

**COMMISSION REGULATION (EU) 2017/460 of 16 March 2017 establishing a network code on harmonized transmission tariff structures for gas**

**Compliance with Article 30 “Information to be published before the tariff period”**

**30.1.(a).(i) – Technical capacity at entry and exit points and associated assumptions**

Technical capacity is not relevant for the reference price methodology. Relevant information though is available via the following link:

[http://www.desfa.gr/?page\\_id=2781&lang=en](http://www.desfa.gr/?page_id=2781&lang=en)

**30.1.(a).(ii) – Forecasted contracted capacity at entry and exit points and associated assumptions**

The forecasted capacities used to determine the capacity charges for 2018 are shown in the following table:

| Daily peak of Quantity delivered to each Entry (m <sup>3</sup> /day/year) |           |            | Daily peak of Quantity received by each Exit (m <sup>3</sup> /day/year) |            |            |                             |
|---|-----------|------------|---|------------|------------|-----------------------------|
| Sidirokastro  | Kipi      | Ag. Triada | North East Zone   | North Zone | South Zone | Sidirokastro (reverse flow) |
| 9.792.685   | 2.576.000 | 8.128.338  | 19.093  | 5.334.080  | 19.977.800 | 34.247                      |

**30.1.(a).(iii) – Quantity and direction of the gas flow for entry and exit points and associated assumptions**

| Year | Sum of Quantities delivered to each Entry (m <sup>3</sup> /year) |             |               | Sum of Quantities received by each Exit (m <sup>3</sup> /year) |             |               |                             |
|------|--|-------------|---------------|--|-------------|---------------|-----------------------------|
|      | Sidirokastro   | Kipi        | Ag. Triada    | North East Zone  | North Zone  | South Zone    | Sidirokastro (Reverse Flow) |
| 2018 | 2.400.000.000  | 600.000.000 | 1.284.201.186 | 3.397.901  | 934.603.505 | 3.336.199.780 | 10.000.000                  |



**30.1.(a).(iv) – Structural representation of the transmission network**

Structural representation of the transmission network is available via the following link:

[http://www.desfa.gr/?page\\_id=3278&lang=en](http://www.desfa.gr/?page_id=3278&lang=en)

**30.1.(a).(v) – Additional technical information about the transmission network**

Not Applicable

**30.1.(b). (i) – Allowed revenue of the transmission system operator**

| Year | Basic Activity of Transmission (€) |
|------|------------------------------------|
| 2018 | 174.920.425                        |

### 30.1.(b). (ii) – Information related to changes in revenue

| Year   | Basic Activity of Transmission (€) |
|--------|------------------------------------|
| 2017   | 146.749.623                        |
| 2018   | 174.920.425                        |
| Change | 19%                                |

*\*data of revenue refer to the approved allowed revenues*

### 30.1.(b). (iii). (1) – Types of assets included in the regulated asset base and their aggregated value

In the Regulated Asset Base tangible and intangible assets are included. As far as tangible assets are concerned these include:

- land and plots,
- buildings and building facilities,
- machinery and mechanical installations,
- transportation equipment,
- furniture and fixture &
- fixed assets under construction or installation.

The aggregated value of the aforementioned tangible and intangible assets is equal to:

For 2018: 510.276.524 €

It shall be mentioned that said amounts are net of grants, connection fees, own production and interest during construction.

### 30.1.(b). (iii). (2) – Cost of capital and its calculation methodology

The approved Weighted Average Cost of Capital for the period 2017-2018 is equal to 9,22% nominal pre-tax.

The calculation methodology is described in the approved 2nd Amendment of the Tariff Regulation for Basic Activities of the National Natural Gas System (RAE Decision 871/2017, O.G. B 3720/20.10.2017) and is available via the following link:

<http://www.desfa.gr/wp-content/uploads/2017/10/Government-Gazette-3720- 2nd-Amendment-of-Tariff-Regulation-ENG.pdf>

### 30.1.(b). (iii). (3) – Capital expenditure information

#### (a) methodologies to determine the initial value of assets

The initial value of assets is based on the acquisition value of assets based on DESFA's Financial Statements and is adjusted according to the provisions of the Second Amendment of the Tariff

Regulation for Basic Activities of the National Natural Gas System (RAE Decision 871/2017, O.G. B 3720/20.10.2017).

**(b) methodologies to re-evaluate the assets**

Based on the 2<sup>nd</sup> Amendment of the Tariff Regulation for Basic Activities of the National Natural Gas System (RAE Decision 871/2017, O.G. B 3720/20.10.2017) any revaluation of Assets of the System Operator after the initial recording in the Financial Statements will not be taken into account in the RAB

**(c) explanation of the evolution of the value of assets**

The evolution of the value of assets is based on the above mentioned methodologies.

