

LNG WRAP-UP

NARUC LNG GROUP

Tuesday, September 01, 2015

The LNG Working Group will be sponsoring a presentation during the Annual Meetings in Austin, TX. The LNG Group-sponsored presentation will take place on Sunday November 8, 2015 and will be part of the Staff Subcommittee on Gas' schedule. Details in the next issue of the Wrap-Up.

Previous issues of the LNG Wrap-Up can be found on the LNG Working Group's page at the following link:
<http://www.naruc.org/Grants/programs.cfm?page=60>

DOMESTIC NEWS (NORTH AMERICA)

FERC-Related (2015)

(8/14) FERC releases the Final EIS for Trunkline Gas' proposed Lake Charles LNG export terminal in Calcasieu Parish, LA.

<http://elibrary.ferc.gov/idmws/common/opennat.asp?fileID=13957330>

(8/3) Downeast LNG filed Draft Resource Report 1 with the FERC as part of the environmental review for its proposed LNG import/export terminal in Robbinston, ME.

<http://elibrary.ferc.gov/idmws/common/opennat.asp?fileID=13947428>

(8/5) The FERC releases Draft EIS for the Oregon LNG project.

<http://elibrary.ferc.gov/idmws/common/opennat.asp?fileID=13948821>

(8/17) The FERC has released a notice of public meetings scheduled for September 2015 in OR and WA to discuss Oregon LNG's Environmental Impact.

<http://elibrary-backup.ferc.gov/idmws/common/opennat.asp?fileID=13958767>

(8/19) FERC issued a notice of intent to prepare an EIA for the planned Freeport LNG Train 4 Project.

<http://elibrary.ferc.gov/idmws/common/opennat.asp?fileID=13960538>

(8/24) Cheniere Corpus Christi filed a construction status report for July '15. <http://elibrary-backup.ferc.gov/idmws/common/opennat.asp?fileID=13965814>

Washington, D.C. (7/31) The U.S. Senate passed a bill that would tax automotive LNG based on energy content. As a result the excise tax on LNG will be reduced from 41.3 cents per DGE to 24.3 cents.

<http://www.truckinginfo.com/news/story/2015/07/lng-excise-tax-now-based-one-energy-equivalent.aspx>

Washington, D.C. (7/31) The U.S. DOE issued an order granting Floridian Natural Gas a, long-term multi-contract, authorization to export LNG to FTA nations from the proposed Martin County facility.

<http://energy.gov/sites/prod/files/2015/08/f25/ord3691.pdf>

Houston, TX (8/4) Bechtel has been selected by Delfin LNG to perform the FEED for a U.S. based FLNG vessel at Port Delfin, approximately 50 miles off the coastline of Cameron Parish, LA.

<http://www.bechtel.com/newsroom/releases/2015/08/bechtel-wins-contract-first-floating-lng-usa/>

The newsletter is compiled for NARUC's LNG Working Group using open-source resources, by Andreas Thanos. The information provided is for situational awareness and neither represents nor reflects any particular views of the LNG Working Group, NARUC, or its members. Mentions are not endorsements. For comments/corrections please email andreas.thanos@state.ma.us

Federal Way, WA (8/4) Totem Ocean Trailer Express announced that it has signed a contract with Keppel Shipyard Ltd for the conversion of the Midnight Sun to dual fuel LNG propulsion.

<http://www.totemocean.com/site-news/totem-ocean-trailer-express-announces-shipyard-for-conversion-to-natural-gas/>

Anchorage, AK (8/5) The Alaska Dispatch News reports that Alaska's Attorney General reject Hilcorp subsidiary Harvest Alaska's effort to acquire LNG plant.

<https://www.adn.com/article/20150805/alaska-ag-rejects-hilcorp-move-acquire-lng-plant>

Washington, D.C. (8/7) The U.S. DOE has granted American LNG Marketing LLC a long-term multi-contract authorization to export up to 60,000 metric tons of LNG to non-FTA nations.

<http://energy.gov/sites/prod/files/2015/08/f25/ord3690.pdf>

Houston, TX (8/11) Cheniere Energy Inc.'s wholly owned subsidiary, Cheniere Marketing International LLP entered into sales arrangements with EDF for the delivery of 26 LNG cargoes on an ex-ship basis from Sabine Pass to the Dunkerque LNG terminal in France. [http://phx.corporate-](http://phx.corporate-ir.net/phoenix.zhtml?c=101667&p=irol-newsArticle&ID=2078895)

[ir.net/phoenix.zhtml?c=101667&p=irol-newsArticle&ID=2078895](http://phx.corporate-ir.net/phoenix.zhtml?c=101667&p=irol-newsArticle&ID=2078895)

Squamish, B.C. (8/11) According to Woodfibre LNG, the British Columbia Environmental Assessment Office has granted Woodfibre's request to resume the environmental assessment process for the proposed Squamish, B.C. facility.

