

UNOFFICIAL TRANSLATION

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GOVERNMENT OF GREECE GAZETTE B 2436/20 June 2019

RAE Decision no. 540/2019

Approval of the required Revenue of Transmission and LNG Facility and Regula Revision of the Tariffs for the Use of the National Natural Gas System applying the provisions of par. 5 of article 88 of the Law 4001/2011 as in force

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1. Natural Gas Demand (par. 8 of Article 9 of Tariff Regulation)

The following Tables present the expected natural gas and LNG demand for the year 2019, which is used for the calculation of tariffs for the use of NNGS.

Year	Daily peak of Quantity delivered to each Entry (m ³ /day/year)			Daily peak of Quantity received by each Exit (m ³ /day/year)			
	Sidirokastro	Kipi	Ag. Triada	North East Zone	North Zone	South Zone	Sidirokastro (Exit Point Reverse flow)
2019	9.600.000	2.300.000	9.200.000	24.737	6.275.079	18.581.571	34.247

Year	Sum of Quantities delivered to each Entry (m ³ /year)			Sum of Quantities received by each Exit (m ³ /year)			
	Sidirokastro	Kipi	Ag. Triada	North East Zone	North Zone	South Zone	Sidirokastro (Exit Point Reverse flow)
2019	2.580.606.272	584.206.021	1.413.818.945	3.436.755	1.069.627.876	3.495.566.607	10.000.000
Total	4.578.631.238			4.578.631.238			

Year	Daily peak of LNG Quantity regasified at the LNG Facility (m ³ /day/year)	Total LNG Quantity regasified at the LNG Facility (m ³ /year)
2019	9.200.000	1.413.818.945

2. Required Revenue (par. 4 of Article 3A of Tariff Regulation)

Required Revenue per Basic Activity (€/Year)			
Year	Basic Activity of Transmission	Basic Activity of LNG Facility	Total
2019	101.807.713	42.509.863	144.317.576
2020	101.098.410	41.112.281	142.210.691
2021	99.084.171	40.508.395	139.592.566
2022	98.416.388	39.795.811	138.212.199

3. A) Regulated Asset Base (par. 10 of Article 4 of Tariff Regulation)

Regulated Asset Base per Basic Activity (€/Year)			
Year	Basic Activity of Transmission	Basic Activity of LNG Facility	Total
2019	523.739.020	269.666.811	793.405.831
2020	523.736.570	260.501.347	784.237.916
2021	515.933.930	250.371.276	766.305.206
2022	490.228.106	240.178.935	730.407.041

B) Scheduled capital expenditure for projects taken into account for the calculation of the Regulated Asset Base (par. 10 of Article 4 of Tariff Regulation)

Planned Investments	Remaining capital expenditures for 2019-2022 (€)
CS Ambelia	24.233.400
PIMS – Pipeline Integrity Management System	160.000

Upgrade of electrical switches for medium voltage and internal lighting in the control room of LNG facility	500.000
Upgrade of Geographical Information System (GIS) system	50.000
Upgrade of physical security of DESFA facilities/ Physical Security Control Center	490.100
Optimization of measurement accuracy at DESFA stations	200.000
Replacement of Metering and Supervision/ Control Systems at NNGTS stations	2.178.450
New Building	11.000.000
Nea Messimvria Compressor Station Upgrade	7.459.500
TAP Interconnection Projects	3.528.648
2nd Upgrade in Revithoussa	14.616.522
Upgrade of Electrical & Electronic Equipment, Invoicing System & SCADA Equipment at M/R Stations	306.397
Upgrade of SCADA graphical environment in control centers	524.350
Design, procurement and installation of a daily gas flow planning system	197.000
Upgrade of the system for the corrosion protection of the NNGS	72.657
M/R Kavala	982.086
LNG Unloading arms	700.000
Boil-off gas	2.139.192
MR Livadeia	1.980.000
Upgrade of DESFA's Fixed Telecom. Systems (FTS)	39.189
Sidirokastro - 2nd Upgrade of MR	182.833
Expansion & Upgrading Thessaloniki MR Stations	106.101
Design, supply, installation and preparation for operation of SCADA Field equipment	70.000
Pipeline Mavromati -Larco	12.500.000
Total	84.216.425

In all cases, any grants and Connection Fees have been deducted.

