

## 6

**Referencias bibliográficas**

Anónimo, Proyecto de Exportación de GNL, Pampa Melchorita-Perú, Capítulo II, Descripción del Proyecto, Perú LNG S.R.L. i 029-4217, Golder Associates, julio, 2003.

Akhtar S., Driver selection for LNG compressors, MSE (Consultants) Ltd. Disponível em: <<http://www.mse.co.uk>>. Acesso em: 14 dec. 2004.

Andress D.L., Phillips Petroleum Company, The phillips optimized cascade LNG process, A quarter century of improvements, 1996.

Arias, J. M., Gas Natural Licuado – Tecnología y Mercado, Instituto Argentino de la Energía, Abril, 2006.

ASHRAE Handbook, Thermophysical Properties of Refrigerants CHAPTER XIX, 1997.

Barron R. F., Cryogenic Systems, the CRC Handbook of Thermal Engineering, 4 -317, 2000

Bejan A., Graus A. D., Heat transfer handbook, 11, 842-843. (2003).

Berger E., Wolfgang F., Scott R., Paurola P., Comparison of existing liquefaction processes, The Snøhvit Project 12, 2003.

BP Statistical Review of World Energy, June, 2007.

Bredesen A. M., Pettersen J., Hoggen R. L., Guide to compact heat exchangers, plate heat exchanger types, module 2.1, September 2000.

California Energy Commission, Caribbean, South & Central America, 2008. Disponível em: <[www.energy.ca.gov](http://www.energy.ca.gov)>. Acesso em: 14 abr. 2008

Cornitius T., SYNGAS Refiner , Medium-Scale Liquefaction Technology, 2006.

Chavela G. R. C., Análisis de las condiciones de operación del proceso Linde para licuefacción de gases. Tesis de Licenciatura. Universidad de las Americas Puebla, México, 2002.

Del Solar C., PERU LNG El Proyecto de Exportación de Gas Natural, PERU LNG, Agosto 2004.

Enap busca financiamiento para la planta de GNL (2008). Disponível em: <[www.petroleo.com](http://www.petroleo.com)>. Acesso em: 21 jun. 2006.

Engineering Equation Solver (EES), Commercial version V7.258, 258-3D, F-Chart Software, LLC, (10/29/04).

Fisher B., Boutelant P., A new GNL process is now available, paper presented at the GPA Europe Technical Meeting, London, England, February 2002.

Förg W., Steinbauer M., Stockmann R, Voggenreiter F., Spiral wound heat exchangers for LNG baseload plants, Process Engineering and Contracting Division (Linde), Linde AG, 2006.

Förg W., Bach W., Stockmann R., Linde AG, Scott R., Paurola P., Fredheim A. O., A New GNL Baseload Process and Manufacturing of the Main Heat Exchanger, Reports on science and technology, 61/1999.

Fuertes S. R. Marticorena M, Diário Universal, jornada financeira, Precio del petróleo registró su mayor avance histórico En una sola jornada subió 15%, pero no tendría impacto inmediato en el Perú, 2008.

Gonçalves R. E., Projeto terminais flexíveis de GNL, PETROBRAS. Disponível em: <<http://www.gnlpetrobras.com.br>>. Acesso em: 08 out. 2007.

Jacobsen, M.G.: Modelling of the C3-MR LNG process in Aspen HYSYS. Study project at Norsk Hydro, 2006.

Jacobsen M. G., Optimal operation of cooling cycle/LNG process, Appendix: 15, June 12th, 2007

Jensen J. B., Optimal Operation of Refrigeration Cycles, Norwegian University of Science and Technology, Faculty of Natural Sciences and Technology, Department of chemical engineering, May 2008,

Jensen J. B., Skogestad S., Optimal operation of a simple LNG process, Department of Chemical Engineering, NTNU, Trondheim, Norway, International Symposium on Advanced Control of Chemical Processes, Gramado, Brazil, 2006

Hasan M. M. F., Karimi I. A., Grootjans H., Modeling and Simulation of Main Cryogenic Heat Exchanger in an LNG Plant, Department of Chemical & Biomolecular Engineering, National University of Singapore, Friday, 17 November 2006

Heath T., Tidy M., Energy Industries and Technology Unit, Faraday Management Solutions Limited, Department of Trade & Industry, January 2005 - May 2005.

Kessler R. A., Dietert J. A., Stewart R., Reeves M. T., Liquefied Natural Gas, Simmons & Company International, Integrated Oil Research April 7, 2005.

Knott T., Two key elements characterise the liquefin process, Cool future for gas, december 2008.

