LNG Unlimited Data

LNG Weekly

Monday, 8 July 2019

Summary

Pacific Basin

- Last week's Pacific imports stood at 4.16mmt compared to 5.37mmt the week prior and 4.45mmt year-on-year.
- Pacific import capacity utilisation stood at 53% last week, compared to 68% the week prior.
- We expect 4.55mmt to reach their delivery points across the Pacific Basin by the end of this week.
- Pacific producers shipped 2.48mmt last week compared to 2.89mmt the week prior and 2.60mmt year-on-year.
- Pacific export capacity utilisation stood at 82% last week, compared to 96% the week prior.
- Our data shows there are currently 4.23mmt of Pacific exports still in transit, and we are expecting regional exporters to deliver 2.70mmt by the end of this week.
- We expect 32 cargo liftings (1.92mmt) within the Basin by the end of this week.

Atlantic Basin

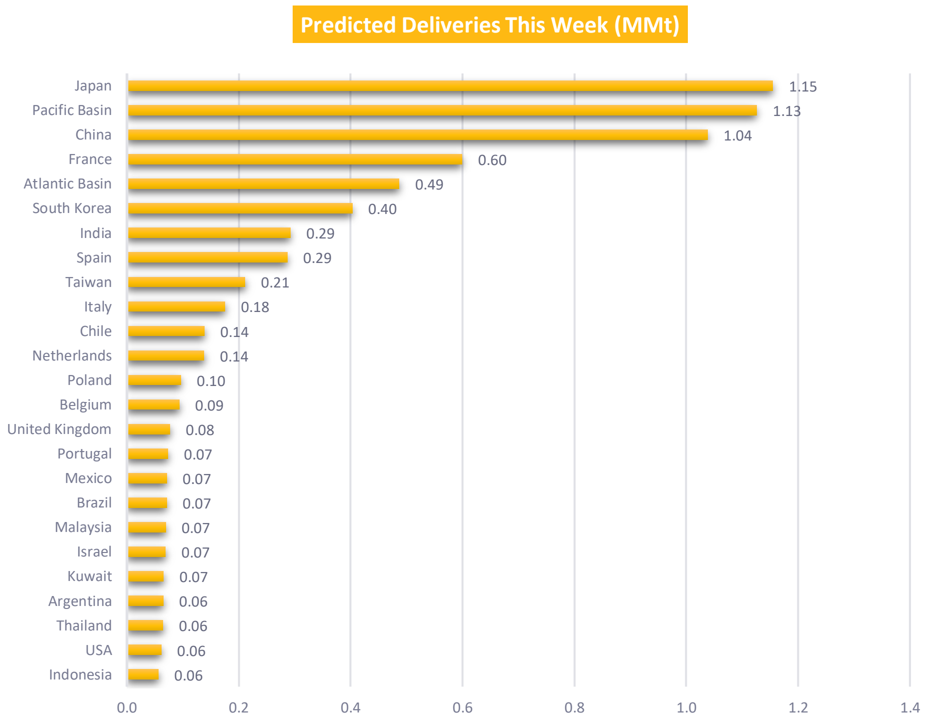
- Buyers across the Basin took in 1.67mmt last week compared to 2.40mmt the week prior and 1.30mmt year-on-year.
- Atlantic import capacity utilisation stood at 35% last week, compared to 50% the week prior.
- Currently 1.81mmt are to reach their destinations across the Atlantic Basin by the end of this week.
- The Atlantic Basin shipped 2.03mmt last week compared to 2.13mmt the week prior and 1.43mmt year-on-year.
- Atlantic export capacity utilisation stood at 98% last week, compared to 102% the week prior.
- There are 5.38mmt of Atlantic exports still in transit, and we are expecting regional exporters to deliver 2.65mmt by the end of this week.
- We expect 19 cargo liftings (1.31mmt) within the Basin by the end of this week.

Middle East

- Middle Eastern LNG imports stood at 0.35mmt last week compared to 0.57mmt the week prior and 0.40mmt year-on-year.
- Middle Eastern import capacity utilisation stood at 56% last week, compared to 94% the week prior.
- Middle Eastern buyers are due to receive 0.13mmt in deliveries by the end of this week.
- Regional LNG producers ended last week with 1.96mmt exported compared to 1.56mmt the week prior and 1.95mmt year-on-year.
- Middle Eastern export capacity utilisation stood at 91% last week, compared to 72% the week prior.
- There are currently 3.59mmt of Middle Eastern LNG in transit, we are expecting regional exporters to deliver 1.63mmt by the end of this week.
- We expect 20 cargo liftings (1.58mmt) within the Basin by the end of this week

Expected Deliveries this Week

Japan tops list for LNG deliveries with 1.15mmt



Source: LNG Unlimited Data

Pacific Basin

We are currently expecting 4.55mmt to be delivered within the Pacific Basin by the end of this week, constituting an increase of 4% over our expectation at this point last week. At least 57% are destined for Japan (1.15mmt), China (1.04mmt) and South Korea (0.40mmt) whilst 1.13mmt are still without a confirmed destination within the Basin.

Current market visibility suggests the largest share of LNG scheduled to arrive in Japan within this week is coming from Australia (0.27mmt, 24%), inter alia under contracts with Darwin LNG (0.12mmt) and Pluto LNG (0.08mmt). Among LNGCs currently under way, the *Energy Horizon* and the *Pacific Notus* are scheduled to dock at Sodegaura by Thursday. Japan's current import schedule thus suggests offtakes are likely to decrease by 0.20mmt (-15%) week-on-week and by 0.36mmt (-24%) year-on-year for the equivalent period.

