

Middle sized LNG technology on progress

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ABSTRACT

Large natural gas liquefiers and oversea LNG tankers are in service for tenths of years. But in general, nearly all the LNG is being evaporated to long distance pipelines.

In the recent period we witness growing trends of LNG application directly at customer.

The easiest way is use of LNG at off pipeline energetic bases. The advanced technology application is use of LNG directly as automotive fuel on LNG or LCNG stations. Both the technologies bring economical as well as environmental effects.

Examples of the technology like small liquefiers, road and railway tankers, large vacuum insulated storage tanks, off pipeline bases, car refueling stations and car on-board cryogenic fuel tanks will be presented in the paper, as well as regions, where this prospective technology is on progress.