LNG Unlimited Data

LNG Weekly

Monday, 9 September 2019

Summary

Pacific Basin

- Last week's Pacific imports stood at 4.74mmt compared to 5.13mmt the week prior and 4.68mmt year-on-year.
- Pacific import capacity utilisation stood at 60% last week, compared to 65% the week prior.
- We expect 5.41mmt to reach their delivery points across the Pacific Basin by the end of this week.
- Pacific producers shipped 2.56mmt last week compared to 2.88mmt the week prior and 2.42mmt year-on-year.
- Pacific export capacity utilisation stood at 85% last week, compared to 96% the week prior.
- Our data shows there are currently 4.57mmt of Pacific exports still in transit, and we are expecting regional exporters to deliver 3.07mmt by the end of this week.
- We expect 39 cargo liftings (2.37mmt) within the Basin by the end of this week.

Atlantic Basin

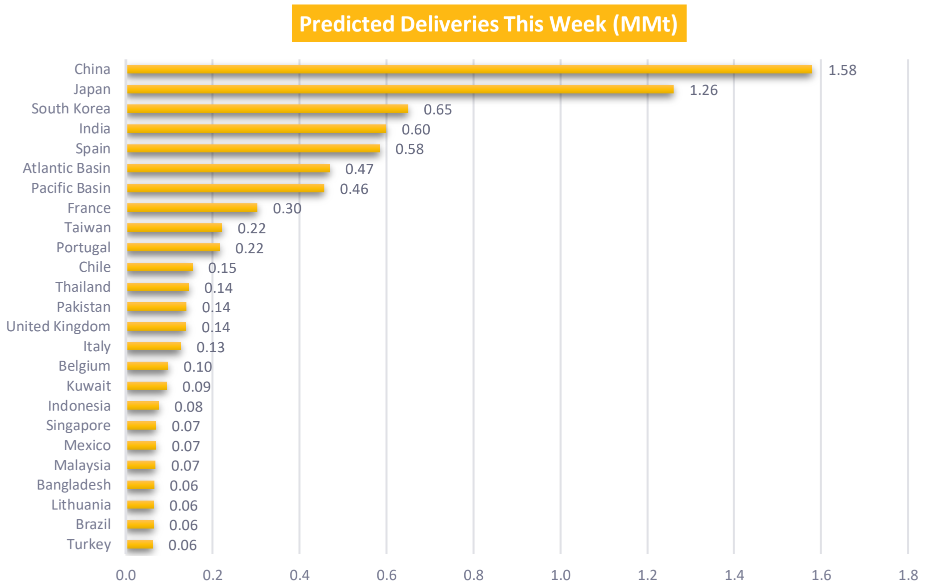
- Buyers across the Basin took in 1.85mmt last week compared to 2.30mmt the week prior and 1.50mmt year-on-year.
- Atlantic import capacity utilisation stood at 39% last week, compared to 48% the week prior.
- Currently 1.58mmt are to reach their destinations across the Atlantic Basin by the end of this week.
- The Atlantic Basin shipped 2.27mmt last week compared to 2.57mmt the week prior and 1.95mmt year-on-year.
- Atlantic export capacity utilisation stood at 109% last week, compared to 124% the week prior.
- There are 5.93mmt of Atlantic exports still in transit, and we are expecting regional exporters to deliver 2.81mmt by the end of this week.
- We expect 23 cargo liftings (1.66mmt) within the Basin by the end of this week.

Middle East

- Middle Eastern LNG imports stood at 0.24mmt last week compared to 0.66mmt the week prior and 0.39mmt year-on-year.
- Middle Eastern import capacity utilisation stood at 39% last week, compared to 109% the week prior.
- Middle Eastern buyers are due to receive 0.23mmt in deliveries by the end of this week.
- Regional LNG producers ended last week with 1.84mmt exported compared to 1.90mmt the week prior and 2.07mmt year-on-year.
- Middle Eastern export capacity utilisation stood at 86% last week, compared to 89% the week prior.
- There are currently 3.70mmt of Middle Eastern LNG in transit, we are expecting regional exporters to deliver 1.87mmt by the end of this week.
- We expect 18 cargo liftings (1.39mmt) within the Basin by the end of this week

Expected Deliveries this Week

China tops list for LNG deliveries with 1.58mmt



Source: LNG Unlimited Data

Pacific Basin

We are currently expecting 5.41mmt to be delivered within the Pacific Basin by the end of this week, constituting an increase of 12% over our expectation at this point last week. At least 65% are destined for China (1.58mmt), Japan (1.26mmt) and South Korea (0.65mmt) whilst 0.46mmt are still without a confirmed destination within the Basin.

Current market visibility suggests the largest share of LNG scheduled to arrive in China within this week is coming from Australia (0.79mmt, 50%), inter alia under contracts with Queensland Curtis LNG (0.31mmt) and Australia Pacific LNG (0.21mmt). Among LNGCs currently under way, the *Dapeng Star* and the *Dapeng Sun* are scheduled to dock at Guangdong Dapeng LNG by Sunday. China's current import schedule thus suggests offtakes are likely to increase by 0.62mmt (65%) week-on-week and by 0.55mmt (54%) compared to the week year-on-year.

The largest single source of LNG destined to arrive in Japan within this week is Australia's Pluto LNG (0.14mmt, 11%), closely followed by Wheatstone LNG (0.137mmt, 10.9%). Of those LNGCs currently en route, the *La Mancha Knutsen* will dock at Himeji LNG on Saturday whilst the *Woodside Donaldson* is arriving at Sakai on Tuesday. Japan's expected imports are likely to decrease by 0.06mmt (-5%) week-on-week and by 0.30mmt (-19%) compared to the week year-on-year.

