

# EPA Application Form

## 4. Activity and Capacity

### 4.6.1 - Water and Energy Usage - Attachment

**Organisation Name: \***

Amazon Data Services Ireland Limited

**Application I.D.: \***

LA007495

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## 4. Activity and Capacity

### 4.6. Water and Energy Usage

#### Water Usage

Complete the table below with summary details of current and proposed maximum water usage  
 (The following table contains additional guidance for certain fields where you see the small red triangle in the cell. To view the guidance simply hover over the cell).

| Water Type                | Current Usage Per Calendar Year (m3/yr) * | Future Usage Per Calendar Year if Authorisation Granted (m3/yr) * |
|---------------------------|---|---|
| Groundwater Abstraction   | N/A                                       | N/A   |
| Surface Water Abstraction | N/A                                       | N/A   |
| Public Supply             | 12,911                                    | 17,879  |
| Other                     | N/A                                       | N/A   |
| <b>Total</b>              | <b>12911</b>                              | <b>17879</b>  |

#### Energy Usage

##### Electricity Usage

Complete the table below with summary details of current and proposed electricity usage  
 (The following table contains additional guidance for certain fields where you see the small red triangle in the cell. To view the guidance simply hover over the cell).

| Electricity type  | Current Usage Per Calendar Year (MWH) * | Future Usage Per Calendar Year if Authorisation Granted (MWH) * |
|---|---|---|
| Electricity Purchased   | 665,600                                 | 1,447,152   |
| Total Renewable Electricity Generated <u>and</u> Used at the Site     | None                                    | up to 52kWe   |
| Total Non-Renewable Electricity Generated <u>and</u> Used at the Site | None (testing only)                     | None (testing only)   |
| <b>Total Electricity Generated and Used</b>                           | -                                       | -   |
| <b>Total Electricity Used</b>   | <b>665,600</b>                          | <b>1,447,152</b>  |

The figures shown for electricity consumption is the maximum design consumption level of the site

\* indicates required field

Describe the types of renewable energy being generated (if applicable)

Provision for an array of PV panels shall be made to generate on site renewable energy up to a peak of 26kWe per building for Buildings E and F to generate electricity to feed back into the electrical supply for the building, serving lighting, office area general services and office IT equipment. Detailed design is in progress at present.

Are you using wind turbines at the installation/facility for renewable energy? (Yes/No) \*

No

Are you exporting energy generated at the installation/facility to the grid? (Yes/No) \*

No

Amount of generated electricity exported (MWHrs)

None

**Thermal Energy Consumption**

Complete the table below with summary details of current and proposed electricity usage.

(Select the 'Fuel Type' from the dropdown list, select 'm<sup>3</sup>' or 'Tonnes' in the 'Unit' column and enter the annual usage)

| Fuel Type | Amount Used Annually | Unit |
|-----------|----------------------|------|
| Gas Oil   | 1944.4               | m3   |
|           |                      |      |
|           |                      |      |
|           |                      |      |
|           |                      |      |

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\* indicates required field