

Thermal Storage Based Generation



Brenmiller Energy

Decades
of
Experience

Over €1B
in
projects

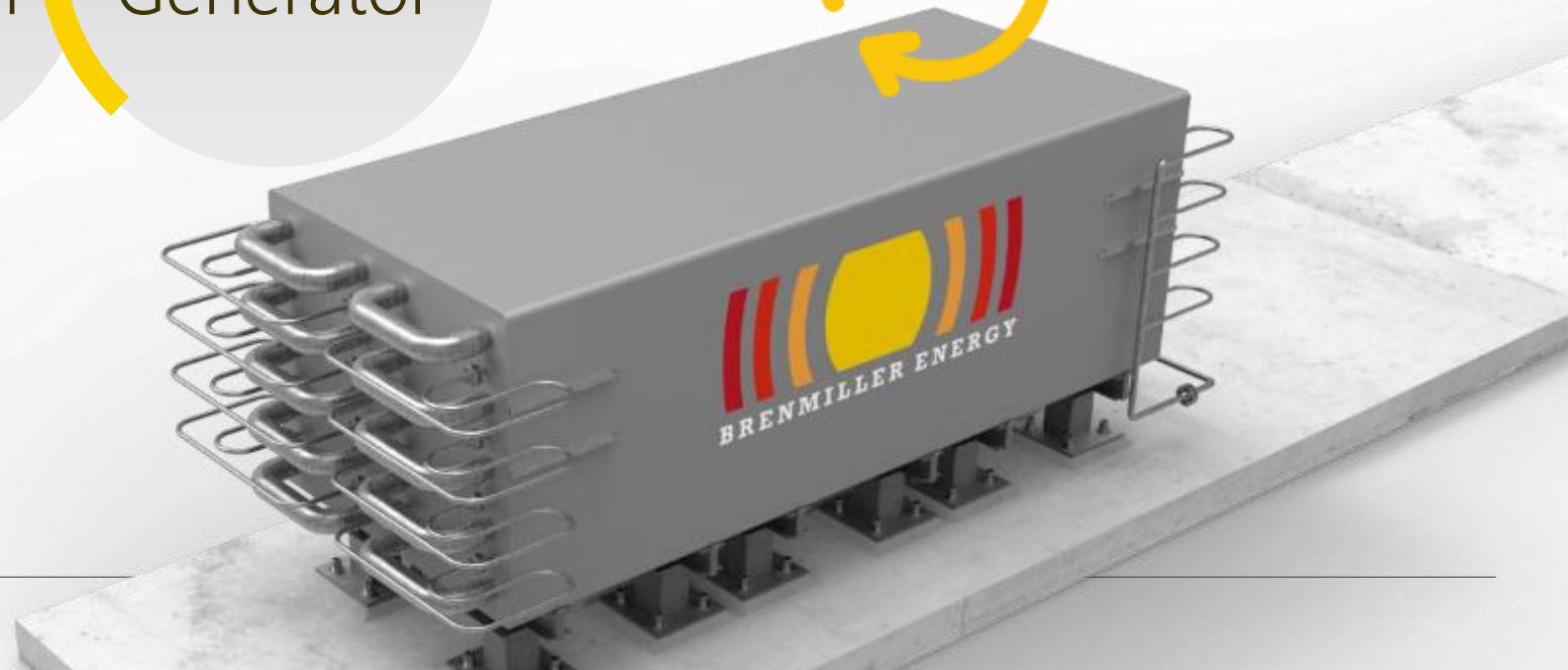
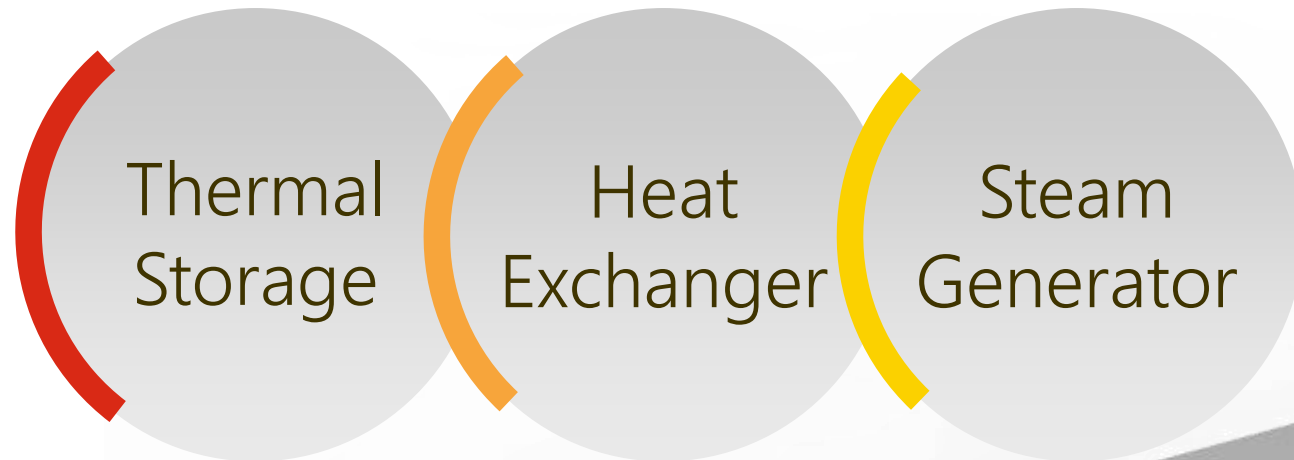
Founded
in
2012

