



JOINT BALANCING ZONE

Swedish and Danish gas markets

*GMR, 19 September 2018
Signe Louise Rasmussen, Energinet
Martin Fahlvik, Swedegas*

AGENDA

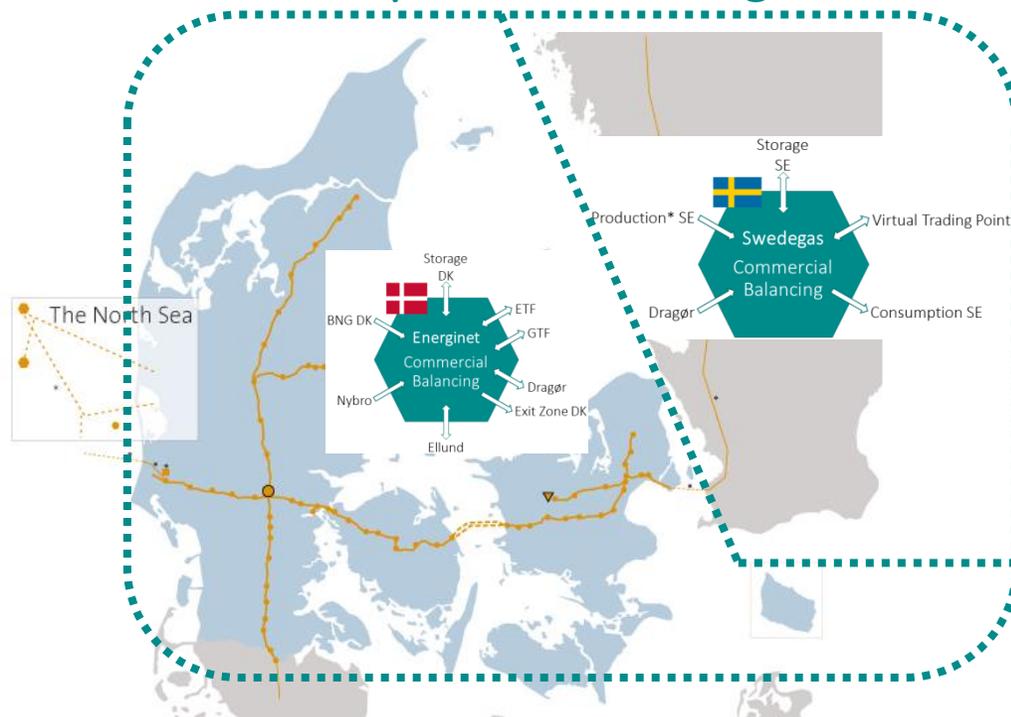
- Joint Balancing Zone
- Public consultation DK
- Timeplan
- The balance administrator agreement
- JBZ Data Exchange



