

# Zimbabwe electrolytic separator energy upgrade

When the Electrolytic Separator was first given the upgrade slot, it followed both of those rules and allowed the machine to break the Laws of Thermodynamics (oops). The fairly quick but haphazard response was to make the Electrolytic Separator not receive the efficiency boost. That works, but also generates a lot of false bug reports as it is ...

After inserting Energy Upgrade's in the Electrolytic Separator the Energy Usage doesn't decrease. Steps to reproduce: 1. Insert Energy Upgrade's (any amount) into Electrolytic Separator. 2. Energy Usage doesn't decrease. Version (make sure you are on the latest version before reporting): \*\*Forge:1.16.5-forge-36.0.54  
\*\*Mekanism:1.16.5-10.0.21.488

The electrolytic separator from mekanism does not work at all. Problem I'm on version 2 and did everything right but no oxygen or nitrogen is filling up in the separator, it has power and is hooked up to an electric pump, does anyone know how to fix this bug or am I screwed.

Power is provided using a Creative Energy Cell from Thermal Expansion. I do not believe there is a power delivery issue. I'm unsure if this issue carries over to other machines (Untested). ... JujuLynx changed the title Electrolytic Separator Speed Upgrade Electrolytic Separator speed upgrade bug Jul 19, 2016. Copy link Member. aidancbrady ...

The electrolytic separator power usage doesn't decrease after adding energy upgrades. Steps to reproduce. Place electrolytic separator; Power up the machine; Provide any ingredient to separate (water, brine, etc.) Review the power usage while it is working (default power usage with no speed upgrades is 200 J/t) Add energy upgrades

It costs the same amount of energy to separate water into oxygen/hydrogen as you get by burning the hydrogen; and energy upgrades don't make the separator more efficient for balancing. All your power is either coming from the solar panel or stored in the cables and machine buffers

Issue description. Perhaps I am doing something wrong, but the addition of Energy Upgrades into the electrolytic separator appears to have no impact on overall energy usage, while speed upgrades have a major effect.

Energy Upgrades on Electrolytic Separator don't take effect. Steps to reproduce: Make and place an Electrolytic Separator, dump the Oxygen excess and only extract the Hydrogen into a Gas-Burning Generator; Add Energy Upgrades and you'll see that the 160 RF/t is not going down. Instead the "needed RF/t" raises up to around 700 kRF/t (with and ...

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Tho, thinking about it, if people wanted to make oxygen energy efficiently, for ore purification, It could be made that an electrolytic separator, with energy upgrades, has the energy reduction bonus, but either makes half the default per energy upgrade of hydrogen, or no hydrogen at all?

The energy upgrade upgrade allows you to increase the power storage capacity of a Mekanism machine which has an upgrade slot, ... Electrolytic Separator; Factory; Precision Sawmill; Pressurized Reaction Chamber; Chemical Injection Chamber; Chemical Infuser; Chemical Oxidizer; Chemical Dissolution Chamber;

It's to prevent energy loops with electrolytic separators and gas burning generators burning hydrogen. Creating one mb of hydrogen will always use the same energy as burning one mb, independent of the upgrades in the machines.

The other way to achieve 10x speed is to have 10 times as many Electrolytic Separators. And since an Electrolytic Separator is not that much more expensive than a speed+energy upgrade card, it really doesn't make sense to consume 100x power (operate them at 10% efficiency).

and that Energy Upgrades don't affect the machine's energy efficiency, but I haven't read anything about speed upgrades working differently than normal. So I assume this is a bug. Steps to reproduce. place down an energy source (Creative Energy Cube) then an Electrolytic Separator; place a fluid tank (filled with water) in it

&quot;Electrolytic Separator&quot; does accept &quot;Energy Upgrades&quot; but if you put some in the power consumption don't sink. Steps to reproduce: Taze &quot;Energy Upgrades&quot; in inventory and open &quot;Upgrade&quot;-GUI at &quot;Electrolytic Separator&quot; Put &quot;Energy Upgrades&quot; in Upgrade-Slot and let them load; Control your power consumption of the machine.

The electrolytic separator has a weird power usage using upgrades, for example, a stock separator uses 400j/t and produces the same amount in hydrogen that the gas generator is burning. If all 8 energy upgrades are installed, the energy usage is reduced to 40j/t while the gas production stays the same.

Version : 1.10.2-9.1.1.290 Repro: put 8 x energy upgrade into the Electrolytic Separator, and watch the energy consumption (I am showing RF, so 160 RF/t with 0x energy upgrade, and 160 RF/t with 8x energy upgrade) I am pretty sure any nu...

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