The largest single source of LNG destined to arrive in China within this week is Australia's Australia Pacific LNG (0.23mmt), followed by Gorgon LNG (0.15mmt). Of those LNGCs currently en route, the *CESI Qingdao* will dock at the Beihai LNG terminal by Monday whilst the *Southern Cross* is arriving at Jiangsu LNG on Saturday. China's expected imports are thus likely to increase by 0.28mmt (37%) week-on-week but decrease by 0.07mmt (-6%) year-on-year for the equivalent period.

Meanwhile, expected deliveries to South Korea this week are also mainly coming from Australia, inter alia Gorgon LNG (0.8mmt, 19%). The *Maran Gas Achilles* and the *LNG Kolt* will dock at Incheon and Pyeongtaek by Wednesday and Thursday, respectively. The country's imports are thus headed for a decrease by 0.17mmt (-29%) week-on-week but improve by 0.02mmt (7%) year-on-year for the equivalent period.

Atlantic Basin

The Atlantic Basin is currently expected to receive 2.29mmt by the end of this week, constituting an increase of 49% week-on-week. Roughly 0.49mmt are still without a clear destination within the Basin, whilst 46% are destined for France (0.60mmt), Spain (0.29mmt) and Italy (0.18mmt).

France's currently expected LNG deliveries within the week are mainly coming from Qatar's Ras Laffan (0.24 mmt, 40%) aboard, inter alia, the *Mekaines* currently headed for Dunkerque Le Clipton to arrive by Tuesday. The country's imports are thus set to increase by 0.39mmt (192%) week-on-week and by 0.46mmt (336%) on a year-on-year basis.

Concurrently, market visibility indicates Spain sourced much of its imminent LNG deliveries from Qatar (0.09mmt) aboard, inter alia, the *Al Ruwais*, which is scheduled to arrive at Sagunto by Friday. The country's imports, therefore, are likely to decrease by 0.15mmt (-35%) week-on-week whilst increasing by 0.19mmt (189%) year-on-year.

The Atlantic's third largest importer this week – Italy – is anticipating its imminent LNG deliveries to derive from Trinidad & Tobago's Atlantic LNG aboard the *British Partner* and Qatar's Ras Laffan aboard the *Al Deebel* to arrive at the Rovigo terminal off the Venetian coast by Monday and Wednesday, respectively. Based on the current delivery horizon, Italy is likely to see its imports increase by 0.03mmt (25%) week-on-week and by 0.17mt year-on-year.

Middle East

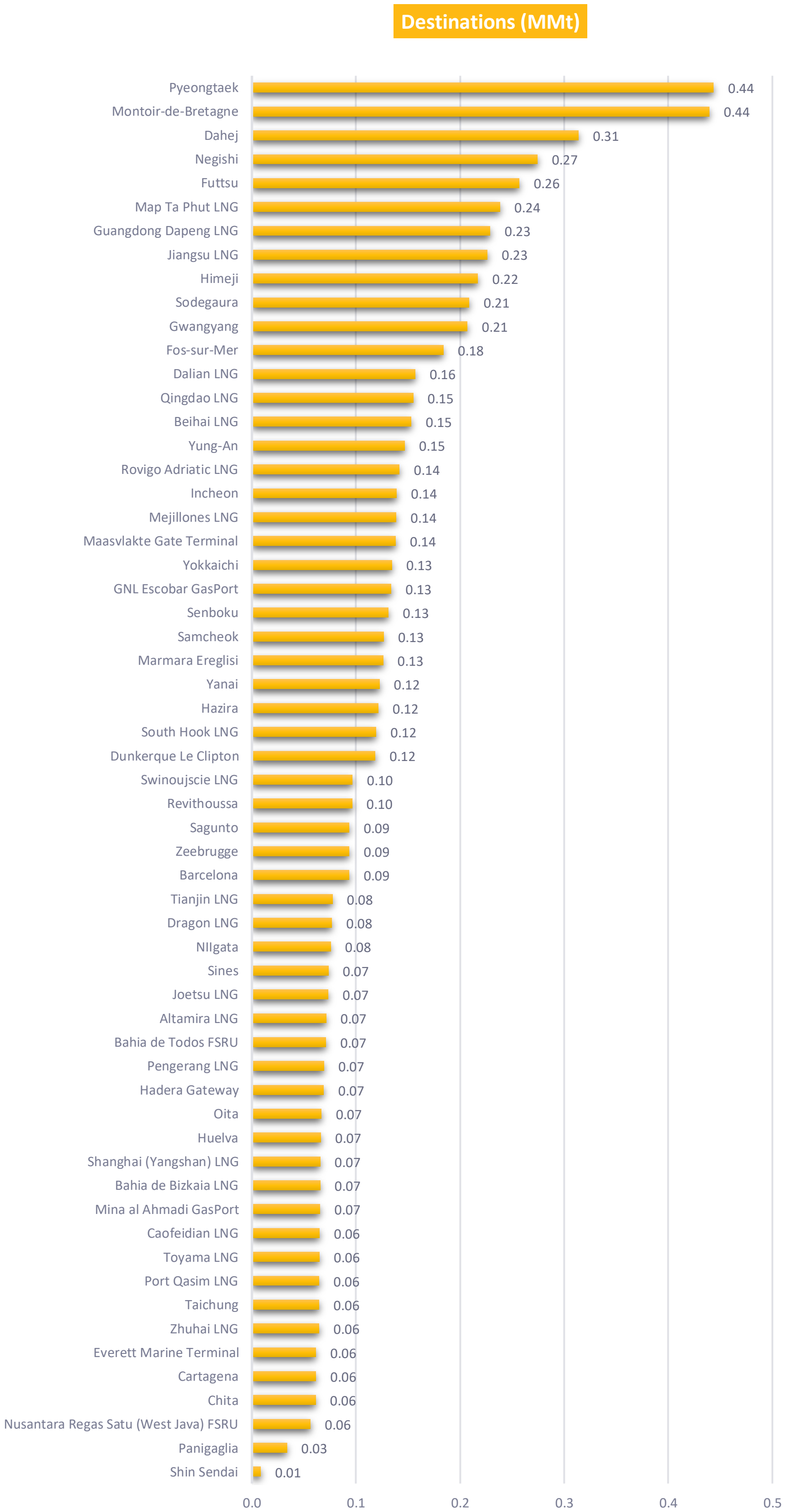
In the Middle East, Israel's Hadera Gateway terminal is expecting a Russian cargo of 0.07mmt aboard the *British Diamond* by Saturday. The country's imports, therefore, are likely to increase by 0.07mmt (100%) week-on-week and by 0.01mmt (12%) year-on-year. Kuwait, meanwhile, is expecting a cargo of 0.07mmt from Oman LNG about the *Salalah LNG* by Wednesday.

