

SWE Intra Day Capacity Calculation (2nd run) Report for Market Participants

16/07/2025 - 15/08/2025

Contents

1. SWE NTCs.....	2
Comments	2
2. Limiting elements	4
France ↔ Spain.....	4
Portugal ↔ Spain.....	5

1. SWE NTCs

This document reports the results of the external parallel run for the IDCC 2nd run per direction.

Comments

The ID CNE file was not available for the following dates : 03-08-2025, 07-08-2025

TS	IDCC 2nd run											
	PT-ES			ES-PT			ES-FR			FR-ES		
	12:30	15:30	19:30	12:30	15:30	19:30	12:30	15:30	19:30	12:30	15:30	19:30
16-07-2025	0.0	0.0	0.0	0.0	0.0	0.0	1850.0	100.0	2544.0	2400.0	2350.0	2400.0
17-07-2025	2430.0	2790.0	2115.0	3500.0	2450.0	4140.0	2497.0	2150.0	2497.0	2300.0	2150.0	2300.0
18-07-2025	2835.0	3285.0	2610.0	2100.0	1270.0	1700.0	2450.0	2300.0	3052.0	2350.0	2400.0	3330.0
19-07-2025	3150.0	3555.0	2970.0	2815.0	1450.0	1500.0	3561.0	3099.0	3099.0	2590.0	2636.0	3099.0
20-07-2025	2835.0	3510.0	2970.0	2265.0	1400.0	1625.0	2300.0	1950.0	3284.0	2867.0	2821.0	2867.0
21-07-2025	2970.0	3150.0	2790.0	3000.0	3000.0	3000.0	1050.0	800.0	1150.0	2450.0	2636.0	2400.0
22-07-2025	3375.0	3285.0	2745.0	3000.0	3000.0	3000.0	1050.0	900.0	1200.0	2497.0	2450.0	2544.0
23-07-2025	2340.0	2610.0	2655.0	2400.0	2000.0	2600.0	1600.0	1300.0	1200.0	2400.0	2544.0	2590.0
24-07-2025	2970.0	3015.0	2475.0	3825.0	3735.0	4005.0	150.0	1400.0	2775.0	2775.0	2775.0	2914.0
25-07-2025	2565.0	2520.0	2115.0	3960.0	3780.0	4410.0	750.0	450.0	3330.0	2960.0	2867.0	2914.0
26-07-2025	3555.0	3690.0	3015.0	3250.0	3250.0	3000.0	1100.0	1050.0	3237.0	2960.0	2821.0	2867.0
27-07-2025	3555.0	2565.0	2925.0	3470.0	3170.0	2500.0	2350.0	1050.0	3099.0	2821.0	2729.0	2775.0
28-07-2025	3465.0	2385.0	2100.0	3075.0	3555.0	3100.0	2636.0	2100.0	2914.0	3191.0	3237.0	3006.0
29-07-2025	3146.0	3465.0	2340.0	2750.0	3500.0	3500.0	450.0	50.0	3006.0	3145.0	3006.0	2636.0
30-07-2025	3285.0	3015.0	2295.0	4230.0	4275.0	4545.0	3191.0	3006.0	2914.0	2729.0	2821.0	3145.0
31-07-2025	2970.0	2790.0	1200.0	3500.0	3865.0	4500.0	3237.0	3145.0	2821.0	2914.0	2775.0	3330.0
01-08-2025	2610.0	2925.0	2100.0	3500.0	3500.0	4185.0	3099.0	3237.0	3006.0	3237.0	2960.0	2775.0
02-08-2025	3105.0	3285.0	2000.0	3300.0	3300.0	4545.0	3469.0	2960.0	3237.0	3099.0	3191.0	2960.0
03-08-2025	3690.0	3780.0	2655.0	3915.0	3690.0	3000.0	2300.0	2300.0	2250.0	3237.0	3330.0	3099.0
04-08-2025	2970.0	2970.0	2250.0	3700.0	4000.0	4905.0	3052.0	3006.0	3006.0	2914.0	2867.0	3145.0
05-08-2025	2970.0	3015.0	2475.0	4150.0	4100.0	4185.0	2544.0	3006.0	2450.0	3006.0	3237.0	700.0
06-08-2025	2430.0	2250.0	2340.0	3700.0	3400.0	4860.0	550.0	600.0	2821.0	250.0	250.0	3330.0
07-08-2025	2745.0	2835.0	2655.0	3500.0	3560.0	4275.0	2250.0	2250.0	2250.0	2590.0	2590.0	2590.0
08-08-2025	1980.0	2115.0	2520.0	2340.0	2025.0	4275.0	3145.0	3006.0	2914.0	2729.0	2497.0	2914.0
09-08-2025	2790.0	2970.0	1980.0	3870.0	3690.0	3500.0	3284.0	3284.0	3284.0	2682.0	2729.0	2960.0
10-08-2025	2880.0	2385.0	1755.0	3780.0	3500.0	3000.0	3515.0	3284.0	3330.0	2821.0	2821.0	2636.0
11-08-2025	2700.0	2745.0	800.0	4095.0	3950.0	4500.0	3284.0	3052.0	1850.0	2636.0	2729.0	2250.0
12-08-2025	2295.0	2160.0	270.0	4275.0	4095.0	4500.0	3099.0	3099.0	1800.0	2636.0	2775.0	3099.0
13-08-2025	2520.0	2610.0	770.0	3825.0	3690.0	4275.0	3191.0	3191.0	2497.0	2400.0	2497.0	2350.0
14-08-2025	2970.0	2880.0	2115.0	3350.0	3050.0	4365.0	3191.0	3191.0	2450.0	2497.0	2497.0	3191.0
15-08-2025	2970.0	3105.0	2205.0	4185.0	4050.0	4185.0	3561.0	3515.0	3422.0	2729.0	2682.0	2821.0

