

**REFERENCE**

2627202

**RELEASE DATE**

12 August 2026

**SUBJECT**

Requesting information about electricity consumption associated with Northern Ireland Water's water supply and wastewater operations.

**RESPONSE**

Regulation 5(1) of the Environmental Information Regulations 2004 requires a public authority that holds environmental information to make that information available on request, subject to any applicable provision of the Regulations. Northern Ireland Water is disclosing the information it holds in accordance with Regulation 5(1).

The information provided below relates to the financial year from 1 April 2025 to 31 March 2026. The relevant business area has confirmed that these are the final recorded figures for that period.

**Total electricity consumption**

Northern Ireland Water recorded total electricity consumption of 314,702,536.47 kilowatt hours, or kWh, during the financial year 1 April 2025 to 31 March 2026. A kilowatt hour is a unit used to measure the amount of electricity consumed.

**Total electricity cost**

The total recorded cost of the electricity was £63,224,999.87.

The recorded cost does not include a separate purchased electricity cost for the renewable electricity generated and used on site. The relevant business area has confirmed that this electricity was generated and consumed on site and was not purchased from an electricity supplier. No separate purchased electricity cost is therefore recorded for that category.

**Breakdown of electricity consumption and cost**

The available breakdown is set out below. The headings are Northern Ireland Water's operational reporting categories.

| Operational reporting category     | Electricity consumption | Recorded cost                                   |
|------------------------------------|-------------------------|-------------------------------------------------|
| Networks Waste                     | 41,418,566.00 kWh       | £10,119,492.68                                  |
| Networks Water                     | 27,797,426.00 kWh       | £6,419,918.83                                   |
| Office                             | 1,298,904.00 kWh        | £305,150.51                                     |
| Wastewater                         | 121,076,032.93 kWh      | £25,094,643.37                                  |
| Water Supply                       | 111,083,870.12 kWh      | £21,285,794.48                                  |
| Renewable electricity used on site | 12,027,737.42 kWh       | No separate purchased electricity cost recorded |
| Total                              | 314,702,536.47 kWh      | £63,224,999.87                                  |

The relevant business area has confirmed that the operational categories do not overlap. It has also confirmed that the 12,027,737.42 kWh of renewable electricity used on site is included within the total electricity consumption figure.

#### Pumping stations

Northern Ireland Water operates approximately 1,661 pumping stations. This comprises:

1. Approximately 1,337 sewage pumping stations.
2. Approximately 324 raw and treated water pumping stations.

A sewage pumping station moves wastewater through the sewerage network where it cannot flow by gravity alone.

A raw water pumping station moves untreated water from its source. A treated water pumping station moves drinking water after treatment.

For completeness, Northern Ireland Water also records approximately 519 wastewater treatment works and 26 water treatment works. These are treatment facilities rather than pumping stations and are not included within the total of approximately 1,661 pumping stations.

The relevant business area identified the following water treatment works and wastewater treatment works in response to the request.

### Individual electricity consuming sites

The information held identifies the following water treatment works and their recorded electricity consumption during the financial year from 1 April 2025 to 31 March 2026:

| Water treatment works | Electricity consumption during 2025/26 |
|-----------------------|----------------------------------------|
| Castor Bay            | 25,843,420 kWh                         |
| Dunore Point          | 23,307,728 kWh                         |
| Drummaroad            | 9,106,776 kWh                          |
| Killyhevlin           | 7,671,151 kWh                          |
| Derg                  | 5,245,819 kWh                          |

The information held also identifies the following wastewater treatment works:

| Wastewater treatment works | Electricity consumption during 2025/26 |
|----------------------------|----------------------------------------|
| Belfast                    | 14,434,120 kWh                         |
| Ballynacorr                | 8,601,666 kWh                          |
| North Down                 | 8,140,729 kWh                          |
| Culmore                    | 4,224,701 kWh                          |
| Kinnegar                   | 3,096,278 kWh                          |

A water treatment works cleans untreated water so that it is suitable for public water supply.

A wastewater treatment works treats sewage and other wastewater before the treated effluent is discharged or otherwise managed.

Relevant recorded information is contained within Northern Ireland Water's published Climate Change Strategy and related programme material, accessible through the links below.

These publications contain information about Northern Ireland Water's approach to energy demand, water efficiency, leakage reduction, energy recovery and renewable energy.

The information can be accessed through the following pages:

<https://www.niwater.com/climatechange/strategy/>

<https://www.niwater.com/climatechange/>

