Accepted Manuscript

Steady-state non-isothermal flow model for natural gas transmission in pipes

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 PII:
 S0307-904X(16)30369-9

 DOI:
 10.1016/j.apm.2016.06.057

 Reference:
 APM 11263

To appear in:

Applied Mathematical Modelling

Received date:24 June 2014Revised date:20 June 2016Accepted date:29 June 2016



Please cite this article as: Alfredo López-Benito, Francisco J. Elorza-Tenreiro, Luis C. Gutiérrez-Pérez, Steady-state non-isothermal flow model for natural gas transmission in pipes, *Applied Mathematical Modelling* (2016), doi: 10.1016/j.apm.2016.06.057

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Highlights

- A new comprehensive mathematical model for natural gas transport is explained.
- This model works under non-isothermal steady-state conditions
- The model equations can be integrated easily by a conventional method.
- The behavior of the solution method is tested with some real data.
- The numerical solution method is more efficient than related methods.

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