

Belfitt, Richard

From: Edmondson, John
Sent: 12 September 2022 11:02
To: Belfitt, Richard
Subject: FW: Query: Geothermal borehole array [2]

Highgate efficiencies.

John Edmondson
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From: Chris Davidson <cd@geniusenergylab.com>
Sent: 19 July 2022 13:01
To: Edmondson, John <john.edmondson@aeacom.com>; Duncan Rae <dr@geniusenergylab.com>; Gomes, Daniel <Daniel.Gomes@aeacom.com>
Cc: Au, Jake <jake.au@aeacom.com>
Subject: [EXTERNAL] RE: Query: Geothermal borehole array [2]

Hi John,

That's great, thanks for confirming. I'd hope to improve a little on the three numbers below, but they are realistic for now. As ever if you need anything else, don't hesitate to let us know.

Best of luck with the return to Uni Danny!

All the best,

Chris



Chris Davidson
Chief Technical Officer

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And [Email Policy](#)

From: Edmondson, John <john.edmondson@aeacom.com>
Sent: 19 July 2022 12:45
To: Duncan Rae <dr@geniusenergylab.com>; Gomes, Daniel <Daniel.Gomes@aeacom.com>
Cc: Chris Davidson <cd@geniusenergylab.com>; Au, Jake <jake.au@aeacom.com>
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We wont have updated loads until we build a proper HGHL model when we pick up design proper again, which is likely to be next year for Dyne House and year after for RMC.

Currently were using the following SCOP's in our Part L model, which is passing, and we have options to improve elsewhere once we get back into design proper and 'make it work', so could simply be advice if these are not beyond the realms of possibility. Personally I'd hope to better though:

- Heating: 3.5
- Cooling: 5
- DHW: 2.86

Let me know what you think.

FYI I'm cc'ing in Jake who will be taking over from Danny as he goes back to uni.

Regards

John Edmondson
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From: Duncan Rae <dr@geniusenergylab.com>
Sent: 19 July 2022 12:10
To: Edmondson, John <john.edmondson@aecon.com>; Gomes, Daniel <Daniel.Gomes@aecon.com>
Cc: Chris Davidson <cd@geniusenergylab.com>
Subject: [EXTERNAL] RE: Query: Geothermal borehole array [2]

Hi John,

We can do some performance modelling for you to take it forward. Do you have any update to the loads?

Best regards,
Duncan



Duncan Rae
Business Development
Director

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From: Edmondson, John <john.edmondson@aecon.com>
Sent: 18 July 2022 15:33
To: Duncan Rae <dr@geniusenergylab.com>; Gomes, Daniel <Daniel.Gomes@aecon.com>
Cc: Chris Davidson <cd@geniusenergylab.com>
Subject: RE: Query: Geothermal borehole array [2]

Afternoon Duncan,