Γ) The percentage of KK (par. 2 of Article 4 of Tariff Regulation)

KK% is equal to 50% however taking into consideration par.2 of Article 4, the Working Capital is equal to the safety security deposit as depicted in par.6 increased by 33%.

4. Weighted Average Cost of Capital (par. 7 of Article 6 of Tariff Regulation)

WACC nominal pre-tax is equal to **8,23%**

The parameters used to identify it, pursuant to Article 6 of Tariff Regulation are the following:

		2019	2020	2021	2022
Risk Free Rate		0,35%	0,35%	0,35%	0,35%
Country Risk Premium		2,00%	1,80%	1,50%	1,50%
β		0,80	0,80	0,80	0,80
Market Risk Premium		5,30%	5,30%	5,30%	5,30%
Return on Equity	nominal after tax	6,59%	6,39%	6,09%	6,09%
Tax Rate		28%	27%	26%	25%
Return on Equity	nominal pre tax	9,16%	8,76%	8,23%	8,12%
Gearing Ratio (G)		18,37%	18,90%	16,38%	16,10%
Debt Interest Rate		4,14%	3,93%	3,92%	3,91%
WACC	nominal pre tax	8,23%	7,84%	7,52%	7,44%

5. Projected Regulated Assets' Depreciation (par. 3 of Article 7 of Tariff Regulation)

Projected Regulated Assets' Depreciation per Basic Activity (€/Year)			
Year	Basic Activity of Transmission	Basic Activity of LNG Facility	Total
2019	25.856.235	10.120.982	35.977.217
2020	26.253.408	10.120.982	36.374.390
2021	26.543.342	10.176.422	36.719.764
2022	27.470.393	10.176.422	37.646.815

6. Projected Regulated Operating Expenses (par. 7 of Article 7A of Tariff Regulation)

Projected Regulated Operating Expenses per Basic Activity (€/Year)			
Year	Basic Activity of Transmission	Basic Activity of LNG Facility	Total
2019	32.847.756	10.195.302	43.043.058
2020	33.784.055	10.567.994	44.352.048
2021	33.742.597	11.504.053	45.246.651
2022	34.473.024	11.750.076	46.223.100

7. The LNG Facility Dispersion Percentage (SocLNG) (par.2 of Article 8 of Tariff Regulation)

It is defined equal to 75%.

8. The Required Revenue to be Recovered from each Basic Activity and from each Entry and Exit of the Transmission System is presented in the following tables (par. 3 of Article 8A of Tariff Regulation)

Required Revenue to be recovered by each Basic Activity (€/Year)			
Year	Basic Activity of Transmission	Basic Activity of LNG Facility	Total
2019	145.325.466	10.686.424	156.011.891

9. Allocation of the Required Revenue to be recovered (par.1 of Article 10 of Tariff Regulation)

The Required Revenue to be Recovered from the Basic Activity of Transportation is allocated by 20% to the Entries and by 80% to the Exits of the Transmission System.

10. Percentages of further allocation of the Required Revenue to be Recovered to each Entry and Exit of the Transmission System (par. 2 and par. 5 of Article 10 of Tariff Regulation)

The allocation of the Required Revenue to be Recovered in the Entries follows the principle of equal capacity and commodity coefficients in the Entry Zones including the LNG Facility.

Percentages of further allocation of the Required Revenue to be Recovered - Exits	
Exit North East Zone	0,05%
Exit North Zone	13,51%
Exit South Zone	86,44%

11. Recoverable Difference per Basic Activity of NNGS (par. 6 of Article 19A and par. 3 of Article 19B of Tariff Regulation)

A. Recoverable Difference 2017

According to the actual data of 2017 the Actual Recoverable Difference of 2017 (actual regulated revenue minus Required Revenue to be Recovered) is equal to € 76.921.228,80 (overrecovery) instead of the forecasted amount of € 66.058.175,00 (overrecovery) [RAE Decision 997/2017 O.G. B 4737/29.12.2017], as a result the Recoverable Difference of 2017 based on par. 5 of Article 19A of the Regulation, stems from the above difference, i.e. equal to € 10.863.107,80 (this amounts refers to overrecovery above the forecasted amount) and corresponds to a percentage of 7,26% of the Actual Required Revenue to be Recovered of the NNGS (the latter is equal to € 149.667.899,21), namely percentage greater than 5%.