Meanwhile, expected deliveries to South Korea this week are mainly coming from the Middle East led by Qatar's Ras Laffan (0.27mmt, 42%). The *Al Oraiq* will dock at Pyeongtaek on Wednesday whilst the *Umm Slal* has yet to confirm its final destination, though we currently assume it to be Incheon on Sunday. The country's imports are thus set to increase by 0.07mmt (12%) week-on-week but decrease by 0.54mmt (-45%) year-on-year.

Atlantic Basin

The Atlantic Basin is currently expected to receive 2.05mmt by the end of this week, constituting an increase of 9% week-on-week. Roughly 0.47mmt are still without a clear destination within the Basin, whilst 50% are destined for Spain (0.51mmt), France (0.30mmt) and Portugal (0.22mmt).

Spain's currently expected LNG deliveries within the week are mainly coming from Qatar's Ras Laffan LNG Complex (0.22mmt, 43%) aboard the *Al Khuwair* and the *Al Thakhira* currently headed for Barcelona to arrive by Tuesday. Meanwhile, the *Dukhan* is expected at the Sagunto terminal on Monday. Spain is also anticipating 0.22mmt to arrive from the United States, with 0.14mmt deriving from Sabine Pass and 0.07mmt from Cove Point LNG.

The country's imports are thus set to increase by 0.07mmt (17%) week-on-week and by 0.36mmt (231%) on a year-on-year basis.

Concurrently, market visibility indicates France sourced the majority of its imminent LNG deliveries from Nigeria (0.13mmt, 42%) aboard the *LNG Ondo* and the *LNG Bayelsa*, which are scheduled to arrive at the Montoir-de-Bretagne terminal on Sunday and Monday, respectively. Algeria is scheduled to be France's second largest supplier this week, with 0.08mmt en route from Arzew and 0.03mmt from Skikda. Both cargoes are expected at Fos-sur-Mer by Thursday.

The country's imports, therefore, are likely to decrease slightly by 0.01mmt (-3%) week-on-week but increase significantly by 0.19mmt (176%) year-on-year.

The Atlantic's third largest importer this week – Portugal – is anticipating its imminent LNG deliveries amounting to 0.22mmt to derive entirely from Nigeria. The *LNG Lagos II* and the *LNG Abuja II* are respectively scheduled to deliver 0.08mmt and 0.07 to the Sines terminal over the weekend whilst the *LNG Lokoja* will arrive with 0.07mmt on Thursday.

Based on the current delivery horizon, Portugal is likely to see its imports increase by 0.22mmt week-on-week (having imported no LNG last week) and by 0.02mmt (9%) year-on-year.

Middle East

In the Middle East, Pakistan's Port Qasim terminal is expecting once more the majority of the 0.14mmt due this week to derive from the United States. The *British Listener* will arrive from Corpus Christi LNG on Monday, having been delayed by roughly two days, shipping a total 0f 0.08mmt. Meanwhile, the *Fuwairit* is en route from Qatar to deliver 0.06mmt by Thursday.

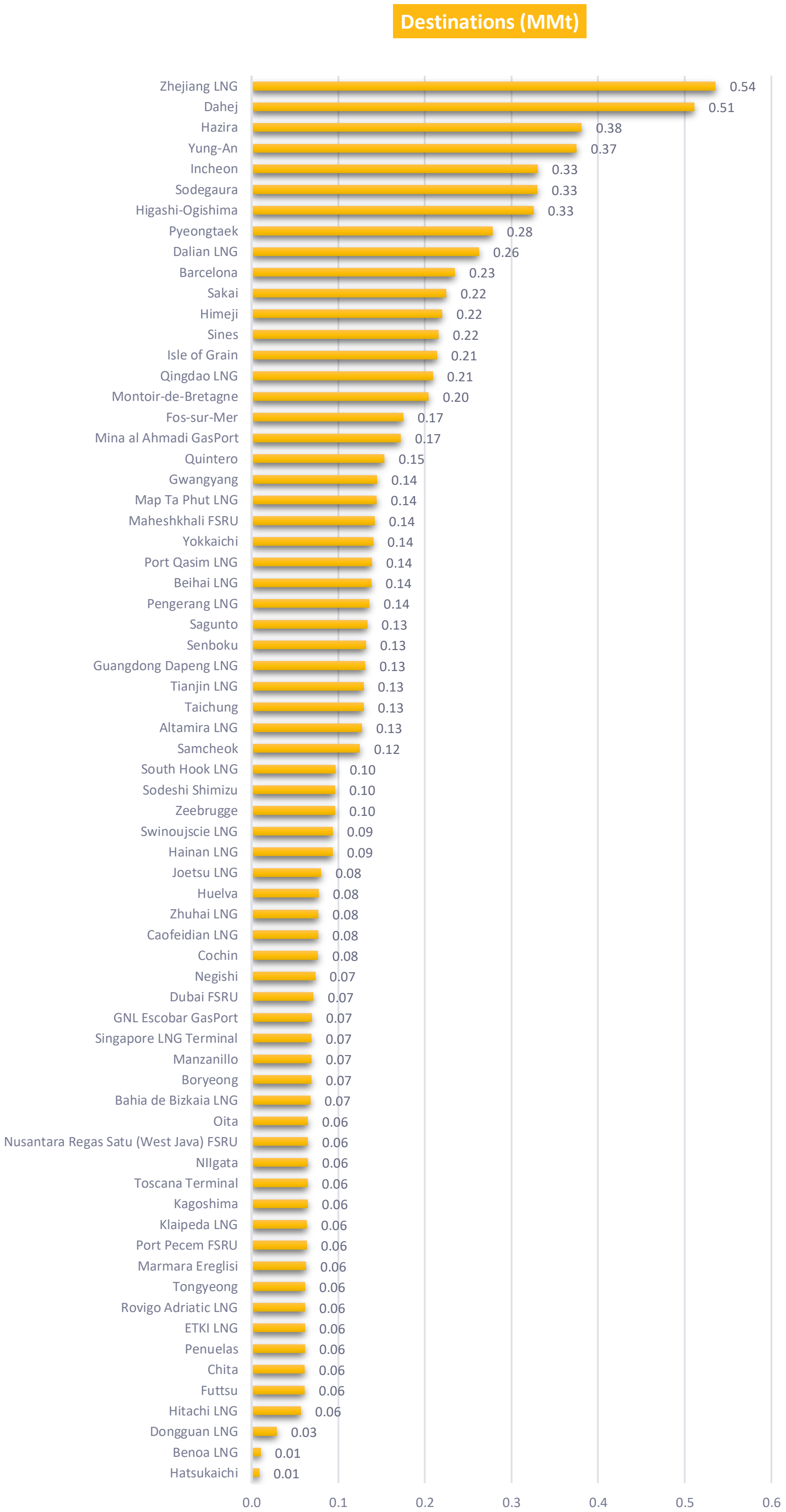
Pakistan's LNG imports, therefore, are likely to increase by 0.07mmt (114%) week-on-week and thereby keep them steady year-on-year.

