field was used as a construction compound for the N2 road construction project and is currently a grass field.	The top soil will be stripped back and replaced with a hard core surface. There will be construction traffic throughout the 36 month construction period. There is the potential for soil and water contamination due to spillages of fuels or materials.	The magnitude of construction impact is high and the significance is Moderate Adverse.	Following completion of the construction the top soil will be re instated and the field can be used for agriculture again. There will be long term soil compaction at the site due to machinery and storage of materials.	The impact magnitude is medium - high and the significance of the residual impact is Moderate Adverse.

Footnote 1: The relevant mitigation measures specified in **Volume 3C, Chapter 3, Section 3.6** are adhered to with each land owner.

Footnote 2: Permanent disturbance impacts include; ESB routine maintenance, annual helicopter inspections, maintenance of hedge and tree clearances under the OHL, towers are a physical obstacle to machinery operations and may harbour weeds, OHLs are an additional safety risk. Residual damage to soil is predicted to last approximately 5 - 10 years. Temporary access tracks are assumed to be 4m wide.