**(d) depreciation periods and amounts per asset type**

Depreciation periods are based on a weighted average rate of the depreciation period per asset type of the financial statements of the company (equal to approximately 35,4%). The depreciation period indicatively per asset type is equal to:

| Type of Asset                  | Years |
|--------------------------------|-------|
| Land and plots                 | 0     |
| Buildings                      | 20    |
| Other technical installations  | 10    |
| Pipeline & Compressor Stations | 40    |
| Machinery                      | 6     |
| Cars                           | 5     |
| Other transportation means     | 6     |
| Furniture & other equipment    | 5     |
| IT                             | 5     |

**30.1.(b). (iii). (4) – Operational expenditures**

| Year | Operating Expenditures of the Transmission System (€) |
|------|---|
| 2018 | 31.821.345  |

**30.1.(b). (iii). (5) – Incentive mechanisms and efficiency targets**

Not applicable

**30.1.(b). (iii). (6) – Inflation indices**

Inflation is based on latest available data in the International Monetary Fund’s website at the time of tariffs’ calculation.

**30.1.(b). (iv) – The transmission services revenue**

The transmission services revenue is assumed equal to the allowed revenue

**30.1.(b). (v) – Information on the ratios for the revenue referred to in point (iv) above:**

1. Capacity-commodity split: 80% -20%
2. Entry- Exit split: 20% -80%
3. Intra-system /Cross-system split: N/A (as there are no transit flows)

**30.1.(b). (vi). (1) & (2) – Actually obtained revenue and reconciliation mechanism**

Actually obtained revenue of the year 2016 is equal to 123.923.389 € and the relevant over-recovery produced is equal to 3.192.430 €. This amount will be recovered through the 2018 tariffs as it is part of the 2018 allowed revenue.

The reconciliation mechanism is described in Articles 19 &19A of the 2nd Amendment of the Tariff Regulation for Basic Activities of the National Natural Gas System (RAE Decision 871/2017, O.G. B 3720/20.10.2017).

**30.1.(b). (vii) – the intended use of the auction premium**

Any revenue stemming from auction premium contributes to the generation of recoverable difference as it is part of the actually obtained revenue.

**30.1.(c) – Information on transmission and non-transmission services**

**(i) commodity based transmission tariffs**

**Commodity based transmission tariffs are applied to each entry and each exit of the system.**

| <b>(€/kWh GCV/Year)</b> | <b>1.1.2018-1.5.2018</b> | <b>1.5.2018-1.1.2019</b> |
|-------------------------|--------------------------|--------------------------|
| Entry Sidirokastro      | 0,0001682                | 0,0001566                |
| Entry Kipi              | 0,0001309                | 0,0001648                |
| Entry Ag. Triada        | 0,0001299                | 0,0000673                |
| Exit North East Zone    | 0,0004161                | 0,0003219                |
| Exit North Zone         | 0,0004494                | 0,0003140                |
| Exit South Zone         | 0,0006561                | 0,0005833                |

**(ii) non-transmission tariffs for non-transmission services**

Please refer to relevant link for an analysis of the methodology used for the calculation of non-transmission tariffs: [http://www.desfa.gr/?page\\_id=2160](http://www.desfa.gr/?page_id=2160)

**(iii) the reference price and other prices applicable at points other than those referred to in Article 29**

Capacity tariffs for other than IPs are presented in the following link:

[http://www.desfa.gr/?page\\_id=2638&lang=en](http://www.desfa.gr/?page_id=2638&lang=en)

It shall be mentioned that said tariffs are applicable from 1.5.2018.

Until that time the capacity tariffs for other than IPs are presented in the following link:

[http://www.desfa.gr/?page\\_id=12441&lang=en](http://www.desfa.gr/?page_id=12441&lang=en)

\* The Entry Sidirokastro mentioned in the aforementioned link refers to the IP Kulata /Sidirokastro.

**30.2.(a).(i) – Difference in the level of transmission tariffs for the same type of transmission service applicable for the prevailing tariff period and for the tariff period for which the information is published**

The change in 2018 tariffs compared to 2017 tariffs is approximately -6%.

**30.2.(a).(ii) – Estimated difference in the level of transmission tariffs for the same type of transmission service applicable for the tariff period for which the information is published and for each tariff period within the remainder of the regulatory period.**

Non applicable. The existing regulatory period is for two years, namely the 2017 -2018 period, therefore there are no available data for 2019 onwards.