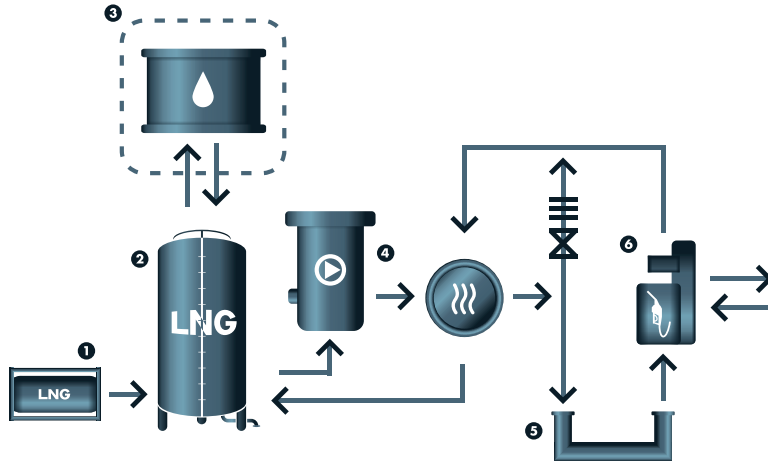


# LNG FUELING

## Flexible Standardized LNG Stations



### LIQAL LNG Station main components

1. Off-load Box
2. LNG Storage
3. Boil-off Gas Treatment Unit
4. Pumpskid with Heater
5. Underground Piping
6. Dispensers

## Performance Features

- Fully Automated, Safe, Robust, Modular, Flexible
- Full control over the Storage and Delivery Conditions (p, T) of the LNG
- Standard LNG Storage Pressure to be set between 3 and 6 bar(g), Saturated Delivery Pressure up to 9 bar(g) on the fly
- Unlimited shelf life of the LNG in the storage = No loss of product = No methane emissions, ensured by efficient reliquefaction of vapour
- Consistent operational performance of the Fueling Station in all conditions
- Low energy consumption, no LIN Logistics and LIN Consumption
- Minimization of heat input from tank process to the LNG in the storage
- Vapour Recovery Capability for trucks
- Great flexibility for placing of Dispensers and off-load box (distance) and integration into existing Diesel Fuel Station
- Suitable for all filling systems in 1 and 2 tank configurations
- 2-Sided Truck Fueling Position
- User friendly Dispenser design for frequent use
- Connection of LNG Station/Dispensers with payment system via IFSF Protocol to any payment system
- LCNG System to be added optionally: the standard LNG Station design is already prepared for the LCNG system

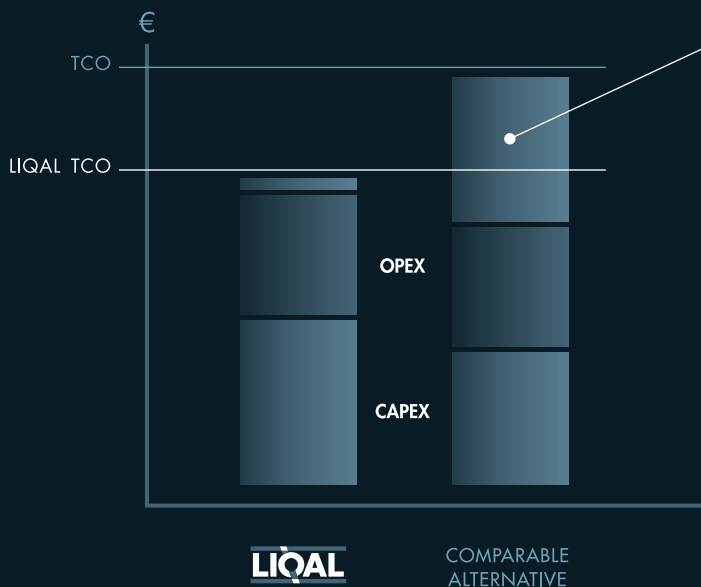
Ambient Conditions	Specification
Outside Temperature	Min -20°C to max +35°C
Average Ambient Temperature	+15°C
Humidity (RH)	Max 85%
Earthquake Zone	Eurocode 8
Max Wind Load	160 km/h

