

**Subscription Window:
Stand Alone Send Out
Stand Alone Berthing Right**

**Open Season:
Stand Alone Send Out**



22 July – 14 August 2020

Information Session, 29 July 2020



Today's speaker

- Hany Aouad, **Sales Manager**



Agenda

- Welcome and way of working
- **Reminder on consultation n°43: new services applicable since 22 July 2020**
- On offer in the Subscription Window (binding):
 - Stand Alone Berthing Rights for the period 2020-2039
 - Stand Alone Send Out Capacity for the period 2020-2023
- On offer in the Open Season (non-binding):
 - Stand Alone Send Out for the period 2024-2039



Reminder on market consultation n°43: new services applicable since 22 July 2020

- On 9 July 2020, CREG approved FLX LNG's suggested changes to the regulated documents:
 - LNG Terminalling Agreement
 - LNG Access Code
 - LNG Terminalling Programme
 - LNG Tariff Sheet
- On 22 July 2020:
 - The new regulated documents entered into force and were published on Fluxys' website
 - Start Subscription Window SASO & SABR (binding) & start Open Season SASO (non-binding)
- Summary of the changes:
 - **Stand Alone Berthing Right (SABR)**
 - » SABR can be used for LNG Delivery Services (~unloading) and LNG Redelivery Services (~loading)
 - » Available capacity: 16 SABRs Aug->Dec 2020, 48 in 2021, 58/y 2022-2026, 70/y 2027-2039
 - » Tariff (July'20): 28.457,5 €/berthing (unchanged) + variable 0,74 €/MWh unloaded (NEW)¹
 - » Contract needed: LNG Terminalling Agreement (LTA)
 - **Stand Alone Send Out (SASO)**
 - » Firm Send Out service in Zeebrugge
 - » Available capacity: 2.870 MWh/h until December 31st 2023
 - » Tariff (July'20): 1,52 €/kWh/h/y ~ 0,17 €/MWh, aligned on tariff for Additional Send Out
 - » Contract needed: LNG Terminalling Agreement (LTA)

¹ The variable component only applies as from 38.205 MWh unloaded = 5.702 m³ LNG



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On offer in the Subscription Window (binding) – Stand Alone Berthing Rights for the period 2020-2039

- Available capacity: 16 SABRs Aug->Dec 2020, 48 in 2021, 58/y 2022-2026, 70/y 2027-2039
- Reminder:
 - This subscription window only concerns subscribing SABRs <-> scheduling SABRs is done on rolling M+2 basis
 - If you book an SABR, fixed (sunk) component is 28.457,5 € ¹: variable component only invoiced if SABR used
 - Unused SABRs cannot be transferred to the next calendar year
- You can participate by filling in [this form](#) and sending it to info.lng@fluxys.com or via registered mail²
- Allocation rule: priority for binding bids with the longest duration, if tie then pro rata

	2020	
	Jul	Aug
Subscription Window	22/07/2020 - 14/08/2020	
Allocation & communication		17/08/2020 - 21/08/2020
Start date for allocated SABRs		24/08/2020

Remark:

- From 22 July 2020 until 24 August 2020, 4 SABRs can be booked FCFS, those SABRs are strictly for use within this period
- After the SW, remaining SABRs (if any) can be booked FCFS until 31st December 2039

¹ July 2020 tariffs

² Send via registered mail to Mrs. Leentje Vanhamme, Fluxys LNG N.V., Kunstlaan 31, 1040 Brussels, Belgium



Visit our dedicated webpage for more information here

The screenshot shows a web browser window with the URL `fluxys.com/en/products-services/empowering-you/customer-interactions/subscription-windows-zeebrugge-lng`. The page features the Fluxys logo and a navigation menu with items: Products & Services, Gas & Innovation, Careers, and Fluxys companies. A search bar is located in the top right corner. The main heading is "Subscription Windows - Zeebrugge LNG" with a double underline. Below the heading, the text reads: "Subscription Window for Stand Alone Send Out Capacity and Stand Alone Berthing Rights". A paragraph states: "From July 22 until August 14 2020, Fluxys LNG organizes a Subscription Window to commercialize Stand Alone Send Out ('SASO') Capacity until 2023 and Stand Alone Berthing Rights ('SABRs') until 2039." A section titled "Fluxys LNG offers:" lists two items: "2,87 GWh/h SASO Capacity (firm) from August 24 2020 until December 31 2023" and "Stand Alone Berthing Rights:". A chat icon is visible on the right side of the page.