TWO BALANCING ZONES BECOMES ONE

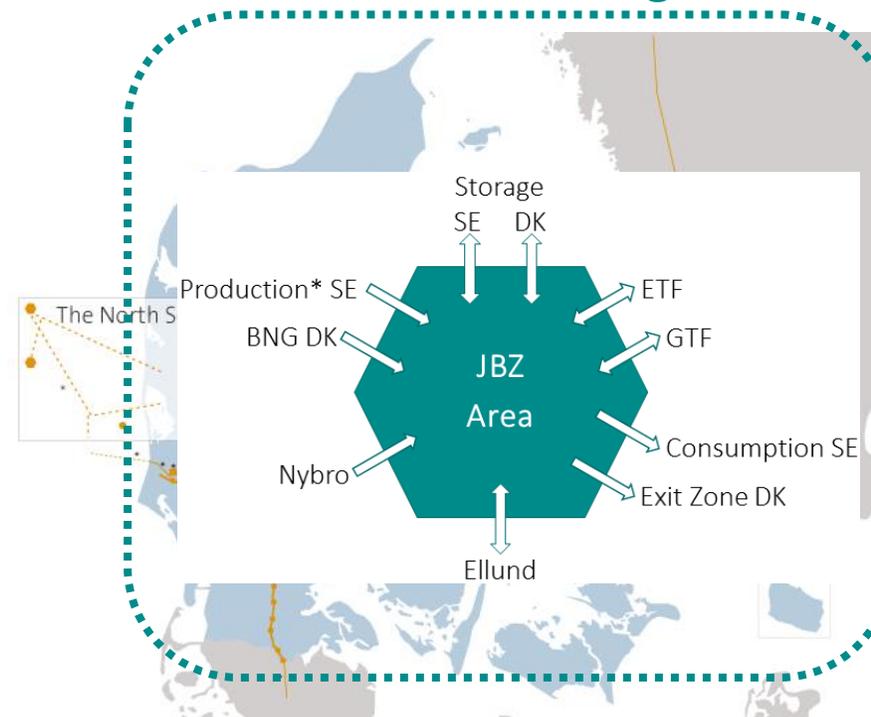
Today

Two separate balancing zones



JBZ

One Joint Balancing Zone



BACKGROUND

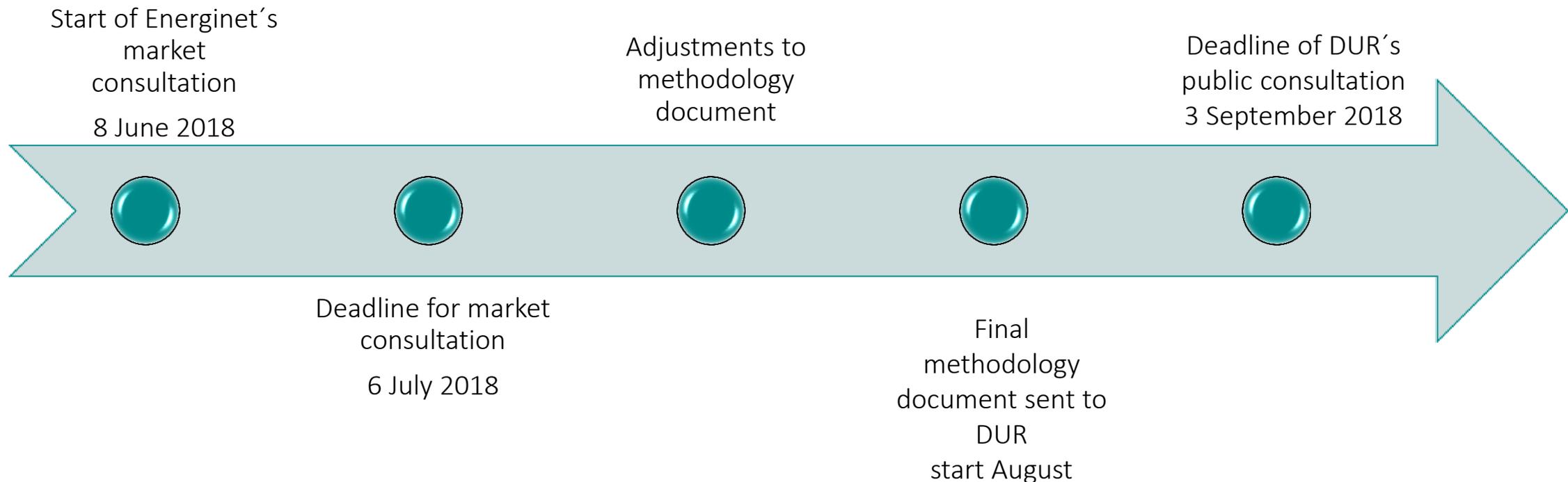
EU network code on balancing defines the standard

- Increased security of supply as the Dragør valve opens and the systems merge. (From flow control to pressure control.)
- More gas traders on the market means increased competition to end customers and more efficient administration. Today, we do the same things within Energinet and Swedegas in terms of balancing.
- Swedegas operates under a dispensation from the NC BAL ((EU) No 312/2014). A Joint Balancing Zone is a cost effective way to fulfil NC BAL
- Energinet has already implemented the NC BAL. Many of the changes that the Swedish market will experience, have already been implemented in Denmark. (Examples of this is the removal of the free balancing band...)
- In line with Gas Target Model and EU harmonization

