

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.: *

LA015550

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		
Surface Water Abstraction		
Public Supply	7,459	14,918
Other		
Total	7459	14918

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	420,480	840,960
Total Renewable Electricity Generated <u>and</u> Used at the Site	43.1kWe	73.15kWe
Total Non-Renewable Electricity Generated <u>and</u> Used at the Site		
Total Electricity Generated and Used	-	-
Total Electricity Used	420,480	840,960

Note: there is the potential for 9,600 MWh of non-renewable electricity generated and used at the site based on 100 hours per generator per year. This is not additive to the Electricity Purchased.

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

PV panels to generate onsite renewable energy.

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)

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 'm³' or 'Tonnes' in the 'Unit' column and enter the annual usage)

Fuel Type	Amount Used Annually	Unit
Gas Oil	3371.99	tonnes
Other Fuel Oil	3317.09	tonnes

Diesel (Maximum if only Diesel is used)

HVO (Maximum if only HVO is used)