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Company: [Zeebrugge LNG](#)

Subscription Windows - Zeebrugge LNG

Subscription Window for Stand Alone Send Out Capacity and Stand Alone Berthing Rights

From July 22 until August 14 2020, Fluxys LNG organizes a Subscription Window to commercialize Stand Alone Send Out ('SASO') Capacity until 2023 and Stand Alone Berthing Rights ('SABRs') until 2039.

Fluxys LNG offers:

- 2,87 GWh/h SASO Capacity (firm) from August 24 2020 until December 31 2023
- Stand Alone Berthing Rights:






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 - Stand Alone Send Out for the period 2024-2039



On offer in the Subscription Window (binding) – Stand Alone Send Out Capacity for the period 2020-2023

- FLX LNG offers 2,87 GWh/h SASO Capacity (firm) from 24 August 2020 until 31 December 2023
- You can book SASO Capacity for a minimum of one gas day or a whole multiple of gas days
- You can participate by filling in [this form](#) and sending it to info.lng@fluxys.com or via registered mail¹
- Allocation rule: priority for binding bids with the longest duration, if tie then pro rata
- Timing:

	2020	
	Jul	Aug
Subscription Window	 22/07/2020 - 14/08/2020	
Allocation & communication		 17/08/2020 - 21/08/2020
Start date for allocated SASO		 24/08/2020

- Remarks:
- From 22 July 2020 until 24 August 2020, this new SASO Capacity can already be used via Non Nominated Send Out (NNS)
 - From 24 August 2020, the remaining SASO Capacity after SW (if any) can be booked FCFS for any duration until 31 December 2023



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Company: [Zeebrugge LNG](#)

Subscription Windows - Zeebrugge LNG

Subscription Window for Stand Alone Send Out Capacity and Stand Alone Berthing Rights

From July 22 until August 14 2020, Fluxys LNG organizes a Subscription Window to commercialize Stand Alone Send Out ("SASO") Capacity until 2023 and Stand Alone Berthing Rights ("SABRs") until 2039.

Fluxys LNG offers:

- 2,87 GWh/h SASO Capacity (firm) from August 24 2020 until December 31 2023
- Stand Alone Berthing Rights:



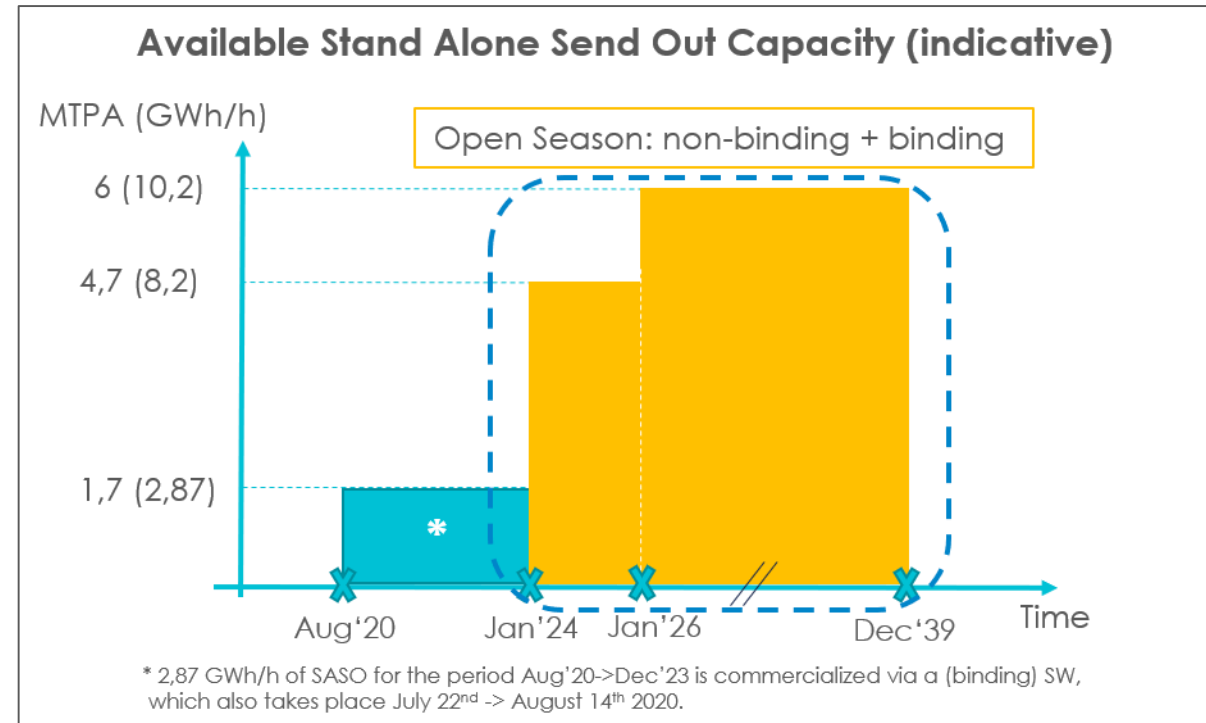
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 - **Stand Alone Send Out for the period 2024-2039**



