

h) Present value of binding commitments of network users for contracting capacity

i) Sum of the respective estimated reference prices and a potential auction premium and a potential mandatory minimum premium multiplied by the amount of contracted incremental capacity

(please only fill out the yellow fields in columns C, F and G; please delete values in grey fields in columns C, F and G)

Year	Amount of contracted incremental capacity in €/MWh/a	x	Reference prices in €/MWh/a	Auction premium in €/MWh/a	Minimum premium in €/MWh/a	=	Result in €
2016		x	2.4930			=	0.00
2017		x	2.4930			=	0.00
2018		x	2.4930			=	0.00
2019		x	2.4930			=	0.00
2020		x	2.4930			=	0.00
2021		x	2.4930			=	0.00
2022		x	2.4930			=	0.00
2023		x	2.4930			=	0.00
2024		x	2.4930			=	0.00
2025		x	2.4930			=	1.844.220.05
2026		x	2.4930			=	5.221.620.77
2027		x	2.4930			=	13.154.336.84
2028		x	2.4930			=	13.154.336.84
2029		x	2.4930			=	13.154.336.84
2030		x	2.4930			=	13.154.336.84
2031		x	2.4930			=	13.154.336.84
2032		x	2.4930			=	13.154.336.84
2033		x	2.4930			=	14.559.120.00
2034		x	2.4930			=	14.559.120.00
2035		x	2.4930			=	14.559.120.00
2036		x	2.4930			=	14.559.120.00
2037		x	2.4930			=	14.559.120.00
2038		x	2.4930			=	14.559.120.00
2039		x	2.4930			=	14.559.120.00
2040		x	2.4930			=	10.919.340.00
2041						=	0.00
2042						=	0.00
2043						=	0.00
2044						=	0.00
2045						=	0.00
2046						=	0.00
2047						=	0.00
2048						=	0.00
2049						=	0.00
2050						=	0.00
2051						=	0.00
2052						=	0.00
2053						=	0.00
2054						=	0.00
2055						=	0.00
2056						=	0.00
2057						=	0.00
2058						=	0.00
2059						=	0.00
2060						=	0.00
2061						=	0.00
2062						=	0.00
2063						=	0.00
2064						=	0.00
2065						=	0.00
2066						=	0.00
2067						=	0.00
2068						=	0.00
2069						=	0.00
2070						=	0.00

ii) Sum of a potential auction premium and a potential mandatory minimum premium multiplied by the amount of available capacity that was contracted in combination with the incremental capacity

(please only fill out the yellow fields in columns L, N and O; please delete values in grey fields in columns L, N and O)

Year	Amount of available capacity that was contracted in combination with the incremental capacity	x	Auction premium in €/MWh/a	Minimum premium in €/MWh/a	=	Result in €
2016		x			=	0.00
2017		x			=	0.00
2018		x			=	0.00
2019		x			=	0.00
2020		x			=	0.00
2021		x			=	0.00
2022		x			=	0.00
2023		x			=	0.00
2024		x			=	0.00
2025		x			=	1.844.220.05
2026		x			=	5.221.620.77
2027		x			=	13.154.336.84
2028		x			=	13.154.336.84
2029		x			=	13.154.336.84
2030		x			=	13.154.336.84
2031		x			=	13.154.336.84
2032		x			=	13.154.336.84
2033		x			=	14.559.120.00
2034		x			=	14.559.120.00
2035		x			=	14.559.120.00
2036		x			=	14.559.120.00
2037		x			=	14.559.120.00
2038		x			=	14.559.120.00
2039		x			=	14.559.120.00
2040		x			=	10.919.340.00
2041					=	0.00
2042					=	0.00
2043					=	0.00
2044					=	0.00
2045					=	0.00
2046					=	0.00
2047					=	0.00
2048					=	0.00
2049					=	0.00
2050					=	0.00
2051					=	0.00
2052					=	0.00
2053					=	0.00
2054					=	0.00
2055					=	0.00
2056					=	0.00
2057					=	0.00
2058					=	0.00
2059					=	0.00
2060					=	0.00
2061					=	0.00
2062					=	0.00
2063					=	0.00
2064					=	0.00
2065					=	0.00
2066					=	0.00
2067					=	0.00
2068					=	0.00
2069					=	0.00
2070					=	0.00

(Present value related to the year 2019)

102.217.813.58

Overall result

Overall result in €

Present values related to year of binding capacity request in €

ii) Present value of the estimated increase in the allowed revenue of the TSO associated with the incremental capacity included in the respective offer level

(Present value related to the year 2019)

47.858.129.17

Present value related to year of binding capacity request in €

Year Overall costs per year in €

2016		0.00
2017		0.00
2018		0.00
2019		0.00
2020		0.00
2021		0.00
2022		0.00
2023		0.00
2024		0.00
2025		0.00
2026		0.00
2027		0.00
2028		0.00
2029		0.00
2030		0.00
2031		0.00
2032		0.00
2033		0.00
2034		0.00
2035		0.00
2036		0.00
2037		0.00
2038		0.00
2039		0.00
2040		0.00
2041		0.00
2042		0.00
2043		0.00
2044		0.00
2045		0.00
2046		0.00
2047		0.00
2048		0.00
2049		0.00
2050		0.00
2051		0.00
2052		0.00
2053		0.00
2054		0.00
2055		0.00
2056		0.00
2057		0.00
2058		0.00
2059		0.00
2060		0.00
2061		0.00
2062		0.00
2063		0.00
2064		0.00
2065		0.00
2066		0.00
2067		0.00
2068		0.00
2069		0.00
2070		0.00

d) Factor

Factor

1.00

Result: b) x c)

Result

11.828.399.44

Economic test passed?