LNG & Gas Hub Price Updates

- Southeast Asia spot prices for August dropped to $4.02/MMBtu, continuing on to $4.23 for the 1H September and $4.28 for 2H September.
- Prices for North Asia declined to an August average of US$4.43/MMBtu but moved to $4.52 for 1H September and $4.58 for the 2H September.
- The Dubai-Kuwait-India price averaged US$4.245/MMBtu for August, rose to $4.30 for 1H September and $4.44 for 2H September.
- In the Atlantic Basin, the UK NBP stood at $3.70/MMBtu and the Dutch TTF was at $3.65/MMBtu.
- In the Australian market, volumes in Queensland were priced at the equivalent of US$3.65/MMBtu.

LNG in Transit

Currently 13.20mmt of LNG on the water



Source: LNG Unlimited Data

Total LNG volumes currently in transit amount to 13.20mmt, representing an increase of 1.24mmt (10%) week-on-week. Current market visibility pegs the delivery horizon at 12 August.

There are currently 7.78mmt destined for the Pacific Basin, whereby Japan's Negishi terminal is leading the table with 0.27mmt and a delivery horizon of 15 July, inter alia via the *LNG Pioneer* sailing from Australia's Darwin LNG plant.

Notably, of the 7.78mmt currently in transit, 2.83mmt have yet to have a firm destination, which are broadly destined for the Far East by 12 August.

At the point of writing, NWS LNG tops the list of origin terminals in the Pacific with 0.68mmt currently in transit, followed by Malaysia LNG with 0.53mmt and Gorgon LNG with 0.50mmt via, inter alia, the *Gaslog Houston* (0.08mmt), the *Maran Gas* Achilles (0.08mmt) and the *Flex Constellation* (0.08mmt). The delivery horizon for Pacific in-transit exports by the Basin's top 3 plants above is currently 24 July.

The Atlantic Basin, meanwhile, can expect to receive 3.72mmt by 02 August. Confirmed Atlantic deliveries are led by 0.44mmt worth of orders destined for the France' Montoir-de-Bretagne with a delivery horizon of 18 July.

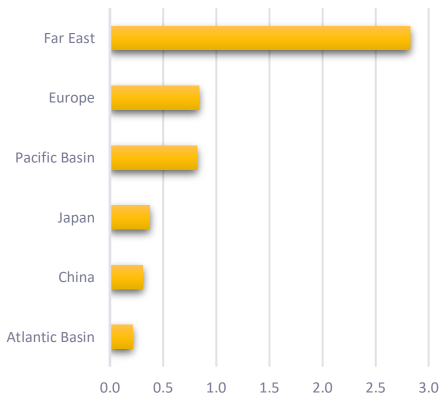
As with the Pacific Basin, there are still roughly 0.84mmt of in-transit LNG that has yet to have a confirmed destination. Around 0.84mmt (100%) are currently broadly destined for Europe by 02 August.

Among Atlantic exporters with LNG deliveries currently pending, Sabine Pass LNG is in the lead with 1.69mmt, followed by Yamal LNG with 0.68mmt and Bonny Island with 0.67mmt. These cargoes are currently onboard, inter alia, the *LNG Schneeweisschen* (0.08mmt), the *Marvel Kite* (0.08mmt) and the *Castillo de Caldelas* (0.08mmt). The delivery horizon for Atlantic in-transit exports is currently 12 August.

Meanwhile, there are currently 3 cargoes – 0.20mmt – headed for the Middle East, destined for Israel's Hadera Gateway terminal, Kuwait's Mina al Ahmadi GasPort and Pakistan's Port Qasim LNG terminal by 15 July.

