

**Energy and Water Efficiency in the year 2023**

**Energy**

	<b>Propane (tonnes)</b>	<b>Natural Gas (tonnes)</b>	<b>Gas Oil (tonnes)</b>	<b>CO<sub>2</sub> (tonnes)</b>
Primary Incinerator	0	0	291.4751	241.5512
Secondary Incinerator				
Ancillaries/Services	n/a	0	0	0
Plume control –Primary	n/a			
Plume control – Secondary	n/a			
<b>TOTAL</b>	0	0	291.4751	241.5512

<b>Electricity</b>				
<b>Produced (MWh)</b>	<b>Imported (MWh)</b>	<b>Exported (MWh)</b>	<b>MWh produced per tonne of waste</b>	<b>CO<sub>2</sub> per tonne of waste (tonnes)<sup>[1]</sup></b>
30,079.0	650.74	22,647.67	0.61	0.004922

[1] The CO<sub>2</sub> released from the use of propane, natural gas, gas oil and electricity.

**Trends in energy efficiency**

<b>Year</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
<b>MWh/tonne of waste</b>	0.64	0.67	0.65	0.51	0.66	0.61
<b>CO<sub>2</sub> per tonne of waste (tonnes)</b>	0.005022	0.003796	0.008435	0.013433	0.00503	0.004922

**Water Usage**

<b>Towns water input to Site (tonnes)</b>	<b>Towns water per tonne of waste (tonnes)</b>
18,064	0.368

**Trends in towns water usage**

<b>Year</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
<b>Towns water per tonne of waste</b>	0.179	0.212	0.210	0.177	0.254	0.368

Signed:.....  
 Authorised to sign on behalf of SITA Waste (Isle of Man) Limited

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