
... Technology Idol

Five technologies were presented at last week's GWI Global Water Summit in Paris. After each presentation, the participants responded to panelist questions and the winner was selected by an audience vote. *WDR* will showcase several of the technologies in the coming weeks.

Winner: Voltea's Flow Through Capacitor (FTC) — This electrically driven FTC process desalts brackish water at a 90 percent recovery and 99 percent salt rejection using ion-selective membranes and positive and negative electrodes. Said to use less electricity than RO or EDR, it is not sensitive to fouling or scaling.



Distinction: Danfoss AquaZ — This technology employs aquaporin-embedded desalination membranes that mimic nature's water transport proteins found in cell membranes to increase membrane permeability and provide near-perfect solute rejection while minimizing energy consumption. ...



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