

## Frazer Hickling

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**Subject:** FW: FW: Land adj to 1 Ellerdale Road (2015/6843/P)

**From:** Joanna Peacock [mailto:joanna@eightassociates.co.uk]

**Sent:** 29 April 2016 17:22

**To:** Jon BT

**Subject:** Re: FW: Land adj to 1 Ellerdale Road (2015/6843/P)

Hi Jon,

Our energy modeller has run a few iterations to see how we can respond to the Council and reduce the number of PV.

### 2 storey basement

In the case of two basement floors the Energy Strategy specifies a 3.27kWp system (10 high efficient PV panels) and a reduction in carbon emissions of 41.2%. If 9 PV panels instead of 10 are used, this will result in a reduction of 36.6%. This percentage is very close to the 35% threshold.

### Single storey basement

The same applies in the case of one basement floor, where the Energy Strategy specifies a 2.6kWp system (8 high efficient PV panels) and a reduction in carbon emissions of 42.7%. If 7 PV are specified instead of 8 then the reduction will be 37.0%, which is very close to the limit of 35%.

Therefore we recommend for both options, to use the number and size of PV system that is specified in our reports. If you would like to discuss this further, my colleague Yiota, who is the genius behind this, is copied.

Kind regards,  
Joanna



Joanna Peacock

Eight Associates

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