



PRESS RELEASE
INFINITE WATER INC.

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Infinite Water Incorporated
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Strategic Infrastructure Initiative: Atmospheric Water Generation (AWG) Integration for AI Data Centers

This release outlines the strategic integration of Atmospheric Water Generation (AWG) into our upcoming AI data center architecture. By deploying decentralized, on-site atmospheric water harvesting, we address critical grid risks, and transition our facilities to net-positive community water suppliers.

Strategic Rationale & Technical Benefits

Accelerated Permitting & Regulatory Approval: Securing municipal water rights is a primary schedule risk for new data center builds. An integrated AWG infrastructure provides regulators with a closed-loop, self-sustaining water plan, bypassing municipal utility strains and significantly shortening the construction permitting timeline.

Dual-Action Thermal Management: Deploying advanced sorption-based AWG units (such as **Infinite Water Inc**) allows the system to harvest ambient moisture while simultaneously absorbing facility waste heat. This dual-action thermodynamic cycle reduces the baseline electrical load and wear on primary central chillers, directly lowering operational expenditures.

Climate & Grid Resiliency: Extreme weather events, prolonged droughts, and municipal rationing present critical uptime threats. On-site AWG acts as an independent, failsafe infrastructure layer, ensuring an uninterrupted supply of water for continuous server cooling during external utility failures.

Direct Feed for Liquid-to-Chip Infrastructure: High-density AI training clusters running on advanced silicon demand liquid-to-chip cooling loops utilizing ultrapure, mineral-free water. Because AWG systems extract pure vapor directly from the air, they eliminate the need for extensive, multi-stage chemical pretreatment plants on-site.

Net-Positive Community Impact: Modular AWG deployments can be scaled to produce excess volume beyond internal facility requirements. By leveraging campus waste heat and footprint capacity, surplus purified water can be routed back into local municipal networks or agricultural reserves, shifting public perception from resource drain to active community utility partner.

Engineering Review: First consideration is to assess site-specific psychrometric conditions (ambient humidity and temperature profiles) at target facility locations to optimize AWG harvesting efficiency

Vendor Evaluations: Initiate technical dialogues with modular AWG technology providers like **Infinite Water Inc** to evaluate integration pathways for closed-loop cooling and liquid-to-chip supply lines.

Utilizing **Infinite Water Inc** AWG technology incorporates self-sustaining AWG schematics into upcoming municipal planning and zoning submissions which provide off grid water solutions that do not compete with public water needs.