

EPA Application Form

4. Activity and Capacity

4.6.1 - Water and Energy Usage - Attachment

Organisation Name: *

Indaver Ireland Limited

Application I.D.: *

LA010332

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	74,778	87,607
Surface Water Abstraction	0	0
Public Supply	1172	500
Other	0	0
Total	75950	88107

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	450	450
Total Renewable Electricity Generated and Used at the Site	7,708	7,708
Total Non-Renewable Electricity Generated and Used at the Site	9,141	9,141
Total Electricity Generated and Used	16,849	16,849
Total Electricity Used	17,299	17,299

* indicates required field

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

46.3% of the electricity generated from the waste-to-energy process is renewable. Heat from waste that has been burnt in the furnace is used to generate steam from water in the boiler. This steam powers the turbine which is used to generate the electricity.

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) *

Yes

Amount of generated electricity exported (MWHrs)

129,698.0

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	234	tonnes
Waste	250,000	tonnes

* indicates required field