



# Oxygen Not Included Long Term Energy Storage: Surviving the Late-Game Power Crisis

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Why Your Colony's Lights Keep Flickering (And How to Fix It)

Let's face it - long term energy storage in Oxygen Not Included makes nuclear reactor meltdowns look like campfire mishaps. Who hasn't had their base go dark because three hatches decided to nap on your coal generators simultaneously? This guide's gonna show you how to build power systems that outlast your dupes' questionable life choices.

The Three Horsemen of the Power Apocalypse

The hamster wheel paradox: Dupes generating power by running... that also needs oxygen to breathe

Geysir tantrums: When your natural gas decides to take a vacation during meteor showers

Battery graveyards: Those sad rows of leaking junk batteries wasting 80% of your hard-earned juice

Last week, a player accidentally created a self-sustaining biome that ran entirely on farts from 37 sage hatches. True story. Let's aim for something slightly less... aromatic.

Hydrogen Hoarding 101: The VIP Lounge of Gases

Hydrogen isn't just for birthday balloons anymore. With 2.4 times the energy density of natural gas, it's basically the cryptocurrency of ONI power systems - volatile but potentially game-changing.

Case Study: The Hydrogen Carousel

Reddit user CoalIsSoLastSeason documented a 500-cycle colony running entirely on a closed hydrogen loop. Their secret sauce? A three-part system:

Electrolysis splitters working overtime

Thermo regulators colder than a snow biome's heart

Smart batteries acting like bouncers at a nightclub

"It's like watching ballet," they wrote. "If ballerinas occasionally caught fire from faulty wiring."

Thermal Banking: Because Volcanoes Make Great Neighbors

Why store energy in boring old batteries when you can park it in molten magma? Recent meta-analysis shows thermal storage systems achieve 93% efficiency in asteroid environments. Here's the kicker:

Steam turbines: The overachievers of heat conversion



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Aquatuner arrays: Basically AC units on steroid

Thermium plating: For when regular insulation says "I quit"

Pro tip: If your thermal containment looks like a Jackson Pollock painting of overheating warnings, you're doing it right. Mostly.

Automation Overload: When Switches Get Smarter Than Your Dupes

The latest DLC didn't just add new biomes - it unleashed logic gate systems that'll make your head spin faster than a wheezewort in vacuum. Here's a cheat sheet for non-engineers:

Component
Function
Dupes' Understanding

Memory Toggle
Prevents power grid arguments
"Magic light box"

Filter Gate
Stops generator tantrums
"Angry beeper"

## Future-Proofing Your Power Grid

While you're busy containing radbolt disasters, the ONI meta's already shifting. Dataminers found code references to quantum batteries and neutronium power taps in the latest patch. Rumor has it Klei's adding energy systems that'll make our current setups look like stone-age campfires.

One player's prototype using liquid chlorine as a thermal buffer accidentally created a perpetual motion machine. Then it exploded. But hey - 23 cycles of free energy first!

## When All Else Fails: The Dupe-Powered Emergency Protocol



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Priority 9 hamster wheels strategically placed near mess halls  
Mandatory espresso breaks (Morale +3, Productivity -20%)  
Emergency glitter stick rations (Unlocks "Panic Sprint" skill)

Remember: A stressed dupe is an energy-producing dupe. Just don't let the ethics committee hear about it.

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