

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.: *

LA016198

* indicates required field

N1 - Max Electricity Consumption of site.

N2 - figure in MWhrs not available.

N3 - Max figure based on 15 no. gens at 100% load for 250 hrs/gen/yr and testing and maintenance of 15 gen.

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	0	0
Surface Water Abstraction	0	0
Public Supply	0	2,352
Other	0	0
Total	0	2352

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	-	280320 (See note 1)
Total Renewable Electricity Generated and Used at the Site	-	72 kwp (See note 2)
Total Non-Renewable Electricity Generated and Used at the Site		
Total Electricity Generated and Used	-	-
Total Electricity Used	-	-

* indicates required field

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

An array of 180 PV panels will be developed on Data Centre Building B1 which will generate on site renewable energy up to a peak of 72 kWp total.

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)

0

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
Other Fuel Oil	2,409 (See note 3)	tonnes

* indicates required field

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