<http://www.woodfibrelng.ca/environmental-assessment-review-period-for-woodfibre-lng-resumes/>

Honolulu, HI (8/12) According to Mark Glick, administrator of Hawaii's Energy Office, shipments deserve consideration if they support the state's renewable energy agenda.

<http://www.bizjournals.com/pacific/news/2015/08/12/lng-needs-to-support-hawaiis-renewable-energy-goal.html>

Washington, D.C. (8/12) The Center for Biological Diversity, Friends of the Earth and Greenpeace petitioned the U.S. Dep't of Commerce to promulgate rules prohibiting the export of natural gas produced in the United States.

<http://media.bizj.us/view/img/6708482/nat-gas-export-ban-petition.pdf>

Calgary, AB (8/13) Canada's NEB grants Pieridae Energy Canada Ltd., a 20-year license to export up to 16.675 billion cubic meters of LNG from the proposed Goldboro, N.S. export facility.

https://docs.neb-one.gc.ca/ll-eng/llisapi.dll/fetch/2000/90466/94153/552726/1059367/2541302/2810943/Letter_Decision_-_Pieridae_Energy_%28Canada%29_Ltd._-_License_to_Export_Natural_Gas_and_Import_Natural_Gas_-_A4S2D4.pdf?nodeid=2811029&vernum=-2

Calgary, AB (8/13) Canada's NEB grants Bear Head LNG a 25 year license to export up to 685.9 Bcf of LNG/year from the proposed terminal near Point Tupper, N.S. [https://docs.neb-one.gc.ca/ll-](https://docs.neb-one.gc.ca/ll-eng/llisapi.dll/fetch/2000/90466/94153/552726/2545224/2546087/2810277/Letter_Decision_-_Bear_Head_LNG_Corporation_-_6_November_2014_Application_for_a_Licence_to_Export_Natural_Gas_and_Import_Natural_Gas_-_A4S2C8.pdf?nodeid=2810750&vernum=-2)

[eng/llisapi.dll/fetch/2000/90466/94153/552726/2545224/2546087/2810277/Letter_Decision_-_Bear_Head_LNG_Corporation_-_6_November_2014_Application_for_a_Licence_to_Export_Natural_Gas_and_Import_Natural_Gas_-_A4S2C8.pdf?nodeid=2810750&vernum=-2](https://docs.neb-one.gc.ca/ll-eng/llisapi.dll/fetch/2000/90466/94153/552726/2545224/2546087/2810277/Letter_Decision_-_Bear_Head_LNG_Corporation_-_6_November_2014_Application_for_a_Licence_to_Export_Natural_Gas_and_Import_Natural_Gas_-_A4S2C8.pdf?nodeid=2810750&vernum=-2)

Kingston, Jamaica (8/15) Phillip Paulwell, Jamaica's energy minister hails the agreement between Jamaica's electricity company (Jamaica Public Service Company Ltd.) and US-based New Fortress Energy for the supply of LNG for generation. <http://jis.gov.jm/energy-minister-hails-jps-lng-deal/>

Seattle, WA (8/19) Jensen Maritime Consultants, a Crowley Maritime subsidiary, develops 2 new customizable LNG bunker barge concepts to meet customers' unique needs. <http://www.jensenmaritime.com/News-and-Media/Press-Releases/Crowley-s-Jensen-Maritime-Develops-Two-New-LNG-Bunker-Barge-Concepts>

Vancouver, B.C. (8/20) Vancouver-based Steelhead LNG and the Malahat Nation signed an agreement for an FLNG off the coast of British Columbia. <http://www.steelheadlng.com/steelhead-lng-and-malahat-first-nation-sign-mutual-benefits-agreement-and-lease-for-lng-project/>

Washington, D.C. (8/20) The U.S. Department of Energy has granted Port Arthur LNG a 25-year license to export the equivalent of 517 Bcf/year from the proposed Port Arthur, TX facility. <http://energy.gov/sites/prod/files/2015/08/f26/ord3698.pdf>

Honolulu, HI (8/24) Despite Gov. Ige's statement of opposition to LNG imports to Hawaii, Hawaiian Electric will continue with plans to import LNG as a bridge fuel. <http://www.bizjournals.com/pacific/news/2015/08/24/hawaiian-electric-not-backing-down-after-governor.html>

Atlanta, GA (8/24) GA-based Southern Co., has entered into an agreement to acquire AGL Resources in a transaction with an enterprise value of \$12 billion. <http://www.southerncompany.com/news/2015-08-24-so-agl.cshtml>

Juneau, AK (8/24) Alaska governor Bill Walker calls for the state of Alaska to acquire TransCanada's position in the LNG project.

