

4<sup>th</sup> December 2023

Dear John and Huw

**Re: Calculation for Mona Offshore Wind ,**

Enclosed is the gross margin for the milking cows year ending March 24 which taken from the trading profit and loss year ending March 24.

The calculations are for the impact of the proposed route of the power cables over the land at Bryn Hen farm Route A.

**Herd size 340 head**

The land area which the milking herd will be unable to access totals 25.40 ha  
The established grazing platform year on year is 82ha which has all of the infrastructure of cow tracks and water troughs in place, the stocking rate on this platform from March to November is 340 head.

There is no alternative to graze other grassland as non exists and the milk buyer would not accept summer housing due to the milk contract and management rules.  
The herd at Bryn Hen are bred for producing milk from grazed grass and this is their advantage over other breed types.

The 25.40ha loss would equate to 31% of the grazing land and 105 milking cows.

The business would not consider purchasing cows after the project was completed it is on herd health criteria a closed herd and has been for over ten years. The replacement of these cows would take 3 years in the planning and rearing.

**Walking Distance**

The existing herd would have to be walked to other grassland some distance away which would require extra man hours to take and bring back.

There will be an effect on milk yield walking the cows longer distances.

## **Impact on day to day**

The impact of the proposed route on the farming operations with cows walking alongside working machines and the day to day running of the farm would be highly stressful for Huw and John and should not be underestimated.

There would be a need for crossover points fully secure and available 24 hours.

What would be the effect on herd health and fertility which is crucial and is an unknown quantity but would have to be measured and quantified. Herd fertility has a significant impact on profitability.

The Route A has running through the fields the main water supply to all troughs to the furthest point, off cuts from the main to numerous field troughs, an electric cable running through field SH9972 9281.

The following is the alternative route and its effect on the herd.

### **Route B**

Route B through fields

SH9973 0343

SH9973 4537

SH9973 8127

SH9973 9728

SJ0073 3714

The estimated land loss is 12.48ha or 15.21% of the grazing platform which is 52 cows

There would be no increase in walking time.

The impact of route B on the day to day herd and farm management would be significantly less as the cows would not have to approach the working site and night time grazing would not be lost and it would not affect the day to day running of the farm.

Yours sincerely

Andrew Hawkins,  
Promar International