



GREENCHAIN  
GROUP



# ENERGY

Energy and water are intricately connected. On the one hand, energy is needed to treat and distribute water; on the other hand, **water is integral to the production and conversion of energy**. With the implementation of innovative solutions, we can optimize this water-energy nexus as it continues to evolve and transform.

At Greenchain Group, our science and engineering team understand and recognize the value of water and wastewater in the energy sector. We make it our daily business to understand this industry and provide comprehensive water treatment systems that are conceptualized, designed, and engineered from the ground up in our facility to suit your site specific characteristics. This tailor-made approach ensures that we produce affordable, efficient and serviceable solutions.

Together we can find novel ways in which to safeguard your operational stability, optimize your productivity, comply with industry requirements and ultimately **maximize profitability of your business**.

MANAGE YOUR WATER-ENERGY NEXUS WITH ADVANCED & INNOVATIVE WATER TREATMENT TECHNOLOGY

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SCAN ME



# WHAT WE DO FOR YOUR POWER

Our Membrane Technology solutions **enhance efficiency and operational stability** by removing unwanted constituents such as solids, colloidal particles, organics, and minerals. These solutions can be deployed for process water upgrading, cooling water treatment, boiler feedwater treatment, contamination control, discharge water treatment, alternative fuel filtration, oil and water separation, reticulation and more.

Our multi-barrier treatment plants include technologies such as Microfiltration (MF), Ultrafiltration (UF), Reverse Osmosis (RO) and Membrane Bioreactors (MBR).

With this technology deployed at your site you can **treat virtually any source to the quality you require.**



## — HIGH QUALITY TREATED WATER:



**Compliance:** Ensure your incoming and outgoing water streams comply with standards.



**Efficiency:** Improve profitability by enhancing and optimizing your resource utilization.



**Water Availability:** Decrease your virgin water requirements and supplement your water budgets.



**Service Optimization:** Extend servicing intervals and improve equipment longevity.



**Discharge & Reticulation:** Remove contaminants and pollutants from water streams prior to reuse or discharge.



**Energy Recovery:** Recapture or recover energy from your wastewater streams or optimizations.



**Process Water:** Upgrade the quality of your process water.



**Water-Energy Nexus:** Improve the resilience and sustainability by implementing innovative technology.



**AOP:** Advanced oxidation processes to remove harmful or unwanted constituents.



**Maintenance:** Comprehensive SLA packages as well as technical support.