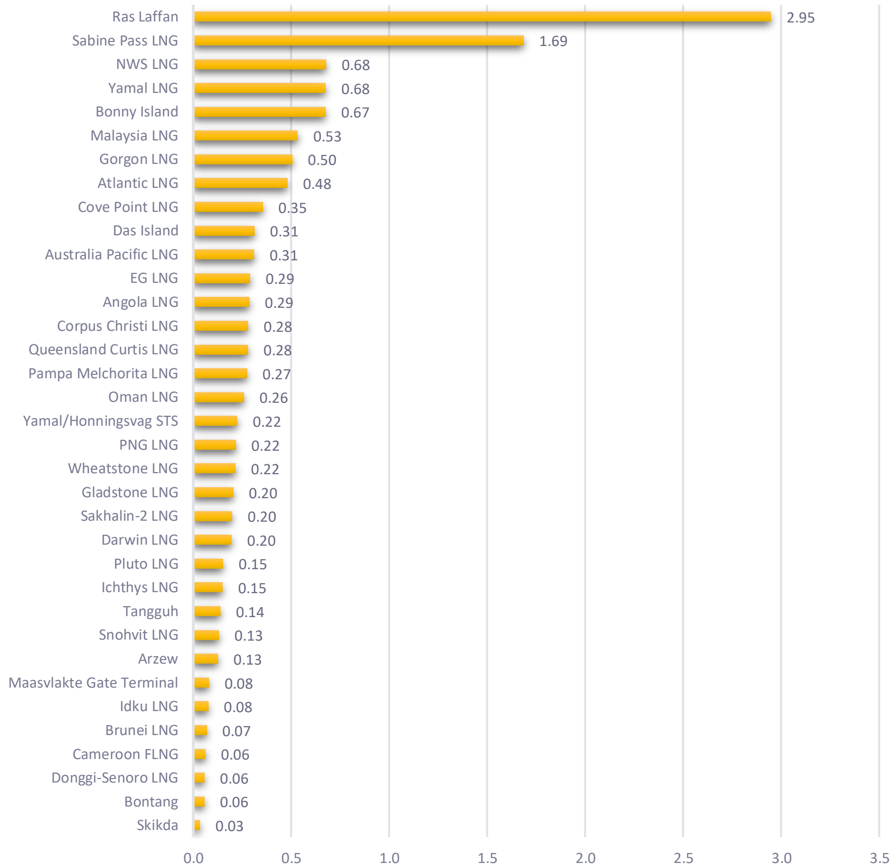
In terms of Middle Eastern cargoes currently under way to destinations outside the Basin, 3.46 mmt currently have a delivery horizon of 30 July, including 2.88mmt that originated in Qatar, with a further 0.19mmt coming from Oman's Qalhat terminal and 0.31mmt from the UAE's Das Island facility via, inter alia, the *Al Dafna* (0.12mmt), the *Mekaines* (0.12mmt) and the *Mozah* (0.12mmt). Egypt's Idku LNG currently has one cargo at sea (0.08mmt) aboard the *Stena Clear Sky*, due to arrive at in the Far East by mid-July.

In-transit LNG w/ Closest Known Destination (MMt)



Source: LNG Unlimited Data

Origins (MMt)



Source: LNG Unlimited Data

Expected Cargo Liftings

According to today's vessel schedule, the end of this week will have seen 71 cargo liftings amounting to 4.81mmt, representing a 0.88mmt (22%) increase week-on-week.

The Pacific Basin is expected to account for 32 of this week's liftings, meaning that roughly 1.92mmt will be exported throughout the Basin by Sunday.

In Australia, Gorgon LNG is expected to lead the continent's export terminals this week, with 2 cargoes (c. 0.16mmt) likely to be lifted, followed by Pluto LNG (2 cargoes, 0.14mmt) and Gladstone LNG (2 cargoes, 0.13mmt). Meanwhile, the remaining Australian plants are scheduled to load a total of 6 cargoes amounting to 0.41mmt by Sunday.

In Southeast Asia, Malaysia LNG is scheduled to export up to 13 cargoes amounting to 0.67mmt whilst across the border Indonesia is currently looking to export 2 cargoes from Tangguh LNG this week.

Other LNG export plants within the Basin, namely Russia's Sakhalin-2 LNG at Prigorodnoye on Sakhalin Island and PNG LNG in Papua New Guinea are expected to export 3 and 1 cargoes, respectively, totalling 0.28mmt.

Meanwhile, the Atlantic Basin is expected to see 19 cargo liftings, so that up to 1.31mmt will be exported throughout the Basin by Sunday night.

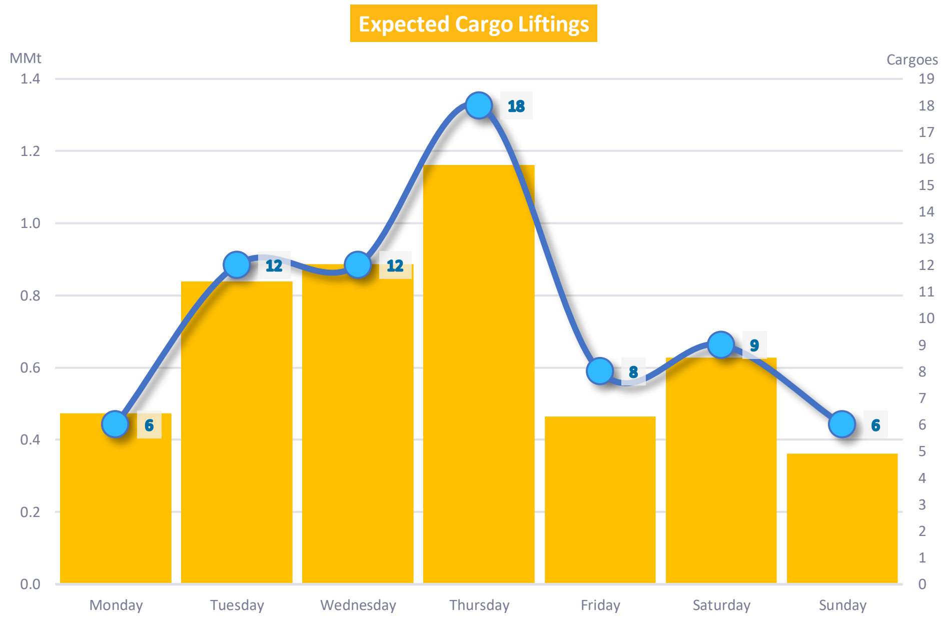
A significant share of liftings in the Atlantic is going to materialise in the **United States**, where Sabine Pass LNG is preparing for 5 cargoes (0.39mmt) to be lifted, inter alia, aboard the *SM Eagle* and the *Magdala.*

