



DAP1916 - Statement of Need

Tracking Code: WGBJ4YR

BEFORE YOU BEGIN

Please ensure the contents of CAP 1616 Appendix A are referred to prior to completing this form. *

TYPE OF CHANGE

1. Category of Airspace Change

Does your proposal concern Changes to Notified Airspace Design or Planned and Permanent Redistribution of Air Traffic? *

Changes to Notified Airspace Design Planned and Permanent Redistribution of Air Traffic

Have you previously submitted a Statement of Need?

Please enter a title for this intended change, (max 80 characters): *

Aviation Detection Lighting System (ADSL) TMZ at Mark Hill Wind Farm

2. Title of proposal

Which of the following categories is the proposal being progressed under? *

Permanent Temporary Trial

SPONSOR

3. Change Sponsor Details

Please select the appropriate category and complete. *

- A Company
 An Unincorporated Association or other body
 Individual (including sole traders and partnerships)

3a. A Company

Registered Company name (in full) *

ScottishPower Renewables (UK) Ltd

Registered Company Number

N128425

Trading Address (primary site)

Trading name (if applicable)

ScottishPower Renewables Ltd

E-mail

Postcode

BT1 3LP

Registered Office Address

The Soloist, 1 Lanyon Place, Belfast

Country of Company Registration

United Kingdom

Country

Postcode

Mobile Number (for Airspace Portal) *

Email *

Confirm Email *

Telephone *

Requires Airspace Portal Access ?

Primary Point of Contact Name *

Website address

Additional Contacts

You can add up to 4 additional contacts

+ Add Contact

STATEMENT OF NEED

Independent Aviation/Airspace Consultancy

Is an Independent Aviation/Airspace Consultancy involved in this proposal?

Aviation Consultancy

Registered Company name (in full) *

Cyrrus Ltd

Registered Company Number

06455336

Country of Company Registration

United Kingdom

Registered Office Address

Cyrrus House, Concept Business Court, Allendale Road, Thirsk

Postcode

YO73NY

Telephone

Trading name (if applicable)

Trading Address (primary site)

Country

Postcode

Website address

Primary Point of Contact Name *

Primary Contact

Should the CAA use the Independent Consultancy as the primary point of contact for this airspace change proposal?

Requires Airspace Portal Access ?

Telephone *

Mobile Number (for Airspace Portal) *

E-mail *

Additional Contacts

You can add up to 4 additional contacts

+ Add Contact

Statement of Need

Please provide a brief 'Statement of Need' clearly explaining what the current/existing situation is and what issue or opportunity this proposal is seeking to address.

Further information can be found in CAP1616 *

As part of the planning process, ScottishPower have proposed a condition for their Clauchrie Windfarm which relies on an Aviation Detection Lighting System (ADLS) to minimise the impact of aviation lighting on the visual landscape. Clauchrie is located on the edge of the Dark Skies Park in Southwest Scotland and Nature Scotland have raised concern about the visual impact of aviation lighting.

The ADLS proposed depends on aircraft flying in the vicinity of the windfarm to be equipped with Electronic Conspicuity (EC) to activate the system. Current windfarm lighting systems require a system of hazard lighting which is lit during the hours of darkness and can cause adverse visual effects in areas of sensitivity such as designated dark skies areas. ADLS enables the windfarms to identify approaching aircraft and only activate the lighting whilst the aircraft is the vicinity, deactivating once the aircraft has left the vicinity of the windfarm, significantly reducing the visual impact.

As this would be a first of type in the UK, SPR wish to undertake a trial of the technology at their existing Mark Hill windfarm in Southwest Scotland

The Airspace Change Process (CAP1616) should be initiated in order to manage the development of airspace options required to enable EC dependent ADLS to be deployed for the trial at Mark hill windfarm.

Five-Letter Name Codes (5LNC)

Does this request solely concern the reservation of new Five-Letter Name Codes (5LNC) in advance of a future proposal?

Secretary of State for Transport's priorities

Is the proposal being progressed under any of the priorities set by the Secretary of State for Transport or any other CAA priority such as safety or national security?

Airspace Modernisation Strategy *

Is the proposal supporting the delivery of the Airspace Modernisation Strategy? If not, please use the text box below to explain how the proposal is not inconsistent with the Airspace Modernisation Strategy

This is for a trail TMZ associated with ScottishPower Ltd windfarms programme of work.

Additional Information

Please use the box below to add any further information which the CAA should be aware of when considering this submission (for example dependencies on other airspace change proposals, proposed operating date(s) and/or funding deadlines)

SUBMISSION INSTRUCTIONS

Submission

Your form has been successfully submitted. Please keep a copy of this acknowledgement for your records.

Date and Time:

30 Jan 2023 12:44:38 PM

Application Submission Number:

DAP1916V2-655

Please note that the Airspace Regulation team will contact you to acknowledge receipt of your Statement of Need and to confirm the unique ACP reference number (ACP-YYYY-NNN) allocated to this submission. Following receipt of your unique ACP reference number, you will be required to create an associated airspace change proposal on the **CAA's Airspace Change Portal** (<https://airspacechange.caa.co.uk/>). Please refer to CAP 2385 Airspace Change Portal Important Information Guide.

Given the high number of new airspace change proposals (ACP), together with those proposals which are already in the system, it is possible that the proposal may not be assigned to a Technical Regulator/Account Manager immediately following submission of the Statment of Need. New proposal are allocated on a first come first served basis, unless the proposal is directly related to safety or national security matters, or as directed by the Secretary of State for Transport's priorities.

Once your submission has been assigned to an Account Manager/Case Officer, arrangements will be made for you to attend an Assessment Meeting. One of the key outputs from this meeting will be an indicative timeline for the proposed PPR. For Permanent changes, to enable the CAA to consider your proposed timescales, you will be expected to present dates for the following milestones at the Assessment Meeting:

- DEFINE Gateway
- DEVELOP & ASSESS Gateway
- CONSULT Gateway
- Formal Airspace Change Proposal Submission
- Target AIRAC

The CAA holds Gateway Assessment Meetings on a monthly basis and the annual schedule is published on the **CAA's airspace change portal** (<https://airspacechange.caa.co.uk/about-airspace-change/>).

Finally, you should also note that from September 2018 any amendments submitted by a Data Originator or ANSP for onward promulgation in the UK IAIP will be subject to the Aeronautical Data Quality Requirements. See Regulation (EU) No. 73/2010 as retained (and amended in UK domestic law) under the European Union (Withdrawal) Act 2018 and **CAP 1054: Aeronautical Information Management** (<https://publicapps.caa.co.uk/modalapplication.aspx?appid=11&mode=detail&id=6808>) guidance material for further information. These requirements will be discussed in greater details during the course of your intial meeting with the CAA.

When you have completed this form, click this button to submit the form for processing. Do not click this button more than once. You will then be provided with further instructions.