Concurrently, Kuwait's Mina al Ahmadi terminal is expecting one delivery amounting to 0.09mmt aboard the *Al Ghariya* sailing from Qatar's Ras Laffan on Wednesday. The vessel's departure from Ras Laffan was delayed over last weekend and it left Ras Laffan's port area only on Monday.

Kuwait will therefore keep its LNG imports broadly steady week-on-week but slash them by 0.1mmt (-51%) year-on-year.

LNG in Transit

Currently 14.20mmt of LNG on the water



Source: LNG Unlimited Data

Total LNG volumes currently in transit amount to 14.20mmt, representing a decrease of -0.19mmt (1%) week-on-week. Current market visibility pegs the delivery horizon at 16 October.

There are currently 8.45mmt destined for the Pacific Basin, whereby Japan's Sodegaura terminal is leading the table with 0.33mmt and a delivery horizon of 18 September, inter alia via the *Woodside Chaney* sailing from Australia's Pluto LNG plant.

Notably, of the 8.45mmt currently in transit, 1.50mmt have yet to have a firm destination, which are broadly destined for the Far East by 16 October.

At the time of writing, Gorgon LNG tops the list of origin terminals in the Pacific with 0.56mmt currently in transit, followed by Queensland Curtis LNG with 0.53mmt and NWS LNG with 0.39mmt via, inter alia, the *Prism Agility* (0.08mmt), the *Sean Spirit* (0.08mmt) and the *GasLog Gladstone* (0.08mmt). The delivery horizon for Pacific in-transit exports by the Basin's top 3 plants above is currently 22 September.

The Atlantic Basin, meanwhile, can expect to receive 3.84mmt by 30 September. Confirmed Atlantic deliveries are led by 0.23mmt worth of orders destined for Spain's Barcelona with a delivery horizon of 14 September.

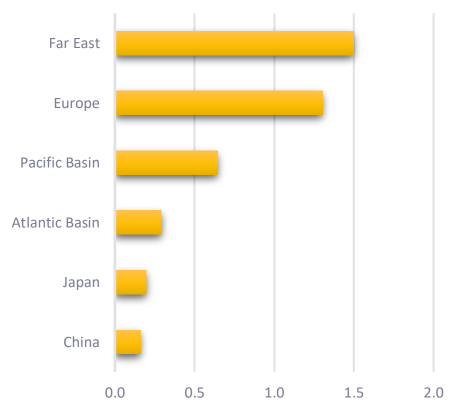
As with the Pacific Basin, there are still roughly 1.30mmt of in-transit LNG that has yet to have a confirmed destination. Around 1.30mmt are currently broadly destined for Europe by 26 September.

Among Atlantic exporters with LNG deliveries currently pending, Sabine Pass LNG is in the lead with 1.42mmt, followed by Bonny Island with 1.33mmt and Atlantic LNG with 0.54mmt. These cargoes are onboard, inter alia, the *LNG Schneeweisschen* (0.08mmt), the *Nohshu Maru* (0.08mmt) and the *Marvel Hawk* (0.08mmt). The delivery horizon for Atlantic in-transit exports was 16 October at the time of writing.

Meanwhile, there are 4 cargoes – 0.31mmt – headed for the Middle East, destined for Kuwait and Pakistan. Beyond the three cargoes due in the two countries this week as outlined above, the *Castillo de Merida* (0.08mmt) is expected to deliver a Nigerian cargo at the Mina al Ahmadi terminal on 27 September.

