

**ENERGINET**

Energinet  
 Tonne Kjærvej 65  
 DK-7000 Fredericia

+45 70 10 22 44  
 info@energinet.dk  
 VAT no. 28 98 06 71

Date:  
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Author:  
 NSY/NSY

**MEMO****TRANSPARENCY INFORMATION 2019/2020 – AN OVERVIEW****1. Art. 29 (a): Information on firm capacity**

*Information for standard capacity products for firm capacity (reserve prices, multipliers, seasonal factors, etc.)*

- Energinet have multipliers but no seasonal factors. Multipliers and reserve prices can be found on the pricelist:
  - <https://en.energinet.dk/-/media/6FD427AC461A42209F0F0A3AEAEEDC23.pdf>

**2. Art. 29 (b): Information on interruptible capacity**

*Information for standard capacity products for interruptible capacity (reserve prices and an assessment of the probability of interruption)*

- See pricelist:
  - <https://en.energinet.dk/-/media/6FD427AC461A42209F0F0A3AEAEEDC23.pdf>

There is no empirical data to use as interruptible capacity was not only seriously offered back before entry capacity at Ellund IP (DK-DE) was established. But the discount level is set at historic levels and will be adjusted if it then turns out not to sufficiently reflect the probability of interruption.

**3. Art. 30 (1)(a): Technical and method parameters**

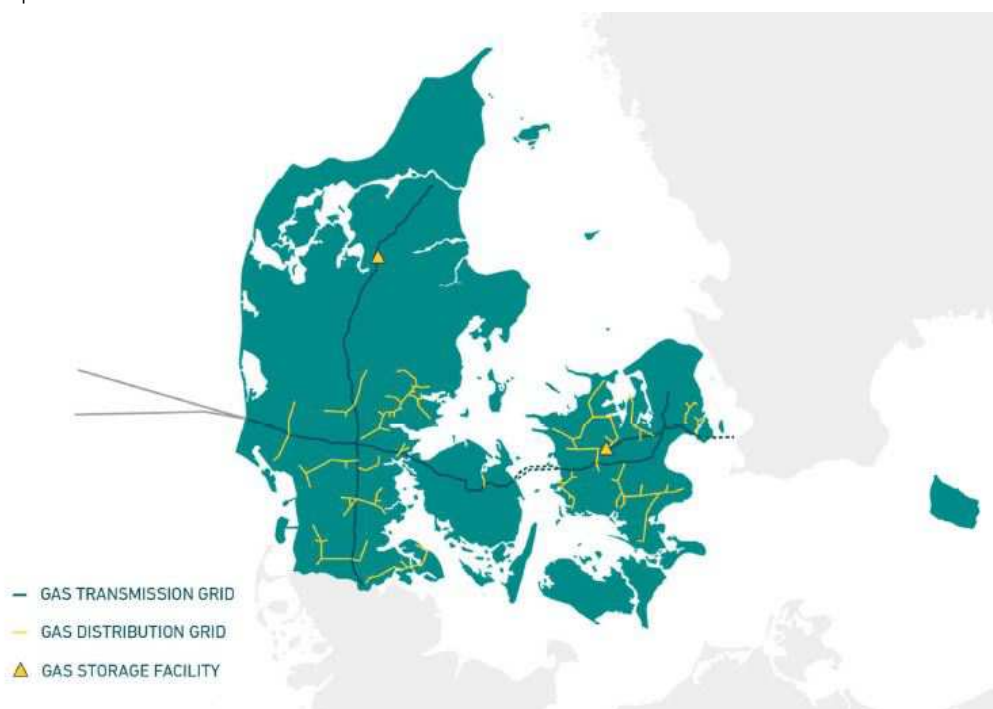
*Information on parameters used in the applied reference price methodology related to the technical characteristics of the transmission system.*

- Technical capacity
  - <https://en.energinet.dk/Analysis-and-Research/Analysis-assumptions/Analysis-assumptions-2017>
  -
- Forecasted capacity booking and flow

2019/2020	
Commodity (mio. kWh)	
Denmark	29,044

ExportSweden	10,890
Export Germany	0
Total	39,934
<b>Capacity (kWh/h/year)</b>	
Exit zone	4,733,333
Exit Dragør	0
Exit Ellund	0
Exit capacity	4,733,333
Entry Nybro	260,000
Entry Ellund	4,100,000
Entry BNG	440,000
Entry Capacity	8,466,636