2. Limiting elements

Find below the 5 most limiting elements appearing more often over the period.

France ↔ Spain

Limiting elements direction FR→ES

CNE	CNE Frequency	Contingency	Location	Contingency Frequency
Interconnector #1	27.27 %	Interconnector contingency #1	FR-ES	18.18 %
		Base Case	FR-ES	8.33 %
		Interconnector contingency #2	FR-ES	0.78 %
REE element #1	21.97 %	Base Case	ES	21.97 %
Interconnector #2	13.64 %	Interconnector contingency #3	FR-ES	6.82 %
		Interconnector contingency #2	FR-ES	6.06 %
		Interconnector contingency #4	FR-ES	0.78 %
REE element #2	11.36 %	Interconnector contingency #5	ES	11.36 %
Cantegrit - Mouguerre 220 kV	9.09 %	N-1 Argia - Cantegrit 400 kV	FR	9.09 %

5 first most limiting CNEs amount to 83.33 % of the total (for this direction). The rest 16.67 % corresponds to 9 elements.

Limiting elements direction ES→FR

CNE	CNE Frequency	Contingency	Location	Contingency Frequency
REE element #1	23.44 %	Interconnector contingency #1	ES	23.44 %
Interconnector #1	14.06 %	Interconnector contingency #2	FR-ES	14.06 %
Interconnector #2	11.72 %	Interconnector contingency #2	FR-ES	10.16 %
		Base Case	FR-ES	1.56 %
Marmagne - Tabarderie 2 400 kV	9.38 %	N-1 MARMAGNE TABARDERIE 1	FR	9.38 %
REE element #2	8.59 %	Interconnector contingency #3	ES	8.59 %

5 first most limiting CNEs amount to 67.19 % of the total (for this direction). The rest 32.81 % corresponds to 9 elements.

Portugal ↔ Spain

Limiting elements in direction PT→ES

CNE	CNE Frequency	Contingency	Location	Contingency Frequency
Interconnector #1	92.71 %	Interconnector contingency #1	ES-PT	92.71 %
REE element #1	5.47 %	Interconnector contingency #1	ES	3.65 %
		Interconnector contingency #2	ES	1.82 %
Pocinho - Armamar 1	1.82 %	N-2 Alto Lindoso - Cartelle 400 kV	PT	1.82 %

Limiting elements in direction ES→PT

CNE	CNE Frequency	Contingency	Location	Contingency Frequency
Interconnector #1	92.42 %	Interconnector contingency #1	ES-PT	92.42 %
GLSK limitation	3.03 %	Base Case		3.03 %
Alto lindoso - Riba de ave 2	1.82 %	N-1 ALTO LINDOSO - PEDRALVA 400 kV	PT	1.82 %
Pocinho - Armamar 1	1.82 %	N-2 Alto Lindoso - Cartelle 400 kV	PT	1.82 %
Interconnector #2	0.91 %	Interconnector contingency #2	ES-PT	0.91 %