2017
Publicly
traded
company

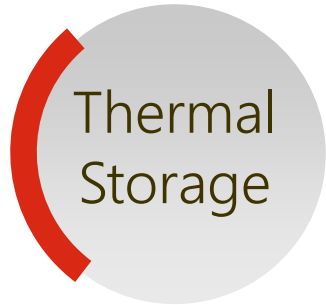


Our Solution

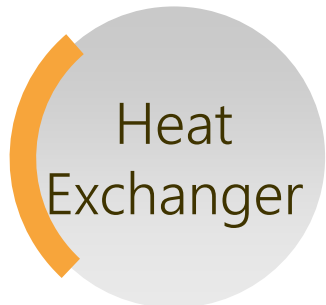
IP patented configuration – combining 3 key elements:



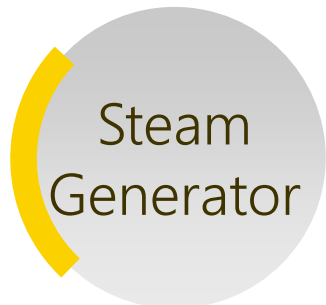
Our Storage Technology



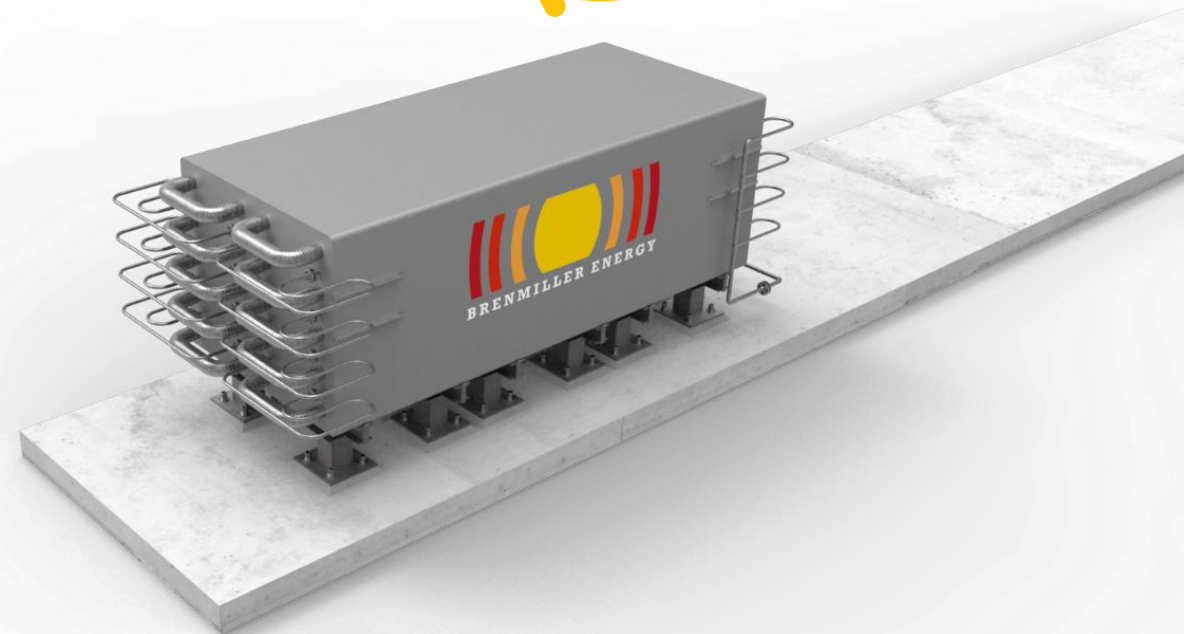
- Low cost solid material
- Unlimited discharging cycles
- Natural resource media



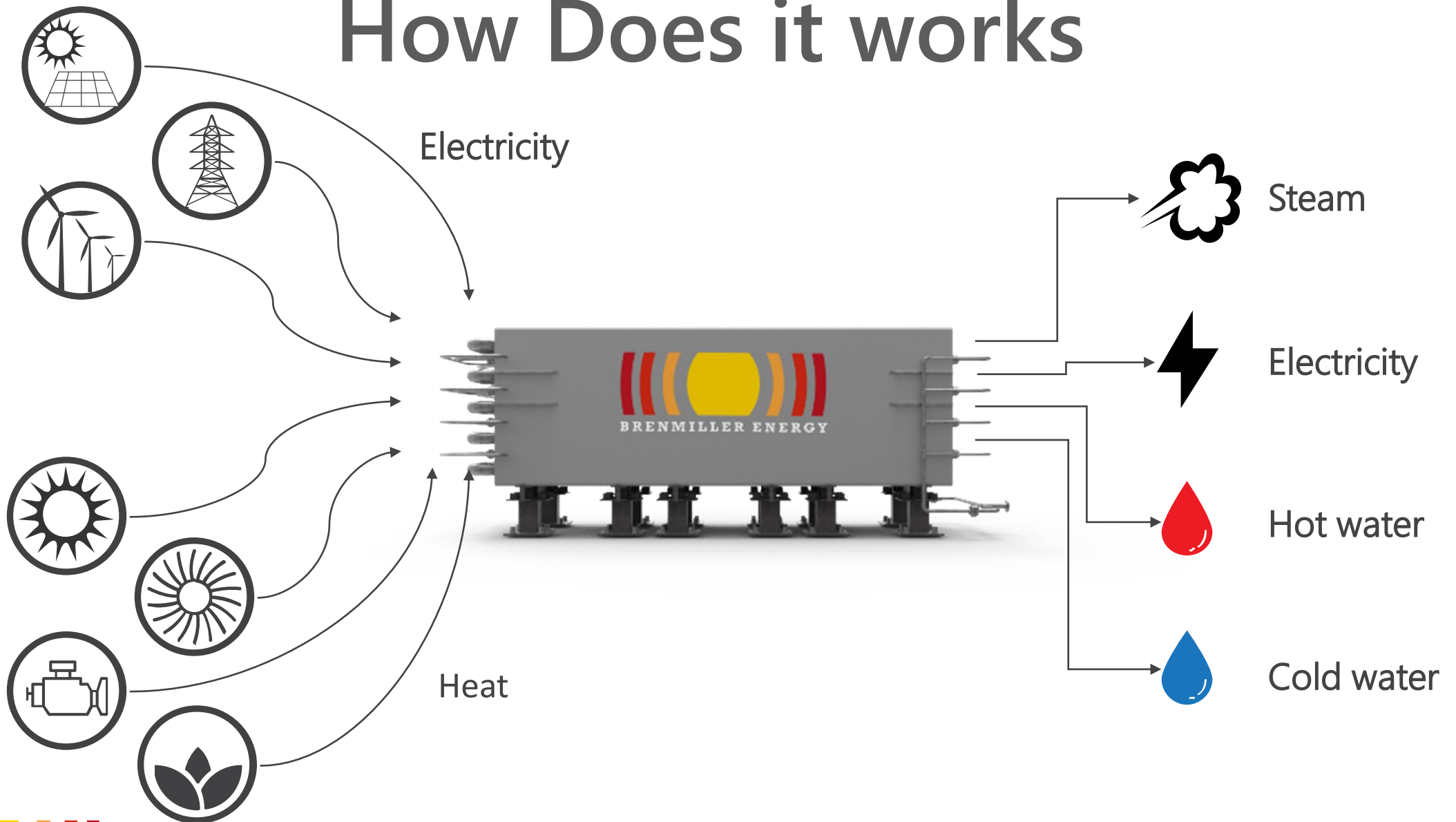
- Reduced equipment cost
- Simplified Integration