<http://www.adn.com/article/20150824/alaska-governor-plans-call-transcanada-buyout-gas-project>

Calgary, AB (8/27) Canada's NEB granted GNL Quebec Inc. a 25-year license to export up to 12.65 million tonnes of LNG from a proposed facility in Québec. https://docs.neb-one.gc.ca/ll-eng/llisapi.dll/fetch/2000/90466/94153/552726/2540979/2813111/Letter_Decision_-_GNL_Qu%C3%A9bec_Inc._27_October_2014_Application_for_a_Licence_to_Export_Gas_as_Liquefied_Natural_Gas_-_A4S9T5.pdf?nodeid=2812708&vernum=-2

Washington, D.C. (8/27) The US DOE granted Corpus Christi Liquefaction a long-term multi-contract authorization to export LNG to FTA nations from Trains 4 & 5 at the proposed San Patricio & Nueces counties, TX terminal. <http://energy.gov/sites/prod/files/2015/08/f26/ord3699.pdf>

INTERNATIONAL NEWS

Jakarta, Indonesia (8/2) Indonesia's Donggi-Senoro LNG project shipped its first LNG cargo of 125,000 m³ on Sunday August 2nd. <http://www.donggisenorolng.co.id/uploads/DSLNG%20Press%20Release%20for%20the%20first%20shipment%20of%20LNG%20Agt%202015.pdf>

Cairo, Egypt (8/3) According to an announcement from Egypt's Planning Ministry, the country plans to import a little less than 8 million tonnes of LNG for the fiscal year July 1, 2015 – June 30, 2016. <http://www.thecairopost.com/news/162440/business/egypt-expects-to-import-7-79-mln-tonnes-of-lng-this-fiscal-year>

Singapore (8/4) Singapore-based Norwegian gas shipping company BW Gas will provide Egypt's EGAS with a FSRU import terminal under a 5-year agreement.

<http://www.bwmaritime.com/news/press-releases/bw-wins-egas-tender-for-the-provision-of-lng-regasification-services>

Athens, Greece (8/7) Athens-based Dynagas is expanding its fleet of ice-breaking LNG carriers by acquiring 5 that were originally ordered by Russia's Sovcomflot. <http://www.lloydlist.com/ll/sector/gas-lng-and-lpg/article466130.ece>

Tehran, Iran (8/9) With the expectation that sanctions on Iran will be lifted, a Japanese delegation headed by the minister of METI, met with Iran's Oil minister, Bijan Namdar Zangeneh to discuss energy cooperation, including LNG.

<http://en.mehrnews.com/news/109133/Oil-min-calls-for-Iran-Japan-joint-LNG-production>

Tokyo, Japan (8/11) Japan did not publish a monthly import price for spot LNG for the month of July due to lack of sufficient import cargoes.

<http://www.meti.go.jp/english/statistics/sho/slng/result/pdf/201507-e.pdf>

Milano, Italy, London, U.K. (8/14) Global LNG Prices hold as major tender results awaited.

<http://af.reuters.com/article/energyOilNews/idAFL5N10P47U20150814?sp=true>

La Spezia, Italy (8/17) New potential for Italy's underused LNG terminals as the country and the EU are considering small-scale LNG and LNG for transportation. <http://www.politico.eu/article/italy-lng-gas-ports-fuel-greenhouse-emissions-eu/>

Monaco (8/18) Dynagas, GasLog, and Golar jointly announced that they have entered into an LNG carrier pooling agreement to market their vessels, which are currently operating in the LNG shipping spot market.

<http://www.businesswire.com/news/home/20150818005670/en/#.VdTm7vIVhBc>

Muscat, Oman (8/19) In a move to diversify its energy strategy and meet the needs of the market, Oman has begun exporting more LNG than previously. <http://www.oilvoice.com/n/Oman-exports-more-LNG-in-move-with-implications-for-oil/aca0d2021d4.aspx>

Perth, Australia (8/20) Chevron Australia issued its quarterly project update for the Gorgon project <http://www.chevronaustralia.com/docs/default-source/publications/gorgon/gorgon-a-project-update-august-2015.pdf?sfvrsn=16>

Milano, Italy (8/21) As the LNG market evolves, Qatar finds itself in a position where it has to alter existing agreements in order to retain its status as the biggest exporter of LNG.