### Design Codes:



# LNG FUELING

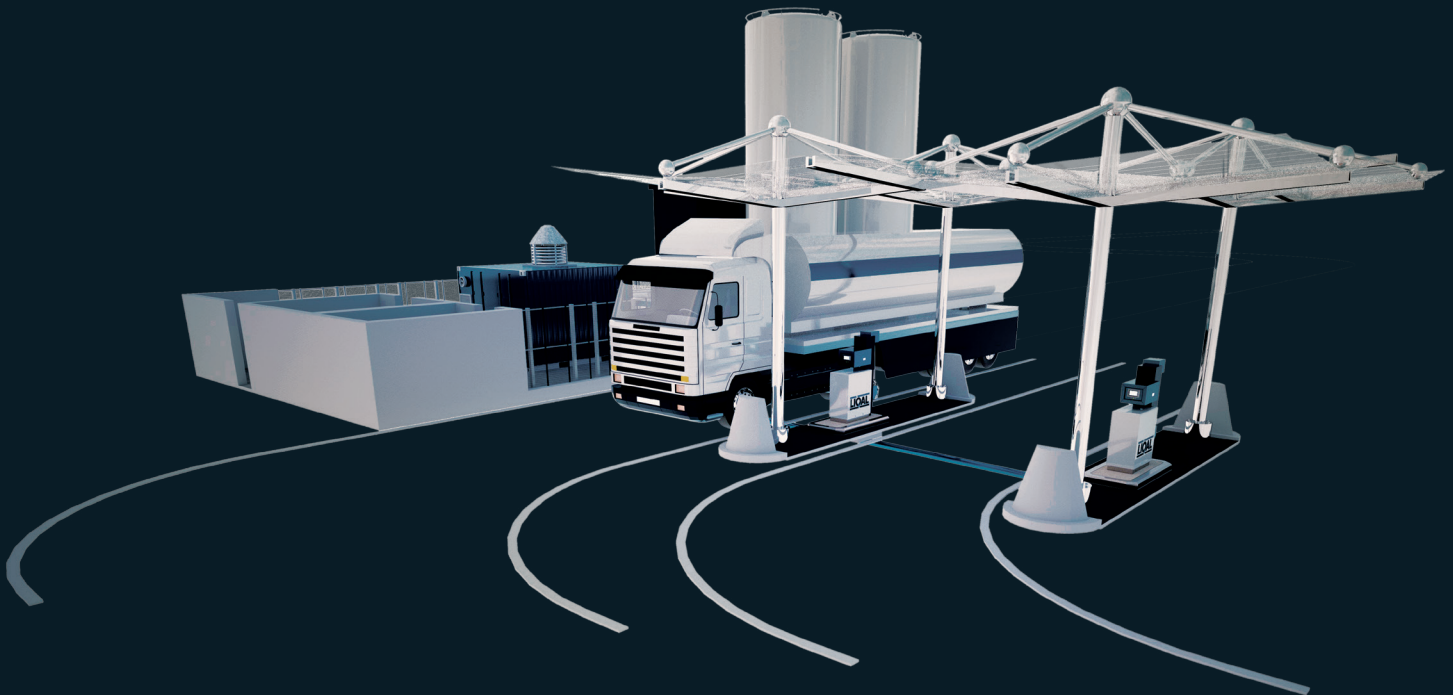
Total Cost of Ownership Comparison Chart



## OVERHEAD EXPENDITURE:

- Emission Prevention / Loss of Product
- Fuel Quality Control
- Consistent Customer Experience
- Asset Management Costs & Time Loss

*Overhead Expenditures can be as high as 35% of your TCO. The LNG Fueling innovations by LIQAL limit these costs to a minimum, and saves your precious time to focus on your regular business operations.*



- Significantly lower TCO
- Save time to focus on regular operations
- Sensible, Versatile and Complete



## CALL LIQAL NOW

FOR A FREE ESTIMATE OR QUOTATION

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