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VEOLIA Value Proposition 1162

- PRODUCT UPW systems
 - INDUSTRY Semiconductor
 - VALUE PROPOSITION Latest technologies used in UPW systems for chip producers
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Veolia UPW System for ST Microelectronics

- To reach the TOC and Resistivity criteria, the raw water is treated in the Primary Make-Up system by combining the latest technologies: UV, Membrane Degasifier and Continuous De-ionization.

The Continuous De-ionization (CEDI) process produces a consistent water quality with a high percentage of feed water ion removal. CEDI systems operate without the use of chemicals, 24 hours a day and 7 days a week. There is regeneration requirement in CEDI and hence no downtime.

Ultrafiltration membranes are used in the Polishing loop to guarantee continuous high-quality water at the point of use.

Intelligent engineering design allows us to incorporate the new systems into existing plant without any shutdown.