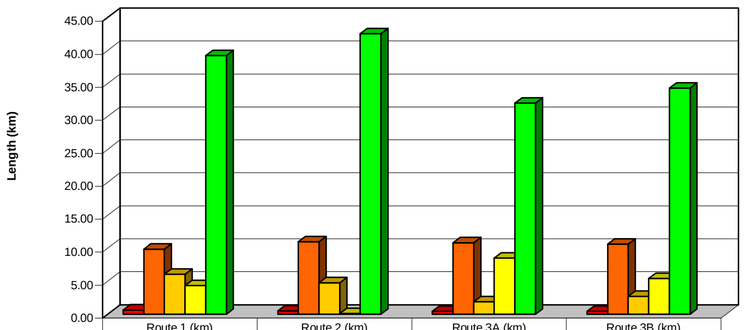
Kingscourt
Proposed Substation Study Area

ROUTE 1
ROUTE 2
ROUTE 3A
ROUTE 3B
ROUTE 3A / 3B

Woodland
Existing Substation

EXISTING

Route Classification Summary



Classification	Route 1 (km)	Route 2 (km)	Route 3A (km)	Route 3B (km)
Very High	0.62	0.50	0.41	0.44
High	9.86	10.99	10.81	10.60
Medium	6.06	4.74	1.88	2.68
Med-Low	4.31	0.11	8.48	5.41
Low	39.20	42.53	31.99	34.30
Total	63.03	58.87	53.56	53.42

Note: Total length for Route 1 includes 2.97km of existing 400kV overhead line which has not been classified.

LEGEND

- Study Area: 400kV Power Line Route
- Study Area: Proposed New Substation
- Existing Substation Location

Classification of Route Sensitivity

- Very High
- High
- Medium
- Medium-Low
- Low
- Existing 400kV line (not classified)

NOTE: Thickness of line not to scale. Actual Route Corridor used to classify Route Options is 20 metres wide.

Heritage Sites- Architectural and Archaeological

Impact
- Very High
- High
- Medium
- Low

Landscapes Sensitive to Visual Impact

- Driving Routes- High Sensitivity
- Walking / Cycling Paths- High Sensitivity
- Proposed Walking / Cycling- Medium Sensitivity
- Vulnerable Landscapes- Very High Sensitivity
- Scenic Views- Very High Sensitivity
- Landmarks- High Sensitivity
- Scenic Views- High Sensitivity
- Scenic Views- Medium Sensitivity
- Scenic Views- Low Sensitivity

Subsoils

Peats
- Blanket Peat
- Fen Peat
- Cut / Cutover Peat

Bedrock at Surface
- Rock
- Karstified Rock

Designated Conservation Areas

- SPA
- NHA or pNHA
- cSAC

Building Location (with 60m Buffer)

- Commercial Address
- Residential Address (or both)
- Unknown if Residential or Commercial
- Church, School, or Nursing Home
- Urban Area / GeoDirectory not required

Scale @ A1: 1:75,000

0 0.5 1 2 3 4 5
Kilometres

Issue	Date	Description	By	Chkd.
A	09-05-07	Report Issued to EirGrid	S.K.	M.H.

NOTES

1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
2. DISCOVERY SERIES TILES USED: OS2628, OS2828, OS3028, OS2626, OS2826, OS3026, OS2624, OS2824, OS3024
3. ALL LEVELS RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD
4. BUILDING LOCATIONS SOURCED FROM GEODIRECTORY
5. SUBSOILS DATA SOURCED FROM TEAGASC
6. LANDSCAPES AND SCENIC VIEW AREAS DETERMINED BY SCOTT WILSON BASED ON COUNTY DEVELOPMENT PLANS AND FIELD WORK
7. HERITAGE LOCATIONS AND IMPACT SENSITIVITY DETERMINED BY MOORE GROUP BASED ON RMP, NATIONAL MONUMENT, AND ARCHITECTURAL HERITAGE DATA (NIAH AND RPS)
8. DESIGNATED CONSERVATION AREAS DATA SOURCED FROM NPWS

Client: EIRGRID

Project:

CONSTRAINTS REPORT:
KINGSCOURT TO WOODLAND
400kV OVERHEAD LINE ROUTES

Title:

KINGSCOURT TO WOODLAND

COMBINED CONSTRAINTS MAPPING AND CLASSIFIED ROUTE OPTIONS

Prepared by:	Checked:	Date:
S. Knight	M. Hogan	May 2007

Project Director: Ciaran O'Keeffe

soluziona

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2990-KW Figure: 11.2 Issue: A

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