As a result, and taking into consideration Article 19 (B) par.3, where the Over-recovery percentage Limit is set equal to 3%, amount equal to € 4.490.036,98 will be subtracted from the Required Revenue of 2019 adjusted with the Consumer Price Index of 2017, therefore it is equal to € 4.540.382. The remaining amount of € 6.373.070,82 will be deducted from the Old Recoverable Difference.

Actual RD 2017 NNGTS & LNG, € (overrecovery)	76.921.282,80
Forecasted RD 2017 NNGTS & LNG, € (overrecovery)	66.058.175,00
Recoverable Difference 2017, €(overrecovery)	10.863.107,80
Part of the Recoverable Difference of 2017 that will be deducted from the Required Revenue (New RD), €	4.490.036,98
Part of the Recoverable Difference of 2017 that will be deducted from the Old RD, €	6.373.070,82

Allocation of the New Recoverable Difference of 2017 per Basic Activity (€/Year) *			
Year	Basic Activity of Transmission	Basic Activity of LNG Facility	TOTAL
Recoverable Difference 2017	-4.229.704	-310.678	-4.540.382

* the RD of 2017 has been adjusted with the Consumer Price Index of 2017 as this has been announced by the Hellenic Statistical Authority.

B. Recoverable Difference 2018

Based on the actual data of 2018 the Recoverable Difference of 2018 (actual regulated revenue minus Required Revenue to be Recovered) is equal to € 25.303.507,53 (this amounts refers to overrecovery) and corresponds to a percentage of 15,51% of the Actual Required Revenue to be Recovered of the NNGS (the latter is equal to € 163.142.158,89). The total Amount of the Recoverable Difference of 2018 will be deducted from the Old Recoverable Difference in the end of 2018.

12. Old Recoverable Difference per Basic Activity of the NNGS (par. 5 of Article 19B of the Tariff Regulation)

A. Calculation of the amount of Old Recoverable Difference to be recovered during the Calculation Period from the Basic Activity of Transmission (€/Year)

€	2016	2017	2018	2019	2020	2021	2022
<i>Old Recoverable Difference 31.12</i>	308.753.734	252.929.843	219.634.574	212.383.610	203.744.561	194.078.388	183.334.519
<i>Amount to be recovered</i>	0	-2.500.000	-18.600.000	-15.688.184	-16.337.201	-16.978.713	-17.643.490
<i>Overrecovery of year offset with past RD</i>	0	-64.313.840	-24.010.602	0	0	0	0

B. Calculation of the amount of Old Recoverable Difference to be recovered during the Calculation Period from the Basic Activity of LNG (€/Year)

€	2016	2017	2018	2019	2020	2021	2022
<i>Old Recoverable Difference 31.12</i>	17.087.060	13.619.580	7.651.183	7.398.589	7.097.639	6.760.909	6.386.636
<i>Amount to be recovered</i>	0	-500.000	-5.000.000	-546.513	-569.122	-591.470	-614.628
<i>[equivalent to :]</i>	0	-3.559.259	-1.292.905	0	0	0	0

13. Coefficients for the calculation of the Transmission and LNG Facility tariffs (par. 11 of Article 11 of Tariff Regulation)

Tariff Coefficients for the year 2019:

A) COEFFICIENTS FOR THE RESERVED CAPACITY CHARGE

A1) for the Transmission System for each Entry and Exit

MMS_i (€/kWh GCV /Day/Year)

MMS _i (€/kWh GCV /Day/Year)	2019
Entry Sidirokastro	0,1612019
Entry Kipi	0,1612019
Entry Ag. Triada	0,0644131
Exit North East Zone	0,2081846
Exit North Zone	0,2192507
Exit South Zone	0,4735978