On offer in the Open Season (non-binding): Stand Alone Send Out Capacity for the period 2024-2039

- Fluxys LNG is testing market interest for an increase of Stand Alone Send Out Capacity above 2,87 GWh/h as from the year 2024
- For permitting reasons, the additional capacity would be offered in two steps – indicative timing:
 - 8,2 GWh/h is available 2024 -> end 2025
 - 10,2 GWh/h is available 2026 -> end 2039
- Offered at regulated tariff, expected to be in line with current Stand Alone Send Out tariff¹ of 1.52 €/kWh/h/y ~ 0,17 €/MWh²



¹ Based on current assumptions of new investment costs and expected subscriptions

² July 2020 tariffs



On offer in the Open Season (non-binding): Stand Alone Send Out Capacity for the period 2024-2039

How to participate and next steps

- You can submit a non-binding request by filling in [this form](#) and sending it to info.lng@fluxys.com
- Requests can only be submitted for an entire year, i.e. a flat hourly send-out profile throughout the year
- **Participation to this non-binding window of the Open Season is a mandatory prerequisite in order to participate to the binding window of this Open Season**
- Indicative timing and next steps:

	2020					
	Jul	Aug	Sep	Oct	Nov	Dec
Non-binding window	22/07/2020 - 14/08/2020					
Fluxys analyses requests		17/08/2020 - 30/09/2020				
Fluxys confirms occurrence binding window				05/10/2020		
Binding window (indicative timing)					02/11/2020 - 27/11/2020	
Allocation (indicative timing)						30/11/2020 - 04/12/2020
Communicate results (indicative timing)						07/12/2020



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The screenshot shows a web browser window with the URL `fluxys.com/en/products-services/empowering-you/customer-interactions/openseasons_belgium_lng`. The page header includes the Fluxys logo, a navigation menu with 'Products & Services' (highlighted), 'Gas & Innovation', 'Careers', and 'Fluxys companies', and a search bar. The main content area features the title 'Open Seasons - Zeebrugge LNG' with a double underline. Below the title, there is a sub-header: 'Open Season for an increase of Stand Alone Send Out Capacity as from the year 2024 – non-binding (prerequisite to be able to participate in binding window)'. The main text states: 'From July 22 until August 14 2020, Fluxys LNG organizes the non-binding window of an Open Season to test market interest for an increase of Stand Alone Send Out Capacity above 2,87 GWh/h as from the year 2024.' A chat icon is visible in the bottom right corner of the page content.

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Products & Services Gas & Innovation Careers Fluxys companies

Company: [Zeebrugge LNG](#)

Open Seasons - Zeebrugge LNG

Open Season for an increase of Stand Alone Send Out Capacity as from the year 2024 – non-binding (prerequisite to be able to participate in binding window)

From July 22 until August 14 2020, Fluxys LNG organizes the non-binding window of an Open Season to test market interest for an increase of Stand Alone Send Out Capacity above 2,87 GWh/h as from the year 2024.





Questions?

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Don't hesitate to reach out to our Key Account Managers



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Back-up

Use case n°1: Shipper with CSA/LSA Slot in portfolio wishes to subscribe Stand Alone Send Out to regasify 140.000 m³ LNG cargo in 7 days instead of 10 days (calculations in back-up)

	Jetty utilization	Storage utilization	Send Out utilization
	Slot: 586.812,71 € ~ 0,63€/MWh (GIK excluded*)		
Already in portfolio	Berthing Right 101.884,06 €	Basic Storage 245.285,22 €	Basic Send Out 239.643,43 €* Stand Alone Send Out 40.400,27 €* Total 627.212,98 € ~ 0,67 €/MWh (GIK excluded*)
Still to buy			
Total			

* A variable cost of 1.3% Gas In Kind (GIK) applies on all send-out nominations. This LNG will be taken from your account, it is not a cash payment. Tariffs on this slide are May 2020 tariffs.