Elsewhere in the Atlantic Basin we expect up to 14 cargoes (0.93mmt) to be lifted during this week. Whilst Angola's Soyo plant is currently set to export one cargo this week, Nigeria is looking to dispatch 2 shipments amounting to 0.14mmt. Algeria, meanwhile, is expected to load up to 4 cargoes – aboard, inter alia, the *Cheikh El Mokrani,* the *Lalla*

Fatma N'Soumer and the *Berge Arzew* – to ship a total of 0.24mmt. On the other side of the Atlantic, we currently expect Trinidad's Atlantic LNG to load 3 cargoes (0.19mmt) this week.

In Europe, Snøhvit LNG is scheduled to load one cargo this week in addition to the usual ship-to-ship transfers of Yamal LNG cargoes for onward transport to Europe at Honningsvåg, though these have notably declined over the past weeks. Meanwhile, Yamal LNG itself is looking to ship 3 cargoes (0.22mmt) by Sunday.

Middle Eastern cargo liftings this week are likely to amount to 20 by Saturday, most of which (01.33mmt) are going to take place at Qatar's Ras Laffan LNG complex, inter alia aboard the *Al Kharaitiyat* and the *Raahi*.



Source: LNG Unlimited Data

Expected Cargo Liftings (MMt)

Country	Plant	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Algeria	Arzew	–	–	–	0.13	–	–	–
	Skikda	–	0.03	–	–	–	0.08	–
Angola	Angola LNG	–	–	–	–	0.07	–	–
Australia	Australia Pacific LNG	–	–	0.07	–	–	–	–
	Darwin LNG	–	–	–	–	–	0.06	–
	Gladstone LNG	–	0.06	–	–	0.07	–	–
	Gorgon LNG	–	0.08	–	0.08	–	–	–
	Ichthys LNG	–	–	–	–	–	–	0.06
	NWS LNG	–	0.07	–	–	–	–	–
	Pluto LNG	–	–	0.08	–	–	–	0.07
	Queensland Curtis LNG	–	0.08	–	–	–	–	–
	Wheatstone LNG	–	–	–	0.07	–	–	–
Brunei	Brunei LNG	–	–	–	–	–	–	–
Cameroon	Cameroon FLNG	–	–	–	–	–	–	–
Canada	Tilbury LNG	–	–	–	–	–	–	–
E. Guinea	EG LNG	–	–	–	–	–	–	–
Egypt	Damietta SEGAS LNG	–	–	–	–	–	–	–
	Idku LNG	–	–	–	–	–	–	–
Indonesia	Bontang	–	–	–	–	–	–	–
	Donggi-Senoro LNG	–	–	–	–	–	–	–
	Tangguh	0.07	–	–	–	–	–	0.06
Malaysia	Malaysia LNG	0.13	0.06	0.13	0.11	0.09	0.06	0.10
	PFLNG Satu	–	–	–	–	–	–	–
Nigeria	Bonny Island	–	0.08	–	–	0.07	–	–
Norway	Snøhvit LNG	–	–	0.06	–	–	–	–
Oman	Oman LNG	–	0.07	–	0.06	–	0.06	–
Peru	Pampa Melchorita LNG	–	–	–	–	–	–	–
PNG	PNG LNG	–	–	–	0.08	–	–	–
Qatar	Ras Laffan	0.27	0.10	0.34	0.36	0.09	0.16	–
Russia	Sakhalin-2 LNG	–	0.06	–	0.13	0.01	–	–
	Yamal LNG	–	–	–	0.15	–	–	0.07
Singapore	Singapore LNG	–	–	–	–	–	–	–
Trin. & Tobago	Atlantic LNG	–	–	0.06	–	0.07	0.06	–
UAE	Das Island	–	–	0.06	–	–	–	–
United States	Cove Point LNG	–	–	–	–	–	–	–
	Sabine Pass LNG	–	0.15	0.08	–	–	0.15	–
	Total	**0.47**	**0.84**	**0.89**	**1.16**	**0.47**	**0.63**	**0.36**

Source: LNG Unlimited Data

Oman is currently looking to load 3 cargoes by Saturday. The *Golar Tundra*, the *SK Splendor* and the *Hyundai Aquapia* are scheduled to sail out of Oman LNG between Tuesday and Sunday, to ship a total of 0.19mmt.

Concurrently, the plant on Das Island in the UAE is scheduled to load 1 cargo for the remainder of this week aboard the *Ghasha* by Wednesday. Egypt's Idku LNG, on the other hand, does not currently seem to have scheduled a cargo loading this week, although the *Gaslog Shanghai* has been idling in the area since end-June and may therefore take a cargo on short notice.