A2) for the LNG Facility

LCE (€/kWh GCV /Day/Year)

LCE (€/kWh GCV /Day/Year)	2019
LNG Facility	0,0967888

B) COEFFICIENTS FOR THE COMMODITY CHARGE

B1) for the Transmission System for each Entry and Exit

TQE_i (€/kWh GCV)

TQE_i (€/kWh GCV)	2019
Entry Sidirokastro	0,0001495
Entry Kipi	0,0001495
Entry Ag. Triada	0,0000235
Exit North East Zone	0,0002997
Exit North Zone	0,0002573
Exit South Zone	0,0005035

B2) for the LNG Facility

LQE(€/kWh GCV)

LQE(€/kWh GCV)	2019
LNG Facility	0,000126

14. Coefficients TRACap and LNGCap (par. 9 of Article 11 of Tariff Regulation)

They are defined equal to 80%.

15. Coefficients to facilitate short-term contracts $\beta_{\text{TRA},I}$ and β_{LNG} (par.10 of Article 11 of Tariff Regulation)

They are defined equal to 0, 8.

16. Entries and Exits change (par. 7 of Article 9 of Tariff Regulation)

There is no change in the Entries and the Exits of the Transmission System compared to the Tariff Regulation.

17. Short-term multipliers B (par. 4 of Article 13 of Tariff Regulation)

A) SHORT TERM CHARGE MULTIPLIERS B FOR THE ENTRY “SIDIROKASTRO” AND “KIPI”

Daily Product	Monthly Product	Quarterly Product	Yearly Product
1,4551	1,4122	1,3276	1

B) SHORT TERM MULTIPLIERS B FOR THE ENTRY “AGIA TRIADA” AND FOR THE BASIC ACTIVITY OF LNG FACILITY

The multiplier B is calculated based on the function $B_{(d)} = a \cdot e^{-bd}$, ($B_{d \geq 365} = 1$) where a, b are constant parameters and d is the duration of the Short-term Contract in Days for the use of the Entry “Agia Triada” or the use of the LNG Facility.

The parameters for the calculation of the multiplier B are:

a= 1,456566

b= 0,001030

The following table presents the values of the multiplier B, according to the number of Days of the Short-term Contract.