Kreith F., Timmerhaus K., Lior N., Shaw H., Shah R.K., Bell K. J., The CRC Handbook of Thermal Engineering. Ed. Frank Kreith.

Lemmon E.W., McLinden M. O., Huber M.L., NIST, Reference Fluid Thermodynamic and Transport Properties - REFPROP, NIST, version 7.0, National Institute of Standard and Technology Boulder, Colorado 80305, August, 2002.

LNG process energy usage comparisons. Disponível em: <www.kryopak.com>. Acesso em: 20 ago 2008

Luiz Henrique V. Souza, Mini plantas de GNL e de tratamento gás natural. Disponível em <luizhenique\_99@yahoo.com>. Acesso em: 09 abr. 2007.

Michot M. F., Introduction to LNG, Center for Energy Economics, 2007.

Mokhatab S., Michael J., Global LNG Report, Process selection is critical to onshore LNG economics, Vol. 227 No. 2, February 2006.

Morgan J., LNG, What's happening and why!, Society of petroleum engineers, 2005 – 06.

Mølnvik M. J., Gas Technology, GNL Technologies – State of the art, SINTEF Energy Research, Statoil – NTNU Global Watch Seminar: 29-08-2003.

Neeraas B. O., Fredheim A. O., GNL, fundamentale prinsipp, TPG-4140, 17/10-2006.

Parise, J.A.R., Simulação de sistemas de refrigeração, Trocadores de calor, Capítulo 5, Departamento de Engenharia Mecânica, PUC – Rio, 2005

Pettitt J., Numerical Modeling and Experimental Testing of a Mixed Gas Joule-Thomson Cryocooler, the University of Wisconsin –Madison 2006.

Pierre, Boutelant, Selecting an LNG process, Not an easy task, OAPEC – IFP Joint |Seminar 17-19 June 2008.

Martin P. Y., Jérôme Pigourier, Pierre Boutelant, Axens, Liquefin: an innovative process to reduce LNG costs, 2004.

Martin P. Y., Jérôme Pigourier, Natural Gas Liquefaction Processes Comparison, Axens (France) , Fischer B., IFP (France), 2005.

Martin P. Y., A New Concept For Efficient LNG Trains Liquefin<sup>TM</sup> , Axens IFP Group Technologies, 1st Russia & CIS Gas Technology Conference RGTC 2004 - Moscow 28 & 29 September 2004.

Pillarella M. , Liu Yu-Nan, Petrowski J., Bower R., The C3MR liquefaction cycle: Versatility for a fast growing, ever changing LNG industry, LNG Product Design, Air Products and Chemicals, Inc., Allentown, Pennsylvania, 2005.

Pita G., Introducción al GNL, 2006.

Poppe J., Proyecto SnØhvit, Dragados Offshore completa la primera de licuefacción de gas natural de Europa, No 10. 2006.

Rivera V., Aduku A., Harris O., Evaluation of LNG Technologies, April 30, 2008

Roberts M. J., Joseph M., Petrowski, Liu Y-N., Bronfenbrenner J. C., Large capacity single train AP-X hybrid LNG process, Air products and Chemicals, Inc, Gastech, 2002.

Salof G., Kryopak Contact Information, LNG Process Energy Usage Comparison (Assumed 100% Compression Efficiency). Disponível em: <[www.kryopak.com](http://www.kryopak.com)>. Acesso em: 12 jul. 2008.

Seah, A. K., GNL FPSOs poniendo a flote producción, almacenaje y descarga, ABS Pacific Division, VP Technology & Business Development, 2 December 2005.

Shukri T., Wheeler F., GNL Technologies and the important criteria for selection, from Hydrocarbon Engineering, February 2004.

Smaal A., Liquefaction plants: Development of technology and innovation, 22nd World Gas Conference, Tokyo, Japan, 2003.

Sociedad Nacional de Minería, Petróleo y Energía (Perú), 2005.

Scott W. T., Center for Energy Economics, Jackson School of Geosciences, University of Texas at Austin. 2006

Swenson L.K., Single mixed refrigerant closed loop process for liquefying natural gas, US Patent 4, 033,735, July 5, 1977.

Van de Graaf J. M., Pek B., Large-capacity LNG Trains, The Shell Parallel Mixed Refrigerant Process - LNG Review 2005.

Voigt C., Optimal operation of a Statoil LNG Plant, NTNU, Norwegian University of Science and Technology Faculty of Natural Sciences and Technology Department of Chemical Engineering , March 2008

World Energy Outlook , 2006.

Zieminski N., El Periódico de México, Automotrices EU apuestan a precio petróleo más alto. Disponível em: <<http://www.elperiodicodemexico.com>>. Acesso em: 18 set. 2008