



White Hill Wind Farm Electricity
Substation & Electricity Line

Environmental Impact Assessment Report

Annex 5.6: Bat Roosts

White Hill Wind Limited

Galetech Energy Services

Clondargan, Stradone, Co. Cavan Ireland

Telephone +353 (0)49 555 5050

www.galetechenergyservices.com



1.0 Details of Potential Bat Roosts Recorded During Field Survey

For each potential roost feature (PRF), a description is provided along with an assessment of the suitability of the PRF for bats.

1.1 PRF 1

- Type: tree
- Species: oak *Quercus robur*
- No. potential entrances: two (one tear out and one knothole)
- Diameter of stem or limb where PFF(s) present: c. 1 m
- Height of PRF(s): 4 and 5 m, respectively
- Size of PRF(s): small, limited space for bats
- Connectivity: forms part of a treeline that connects to other blocks of woodland
- PRF suitability: PRF-I (tree only suitable for individual bats or very small numbers of bats due to size)

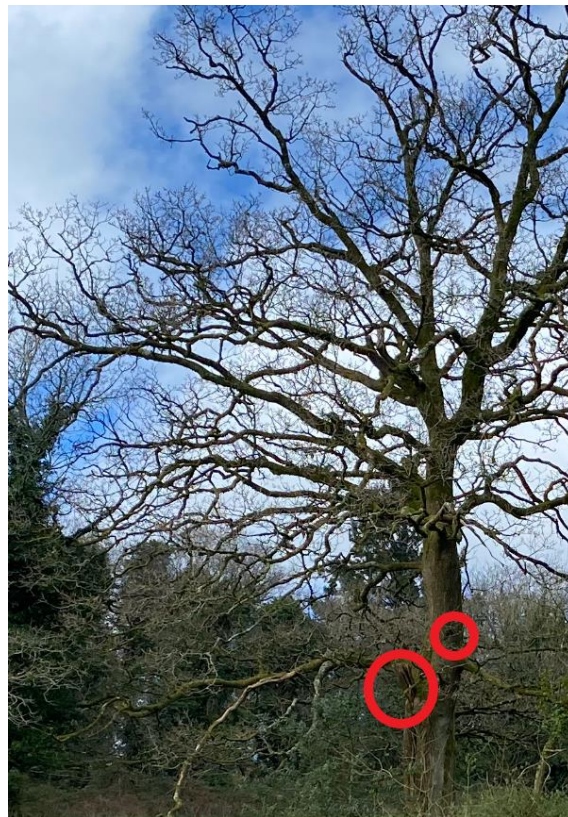


Figure 1: PRF 1 Oak (photo taken during scoping survey in March)

2.1 PRF 2

- Type: tree
- Species: black poplar *Populus nigra*
- No. potential entrances: none, ivy covering
- Diameter of stem or limb where PFF(s) present: N/A
- Height of PRF(s): N/A
- Size of PRF(s): limited space for bats underneath ivy
- Connectivity: forms part of a treeline
- PRF suitability: PRF-I (tree only suitable for individual bats or very small numbers of bats due to ivy covering and lack of suitable holes / crevices)



Figure 2: PRF 2 Poplar

3.1 PRF 3

- Type: tree
- Species: black poplar *Populus nigra*
- No. potential entrances: two (one knot hole and one tear out), ivy covering
- Diameter of stem or limb where PFF(s) present: c. 50 cm
- Height of PRF(s): c. 15 m
- Size of PRF(s): small, limited space for bats underneath ivy
- Connectivity: forms part of a treeline
- PRF suitability: PRF-I (tree only suitable for individual bats or very small numbers of bats due to ivy covering and small size of holes / crevices)



Figure 3: PRF 3 Poplar

4.1 PRF 4

- Type: tree
- Species: oak
- No. potential entrances: none, ivy covering
- Diameter of stem or limb where PFF(s) present: N/A
- Height of PRF(s): N/A
- Size of PRF(s): limited space for bats underneath ivy
- Connectivity: forms part of a treeline
- PRF suitability: PRF-I (tree only suitable for individual bats or very small numbers of bats due to ivy covering and lack of suitable holes / crevices)



Figure 4: PRF 4 Oak

5.1 PRF 5

- Type: tree
- Species: ash *Fraxinus excelsior*
- No. potential entrances: three (two knot holes and one tear out), ivy covering
- Diameter of stem or limb where PFF(s) present: c. 40 cm
- Height of PRF(s): c. 8 m
- Size of PRF(s): small with limited space for bats
- Connectivity: forms part of a treeline
- PRF suitability: PRF-I (tree only suitable for individual bats or very small numbers of bats due to ivy covering and small size of suitable holes / crevices)



Figure 5: PRF 5 Ash

6.1 PRF 6

- Type: structure
- Details: farm building
- No. potential entrances: open door and windows
- Size of PRF(s): appeared to be tiled roof, but building quite open so not much shelter
- Connectivity: some hedgerow nearby but not well-connected
- PRF suitability: low (only suitable for individual bats or very small numbers of bats due to general lack of connectivity and open nature of building)



Figure 6: PRF 6 Farm Building

7.1 PRF 7

- Type: structure

- Details: farm building
- No. potential entrances: not clear as could not be surveyed as on private land
- Size of PRF(s): appeared to have corrugated roof, so unlikely to be space for roost of high conservation status
- Connectivity: near some hedgerow but not obviously well-connected
- PRF suitability: low as precaution (likely only suitable for individual bats or very small numbers of bats due to general lack of connectivity and open nature of building)



8.1 PRF 8

- Type: collection of trees
- Species: ash *Fraxinus excelsior*
- No. potential entrances: two (two knot holes), dead ivy covering
- Diameter of stem or limb where PRF(s) present: c. 10 cm
- Height of PRF(s): c. 6 m
- Size of PRF(s): small with limited space for bats
- Connectivity: forms part of a woodland
- PRF suitability: PRF-I (tree only suitable for individual bats or very small numbers of bats due to ivy covering and small size of suitable holes / crevices)



9.1 PRF 9

- Type: structure

- Details: farm building with corrugated roof associated with small stone building
- No. potential entrances: likely there are some entrances within the stone building including slate roof tiles; no obvious entrances for the structure with the corrugated roof
- Size of PRF(s): main structure with corrugated roof lacked sufficient space for roost of high conservation status; open nature of building afforded little shelter. Smaller stone structure could have some potential for roosting bats, but likely to be limited to a few individuals at most in an opportunistic fashion
- Connectivity: near hedgerow and trees
- PRF suitability: low as precaution for the stone building (open nature of buildings affords little shelter; most likely to afford opportunistic roosting potential to a small number of individual bats); and negligible for corrugated roofed shed owing to lack of obvious features on site that could be used by roosting bats
- No photo was taken.

