## Minimizing operating cost in LNG receiving terminal

<u>이철진</u>, 임영섭, 한종훈\* 서울대학교 (chhan@snu.ac.kr\*)

The operation of LNG unloading process in LNG receiving terminal largely consists of three parts; recirculation, depressurization and unloading. During this whole unloading process, the operating cost in terminal usually comes from the pump and compressor operation. In this study, we analyzed the conventional unloading operation and then suggest a noble methodology to minimize the operating cost using dynamic simulation.

This research was supported by a grant from the Gas Plant R&D Center funded by the Ministry of Land, Transportation and Maritime Affairs (MLTM) of the Korean government.