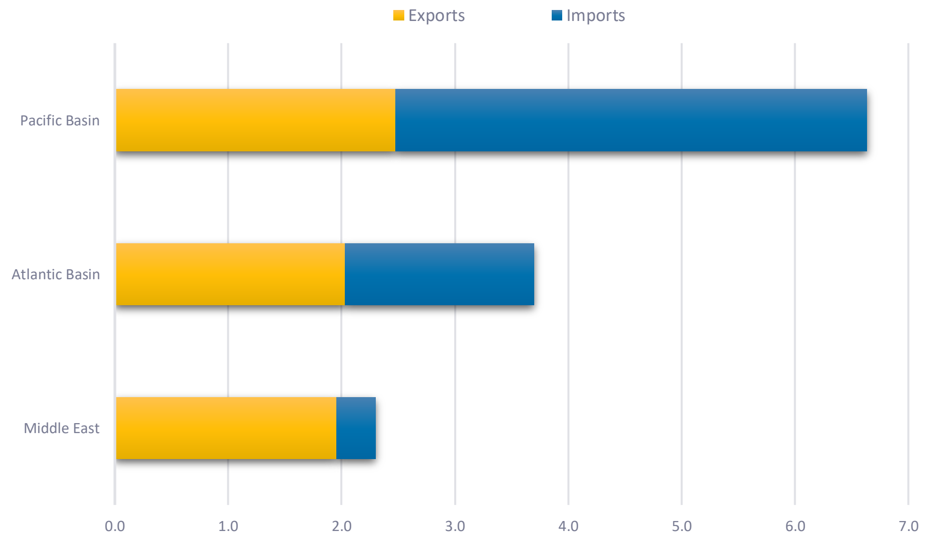
The current schedule therefore suggests peak loading activity of 18 cargoes on Thursday, followed by 12 on Wednesday, whilst Sunday is looking to be the least active day of the week at just 6 loadings.

Trade Last Week

Last week's Global LNG trade stood at 12.63mmt, having thus decreased by 2.28mmt (-15.3%) week-on-week. Notably, around 5.75mmt had been shipped in previous weeks but were only delivered last week.

Regional trade in the Pacific stood at 6.64mmt last week, resulting in a 1.62mmt (-20%) trade decrease week-on-week. Meanwhile, last week's trade in the Atlantic Basin fell by 0.83mmt (-18.4%) and the Middle East saw positive trade growth of 0.17mmt (8%) over the same period.

LNG Trade over the past Week



Source: LNG Unlimited Data

The Pacific thus ended last week with 0.41mmt (-14%) less in exports, up from 2.89mmt the week prior. This in turn translated into capacity utilisation of 82% for last week, a decrease of ca. 14pp over the week prior.

Meanwhile, the Basin's imports reduced by 1.21mmt (-22.5%) to 4.16mmt last week. As a result, Pacific import capacity utilisation remained steady at 53% week-on-week.

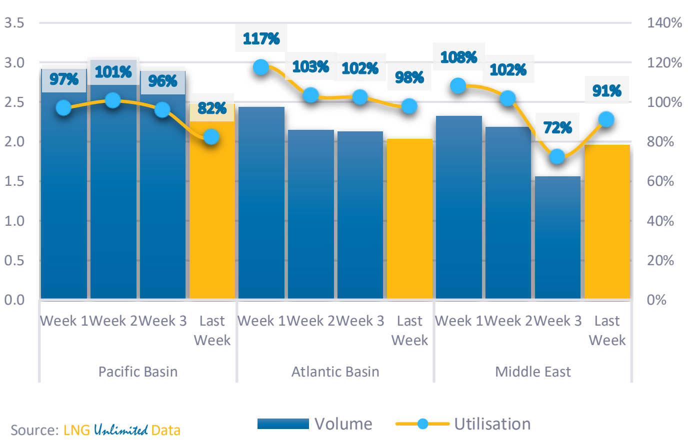
Meanwhile, Atlantic Basin exports had amounted to 2.03mmt by midnight on Sunday, a 4.5% decrease compared to the week prior. This in turn translated into regional export capacity utilisation of 98% for the week, a decrease of 5pp over the week prior.

Over the same one-week period, the Basin's imports also decreased by 0.73mmt (-31%) to 1.67mmt. As a result, Atlantic import capacity utilisation stood at 35% for the week, a decrease of c. 15pp over the week prior.

As for the Middle East, the region's exports had grown by 0.40mmt by midnight on Sunday, a 26% increase compared to the week prior. As such, regional export capacity utilisation stood at 91% for the week, an increase of 19pp over the week prior.

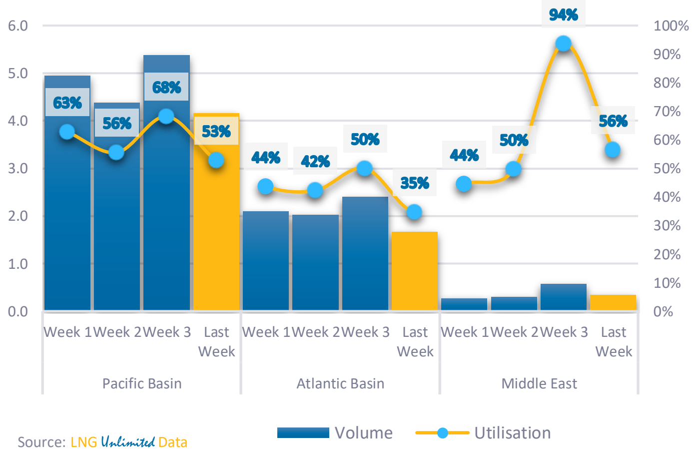
Concurrently, the Middle East's imports saw negative growth, decreasing robustly by -0.23mmt (-40%) to 0.35mmt. The Middle East's import capacity utilisation stood at 56% for the week, constituting a decrease of 37pp over the week prior.