JOINT BALANCING ZONE – METHOD APPROVAL

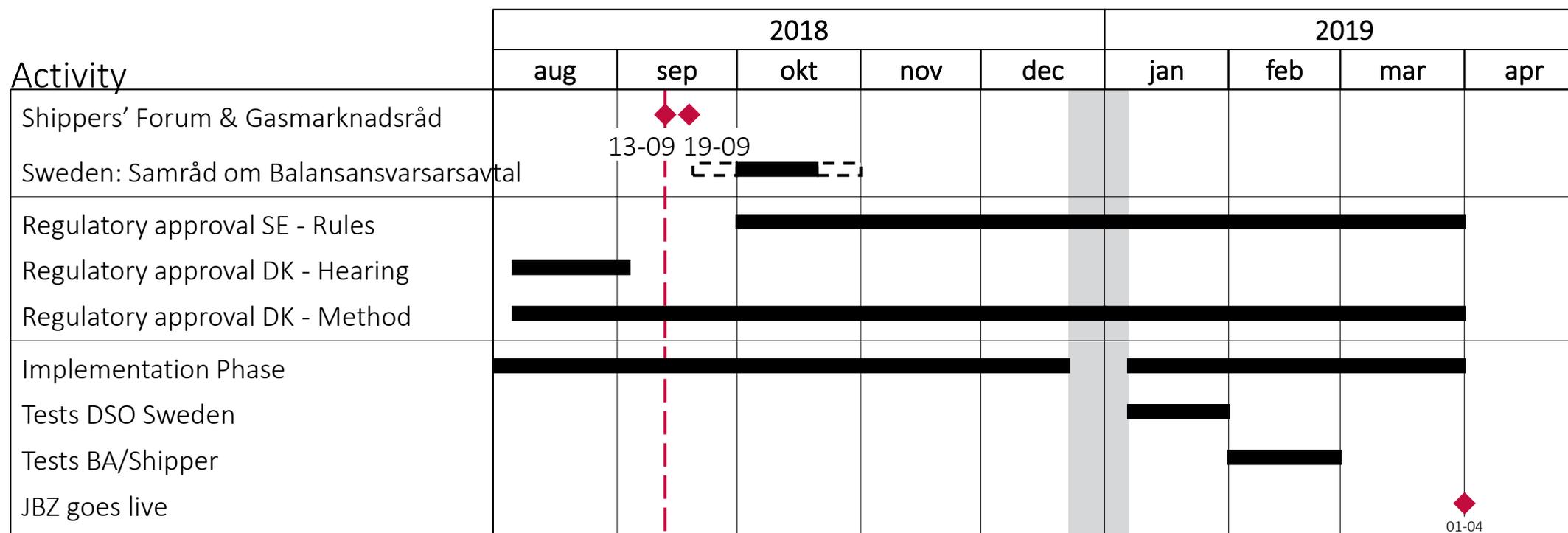
3 comments received during Energinet’s consultation

0 comments received during Danish Utility Regulation’s (DUR) consultation



JOINT BALANCING ZONE – NEXT STEPS

Timeline



01-04

THE BALANCE ADMINISTRATOR AGREEMENT

Martin Fahlvik, Swedegas

CONSULTATION PROCESS

Parallel process with market and regulator

The agreement will be finalized in 1-2 weeks. The plan is to start the consultation on the first of October.

Target audience is the Balance administrators, regulators and relevant authorities. If you're interested in participating please contact martin.fahlvik@swedegas.se

The agreement will be submitted to the market and the regulators simultaneously. Regulatory approval is expected to take 6 months starting from the date of submission. If market consultation result in only minor changes, an update of the submitted material is accepted within the timeframe. If major changes are required the approval time is reset with a risk of project delay.

THE NEW AGREEMENT

To fulfil the agreement obligations Swedegas will terminate the current BA-agreements three months before the new one enters into force. The termination will be conditioned by the regulatory approval of the new agreement. This means that a termination can be expected before new years.

The new agreement will require the BA being a shipper in Denmark.

The balancing rules will be identical with Energinets JBZ version of rules for gastransport

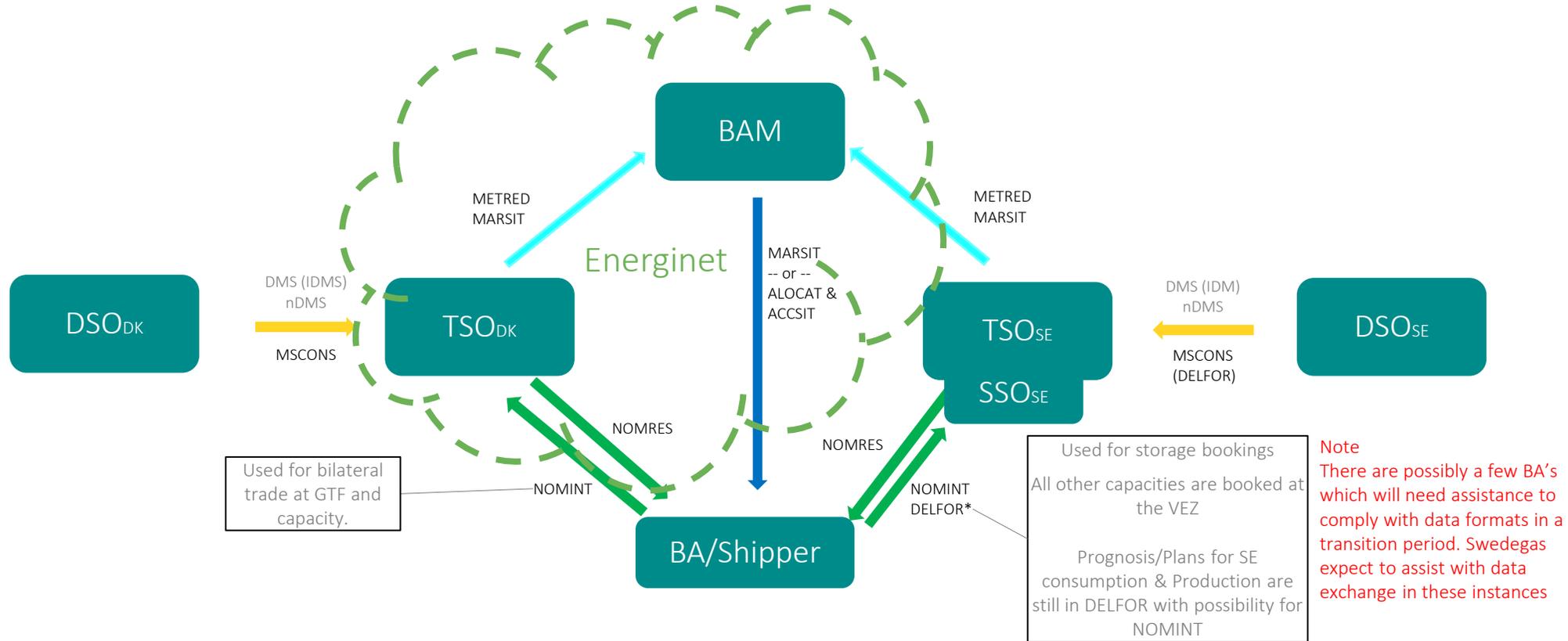
Invoicing for imbalances will be handled by energinet, swedegas only administers the energy consumption fee (förbrukningsenergiavgift).