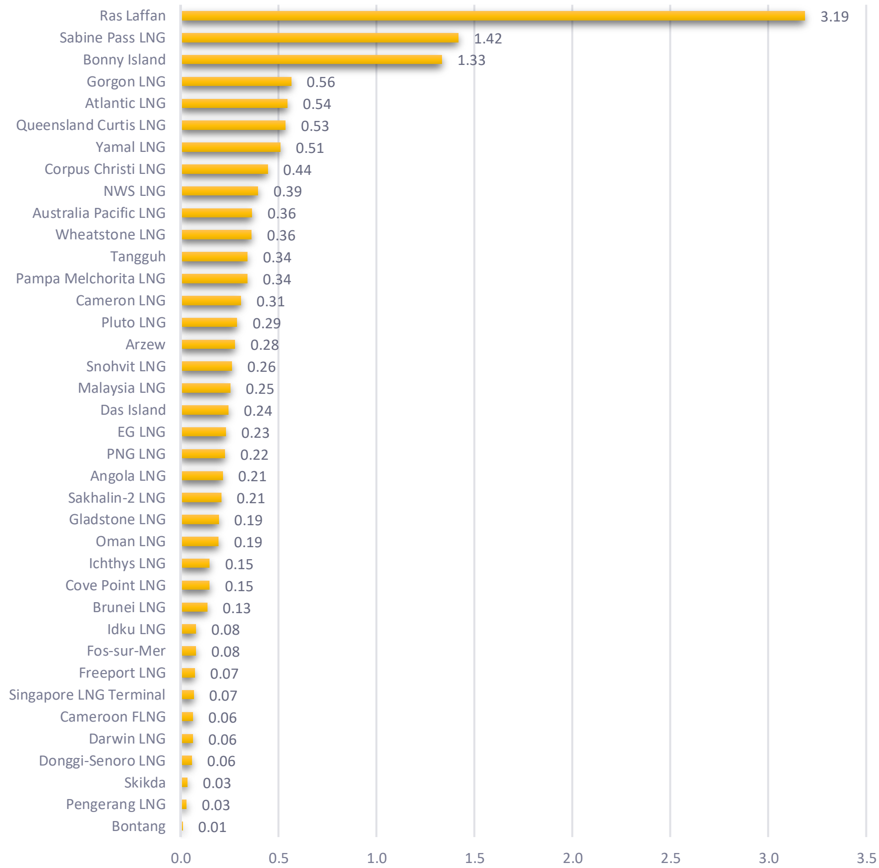
In terms of Middle Eastern cargoes currently under way to destinations outside the Basin, 3.54 mmt have a delivery horizon of 30 September, including 3.03mmt that originated in Qatar, with a further 0.19mmt coming from Oman's Qalhat terminal and 0.24mmt from the UAE's Das Island facility via, inter alia, the Q-Max vessels *Rasheeda* (0.12mmt), *Mekaines* (0.12mmt) and *Al Mayeda* (0.12mmt). Egypt's Idku LNG currently has one cargo at sea (0.08mmt) aboard the *British Contributor*, due to arrive at Map Ta Phut LNG in Thailand by 13 September.

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 80 cargo liftings amounting to 5.34mmt, representing a -0.26mmt (-5%) decrease week-on-week.

The Pacific Basin is expected to account for 39 of this week's liftings, meaning that roughly 2.37mmt will be exported throughout the Basin by Sunday.

In Australia, Gorgon LNG is expected to lead the continent's export terminals this week, with 4 cargoes (c. 0.30mmt) likely to be lifted, followed by Gladstone LNG (3 cargoes, 0.19mmt) and Australia Pacific LNG (2 cargoes, 0.15mmt). Meanwhile, Ichthys LNG, Pluto LNG, Queensland Curtis LNG, Wheatstone LNG and NWS LNG are expected to ship a total of 7 cargoes amounting to 0.47mmt by Sunday. Shell's Prelude FLNG barge and Darwin LNG, meanwhile, are not currently expected to ship LNG this week.

In Southeast Asia, Malaysia LNG is scheduled to export up to 10 cargoes amounting to 0.47mmt whilst across the border Indonesia is looking to export 5 cargoes amounting to 0.31mmt – 2 from Tangguh LNG and 3 from Bontang – 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 5 and 2 cargoes, respectively, totalling 0.42mmt.

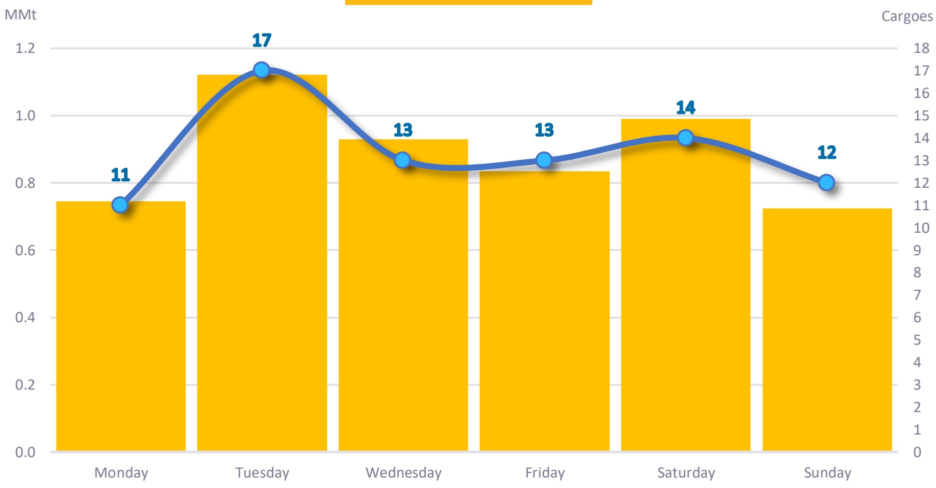
Meanwhile, the Atlantic Basin is expected to see 25 cargo liftings, so that up to 1.80mmt will be exported throughout the Basin by Sunday night.