Use case n°2: Shipper without any portfolio in Zeebrugge wishes to unload 10.000 m³ LNG to regasify in 2 days (calculations in back-up)

	Jetty utilization	Storage utilization	Send Out utilization
Already in portfolio			
Still to buy	Unload with SABR: 50.250 €	OR Residual Storage: 1.468,95 € Daily Storage: 1.473,94 €	Stand Alone Send Out: 11.651,44 €*
Total	63.370,39 € ~ 0,95 €/MWh (using Residual Storage) 63.375,38 € ~ 0,95 €/MWh (using Daily Storage) (Gas In Kind excluded)*		

* A variable cost of 1.3% Gas In Kind (GIK) applies on all send-out nominations. This LNG will be taken from your account, it is not a cash payment. All tariffs are May 2020 tariffs.



Use case n°3: Shipper without any portfolio in ZEE wishes to unload 10.000 m³ LNG to fill LNG trucks, LNG in tank decreasing linearly to 0 over 30 days (calculations in back-up)

	Jetty utilization	Storage utilization	Send Out utilization	Truckload utilization
Already in portfolio				
Still to buy	Unload with SABR: 50.250 €	OR Residual Storage: 15.180,11 € Daily Storage: 21.707,49 €		Truckloading slots*: 135.972,5 €
Total	201.402,61 € ~ 3,01 €/MWh (using Residual Storage) 207.929,99 € ~ 3,10 €/MWh (using Daily Storage)			

* Truckloading slots are considered at full price, this means excluding the 10 % reduction when truckloading slots are booked during a subscription window. All tariffs are May 2020 tariffs.



Available LNG Capacities (LSA/CSA Slots excluded)

Berthing Rights

Additional Berthing Right

- For LNG reloading: 83.385,16 € + 0,20 €/MWh loaded
- Bookable FCFS & Subscription Window (if applicable)
- Available capacity published on fluxys.com

Stand Alone Berthing Right (if approved)

- For LNG unloading: 0,75 €/MWh (min. 28.459,03€)
- For LNG reloading: 1,11 €/MWh (min. 28.459,03€)
- Bookable via Subscription Window/FCFS
- Available capacity published on fluxys.com

Storage Rights

Daily Storage

- 0,022 €/MWh/day
- Bookable Day Ahead before 10 am
- Granularity on an hourly basis
- Available capacity published on gasdata.fluxys.com

Residual Storage

- 0,015 €/MWh/day
- Bookable M+1 → M+6
- Granularity on a daily basis
- Available capacity published on fluxys.com

Send Out Rights

Daily Send Out

- 0,174 €/MWh*
- Bookable Day Ahead before 10 am
- Granularity on an hourly basis
- Available capacity published on gasdata.fluxys.com

Stand Alone Send Out (if approved)

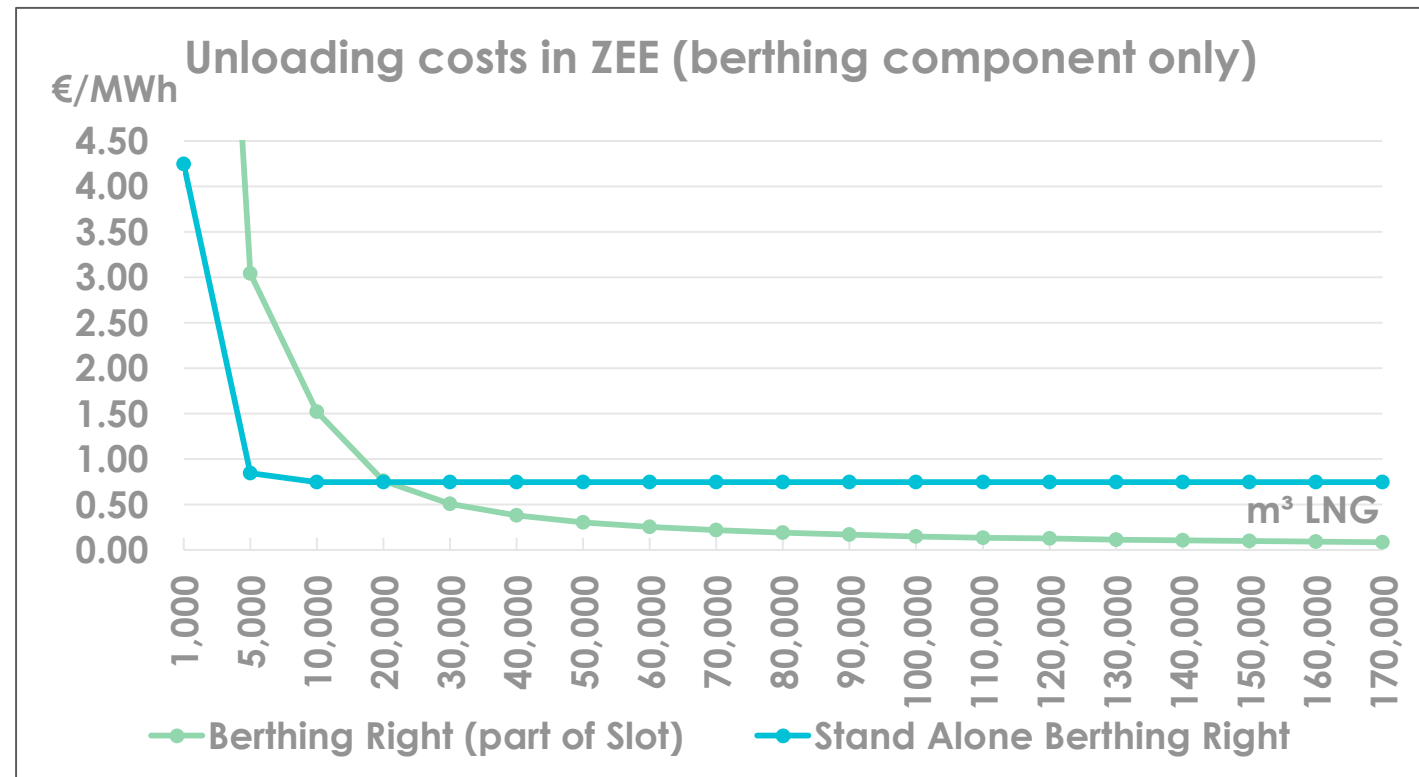
- 0,174 €/MWh*
- Bookable in Subscription Window, remaining FCFS
- Granularity on a daily basis
- Available capacity will be published on gasdata.fluxys.com