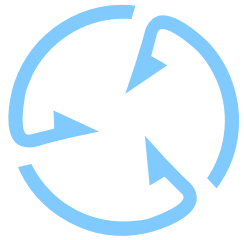
- Stabilized
- Dispatchable
- High Temperature Steam



How Does it work



Key Advantages



Hybrid

Connects different energy sources



Modular

From industrial to large scale power plants



Lifetime

30+ Years



Performance

Unlimited cycles with minimal daily losses



Clean

environmentally friendly materials (crushed rocks)



Economic

lower investment with kWhth < \$1 cent



Applications

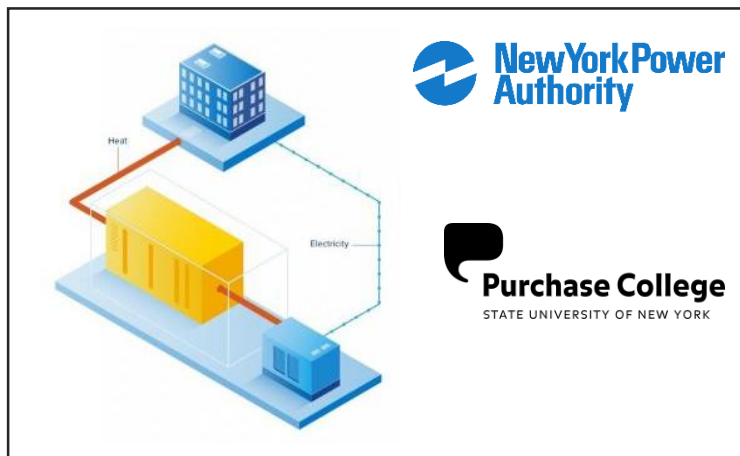
Off Grid



IDF Base

- Southern Israel
- Israel Defense Forces
- 5 MWh of storage

Energy Efficiency



SUNY Purchase

- New York, USA
- Purchase college
- 10 MWh of storage

Renewables Integration



Rotem - 1





- Southern Israel
- PPA with IEC
- 90 MWh of storage

bGen™

THERMAL STORAGE GENERATION UNIT

RENEWABLE INTEGRATION ▪ ENERGY EFFICIENCY ▪ LOAD SHIFTING



-  **Low Cost**
\$1 cent/kWhth
-  **Unlimited Cycles**
-  **Up to 95% Efficiency**
-  **Multiple Heat Sources**

Energy When **YOU** Need It

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