A significant share of liftings in the Atlantic is going to materialise in the **United States**, where Sabine Pass LNG, Cove Point LNG, Corpus Christi LNG and Cameron LNG are preparing for a total of 6 cargoes (0.44mmt) to be lifted aboard, inter alia, the *Solaris* (Sabine Pass), the *LNG Sakura* (Cove Point LNG), the *Adriano Knutsen* (Corpus Christi) and the *Gaslog Sydney* (Cameron LNG). Meanwhile, Freeport LNG, which loaded its first cargo onto the *LNG Jurojin* on Tuesday last week, is looking to load one more on the *Methane Heather Sally* by Wednesday and – potentially – the *Sohshu Maru* around Saturday this week.

In South America and the Caribbean, we currently expect Trinidad's Atlantic LNG to load 3 cargoes this week aboard the *LNG Juno*, the *British Sapphire* and the *British Achiever.*

On the other side of the Atlantic, we expect up to 14 cargoes (1.00mmt) to be lifted during this week. Nigeria's Bonny Island facility is currently scheduled to export 4 cargoes, amounting to 0.26mmt, whilst Algeria is expected to load 2 cargoes from Arzew. Angola

Expected Cargo Liftings



Source: LNG Unlimited Data

Expected Cargo Liftings (MMt)

Country	Plant	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Algeria	Arzew	–	–	0.08	–	–	0.06	–
	Skikda	–	–	–	–	–	–	–
Angola	Angola LNG	–	0.07	–	–	–	–	–
Australia	Australia Pacific LNG	0.08	–	–	–	0.08	–	–
	Darwin LNG	–	–	–	–	–	–	–
	Gladstone LNG	–	0.07	–	–	0.06	0.07	–
	Gorgon LNG	0.08	–	0.07	–	0.07	0.08	–
	Ichthys LNG	–	–	0.08	–	–	–	0.07
	NWS LNG	–	0.06	–	–	–	–	–
	Pluto LNG	–	0.14	–	–	–	–	–
	Queensland Curtis LNG	–	–	0.06	–	–	–	–
	Wheatstone LNG	–	–	–	–	0.06	–	–
	Prelude FLNG	–	–	–	–	–	–	–
Brunei	Brunei LNG	–	–	0.06	–	–	–	–
Cameroon	Cameroon FLNG	–	–	–	–	–	–	–
Canada	Tilbury LNG	–	–	–	–	–	–	–
Equatorial Guinea	EG LNG	–	–	–	–	–	–	–
Egypt	Damietta SEGAS LNG	–	–	–	–	–	–	–
	Idku LNG	–	–	–	–	–	–	–
Indonesia	Bontang	–	–	–	–	0.06	0.06	0.06
	Donggi-Senoro LNG	–	–	–	–	–	–	–
	Tangguh	0.07	–	–	0.06	–	–	–
Malaysia	Malaysia LNG	0.07	0.16	0.06	0.06	0.01	0.06	0.05
	PFLNG Satu	–	–	–	–	–	–	–
Nigeria	Bonny Island	–	–	–	–	–	0.13	0.13
Norway	Snøhvit LNG	–	–	–	0.07	–	–	–
Oman	Oman LNG	–	–	–	–	–	0.06	–
Peru	Pampa Melchorita LNG	–	–	–	–	–	–	–
Papua New Guinea	PNG LNG	–	0.07	–	–	0.08	–	–
Qatar	Ras Laffan	0.23	0.13	0.09	0.19	0.15	0.21	0.26
Russia	Sakhalin-2 LNG	0.07	–	0.13	–	0.07	–	–
	Yamal LNG	–	0.15	0.08	0.08	0.08	–	0.08
Singapore	Singapore LNG	–	–	–	–	–	–	–
Trinidad & Tobago	Atlantic LNG	–	0.08	0.08	0.07	–	–	–
UAE	Das Island	–	0.06	–	–	–	–	–
United States	Cove Point LNG	–	–	–	0.08	–	–	–
	Cameron LNG	–	–	–	–	0.07	–	–
	Freeport LNG	–	0.06	–	–	–	0.08	–
	Sabine Pass LNG	0.07	–	–	–	0.06	–	0.08
	Corpus Christi LNG	0.08	–	–	–	–	–	–
	Total	**0.74**	**1.06**	**0.79**	**0.61**	**0.83**	**0.80**	**0.72**

Source: LNG Unlimited Data

is also looking to export a cargo by Tuesday.

In Europe, Snøhvit LNG is expected to ship 1 cargo (0.07mmt) via the *Arctic Aurora* whilst Yamal LNG is going to load 6 cargoes amounting to 0.46mmt by Sunday.

Middle Eastern cargo liftings this week are likely to amount to 18 (1.39mmt) by Sunday, most of which (1.27mmt) are going to take place at Qatar's Ras Laffan LNG complex, inter alia aboard the *Al Aamriya* and the *SK Summit*.