Passed?

Yes

Minimum factor is 1.00. Please delete values. Enter own value and reasoning.

Suggested calculation of the f factor from Article 23(1) NC CAM

i) Income from incremental capacity after the period of binding capacity requests and income from incremental capacity which is set aside
 (please only fill out the yellow and red fields in columns C and F, values in grey fields in columns L and N must be 0)

Explanation: Income after the period of binding capacity requests are yellow, income from set aside capacity red

Year	Amount of incremental capacity likely to be sold in kWh/a	x	Sum of estimated reference prices and a potential auction premium	=	Result	
	Amount of incremental capacity likely to be sold in kWh/a	x	Reference prices in €/MWh/a	Auction premium in €/MWh/a	Minimum premium in €/MWh/a	Result in €
2016	x	2.4930		=	0,00	
2017	x	2.4930		=	0,00	
2018	x	2.4930		=	0,00	
2019	x	2.4930		=	0,00	
2020	x	2.4930		=	0,00	
2021	x	2.4930		=	0,00	
2022	x	2.4930		=	0,00	
2023	x	2.4930		=	0,00	
2024	x	2.4930		=	0,00	
2025	x	2.4930		=	0,00	
2026	x	2.4930		=	0,00	
2027	x	2.4930		=	0,00	
2028	x	2.4930		=	0,00	
2029	x	2.4930		=	0,00	
2030	960.000	x	2.4930	=	909.945,00	
2031	1.460.000	x	2.4930	=	3.639.780,00	
2032	1.460.000	x	2.4930	=	3.639.780,00	
2033	1.460.000	x	2.4930	=	3.639.780,00	
2034	1.460.000	x	2.4930	=	3.639.780,00	
2035	1.460.000	x	2.4930	=	3.639.780,00	
2036	1.460.000	x	2.4930	=	3.639.780,00	
2037	1.460.000	x	2.4930	=	3.639.780,00	
2038	1.460.000	x	2.4930	=	3.639.780,00	
2039	1.460.000	x	2.4930	=	3.639.780,00	
2040	2.463.750	x	2.4930	=	6.142.128,75	
2041	5.475.000	x	2.4930	=	13.649.175,00	
2042	5.475.000	x	2.4930	=	13.649.175,00	
2043	5.475.000	x	2.4930	=	13.649.175,00	
2044	5.475.000	x	2.4930	=	13.649.175,00	
2045	5.475.000	x	2.4930	=	13.649.175,00	
2046	5.475.000	x	2.4930	=	13.649.175,00	
2047	5.475.000	x	2.4930	=	13.649.175,00	
2048	5.475.000	x	2.4930	=	13.649.175,00	
2049	5.475.000	x	2.4930	=	13.649.175,00	
2050		x	2.4930	=	0,00	

ii) Income from auction proceeds for existing capacity which was contracted in combination with the incremental capacity after the period of binding capacity requests
 (please only fill out the yellow fields in columns L and N, values in grey fields in columns L and N must be 0)

Year	Amount of existing capacity likely to be sold after the period of binding capacity requests	x	Potential auction premium	=	Result	
	Year	Amount of existing capacity likely to be sold in kWh/a	x	Auction premium in €/MWh/a	Minimum premium in €/MWh/a	Result in €
2016			x			0,00
2017			x			0,00
2018			x			0,00
2019			x			0,00
2020			x			0,00
2021			x			0,00
2022			x			0,00
2023			x			0,00
2024			x			0,00
2025			x			0,00
2026			x			0,00
2027			x			0,00
2028			x			0,00
2029			x			0,00
2030			x			0,00
2031			x			0,00
2032			x			0,00
2033			x			0,00
2034			x			0,00
2035			x			0,00
2036			x			0,00
2037			x			0,00
2038			x			0,00
2039			x			0,00
2040			x			0,00
2041			x			0,00
2042			x			0,00
2043			x			0,00
2044			x			0,00
2045			x			0,00
2046			x			0,00
2047			x			0,00
2048			x			0,00
2049			x			0,00
2050			x			0,00

Year	Overall result
2019	0,00
2020	0,00
2021	0,00
2022	0,00
2023	0,00
2024	0,00
2025	0,00
2026	0,00
2027	0,00
2028	0,00
2029	0,00
2030	909.945,00
2031	3.639.780,00
2032	3.639.780,00
2033	3.639.780,00
2034	3.639.780,00
2035	3.639.780,00
2036	3.639.780,00
2037	3.639.780,00
2038	3.639.780,00
2039	3.639.780,00
2040	6.142.128,75
2041	13.649.175,00
2042	13.649.175,00
2043	13.649.175,00
2044	13.649.175,00
2045	13.649.175,00
2046	13.649.175,00
2047	13.649.175,00
2048	13.649.175,00
2049	13.649.175,00
2050	0,00

Present value related to the year	2019
	62.998.918,66

Present values related to year of binding capacity request in €	2019
	105.217.012,58

Suggested factor

Present value from charges from binding capacity requests related to the year	Present value from later charges and set aside capacity related to the year	Total present value related to the year
2019	2019	2019
105.217.012,58	62.998.918,66	168.215.931,24

=> Vorschlag f-Faktor aus Art. 23 NC CAM (1) a), c) und d) :

Result suggestion for f-factor from (a), (c) and (d) Present value from charges from binding capacity requests/Sum of present values from binding capacity requests and present value of revenue after the period of binding capacity requests and present value of income from the capacity set aside

Adjustment factor for Article 23(1)(b) NC CAM Estimation: must be estimated and justified by network operator

Suggested Factor