

optimization algorithm for FLNG process using visual basic application

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A natural gas and liquid recovery sequence is proposed for top-side offshore floating liquefied natural gas processing. This proposed Optimizing method has a simple, computing optimizing algorithm using Excel Visual basic Application. The natural gas liquid recovery process added SMR cycle process and Optimizing this process. This work aims to compact of process, so remove heat exchanger and recycle flow and then optimization. depropanizer and debutanizer is integrated by dividing wall column. The results show that the saving energy duty and compact of process.

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