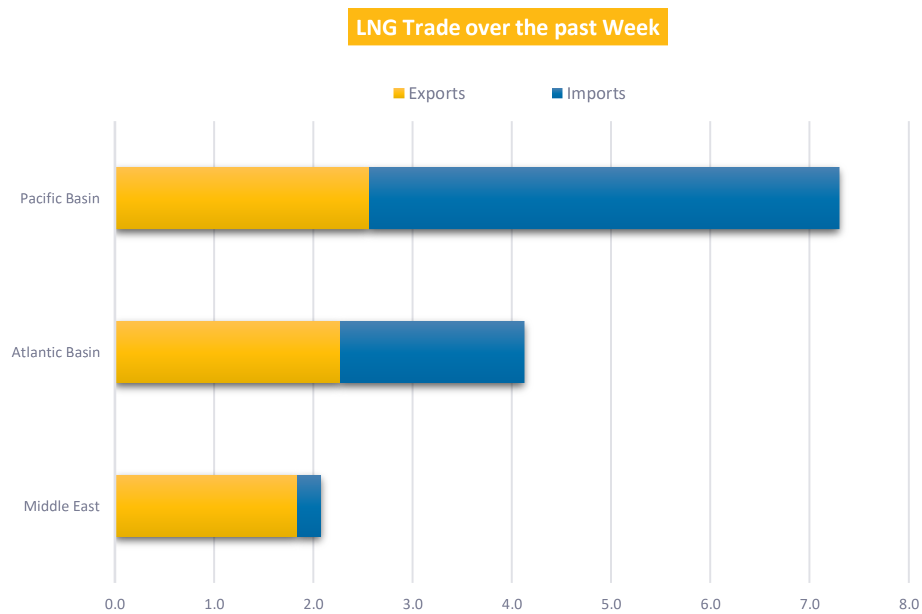
Oman is currently looking to load 1 cargo (0.07mmt) aboard the *Sohar LNG* by Saturday. The plant on Das Island in the UAE, meanwhile, is expected to load one cargo on Tuesday this week. However, Egypt's Idku LNG had not yet scheduled a cargo lifting at the time of writing.

The current schedule therefore suggests peak loading activity of 17 cargoes on Tuesday, followed by 14 on Saturday, whilst Monday is looking to be least active with 11 liftings.

Trade Last Week

Last week's Global LNG trade stood at 13.50mmt, having thus decreased by 1.94mmt (-12.6%) week-on-week. Notably, around 6.46mmt had been shipped in previous weeks but were only delivered last week.

Regional trade in the Pacific stood at 7.30mmt last week, resulting in a 0.71mmt (-9%) trade decrease week-on-week. Meanwhile, last week's trade in the Atlantic Basin fell by 0.74mmt (-15%) and the Middle East saw negative trade growth of 0.49mmt (-19%) over the same period.



Source: LNG Unlimited Data

The Pacific thus ended last week with 0.32mmt (-11%) less in exports, down from 2.88mmt the week prior. This in turn translated into capacity utilisation of 85% for last week, a decrease of 11pp over the week prior.

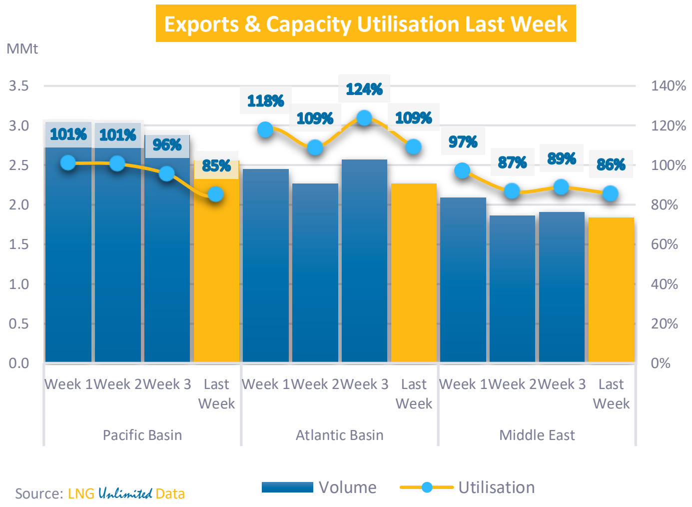
Meanwhile, the Basin's imports reduced by 0.39mmt (-7.6%) to 4.74mmt last week. As a result, Pacific import capacity utilisation fell by 5pp to 60%.

Atlantic Basin exports had amounted to 2.27mmt by midnight on Sunday, a 11.7% decrease compared to the week prior. This in turn translated into regional export capacity utilisation of 109% for the week, a decrease of 14pp over the week prior.

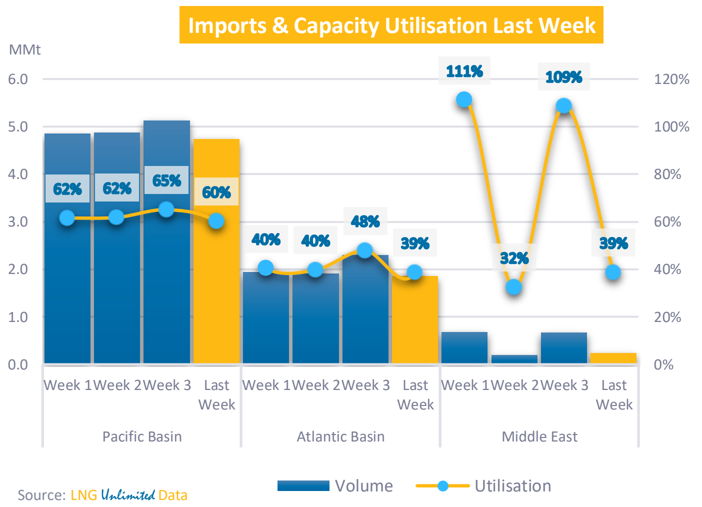
Over the same one-week period, the Basin's imports decreased by 0.44mmt (-19%) to 1.85mmt. As a result, Atlantic import capacity utilisation stood at 39% for the week, a decrease of 9pp over the week prior.

As for the Middle East, the region's exports had fallen by 0.06mmt by midnight on Sunday, a 3% reduction compared to the week prior. As such, regional export capacity utilisation stood at 86% for the week, a decrease of 3pp over the week prior.

Concurrently, the Middle East's imports saw negative growth, decreasing drastically by -0.43mmt (-64%) to 0.24mmt. The Middle East's import capacity utilisation thus stood at 39% for the week, constituting a cyclical decrease by 70pp over the week prior.