<http://af.reuters.com/article/energyOilNews/idAFL5N10Y0MC20150826?sp=true>

New Delhi, India (8/24) As the sanctions on Iran are expected to be lifted, India's state owned utility, GAIL, is in talks with Tehran to revive a \$22 billion agreement.

<http://economictimes.indiatimes.com/industry/energy/oil-gas/gail-in-talks-with-iran-to-revive-decade-old-22-billion-lng-deal/articleshow/48639378.cms>

Cairo, Egypt (8/24) Egypt seeks LNG deliveries to Jordan. The gasified LNG will then be piped to Egypt.

<http://www.sweetcrudereports.com/2015/08/23/traders-egypt-seeks-lng-cargoes-via-jordan/>

Moscow, Russia (8/26) The Shakhalin-2 project which became operational in February 2009, announced that on August 25, 2015, it loaded its 1,000th cargo which was headed to Japan.

<http://en.portnews.ru/news/205408/>

Panama City, Panama (8/27) The Panama Canal expansion project was going to help shorten the route of LNG tankers from the Gulf of Mexico to the Asian markets. However, the project is experiencing more delays due to cracks in the concrete. <http://gcaptain.com/a-concrete-sample-was-pulled-from-the-new-panama-canal-locks-and-it-does-not-look-good/#.VeCk-IVhBe>

Moscow, Russia (8/27) Russian Rosneft enters the global LNG market by signing a master LNG supply and purchase agreement with the Egyptian Natural Gas Company.

<http://www.rosneft.com/news/pressrelease/27082015.html>

Oslo, Norway (8/28) Litgas, Lithuania's LNG importer which has a 5-year contract with Statoil may exercise its right to resell cargoes as demand for LNG in the Baltic nation is dropping.

<http://af.reuters.com/article/commoditiesNews/idAF L5N1132A520150828>

Oslo, Norway (8/28) With an expectation that the global LNG market will grow by 50% in the next five years, Höegh LNG sees strengthening demand for FSRUs.

<http://www.ihsmaritime360.com/article/19104/hoegh-lng-sees-strengthening-demand-for-fsrus>

Milano, Italy (8/30) Eni Has made a significant discovery in the Egyptian territorial waters, with the potential of 30 Tcf. Egypt a former LNG exporter has entered into agreements to import LNG for the near future.

http://www.eni.com/en_IT/attachments/media/press-release/2015/08/PR_EniEgypt_eng.pdf

Muscat, Oman (8/30) Oman, which exports LNG to Spain and several Asian countries under long term contracts, is considering LNG imports as domestic demand for natural gas increases.

<http://www.bloomberg.com/news/articles/2015-08-30/oman-said-to-consider-importing-lng-as-domestic-gas-use-surges>

Tel Aviv, Israel (8/31) Eni's announcement of the significant gas discovery offshore Egypt has impacted the value of the Israeli-based companies involved in the Tamar and Leviathan projects.

<http://www.globes.co.il/en/article-israeli-energy-stocks-plunge-after-egyptian-gas-find-1001065410>

ANALYSIS-OPINION-OTHER

POTOMAC, MD (8/2) "U.S. gas exports: the pipe dream" Opinion by in the Journal of Energy Security casting doubt on the market for U.S. LNG exports.

http://www.ensec.org/index.php?option=com_content&view=article&id=582:us-gas-exports-the-pipe-dream&catid=126:kr&Itemid=395

Abbotsford, B.C. (8/4) "Why Vedder Transport jumped at opportunity to buy Bison's LNG trucks" by James Menzies editor of Truck News.

<http://www.trucknews.com/sustainability/why-vedder-transport-jumped-at-opportunity-to-buy-bisons-lng-trucks/1003067038/>

Toronto, ON (8/4) "LNG shipping has an enviable safety record" by Capt. Stephen Brown, President of Shipping of British Columbia in The Globe and Mail.

