

I am baffled by Table 1 of the Applicants Submission, apparently Fixed South Facing solar panels are better for Boom's Fenwick proposal because its fields are smaller and have curved boundaries, despite the graphs in the East Yorkshire application that they say 'prove' scientifically how much better Single Axis Tracker is for Yorkshire!

I had a look at the field layout on Booms Fenwick website and Yorkshire Fields south of the M62 are NO DIFFERENT to those North of the M62. Boom seem to be making this science up. And also with typical Boom confusion, they write "single Axis Tracker" when they mean "Fixed South Facing, not just once, but twice!

We have rooftop Solar Panels on both of our properties, so we know something about the technology after talking with our installers and reading up on the subject.

Firstly, inverters do not "burn off" the excess power when they are clipping the PV output. That would probably need a Drax size cooling tower to get rid of the excess East Yorkshire Solar Farm

heat. Inverters are electronic. They use Pulse width modulation to limit the electricity drawn from the PV array. No heat is generated from an inverter when it is clipping.

Secondly, Boom sidesteps ██████████ point about their claim of providing energy 'at any point in time'. I had a look at Boom's previous submission. They repeat, "A maximum of 400MW alternating current would be exported at any point in time" THREE TIMES and credit over planting for this ability. This is nonsense. The BATTERY makes PV electricity available at any point in time, NOT over planting. Over planting, which the installers calls "inverter under sizing" is about not wasting a lot of money on additional hardware that will only return a little extra electricity from the PV on the occasional really sunny day. Everyone with rooftop PV have battery storage because there is no point having electricity that is only available during daylight hours. Coincidentally East Yorkshire Solar Farm does NOT have any battery storage.

Boom should do their homework and read up on Solar Technology before they put it in print for all to read