d	B(d)												
1	1,4551	61	1,3679	121	1,2859	181	1,2088	241	1,1364	301	1,0683	361	1,0043
2	1,4536	62	1,3665	122	1,2846	182	1,2076	242	1,1352	302	1,0672	362	1,0032
3	1,4521	63	1,3651	123	1,2832	183	1,2063	243	1,1340	303	1,0661	363	1,0022
4	1,4506	64	1,3636	124	1,2819	184	1,2051	244	1,1329	304	1,0650	364	1,0012
5	1,4491	65	1,3622	125	1,2806	185	1,2039	245	1,1317	305	1,0639	365	1,0000
6	1,4476	66	1,3608	126	1,2793	186	1,2026	246	1,1305	306	1,0628		
7	1,4461	67	1,3594	127	1,2780	187	1,2014	247	1,1294	307	1,0617		
8	1,4446	68	1,3580	128	1,2767	188	1,2001	248	1,1282	308	1,0606		
9	1,4431	69	1,3566	129	1,2753	189	1,1989	249	1,1271	309	1,0595		
10	1,4416	70	1,3552	130	1,2740	190	1,1977	250	1,1259	310	1,0584		
11	1,4402	71	1,3538	131	1,2727	191	1,1964	251	1,1247	311	1,0573		
12	1,4387	72	1,3525	132	1,2714	192	1,1952	252	1,1236	312	1,0562		
13	1,4372	73	1,3511	133	1,2701	193	1,1940	253	1,1224	313	1,0552		
14	1,4357	74	1,3497	134	1,2688	194	1,1928	254	1,1213	314	1,0541		
15	1,4342	75	1,3483	135	1,2675	195	1,1915	255	1,1201	315	1,0530		
16	1,4328	76	1,3469	136	1,2662	196	1,1903	256	1,1190	316	1,0519		
17	1,4313	77	1,3455	137	1,2649	197	1,1891	257	1,1178	317	1,0508		
18	1,4298	78	1,3441	138	1,2636	198	1,1878	258	1,1167	318	1,0497		
19	1,4283	79	1,3427	139	1,2623	199	1,1866	259	1,1155	319	1,0487		
20	1,4269	80	1,3414	140	1,2610	200	1,1854	260	1,1144	320	1,0476		
21	1,4254	81	1,3400	141	1,2597	201	1,1842	261	1,1132	321	1,0465		
22	1,4239	82	1,3386	142	1,2584	202	1,1830	262	1,1121	322	1,0454		
23	1,4225	83	1,3372	143	1,2571	203	1,1817	263	1,1109	323	1,0443		
24	1,4210	84	1,3358	144	1,2558	204	1,1805	264	1,1098	324	1,0433		
25	1,4195	85	1,3345	145	1,2545	205	1,1793	265	1,1086	325	1,0422		
26	1,4181	86	1,3331	146	1,2532	206	1,1781	266	1,1075	326	1,0411		
27	1,4166	87	1,3317	147	1,2519	207	1,1769	267	1,1064	327	1,0401		
28	1,4152	88	1,3303	148	1,2506	208	1,1757	268	1,1052	328	1,0390		
29	1,4137	89	1,3290	149	1,2493	209	1,1745	269	1,1041	329	1,0379		
30	1,4122	90	1,3276	150	1,2480	210	1,1733	270	1,1029	330	1,0368		
31	1,4108	91	1,3262	151	1,2468	211	1,1720	271	1,1018	331	1,0358		
32	1,4093	92	1,3249	152	1,2455	212	1,1708	272	1,1007	332	1,0347		
33	1,4079	93	1,3235	153	1,2442	213	1,1696	273	1,0995	333	1,0336		
34	1,4064	94	1,3222	154	1,2429	214	1,1684	274	1,0984	334	1,0326		
35	1,4050	95	1,3208	155	1,2416	215	1,1672	275	1,0973	335	1,0315		
36	1,4035	96	1,3194	156	1,2404	216	1,1660	276	1,0961	336	1,0305		
37	1,4021	97	1,3181	157	1,2391	217	1,1648	277	1,0950	337	1,0294		
38	1,4007	98	1,3167	158	1,2378	218	1,1636	278	1,0939	338	1,0283		
39	1,3992	99	1,3154	159	1,2365	219	1,1624	279	1,0928	339	1,0273		
40	1,3978	100	1,3140	160	1,2353	220	1,1612	280	1,0916	340	1,0262		
41	1,3963	101	1,3127	161	1,2340	221	1,1600	281	1,0905	341	1,0252		
42	1,3949	102	1,3113	162	1,2327	222	1,1588	282	1,0894	342	1,0241		
43	1,3935	103	1,3100	163	1,2314	223	1,1576	283	1,0883	343	1,0231		
44	1,3920	104	1,3086	164	1,2302	224	1,1565	284	1,0872	344	1,0220		
45	1,3906	105	1,3073	165	1,2289	225	1,1553	285	1,0860	345	1,0209		
46	1,3892	106	1,3059	166	1,2276	226	1,1541	286	1,0849	346	1,0199		
47	1,3877	107	1,3046	167	1,2264	227	1,1529	287	1,0838	347	1,0188		
48	1,3863	108	1,3032	168	1,2251	228	1,1517	288	1,0827	348	1,0178		
49	1,3849	109	1,3019	169	1,2239	229	1,1505	289	1,0816	349	1,0168		
50	1,3835	110	1,3005	170	1,2226	230	1,1493	290	1,0805	350	1,0157		
51	1,3820	111	1,2992	171	1,2213	231	1,1481	291	1,0793	351	1,0147		
52	1,3806	112	1,2979	172	1,2201	232	1,1470	292	1,0782	352	1,0136		
53	1,3792	113	1,2965	173	1,2188	233	1,1458	293	1,0771	353	1,0126		
54	1,3778	114	1,2952	174	1,2176	234	1,1446	294	1,0760	354	1,0115		
55	1,3763	115	1,2939	175	1,2163	235	1,1434	295	1,0749	355	1,0105		
56	1,3749	116	1,2925	176	1,2151	236	1,1423	296	1,0738	356	1,0094		
57	1,3735	117	1,2912	177	1,2138	237	1,1411	297	1,0727	357	1,0084		
58	1,3721	118	1,2899	178	1,2126	238	1,1399	298	1,0716	358	1,0074		
59	1,3707	119	1,2885	179	1,2113	239	1,1387	299	1,0705	359	1,0063		
60	1,3693	120	1,2872	180	1,2101	240	1,1376	300	1,0694	360	1,0053		

