

# Intelligent Operations Centre

As a public body and Northern Ireland's largest consumer of electricity, NI Water has an obvious responsibility, and needs to manage its demand for electricity in the most efficient and effective way to help ensure the resilience and security of supply in the wider market - using less at peak times, and more when the supply is greater than demand.

Key to that, is the creation of the NI Water Intelligent Operations Centre (IOC) currently under construction. This uses high resolution data from our water and wastewater 'production line' assets to create the necessary flexibility in our energy usage.

- Better day-to-day management of when we use our pumps and other equipment.
- Increasing our ability to predict, and therefore manage, peaks and troughs in the water and waste systems in the short and medium term.
- Delivering a holistic view of the overall operation which will allow a more strategic, joined up approach to planning future investments whilst considering the extra capability innovation can deliver.



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Northern  
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single, largest  
electricity  
consumer.