JBZ DATA EXCHANGE

Martin Fahlvik, Swedegas

BAM DATA FLOW - COMMERCIAL BALANCING DRAFT



Note
 There are possibly a few BA's which will need assistance to comply with data formats in a transition period. Swedegas expect to assist with data exchange in these instances

* = includes confirmation

Data exchange JBZ with EDIG@S 5.1- updates

DRAFT

Before JBZ

BA ↔ Swedegas	
DELFOR	MSCONS
Nominations(& confirmations)	Preliminary/final Allocations
Plans(forecast)	Imbalance(corrections)
Matching	Storage transactions/balance
Bilateral Trade	Balancing prices
Balancing Trade	Balance account position
Balance account limits	IDM 2 ggr

DSO ↔ Swedegas

DELFOR	MSCONS
Preliminary GCV	Final GCV
	Grid Exchange
	nDMS Profiles
	DMS
	Average monthly power
	IDM 2 times

With JBZ

BA ↔ Energinet	
NOMINT & NOMRES	
Nominations(& confirmations)	
Bilateral Trade	

BA ↔ BAM (if EDIG@S 4 is used)		
MARSIT (4.0 ACCSIT)	MARSIT (4.0 ALOCAT)	MARSIT (4.0 METRED)
Balance account position	Preliminary/final Allocations	nDMS Forecast
	Imbalance(corrections)	IDM 5 times
	Storage transactions/balance	
	Balancing prices	

DSO ↔ Swedegas

DELFOR	MSCONS
Preliminary GCV	Final GCV
	Grid Exchange
	nDMS Profiles
	DMS
	Average monthly power
	IDM 5 times

BA ↔ Swedegas

DELFOR(or NOMINT)	MSCONS
SE Storage nominations (& confirmations)	Preliminary/final Allocations
Plans(forecast)	Imbalance(corrections)
Matching	Storage transactions/balance
Bilateral Trade	Balancing prices
Balancing Trade	Balance account position
Balance account limits	IDM-2 ggr

DATA SPECIFICATIONS

Communicating with the Energinet (BAM)

EDIG@S 5.1 is the preferred solution, 4.0 is supported but will become deprecated in a few years. Energinet will publish shipper guidelines for EDIG@S 5.1 on the first of October. The shipper guide can be found at: <https://en.energinet.dk/Gas/Shippers/Edigas-XML> , currently EDIG@S 4.0 is available.

Testing is possible with start from October, contact backoffice@energinet.dk for details.

For EDIG@S specifications please visit: <https://www.edigas.org/version-5/> for applicable formats see Shipper guide.

Protocol for data exchange is AS4, with the current AS2 as fallback.

DATA SPECIFICATIONS

Communicating with Swedegas

EDIG@S 5.1 is the preferred solution for new BA's, for existing BA's EDIEL will be supported but a change is recommended in the coming years.

Swedegas will publish a shipper guide for EDIG@S 5.1 in November, testing is available with start in February.

Contact systemdrift@Swedegas.se to start registration process to become a BA.

<https://www.edigas.org/version-5/> , used processes are 3 and 10. Formats that are to be exchanged with Swedegas is NOMINT and NOMRES

Protocol for EDIG@S data exchange is AS4.

DEDICATED WEBSITE

One place to find latest news and the complete published material on the topic



<https://en.energinet.dk/Gas/Shippers/Swedegas-Joint-Balancing-Zone>

<https://www.swedegas.se/jbz>

QUESTIONS



email: jbz@swedegas.se