- Structural representation of the transmission network:



#### 4. Art. 30 (1)(b)(ii): Revenue changes

*Information related to changes in the revenue.*

- Cost base: 423.1 mDKK

#### 5. Art. 30 (1)(b)(iii): Parameters related to CAPEX

*Information related the following Parameters: types of assets, cost of capital, capital and operational expenditures, incentive mechanisms and efficiency targets, inflation indices.*

- To be clarified

## 6. Art. 30 (1)(b)(iv,v): Split on transmission services revenue

*Information on the transmission services revenue including capacity-commodity split, entry-exit split and intra-system/cross-system split.*

- The different splits are listed in the table below. Since half of the revenue is generated from commodity tariffs the splits are made both with and without commodity revenue.
- Will be updated before 1 October 2019

<b>Split</b>	<b>Capacity only:</b>	<b>Including commodity:</b>
<b>Intra</b>		
<b>Cross-use</b>		
<b>Entry</b>		
<b>Exit</b>		
<b>Capacity</b>		
<b>Commodity</b>		

## 7. Art. 30 (1)(b)(vi): Reconciliation of the regulatory account

*Information related to the previous tariff period regarding the reconciliation of the regulatory account.*

Energinet adjusts the allowed annual revenue with sums received as a result from discrepancy between the actually received annual revenue and the realized costs for a given year. The operator keeps a special regulatory account for that purpose where the annual differences between the actually received revenue and the revised costs accumulate on a yearly basis. Energinet is obliged to calculate any over or under recovery into the following year tariffs.

Energinet have in the tariffs for the gasyear 2019/2020 subtracted a overrecovery of 88 mDKK from the costbase.

## 8. Art. 30 (1)(b)(vii): Auction premium

*Information on the intended use of the auction premium.*

- No revenue generated by an auction premium has been accounted for as at the of the pricing period (01.10.2018-30.09.2019). When/If such revenue is generated it will be included in the general sum of the revenue collected.

## 9. Art. 30 (1)(c): Transmission and non-transmission tariffs

*Information on transmission and non-transmission tariffs accompanied by the relevant information related to their derivation.*

- Transmission
  - See Art. 30 (2)(b)
- Emergency

- The emergency supply tariff is derived as the total cost base related to emergency divided by the Danish consumption (protected and non-protected).  
The tariffs are charged by the DSO Company.

## 10. Art. 30 (2)(a): Changes and trends

Information on transmission tariff changes and trends.

- To be clarified

## 11. Art. 30 (2)(b): Model and calculations

Information about the used tariff model and an explanation how to calculate the transmission tariffs applicable for the prevailing tariff period.

- Energinet has as basis a uniform/postage stamp tariff methodology with a ex-post entry-exit-split mean that the resultning tariffs will be the same at all entry and all exit points, which cover the CAPEX related to existing assets before 2013.
- Some points have an initial element that covers the CAPEX related to the Ellund-Egtved expansion (compressor and pipeline).
- There is also included correction of over recovery (7,500,000 DKK).

Calculation of capacity tariffs:

$$\begin{aligned} \text{Tariff} &= \frac{70\% * (\text{Costbase} - \text{Correction of over recovery})}{\text{Forecasted capacity}} \\ &= \frac{70\% * (423.1\text{mDKK} - 88\text{mDKK})}{9,533,333} = 23.54 \text{ DKK/kWh/h/year} \end{aligned}$$

Calculation of commodity tariffs:

$$\begin{aligned} \text{Tariff}_{\text{Exit points}} &= \frac{30\% * (\text{Costbase} - \text{Correction of over recovery})}{\text{Forecasted flow}_{\text{Exit points}}} \\ &= \frac{30\% * (423.1\text{mDKK} - 88\text{mDKK})}{39,934} = 0.00241 \text{ DKK/kWh} \end{aligned}$$

Resulting tariffs:

	T_En
<b>Entry Points</b>	<b>(DKK/kWh/h/year)</b>
Nybro Entry	23.54
Ellund Entry	23.54
BNG Entry	23.54

	T_Ex
<b>Exit Points</b>	<b>(DKK/kWh/h/year)</b>
DK-Zone	23.54
Ellund Exit	23.54
Dragør Exit	23.54

<b>Exit Points</b>	<b>(DKK/kWh)</b>
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Commodity tariff      0.00241