Exports & Capacity Utilisation Last Week



Source: LNG Unlimited Data

Imports & Capacity Utilisation Last Week



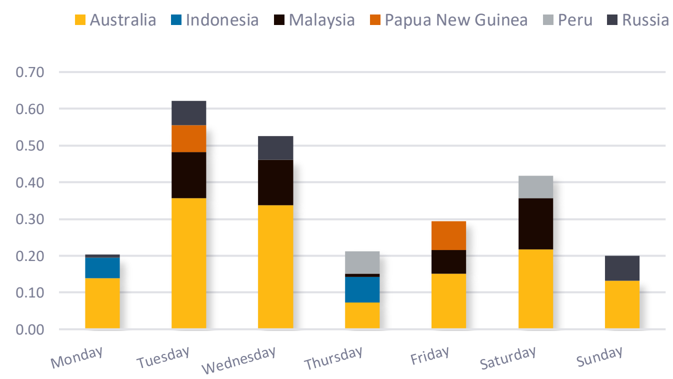
Source: LNG Unlimited Data

The Pacific Basin's most significant exporter – Australia – shipped 1.41mmt last week, 0.22mmt (-14%) less than the week prior. On a year-on-year basis, Australia thus grew LNG shipments by 0.22mmt (18%). The Basin's second largest exporter by capacity – Malaysia – shipped 0.46mmt last week, and thereby increased exports by 0.02mmt (4%) week-on-week, whilst its neighbour Indonesia saw a reduction of 0.13mmt to 0.13mmt (-51%) over the same period. On a year-on-year basis, the two countries therefore exported 0.04mmt (-7%) and 0.15mmt (-55%) less, respectively.

Meanwhile, the remaining Pacific LNG producers saw combined exports of 0.48mmt by the end of last week compared to 0.56mmt the week prior. Brunei slashed its weekly exports by 0.13mmt, having shipped no cargoes during the week, whilst Papua New Guinea kept its shipments steady week-on-week. Concurrently, Russia and Peru increased combined exports by a total of 0.06mmt (21%).

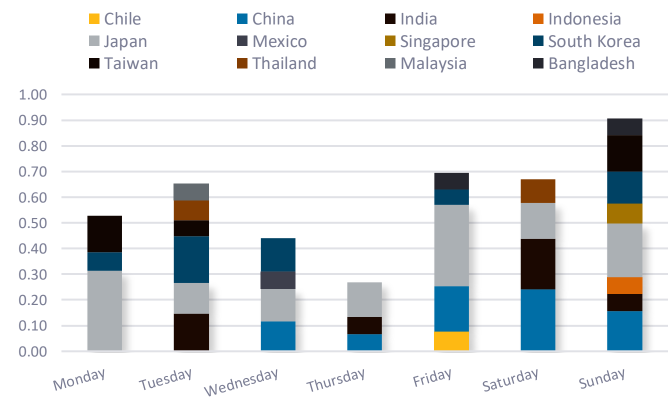
In line with regional export performance, the Basin's imports fell by 1.21mmt (-22.5%) week-on-week. Whilst China's weekly LNG imports had decreased significantly by 0.74mmt (-49%) by Sunday night – having thus fallen by -0.35mmt (-32%) year-on-year – Taiwan, imported 0.08mmt (32%) more week-on-week, taking its weekly total to 0.35mmt. Elsewhere, Japan also saw lower imports by 0.10mmt (-7%) so that its weekly offtake stood at 1.36mmt. Consequently, the country imported -0.15mmt (-10%) less year-on-year.

Pacific Exports (MMt)



Source: LNG Unlimited Data

Pacific Imports (MMt)



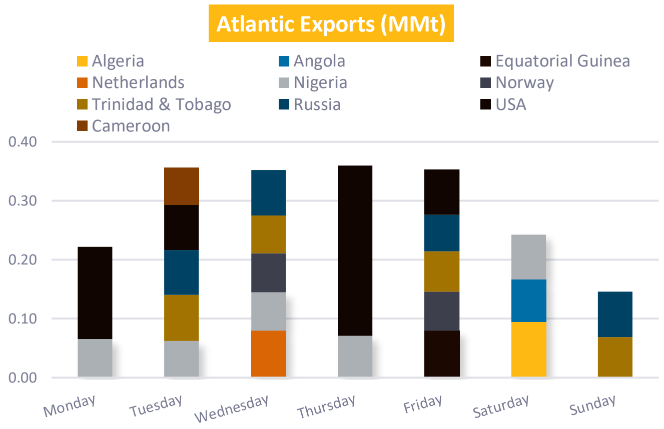
Source: LNG Unlimited Data

South Korea, meanwhile, decreased its imports significantly by 0.43mmt (-43%) week-on-week, thereby, however, importing 0.19mmt (51%) more year-on-year.

In contrast, India saw lower weekly LNG demand that pegged its imports at 0.48mmt last week, an increase of 0.10mmt (-17%) week-on-week, whilst showing broadly flat imports year-on-year. Other importers – namely Bangladesh, Thailand, Singapore and Mexico – increased imports by a combined 0.12mmt (39%) week-on-week. The group had thus increased the total imported amount by 0.02mmt (4%) year-on-year on account of higher imports by Thailand and new capacity in Bangladesh.