<http://www.theglobeandmail.com/globe-debate/lng-shipping-has-an-enviable-safety-record/article25806219/>

New York, N.Y. (8/5) "Liquefied Natural Gas Makes Qatar an Energy Giant" by Stanley Reed of The New York Times.

http://www.nytimes.com/2015/08/06/business/energy-environment/liquefied-natural-gas-makes-qatar-an-energy-giant.html?_r=1

Toronto, ON (8/6) "B.C.'s LNG project threat to salmon habitat: study" A report by Brent Jang on a First Nations' study on the impact of the planned Pacific NorthWest LNG terminal on salmon habitat.

<http://www.theglobeandmail.com/news/british-columbia/proposed-lng-terminal-in-bc-poses-risk-to-salmon-report/article25861399/>

Moscow, Russia (8/10) "U.S. sanctions put Gazprom-Shell alliance plans in jeopardy" An article discussing resource-specific U.S. sanctions on Russia. By Denis Pinchuk and Katya Golubova of Reuters.

<http://www.reuters.com/article/2015/08/10/russia-crisis-sanctions-gazprom-idUSL5N10L1U620150810>

Houston, TX (8/11) “*Cheniere CEO won’t roll over for billionaire activist investor, analyst says*” A discussion on the impact of Carl Icahn’s 8.18 percent interest acquisition in Cheniere. By Suzanne Edwards of Houston Business Journal. http://www.bizjournals.com/houston/blog/drilling-down/2015/08/cheniere-ceo-wont-roll-over-for-billionaire.html?ana=e_hstn_nrg&u=MeRNIMIZ8xducgs3LOC3dQ0cf67be0&t=1440449427

Houston, TX (8/11) “*Japan’s resumption of nuclear power bad news for natural gas*” by Chris Tomlinson of the Houston Chronicle. <http://www.houstonchronicle.com/business/outside-the-boardroom/article/Japan-s-resumption-of-nuclear-power-bad-news-for-6437472.php>

Anchorage, AK (8/12) “The Global Race for Liquefied Natural Gas: Commercializing Alaska’s natural Gas” a report authored by Margo Thorning, Ph.D. on behalf of the American Council for Capital Formation. http://actonlng.org/wp-content/uploads/2015/08/ACCF-White-Paper_8_10_2015_d21.pdf

Ottawa, ON (8/17) “*Two National Energy Board approved LNG projects hinge on U.S. permits*” analysis by Shawn McCarthy of the Globe and Mail on the NEB’s recent decisions (8/7) approving two export applications for Canada’s east coast. <http://www.theglobeandmail.com/report-on-business/industry-news/energy-and-resources/two-national-energy-board-approved-lng-projects-hinge-on-us-permits/article25995937/>

Denver, CO (8/21) A new Bentek report “*LNG Exports: Oasis or Mirage*” by Ross Wyeno, projects that US LNG operators will enter the market late in the “game.” <http://www.platts.com/IM.Platts.Content/Downloads/externalmedia/lng-exports-oasis-or-mirage-august-2015.pdf>

London, U.K./Milano, Italy (8/25) “*Qatar raises its game to fend off next LNG giants*” a discussion by S. McFarlane and O. Vukmanovic of Reuters on Qatar’s efforts to hold its dominance in the LNG market. <http://uk.reuters.com/article/2015/08/25/qatar-lng-idUKL5N10V3PG20150825>

Houston, TX (8/27) “*Commentary: 10 challenges faced by the global LNG market*” by Matt Smith of the Houston Chronicle.

<http://fuelfix.com/blog/2015/08/27/10-challenges-faced-by-the-global-lng-market/>

Victoria, B.C. (8/29) “*Editorial: Work together for LNG benefits*” Editorial in the Times Colonist on the potential economic benefits LNG will bring to British Columbia’s First Nations.

<http://www.timescolonist.com/opinion/editorials/editorial-work-together-for-lng-benefits-1.2044318>

Washington, D.C. (8/31) According to data from the US DOE shows that the number of public LNG fueling stations will increase to 133 when all planned facilities are completed.

	Existing & Planned	Existing April '15
LNG	133	73
Hydrogen	52	13
CNG	1009	814
Electric	10644	9187
Ethanol	2668	2574
LPG	1435	2824
Biodiesel	248	283

Links to some entities mentioned in this issue	
Freeport LNG	http://www.freeportlng.com/
Steelhead LNG	http://www.steelheadlng.com/
Dynagas	http://www.dynagas.com/
Jensen Naval Architects	http://www.jensenmaritime.com/
Höegh LNG	http://www.hoeghlng.com/
Eni	http://www.eni.com/en_IT/home.html
Alternative Fuels Data Center	http://www.afdc.energy.gov/locator/stations/