

Powerfuel Appeal

From: Boulton, Mark <mark.boulton@planninginspectorate.gov.uk> on behalf of Skinner, Helen <HELEN.SKINNER@planninginspectorate.gov.uk>
Sent: 20 December 2023 09:57
To: Boulton, Mark
Subject: FW: Portland Waste Incinerator

From: jp gwillim <
Sent: 19 December 2023 18:58
To: Skinner, Helen <HELEN.SKINNER@planninginspectorate.gov.uk>
Subject: Portland Waste Incinerator

ref: Portland Waste Incinerator Planning Application APP/D1265/W/23/3327692

I have been advised that it is possible for me to submit the concerns I had regarding water consumption to the appeal inspector via you.
Do please advise me if I am in error in this matter.

Re. Water consumption in the process of energy generation by the proposed waste incinerator to be sited within Portland Port.

My research leads me to understand that water of potable quality is required to power the turbine generators producing electricity.
Further, I understand that in excess of 56,000,000 litres per annum will be required.

Wessex Water, our supplier and, presumably Portland Port's supplier, tells its customers in the Winter 2023 edition of their information magazine 'For You, For Life' that its customers must cut water usage in order to reduce groundwater abstraction to protect our rivers from the effects of climate change.
The water company aims to cut abstraction rates by between 15% - 20%. They expect customer consumption to drop in households from 145 litres per day to 135 litres per day by 2030.

Applying the same metrics to the proposal will require a substantial reduction on the 56 million litres alluded to.

How will this be achieved? Less electricity? New super efficient turbines that use less water? There is no mention of this in the proposal.
Perhaps the developer, Powerfuel, will expect to be exempt from the effects of Climate Change.

As I can see no valid reason or need for the incinerator, I cannot see any reason for such a profligate expenditure of a scarce and by Wessex Water's estimation, reducing supply of potable water.

Peter Gwillim

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