



Energy & Power

POWER PLANTS | HYDRO POWER | RENEWABLE ENERGY

a subsidiary of
TEXIN INC.

PROVIDING EXPERTISE, EXPERIENCE, AND TAILORED SOLUTIONS FOR WATER TREATMENT AND PROCESS APPLICATIONS

YMT Water Solutions, a subsidiary of Texin Inc., stands as the premier provider of customized water filtration and disinfection solutions.

With an extensive expertise and over 80 years of combined experience, we are renowned for our excellence in designing, optimizing, supplying, and supporting a wide range of solutions and products for water treatment and process applications. Our unwavering commitment is to cater to diverse types of water, delivering tailored solutions that precisely meet the unique needs of our clients.

At YMT Water Solutions, we understand that each industrial operation is unique. That's why we specialize in delivering tailor-made solutions that are specifically designed to address the individual needs and challenges of your facility.

OUR SERVICES

- Seamless start-up and commissioning
- Expert installation and ongoing technical support
- Precise chemical testing and optimization
- Innovative facility upgrades and enhancements.
- Comprehensive operator training.

TAILOR MADE SOLUTIONS

- **Cost-Effective Performance:** YMT's solutions minimize maintenance, replacement costs, and water usage, ensuring significant financial savings.
- **Enhanced Water Purity:** Our advanced systems effectively remove impurities, ensuring water purity vital for optimized processes.
- **Machinery Protection:** Our filtration systems prevent equipment damage and downtime, boosting operational efficiency and productivity in power and energy processes.
- **Eco-Friendly Operation:** YMT's systems remove pollutants from wastewater, aligning with environmental regulations and promoting sustainability in the power and energy industry.



MGF + ACF + IRF



UF



SWRO



HOD UV

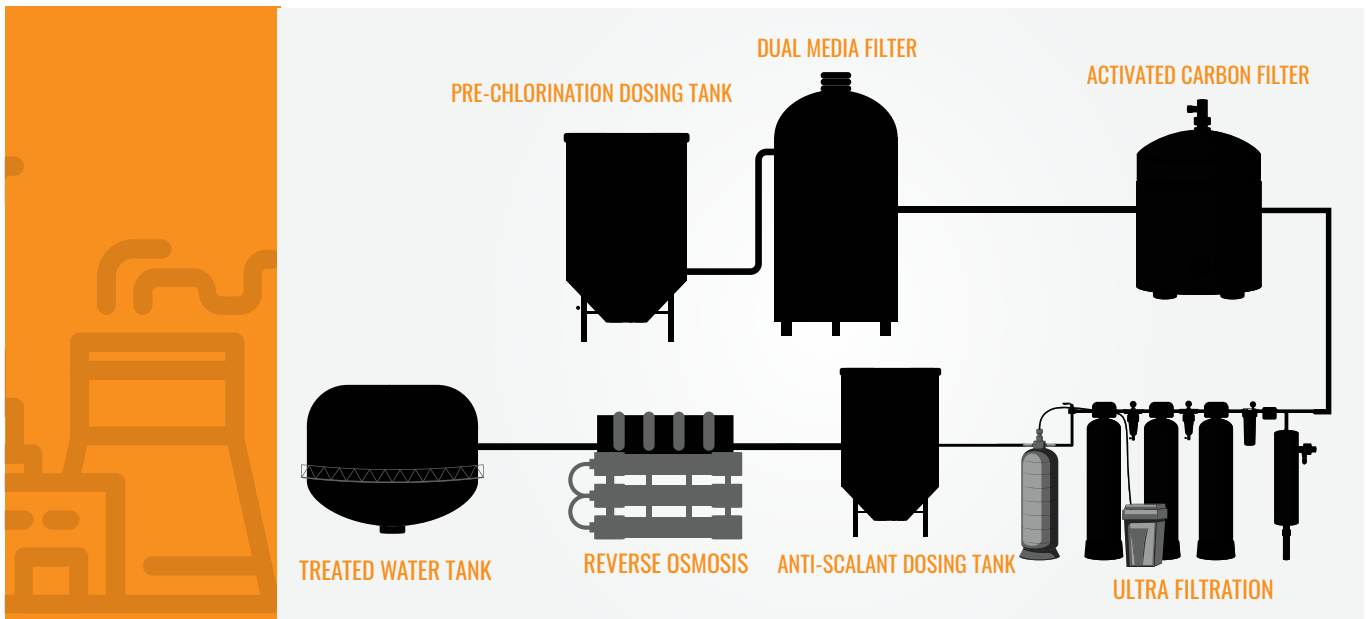
UPGRADE YOUR POWER AND ENERGY PROCESSES

- **Prevent Scaling and Corrosion:** Ensure equipment longevity and performance by addressing scale and corrosion issues.
- **Efficient Wastewater Treatment:** Comply with regulations and ensure environmental sustainability through effective pollutant removal.
- **Minimizing Fouling:** Optimize equipment efficiency by preventing fouling in heat exchangers and critical systems.
- **Optimizing Heat Transfer:** Enhance thermal efficiency by mitigating scaling and maintaining optimal heat transfer.
- **Reducing Downtime:** Maintain operational continuity by preventing equipment damage and unplanned downtime.
- **Corrosion Protection:** Safeguard assets from corrosion to extend equipment lifespan and reliability.
- **Tailored Approaches:** Receive customized solutions that address your facility's specific water treatment challenges.
- **Energy Efficiency:** Enhance energy production and overall sustainability by ensuring efficient water treatment processes
- **Expert Consultation:** Benefit from expert guidance to identify the best water treatment strategies for your facility.





ELEVATE YOUR INDUSTRIAL PROCESSES WITH ADVANCED WATER TREATMENT SOLUTIONS



PRE-TREATMENT

Effectively remove large particles and debris from the water using innovative mechanical methods like screens, settling tanks, and other filtration techniques.

CHEMICAL CONDITIONING

Employ the use of specialized chemicals to facilitate the clumping of particles, enhancing their removal efficiency in subsequent stages through coagulation and flocculation.

SEDIMENTATION

Allow the water to undergo a controlled settling process in dedicated tanks or basins, enabling the larger particles to settle at the bottom and be separated effectively.

FILTRATION

Utilize high-quality filters composed of materials like sand, gravel, and other media to eliminate smaller particles that remain after sedimentation, ensuring exceptional water quality.

DISINFECTION

Employ advanced disinfection methods such as chlorination, UV radiation, and ozonation to eliminate any remaining bacteria, viruses, or microorganisms, ensuring the water is safe and free from contaminants.

REVERSE OSMOSIS

Employ state-of-the-art reverse osmosis technology when necessary to effectively remove dissolved minerals and impurities, ensuring the highest level of water purity.

POST-TREATMENT

Tailor the water treatment process to specific requirements, adjusting pH levels, adding necessary minerals, and removing any residual impurities to achieve the desired water quality for industrial applications.



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