



FOR IMMEDIATE RELEASE

September 3, 2026 | Estes Park, Colorado

MEDIA CONTACT [media@arentha.net](mailto:media@arentha.net)

# ArenthaOS Could Save Pumpkin Spice Season

**Sam Altman gave us almonds. We used the saved water to make lattes.**

COLORADO SPRINGS, Colo., September 3, 2026: There are moments in technology when a new unit of measurement changes everything.

Hertz. Bytes. FLOPS.

Almonds.

Yes, almonds.

Sam Altman recently said that producing one California almond requires roughly as much water as 38,000 ChatGPT queries. He admitted he was recalling the number from memory, but by then it was too late.

He had given us the almond standard.

Most responsible infrastructure companies would acknowledge the comparison and move along.

We saw a beverage opportunity.

ArenthaOS has demonstrated 78.9% token avoidance by determining what intelligence is actually necessary before committing computational resources. If water consumption declines proportionally with avoided inference, every one million queries governed by ArenthaOS saves the water equivalent of approximately 21 almonds.

Useful.

But what exactly are we supposed to do with 21 almonds' worth of saved water?

Obviously, we keep going until we have coffee.

The total embedded water footprint of a latte has been estimated at more than 200 liters once the coffee, milk, sugar, cup, and production chain are included. That's roughly equivalent to the water required to produce 50 almonds.

Which brings us to the most important infrastructure calculation of autumn:

**Every 2.4 million queries governed by ArenthaOS could save enough water to produce one additional pumpkin spice latte.**

At scale, ArenthaOS could theoretically produce:

- 4 more pumpkin spice lattes for every 10 million governed queries
- 42 more pumpkin spice lattes for every 100 million governed queries
- 415 more pumpkin spice lattes for every 1 billion governed queries

That's enough to supply an extremely alert product team, rescue several Monday mornings, or sustain one determined person through nearly the entire decorative-gourd season.

You're welcome, autumn.

To be clear, ArenthaOS does not pipe saved data-center water directly into an espresso machine.

The water footprint of a latte is distributed across growing coffee, producing milk, making sugar, manufacturing cups, and other parts of the supply chain. Data-center water use also varies by geography, cooling architecture, energy source, workload, and model. These are playful equivalencies, not certified environmental measurements.

But the joke reveals something serious. The joke works because AI doesn't actually live in a magical cloud. Every answer comes from real machines using real electricity, producing real heat, and asking cooling systems to clean up afterward.

They are, in other words, thirsty little thinkers.

Most AI efficiency begins after those machines have already started humming. ArenthaOS asks a simpler question first:

### **Do we need to wake them up at all?**

Sometimes the answer is yes. When it is, ArenthaOS chooses the right execution path, sets an appropriate reasoning budget, and carries forward what the system already knows.

Sometimes the answer is no.

When a model call isn't necessary, ArenthaOS doesn't make it. No unnecessary tokens. No unnecessary heat. No cooling resources spent helping AI rediscover something it already knew.

That leaves more water available for everything else.

Farms. Communities. Almonds.

And, if seasonal priorities demand it, pumpkin spice lattes.

More useful intelligence. Less wasted computation. More pumpkin spice.

That's Cognitive Economy.

One latte at a time.

### **About Arentha**

Arentha develops governed intelligence infrastructure that determines when AI inference is necessary, preserves continuity across interactions, and reduces unnecessary computational demand. ArenthaOS works beneath the tools organizations already use, helping intelligence become more efficient, accountable, and persistent.

Media: [media@arentha.net](mailto:media@arentha.net) | Web: [arentha.net](https://arentha.net)