

# EPA Application Form

## 4. Activity and Capacity

### 4.6.1 - Water and Energy Usage - Attachment

**Organisation Name: \***

Bord na Móna Public Limited Company

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

LA001696

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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	270	648
Surface Water Abstraction	0	0
Public Supply	0	0
Other	6,594	35429
<b>Total</b>	<b>6864</b>	<b>36077</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	159	200
Total Renewable Electricity Generated <b>and</b> Used at the Site	3,965	10000
Total Non-Renewable Electricity Generated <b>and</b> Used at the Site	-	0
<b>Total Electricity Generated and Used</b>	<b>3,965</b>	<b>10,000</b>
<b>Total Electricity Used</b>	<b>4,124</b>	<b>10,200</b>

\* indicates required field

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

Landfill gas generated in the MSW Landfill and Non-Hazardous Landfill will be captured and directed to the landfill gas utilisation plant for conversion into electricity where possible.

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)

36,532

**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
Other Fuel Oil	506	m3

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\* indicates required field