
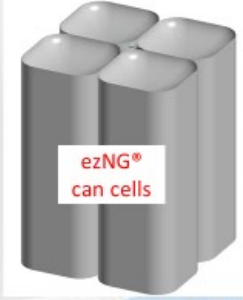



ezNG® Technology Simply Transforms LNG Storage

ezNG® cells greatly simplify fabrication





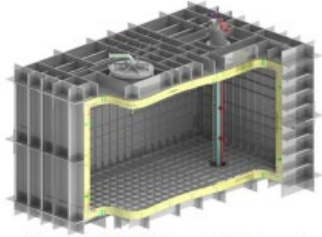
ezNG® can cells




ezNG® flask cells

An elegant solution for storing LNG using smooth, unstiffened stainless steel cells

VERSUS →



Source: 2018 GTT press release
GTT's "LNG Brick" fuel tank...



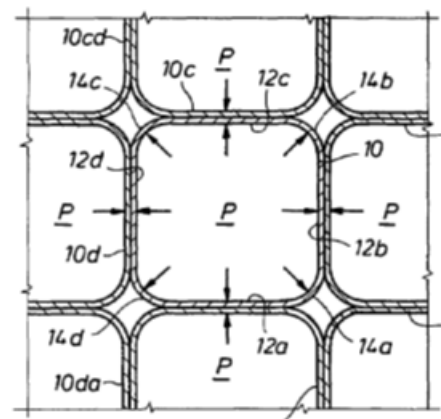
Source: 2014 press release Posco-KAIST Korea
Or, POSCO's low pressure LNG tank

There are many options available for LNG containment, but when even modest internal pressures are involved most LNG tank designs on the market become too costly. LNG boil-off vapor is usually consumed or recycled to an LNG plant for reliquefaction. As an option, LNG can be held in a liquid state under pressures that correspond to temperature rises over extended periods of time in suitable containers.

Typically, cylindrical bullet tanks are used when modest rises in pressure are expected. However, big storage cylinders can be expensive and do not efficiently fill confined spaces. This is a real concern when space is constrained or internal space is at a premium – as in ships.

Now, ezNG Solutions LLC offers a storage system that can hold LNG in compact spaces in an array of alloy steels or aluminum cells that are readily fabricated, transported to site, and installed to efficiently fill designated storage volume spaces. Each ezNG® LNG storage system can be engineered to hold a specified pressure once the cells are installed within their designated containment space.

Since our cells simplify fabrication, transport, and installation, ezNG's technology can provide a low-cost option for building new LNG storage facilities. On land, ezNG's cellular arrays can be segregated into concrete vaults in ways that **enhance safety for the total facility** once in operation. Careful segregation means great reductions in uncontrolled release volumes.



Patented ezNG® containment concept
(US 9,033,178 B, C. White)

ezNG® prismatic containers are designed for:

- Ease of fabrication
- Simplified delivery
- Enhanced LNG storage safety

Furthermore, ezNG’s cellular arrays simplify the supports for tanks in land-based storage vaults or in holds on ships and barges.

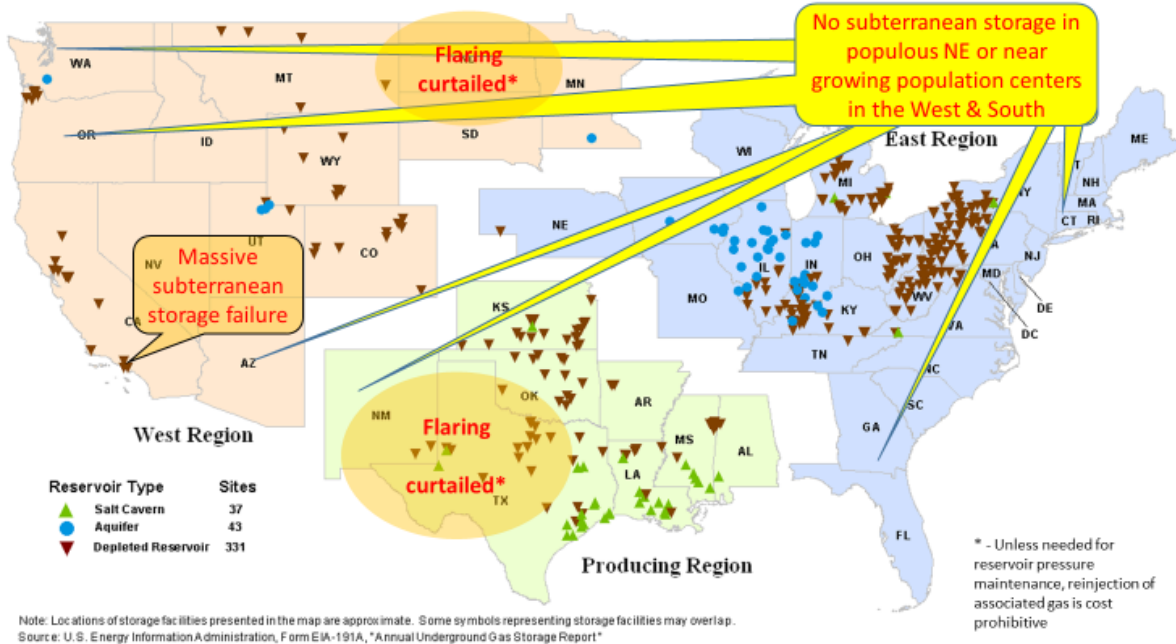


ExxonMobil’s *Outlook for Energy: A View to 2040* predicts **250% growth in global LNG demand by 2040** with opportunities for both CNG and LNG fuels market growth in North America.

Several years of extreme events causing power outages and loss of heating to industrial and residential consumers have made it clear that the US needs distributed gas storage to complement sustainable energy initiatives. Many regions are underserved by existing solutions. ezNG® storage easily enhances pipeline infrastructure in North America to meet localized needs for gas transport and storage.

The world needs efficient storage to meet clean energy goals. Let ezNG Solutions show you how our technology can help meet your storage needs as well as your **GHG** reduction goals.

U.S. Lower 48 Underground Natural Gas Storage Facilities, by Type (December 31, 2010)



For Technology License information CONTACT us in Houston

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