r) SHORT TERM MULTIPLIERS B FOR THE EXITS OF THE TRANSMISSION SYSTEM

The multiplier B is calculated based on the function $B_{(d)} = a \cdot e^{-bd}$, ($B_{d \geq 365} = 1$) where a, b are constant parameters and d is the duration of the Short-term Contract in Days for the use of the Exits of Transmission System.

The parameters for the calculation of the multiplier B are:

a= 2,651975

b= 0,002672

The following table presents the values of the multiplier B, according to the number of Days of the Short-term Contract.

d	B(d)												
1	2,6449	61	2,2531	121	1,9194	181	1,6350	241	1,3929	301	1,1865	361	1,0108
2	2,6378	62	2,2471	122	1,9142	182	1,6307	242	1,3891	302	1,1834	362	1,0081
3	2,6308	63	2,2411	123	1,9091	183	1,6263	243	1,3854	303	1,1802	363	1,0054
4	2,6238	64	2,2351	124	1,9040	184	1,6220	244	1,3817	304	1,1771	364	1,0027
5	2,6168	65	2,2292	125	1,8990	185	1,6177	245	1,3780	305	1,1739	365	1,0000
6	2,6098	66	2,2232	126	1,8939	186	1,6133	246	1,3744	306	1,1708		
7	2,6028	67	2,2173	127	1,8888	187	1,6090	247	1,3707	307	1,1677		
8	2,5959	68	2,2114	128	1,8838	188	1,6048	248	1,3670	308	1,1645		
9	2,5890	69	2,2055	129	1,8788	189	1,6005	249	1,3634	309	1,1614		
10	2,5821	70	2,1996	130	1,8738	190	1,5962	250	1,3598	310	1,1583		
11	2,5752	71	2,1937	131	1,8688	191	1,5919	251	1,3561	311	1,1552		
12	2,5683	72	2,1879	132	1,8638	192	1,5877	252	1,3525	312	1,1522		
13	2,5614	73	2,1820	133	1,8588	193	1,5835	253	1,3489	313	1,1491		
14	2,5546	74	2,1762	134	1,8538	194	1,5792	254	1,3453	314	1,1460		
15	2,5478	75	2,1704	135	1,8489	195	1,5750	255	1,3417	315	1,1430		
16	2,5410	76	2,1646	136	1,8440	196	1,5708	256	1,3381	316	1,1399		
17	2,5342	77	2,1588	137	1,8390	197	1,5666	257	1,3346	317	1,1369		
18	2,5274	78	2,1531	138	1,8341	198	1,5624	258	1,3310	318	1,1338		
19	2,5207	79	2,1473	139	1,8292	199	1,5583	259	1,3274	319	1,1308		
20	2,5140	80	2,1416	140	1,8244	200	1,5541	260	1,3239	320	1,1278		
21	2,5073	81	2,1359	141	1,8195	201	1,5500	261	1,3204	321	1,1248		
22	2,5006	82	2,1302	142	1,8146	202	1,5458	262	1,3168	322	1,1218		
23	2,4939	83	2,1245	143	1,8098	203	1,5417	263	1,3133	323	1,1188		
24	2,4872	84	2,1188	144	1,8050	204	1,5376	264	1,3098	324	1,1158		
25	2,4806	85	2,1132	145	1,8001	205	1,5335	265	1,3063	325	1,1128		
26	2,4740	86	2,1075	146	1,7953	206	1,5294	266	1,3028	326	1,1099		
27	2,4674	87	2,1019	147	1,7905	207	1,5253	267	1,2994	327	1,1069		
28	2,4608	88	2,0963	148	1,7858	208	1,5212	268	1,2959	328	1,1039		
29	2,4542	89	2,0907	149	1,7810	209	1,5172	269	1,2924	329	1,1010		
