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| <b>To:</b>     | Dylan Campbell (Masdar)                                                   |
| <b>Cc:</b>     | Alex Inglis (Masdar), James Graham (Masdar), Camilla Fisher (Tetra Tech)  |
| <b>From:</b>   | Jo Atkinson                                                               |
| <b>Date:</b>   | 13 <sup>th</sup> July 2026                                                |
| <b>Subject</b> | SMD/2025/0354 - Leek Road BESS, Ecology issues – Bat Survey Progress Note |

Tetra Tech Consulting Limited ('Tetra Tech') has prepared this memo on behalf of Masdar Arlington Energy to summarise the progress on the bat surveys undertaken to date at the Leek Road proposed BESS site.

To date, two periods of remote static detector deployment have been undertaken in May and June 2026, and one of the three seasonal NBWs has been completed (in May 2026). The May 2026 survey data have been analysed, and a summary of the results is provided in Table 2. Static detectors were placed at two strategic locations; location 1 (within easternmost field) and location 2 (in hedgerow along southern boundary).

A brief summary of the results for May is provided below:

- Static location 1 recorded very low numbers of common bat species, with records limited to mainly common pipistrelle and a small number of passes (single numbers) by brown long-eared and noctule.
- Static location 2 recorded a greater number of passes by common bat species with records dominated by common pipistrelle passes.
- Common pipistrelle was the only species recorded using the Site during the May NBW.

The surveys to date have identified that the southernmost boundary of the Site is used by good numbers of foraging/ commuting bats. As this boundary will be retained in its entirety, the implementation of mitigation to accommodate a buffer between this habitat and the built development, and to minimise light spill during operation through sensitive lighting design, is considered appropriate to adequately mitigate any potential disturbance impacts.

Tetra Tech Leeds, 3 Sovereign Square, Sovereign Street, Leeds, United Kingdom, LS1 4ER

**Tel** 07763 208583 **Email** [jo.atkinson@tetratech.com](mailto:jo.atkinson@tetratech.com)

Tetra Tech Consulting Limited. Registered in England: No.01470149  
Registered Office: 101 Park Drive, Milton Park,  
Abingdon, Oxfordshire, England, OX14 4RY

**Table 1: Survey progress and planned timetable**

| Month          | Remote Static Detector Deployment | Night-time Bat Walkover (NBW) |
|----------------|-----------------------------------|-------------------------------|
| May 2026       | Completed 27 May – 31 May         | Completed 27 May              |
| June 2026      | Completed 24 June – 30 June       |                               |
| July 2026      | Scheduled for 21 July             | Scheduled for 28 July         |
| August 2026    | Not yet scheduled                 |                               |
| September 2026 | Not yet scheduled                 | Not yet scheduled             |
| October 2026   | Not yet scheduled                 |                               |

**Table 2: Summary of May 2026 bat surveys**

| Species             | Average passes per night                       |                                                | Total records                 |
|---------------------|------------------------------------------------|------------------------------------------------|-------------------------------|
|                     | Remote Static Detector Deployment @ Location 1 | Remote Static Detector Deployment @ Location 2 | Night-time Bat Walkover (NBW) |
| Common pipistrelle  | 14.6                                           | 587                                            | 17                            |
| Soprano pipistrelle | 0                                              | 1                                              | 0                             |
| Brown long-eared    | 0.2                                            | 0.4                                            | 0                             |
| Noctule             | 1.4                                            | 0.8                                            | 0                             |
| Noctule sp.         | 0.2                                            | 0.8                                            | 0                             |
| Leisler's           | 0                                              | 0.4                                            | 0                             |
| <i>Myotis</i> sp.   | 0                                              | 26.2                                           | 0                             |