

# Northern Ireland Water

Taking control of sustainability and enhancing profitability



Northern Ireland Water, a Government owned company, provides water and sewage services for Northern Ireland. The energy required to deliver its services makes NI Water the single largest electricity consumer in Northern Ireland.

NI Water delivers safe drinking water to approximately 840,000 households and businesses, NI Water produces on average 570 million litres of clean water, and safely recycles 340 million litres of wastewater.

NI Water consider sustainability and climate change mitigation as priorities that inform their decisions on the future direction of the business. NI Water have communicated openly about their commitment to using innovative approaches to energy management and new technologies to deliver water and wastewater services for the lowest financial and environmental cost, whilst simultaneously maximising consumer and community benefits.

The contract with GridBeyond will support SONI (System Operator for Northern Ireland) in integrating more renewable energy into the grid by managing energy demand, helping Northern Ireland to reach the national energy target of 40% renewable contribution to gross electricity consumption by 2020.

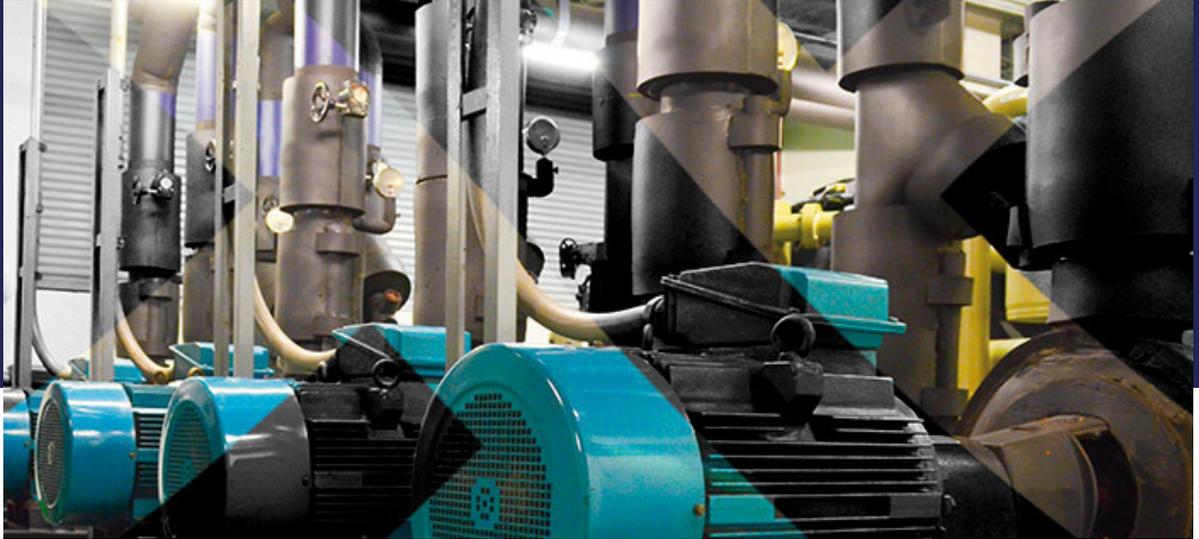


Jane Mellor  
Head of Operational  
Procurement at  
Northern Ireland  
Water

“NI Water’s participation in the Capacity and DS3 System Services Market is tangible evidence of our commitment to meeting environmental targets, by facilitating efficiencies and increased renewable generation across the electricity grid to both reduce costs and CO2 emissions.

“By working with GridBeyond, an experienced energy technology company, NI Water is demonstrating a continuing commitment to delivering high quality services, while simultaneously enhancing natural and social capital.”

# How does it work?



## Connecting the water industry's assets

Aerators, sewerage pumps, centrifuges, water supply pumps, standby generation and more...

### 1. Suitable assets



Aerators



Sewerage Pumps



Centrifuge



Water Supply Pumps



Standby generation

### 2. Connected to our platform



### 3. Delivering:



New Revenues



Energy Trading



Cost Savings



Equipment Optimisation



Sustainability



Monitoring & Control



GridBeyond®

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