* A variable cost of 1.3% Gas In Kind (GIK) applies on all send-out nominations. This LNG will be taken from your account, it is not a cash payment.
Tariffs on this slide are May 2020 tariffs



Reframing Small Scale Berthing Rights into Stand Alone Berthing Rights

- Stand Alone Berthing Rights can be used for any cargo size, though they are most competitive for ship unloadings of less than 20.000 m³ LNG
- Stand Alone Berthing Rights are not 'packaged' with any Storage Rights or Send Out Rights, which must be booked separately



Service Request Form for Contracting: Stand Alone Berthing Right



SERVICES REQUEST FORM for CONTRACTING (SRFC)

1. Participant Information

Client :

Contact Person :

Phone :

E-mail :

2. Request for LNG Services : "Binding Request"

The Start and End Dates reflected below are indicative and can be adapted to the requirements of the Participant.

		Requested number of Stand Alone Berthing Rights		Start date (change as desired)	End date (change as desired)
		Minimum	Maximum		
Stand Alone Berthing Rights	number (max. 16)			24-08-20	31-12-20
Stand Alone Berthing Rights	number (max 48)			01-01-21	31-12-21
Stand Alone Berthing Rights	number (max 58)			01-01-22	31-12-22
Stand Alone Berthing Rights	number (max 58)			01-01-23	31-12-23
Stand Alone Berthing Rights	number (max 58)			01-01-24	31-12-24
Stand Alone Berthing Rights	number (max 58)			01-01-25	31-12-25
Stand Alone Berthing Rights	number (max 58)			01-01-26	31-12-26
Stand Alone Berthing Rights	number (max 70)			01-01-27	31-12-27
Stand Alone Berthing Rights	number (max 70)			01-01-28	31-12-28
Stand Alone Berthing Rights	number (max 70)			01-01-29	31-12-29
Stand Alone Berthing Rights	number (max 70)			01-01-30	31-12-30
Stand Alone Berthing Rights	number (max 70)			01-01-31	31-12-31
Stand Alone Berthing Rights	number (max 70)			01-01-32	31-12-32
Stand Alone Berthing Rights	number (max 70)			01-01-33	31-12-33
Stand Alone Berthing Rights	number (max 70)			01-01-34	31-12-34
Stand Alone Berthing Rights	number (max 70)			01-01-35	31-12-35
Stand Alone Berthing Rights	number (max 70)			01-01-36	31-12-36
Stand Alone Berthing Rights	number (max 70)			01-01-37	31-12-37
Stand Alone Berthing Rights	number (max 70)			01-01-38	31-12-38
Stand Alone Berthing Rights	number (max 70)			01-01-39	31-12-39

Shipper hereby:

Shipper hereby:

Signing Date:

Name :

Position:

Signature:

By signing this SRFC, Shipper acknowledges and accepts all the provisions of the corresponding TCSW and Service Confirmation

To be sent by registered mail or electronic mail to
 Fluxys LNG
 Mrs. Leentje Vanhamme
 Kunstlaan 31
 1040 Brussels
 Belgium
 E-mail: info.lng@fluxys.com