30	2,4477	90	2,0851	150	1,7762	210	1,5131	270	1,2890	330	1,0981		
31	2,4412	91	2,0796	151	1,7715	211	1,5091	271	1,2856	331	1,0951		
32	2,4346	92	2,0740	152	1,7668	212	1,5051	272	1,2821	332	1,0922		
33	2,4281	93	2,0685	153	1,7621	213	1,5011	273	1,2787	333	1,0893		
34	2,4217	94	2,0629	154	1,7574	214	1,4970	274	1,2753	334	1,0864		
35	2,4152	95	2,0574	155	1,7527	215	1,4931	275	1,2719	335	1,0835		
36	2,4088	96	2,0520	156	1,7480	216	1,4891	276	1,2685	336	1,0806		
37	2,4023	97	2,0465	157	1,7433	217	1,4851	277	1,2651	337	1,0777		
38	2,3959	98	2,0410	158	1,7387	218	1,4811	278	1,2617	338	1,0748		
39	2,3895	99	2,0356	159	1,7340	219	1,4772	279	1,2584	339	1,0720		
40	2,3832	100	2,0301	160	1,7294	220	1,4732	280	1,2550	340	1,0691		
41	2,3768	101	2,0247	161	1,7248	221	1,4693	281	1,2517	341	1,0663		
42	2,3705	102	2,0193	162	1,7202	222	1,4654	282	1,2483	342	1,0634		
43	2,3641	103	2,0139	163	1,7156	223	1,4615	283	1,2450	343	1,0606		
44	2,3578	104	2,0086	164	1,7110	224	1,4576	284	1,2417	344	1,0577		
45	2,3515	105	2,0032	165	1,7065	225	1,4537	285	1,2384	345	1,0549		
46	2,3453	106	1,9979	166	1,7019	226	1,4498	286	1,2351	346	1,0521		
47	2,3390	107	1,9925	167	1,6974	227	1,4459	287	1,2318	347	1,0493		
48	2,3328	108	1,9872	168	1,6928	228	1,4421	288	1,2285	348	1,0465		
49	2,3265	109	1,9819	169	1,6883	229	1,4382	289	1,2252	349	1,0437		
50	2,3203	110	1,9766	170	1,6838	230	1,4344	290	1,2219	350	1,0409		
51	2,3141	111	1,9713	171	1,6793	231	1,4306	291	1,2187	351	1,0381		
52	2,3080	112	1,9661	172	1,6748	232	1,4268	292	1,2154	352	1,0354		
53	2,3018	113	1,9608	173	1,6704	233	1,4229	293	1,2122	353	1,0326		
54	2,2957	114	1,9556	174	1,6659	234	1,4191	294	1,2089	354	1,0299		
55	2,2895	115	1,9504	175	1,6615	235	1,4154	295	1,2057	355	1,0271		
56	2,2834	116	1,9452	176	1,6570	236	1,4116	296	1,2025	356	1,0244		
57	2,2773	117	1,9400	177	1,6526	237	1,4078	297	1,1993	357	1,0216		
58	2,2712	118	1,9348	178	1,6482	238	1,4041	298	1,1961	358	1,0189		
59	2,2652	119	1,9296	179	1,6438	239	1,4003	299	1,1929	359	1,0162		
60	2,2591	120	1,9245	180	1,6394	240	1,3966	300	1,1897	360	1,0135		

18. The Tariff for the use of an Exit to serve a New Customer during the Trial Operation Period for the first year of the Tariff Calculation Period, is in accordance with the following Coefficients (par. 3 of Article 16 of Tariff Regulation)

ΧΝΠi (€/KWh ΑΘΔ)	2019
i = North East Zone	0,0014984
i = North Zone	0,0012863
i = South Zone	0,0025175

19. Percentage surcharge p % (par. 4 of Article 17 of Tariff Regulation)

It is defined equal to 20%.