Source: LNG Unlimited Data



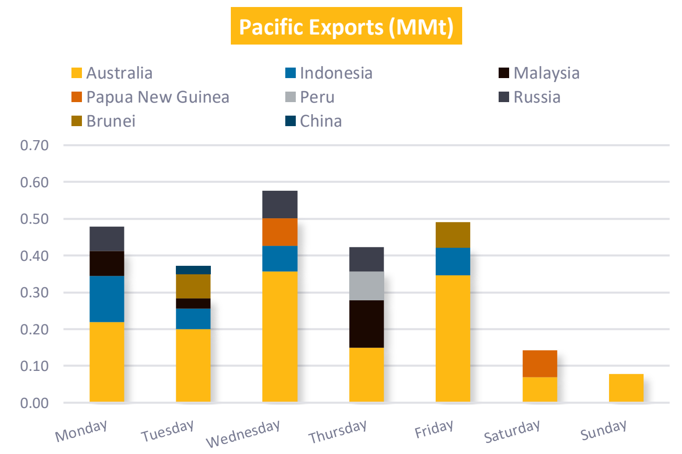
Source: LNG Unlimited Data

The Pacific Basin's most significant exporter – Australia – shipped 1.42mmt last week, 0.27mmt (-16%) less than the week prior. On a year-on-year basis, however, Australia grew LNG shipments by 0.15mmt (11%). The Basin's second largest exporter by capacity – Malaysia – shipped 0.23mmt last week, and thereby reduced exports by 0.30mmt (-57%) week-on-week, whilst its neighbour Indonesia saw an increase by 0.13mmt to 0.32mmt (66%) over the same period. On a year-on-year basis, the two countries exported 0.20mmt (-46%) and 0.06mmt (-15%) less, respectively.

Meanwhile, the remaining Pacific LNG producers saw combined exports of 0.59mmt by the end of last week compared to 0.46mmt the week prior. Brunei kept LNG cargo loading steady at 0.13mmt. Papua New Guinea increased its shipments by 0.07mmt (97%) week-on-week. Concurrently, Russia slightly increased its week-on-week exports by 0.01mmt (4%) whilst Peru increased exports by 25% from 0.06mmt to 0.08mmt.

In line with regional export performance, the Basin's imports fell week-on-week by 0.39mmt (7.6%). China's weekly LNG imports had retreated by 0.36mmt (-27%) from 1.32mmt to 0.96mmt whilst Taiwan only imported 0.01mmt (2%) more week-on-week. Elsewhere, Japan equally saw lower imports by 0.34mmt (-21%) so that its weekly offtake stood at 1.32mmt. The country thus imported -0.24mmt (-15%) less year-on-year.

Whilst recent Pacific import growth was often carried by India and South Korea, the latter did not see demand growth last week. South Korea decreased its week-on-week imports by 0.20mmt (-25%) which India could just about compensate with growth of 0.24mmt (60%) to 0.64mmt.



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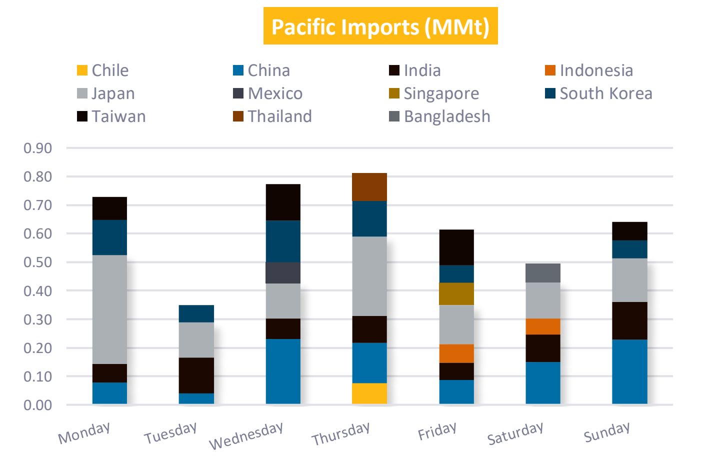
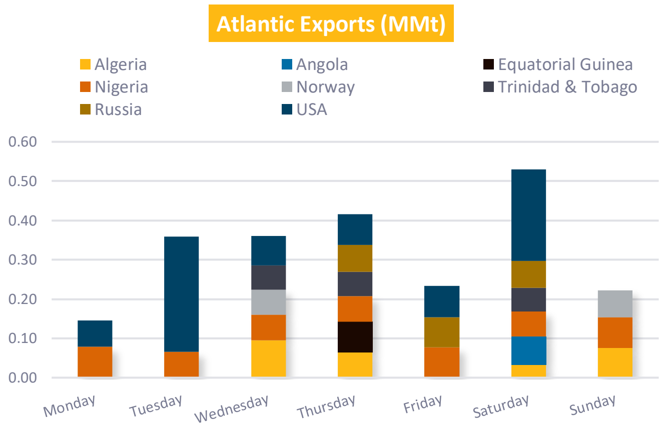


Source: LNG Unlimited Data

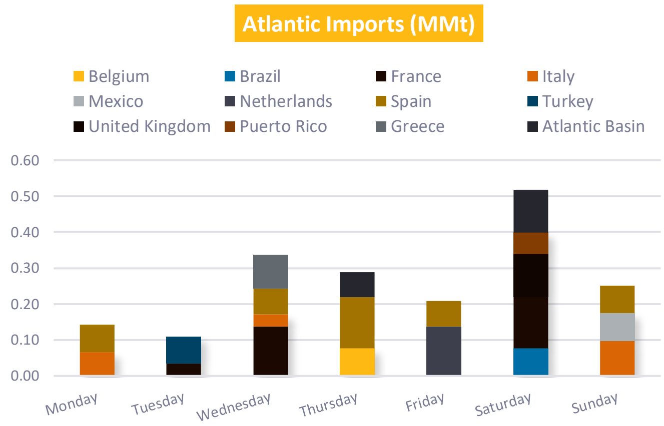
Elsewhere in the Pacific, Bangladesh, Thailand, Singapore and Mexico increased imports by a combined 0.09mmt (41%) to 0.31mmt week-on-week. The group thus also increased the total imported amount by 0.08mmt (33%) year-on-year on account of higher imports of 0.04mmt each by Mexico and Thailand. Nevertheless, this relatively small increase was insufficient to overcome last week's demand reductions by the major Far Eastern buyers.

