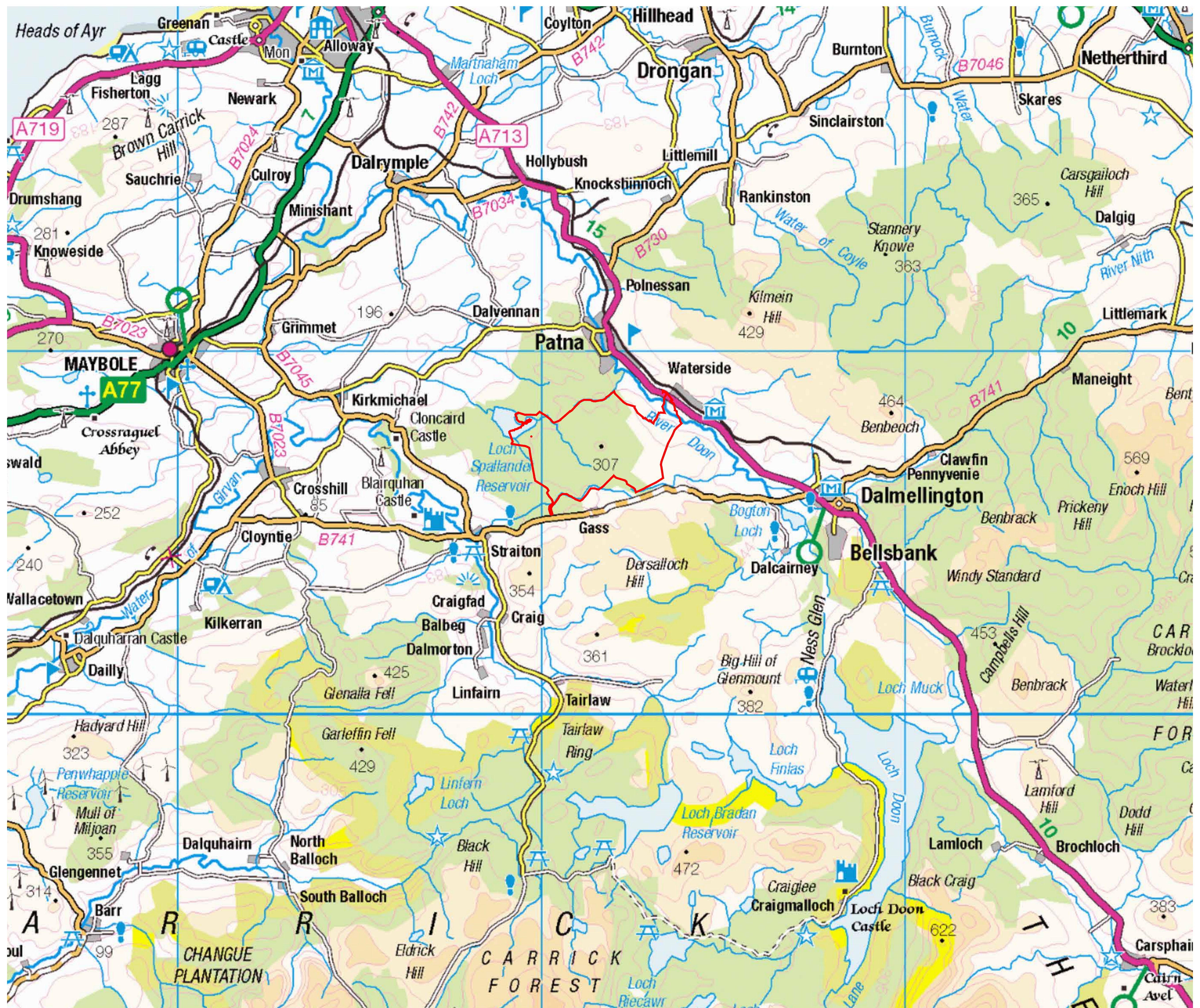


About the project

Site Location

RES is exploring the potential for a wind farm at Scienteuch, approximately 3km south west of Patna. The map below shows the site location.

— Site boundary



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Project Overview

We’re progressing the design of a scheme using modern, efficient turbines capable of maximising the potential clean, green electricity from the site. The proposed turbines at Scienteuch are located slightly further west of an earlier 17-turbine project called Keirs Hill. We believe this will help to reduce the visibility of the scheme.

The wind farm is likely to have an installed capacity of up to 54 megawatts (MW) and will be capable of providing renewable electricity for around 50,000 homes¹. The renewable electricity will also support the Scottish Government target of generating 50% of Scotland’s overall energy consumption from renewable sources by 2050.

¹The homes figure has been calculated by taking the predicted annual electricity generation of the site (based on RES assessments Scienteuch has a predicted capacity factor of 42%) and dividing this by the annual average electricity figures from the Department of Business, Energy and Industrial Strategy (BEIS) showing that the annual UK average domestic household consumption is 3,578 kWh (Dec 2020).