Concurrently, African exporters marginally increased their overall amount shipped by 0.04mt (6%) week-on-week. Although Algeria's Arzew and Skikda reduced shipments by a combined 0.04mmt (-27%) to 0.10mmt last week, the continent's largest LNG exporter – Nigeria – saw its LNG exports remain steady week-on-week. Cameroon, however, shipped one cargo whilst Angola and Equatorial Guinea marginally increased shipments by a combined 0.07mmt.

In the United States, Sabine Pass LNG reduced exports by 0.28mmt (-42%) week-on-week to 0.38mmt, which, when combined with Cove Point LNG's steady exports, and slightly higher exports of 0.02mmt out of Corpus Christi and the absence of another shipment out of Cameron LNG , resulted in a marginal 0.26mmt (-30%) net reduction for US Atlantic LNG exports week-on-week. Further south,



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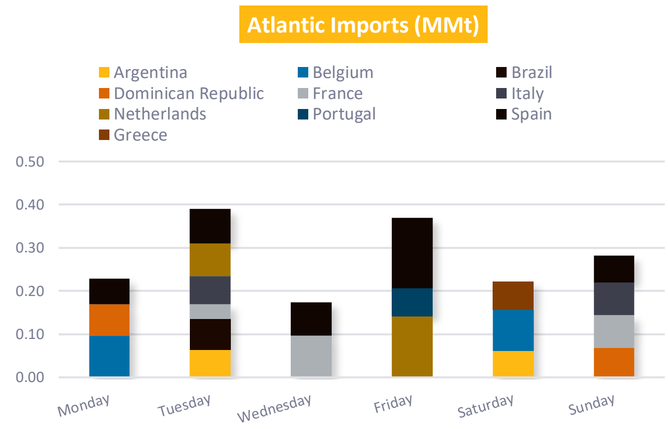


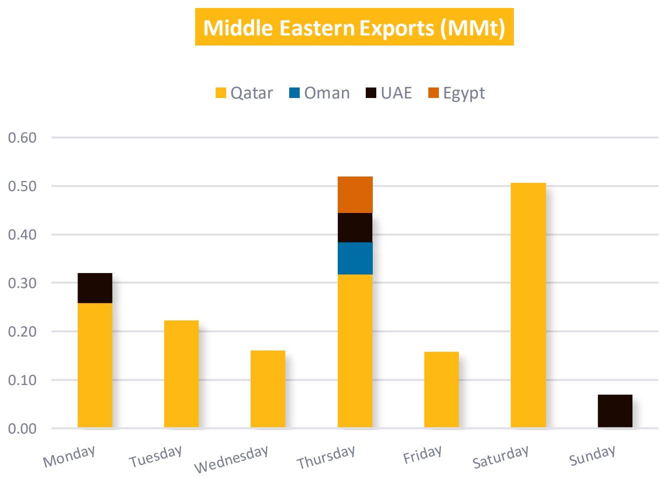
Source: LNG Unlimited Data

Atlantic LNG on Trinidad saw exports of 0.28mmt last week whilst to the very North of the Basin, at Yamal LNG, Novatek's fleet lifted 0.29mmt to meet, in part, with its shuttle at Honningsvåg in Norway.

European buyers, meanwhile, reduced imports by 0.47mmt (-26%) to 1.33mmt last week. Leading the buying roster in Northern Europe was Belgium's Zeebrugge terminal, which imported 0.19mmt. In the Mediterranean, Spain's Barcelona terminal was in the lead with 0.17mmt. Buyers along the eastern coasts of the American continents (including the Caribbean) took in 0.34mmt, thus seeing slight negative net import growth of -4% (-0.01mmt) week-on-week.

Middle Eastern exporters were led by Qatar and its massive Ras Laffan LNG complex, having shipped 1.62mmt, which constituted a 0.33mmt (26%) increase week-on-week. Qatar's fellow regional exporters, the UAE and Oman, saw higher exports of 0.07mmt as Oman reduced shipments by 0.06mmt (-49%), outweighed by an increase of 0.13mmt (212%) at Das Island. Notably, part of the Omani fleet is currently still undergoing maintenance at Duqm. Egypt's Idku LNG, meanwhile, shipped one cargo (0.08mmt), thereby keeping exports flat week-on-week.

Completing the Middle East's LNG trade picture last week were the UAE, Pakistan and Jordan, which imported a total of 5 cargoes amounting to 0.37mmt, thus reducing imports significantly by 0.22mmt (-39%) week-on-week.



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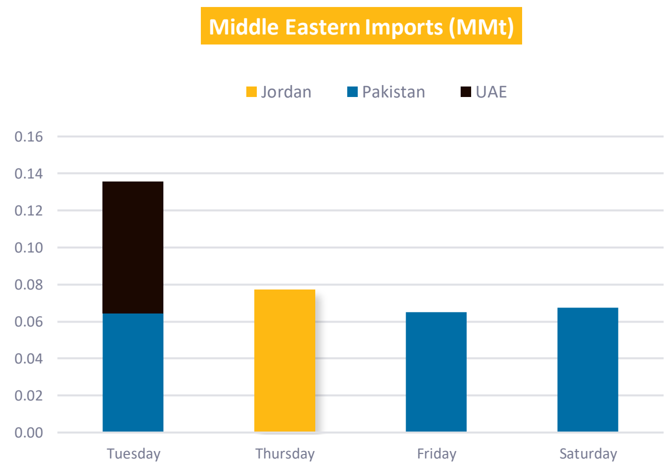

Source: LNG Unlimited Data

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