

Connecting conventional and renewable generation

What do we need?

Our  
Missions



# An Energy World In Transition



Increase in renewables penetration

Integration complexities:

- Lack of grid stability
- negative power

To bridge the gap between conventional and renewables **Hybrid Storage** is needed

## Connecting Conventional and Renewable Generation with Thermal Energy Storage

**100% Availability**



**Low Cost  
\$1 cent  
per kWt**



**Up to 95% Efficiency**

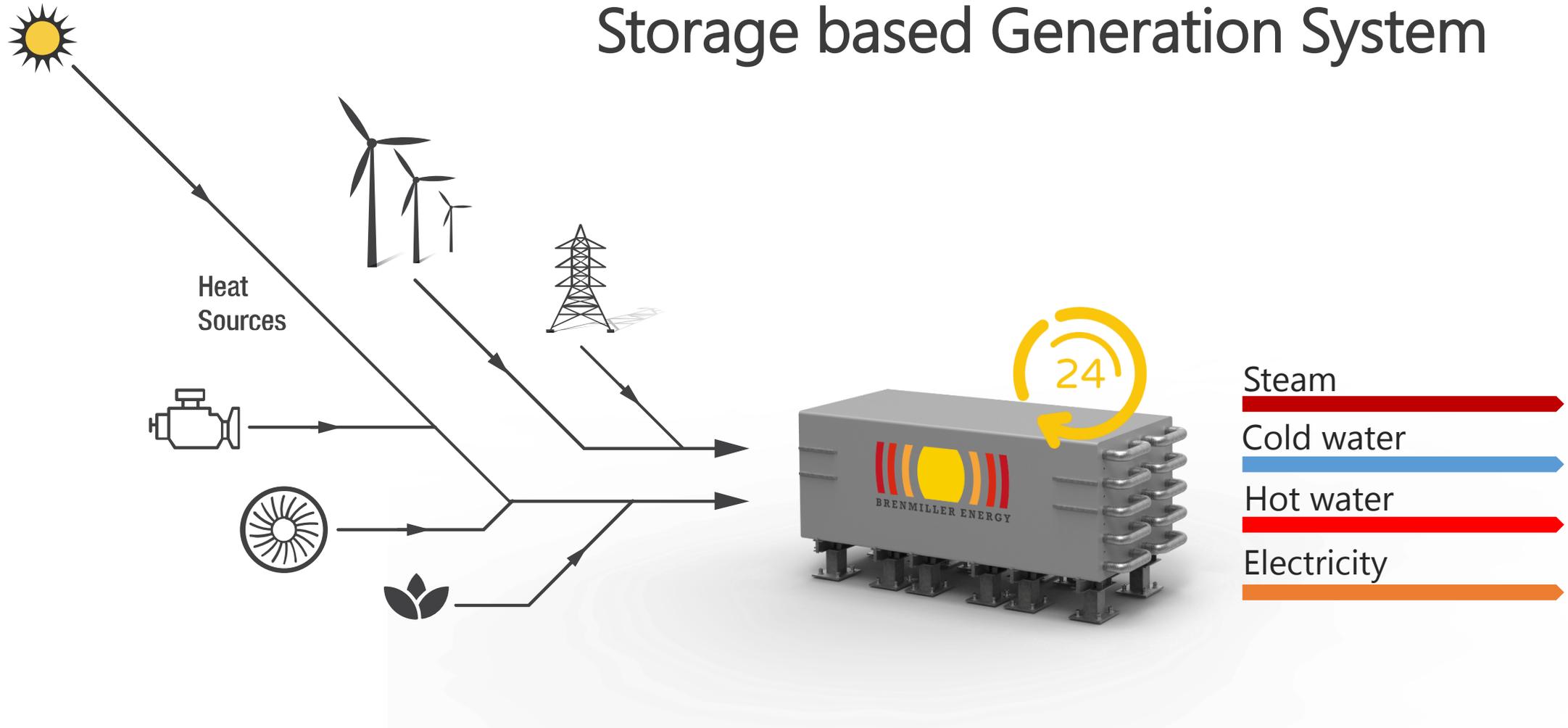


IP patented configuration combining 3 key elements:  
Thermal Storage, Heat Exchanger & Steam Generator

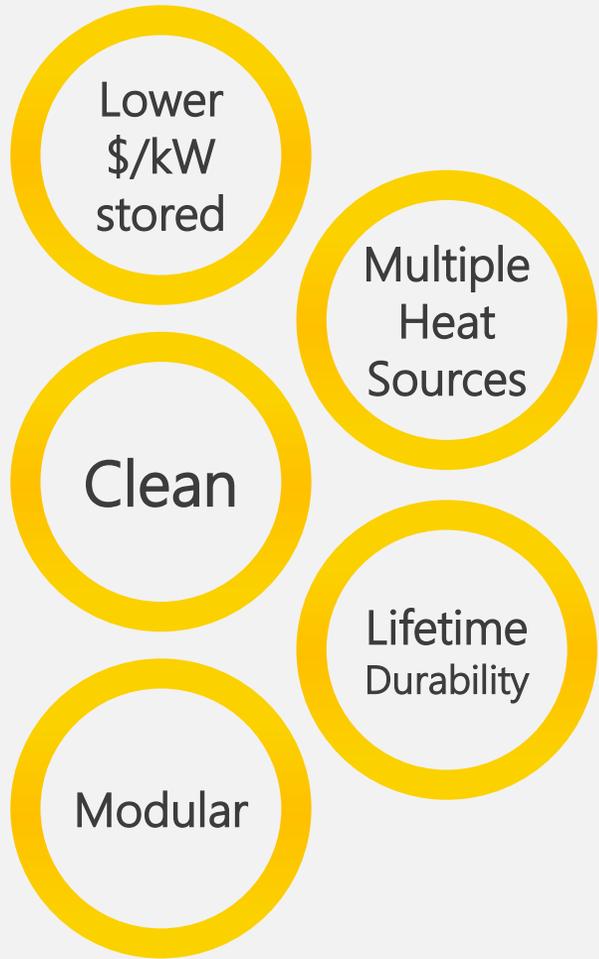
# Brenmiller Energy Solution



## Storage based Generation System



# Storage Technology - Key Advantages



Passive unit with minimal O&M and unlimited cycles  
Seamless integration of any given heat source  
Only environment-friendly materials used  
Lowest price per KWh stored, \$1 cent  
From 500KWh to Several GWh