Concurrently, African exporters slightly increased their overall amount shipped by 0.01mt (2%) week-on-week. Although Algeria's Arzew and Skikda terminals reduced shipments by a combined 0.02mmt (-6%) to 0.27mmt last week, the continent's largest LNG exporter – Nigeria – saw its weekly LNG exports creep up by 0.01mmt to 0.49mmt. Meanwhile, Equatorial Guinea shipped one cargo and thus compensated for Cameroon's absence. Angola, meanwhile, had kept exports steady at 0.07mmt by the end of the week.

In the United States, Sabine Pass LNG increased exports by 0.08mmt (19%) week-on-week to 0.53mmt, which was further added to by Freeport LNG's first cargo of 0.07mmt. Nevertheless, the relatively small growth from those two plants paled in comparison to the significant reductions at Corpus Christi LNG and Cove Point LNG, which cut back exports by



Source: LNG Unlimited Data



Source: LNG Unlimited Data

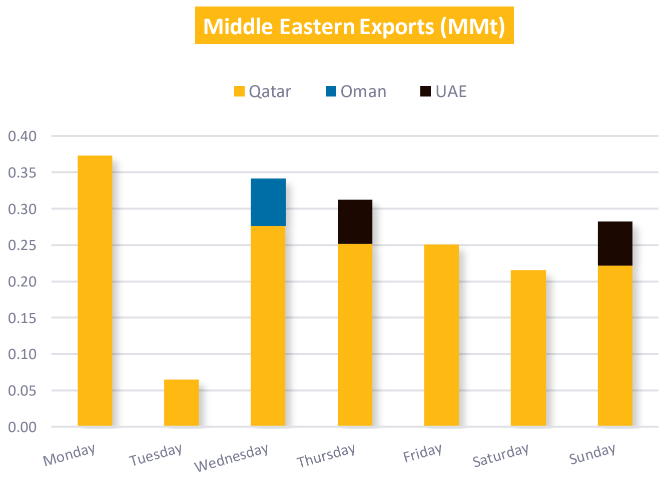
a total of 0.21mmt. As Cameron LNG only kept weekly exports flat, US LNG plants saw a 0.06mmt (-7%) net reduction in output week-on-week. Further south, Atlantic LNG on Trinidad saw exports of only 0.18mmt, thus slashing shipments by 0.16mmt (-47%) week-on-week. To the very North of the Basin, at Yamal LNG, Novatek's fleet lifted 0.21mmt last week, representing 0.16mmt (-43%) lower exports week-on-week.

European buyers, meanwhile, reduced imports by 0.22mmt (-14%) to 1.38mmt last week. Leading the buying roster in Northern Europe was the Montoir-de-Bretagne terminal in France, which imported 0.14mmt. In southern Europe, Spain's Bahia de Bizkaia terminal close to Bilbao was in the lead with 0.22mmt. Buyers along the eastern coasts of the American continents (including the Caribbean) took in 0.22mmt, thus seeing negative import growth of 0.12mmt (-35%) week-on-week.

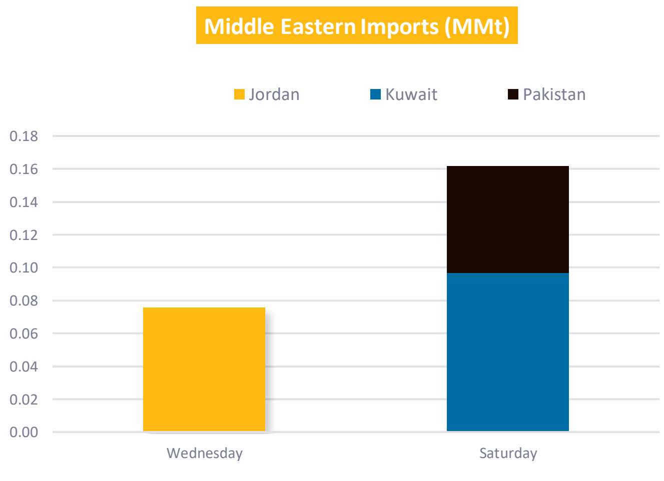
In the Middle East, Qatar shipped 1.65mmt, keeping exports broadly flat week-on-week. The UAE and Oman also saw steady exports at 0.19mmt as Das Island and Oman LNG saw no meaningful change in weekly exports. Egypt's Idku LNG, meanwhile, shipped no cargo last week.

Completing the Middle East's LNG trade picture last week were Jordan, Kuwait and Pakistan, which imported a total of 3 cargoes amounting to 0.24mmt, thus slashing imports by 0.42mmt (-64%) week-on-week.

Notably, the current vessel schedule suggests Middle Eastern demand will remain flat this week and thus may not recover as quickly as it had done two weeks ago as the summer peak demand period is beginning to run its course.



Source: LNG Unlimited Data



Source: LNG Unlimited Data

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