

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

16/08/2025 - 15/09/2025

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1. SWE NTCs

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

Comments

No comments.

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
16-08-2025	2520.0	2745.0	2340.0	3915.0	3690.0	4635.0	3191.0	3284.0	3376.0	2300.0	2590.0	2775.0
17-08-2025	2655.0	3105.0	2250.0	4140.0	3960.0	4320.0	3469.0	3237.0	3145.0	2497.0	2590.0	2867.0
18-08-2025	2565.0	3105.0	1500.0	2500.0	2000.0	3825.0	3284.0	2960.0	2729.0	2682.0	2914.0	1950.0
19-08-2025	3015.0	3285.0	2430.0	3000.0	3000.0	2500.0	3376.0	3237.0	2867.0	2400.0	2250.0	2000.0
20-08-2025	2610.0	3060.0	2250.0	2400.0	1765.0	2400.0	2682.0	2636.0	2729.0	2200.0	2200.0	1750.0
21-08-2025	2205.0	1710.0	2115.0	4320.0	4995.0	4320.0	2914.0	2960.0	2544.0	1950.0	2150.0	400.0
22-08-2025	2205.0	2475.0	2430.0	3320.0	3530.0	4365.0	400.0	1500.0	3191.0	2350.0	2200.0	3006.0
23-08-2025	2250.0	2565.0	1980.0	3800.0	3430.0	4275.0	3422.0	800.0	3330.0	2590.0	2590.0	2914.0
24-08-2025	2790.0	2295.0	2520.0	3915.0	3795.0	4185.0	3515.0	3515.0	3515.0	2821.0	2775.0	2636.0
25-08-2025	3150.0	3195.0	1600.0	3400.0	3595.0	4095.0	3145.0	3145.0	2867.0	2636.0	2250.0	2729.0
26-08-2025	3150.0	3375.0	2790.0	4320.0	4500.0	4005.0	3191.0	3052.0	2682.0	2636.0	2544.0	2960.0
27-08-2025	2925.0	3735.0	2745.0	3780.0	3960.0	3870.0	3376.0	3052.0	2497.0	2775.0	2682.0	3330.0
28-08-2025	3195.0	3510.0	1500.0	4050.0	3250.0	2500.0	3052.0	1550.0	3191.0	2150.0	1950.0	2636.0
29-08-2025	2475.0	2385.0	2385.0	3350.0	3550.0	3000.0	3469.0	1350.0	3237.0	3006.0	2729.0	3099.0
30-08-2025	2520.0	2115.0	2610.0	4410.0	4500.0	4095.0	3515.0	3376.0	3099.0	3191.0	2914.0	3284.0
31-08-2025	2160.0	3015.0	3330.0	3445.0	1925.0	1650.0	3654.0	3607.0	3237.0	2960.0	2960.0	2960.0
01-09-2025	2790.0	2295.0	2430.0	3915.0	3575.0	4050.0	3376.0	3052.0	3237.0	2497.0	2590.0	2821.0
02-09-2025	1980.0	2295.0	2430.0	4050.0	3870.0	4185.0	2050.0	2150.0	2729.0	2682.0	2636.0	2729.0
03-09-2025	2520.0	1440.0	2565.0	4095.0	4860.0	4140.0	700.0	700.0	3052.0	2450.0	2450.0	2821.0
04-09-2025	2475.0	2565.0	2430.0	3915.0	3915.0	4005.0	1750.0	1100.0	3237.0	2200.0	2100.0	3006.0
05-09-2025	2025.0	2025.0	2070.0	4095.0	4095.0	4590.0	3237.0	3284.0	3376.0	2497.0	2400.0	3099.0
06-09-2025	2700.0	2475.0	2430.0	3630.0	3040.0	2980.0	3654.0	3654.0	3284.0	3006.0	2821.0	50.0
07-09-2025	2070.0	2520.0	2835.0	4230.0	3960.0	3870.0	3237.0	3145.0	3191.0	3330.0	3376.0	3145.0
08-09-2025	2925.0	3105.0	3015.0	2600.0	2600.0	3645.0	2450.0	2450.0	2400.0	2400.0	2400.0	2450.0
09-09-2025	2835.0	3195.0	2520.0	2700.0	2120.0	3690.0	2450.0	2450.0	2350.0	2250.0	2350.0	2450.0
10-09-2025	2160.0	2205.0	2520.0	4050.0	3960.0	3870.0	2450.0	2400.0	2350.0	2450.0	2400.0	2400.0
11-09-2025	2430.0	2745.0	2610.0	3690.0	3330.0	2700.0	2450.0	2497.0	2400.0	2400.0	2450.0	2400.0
12-09-2025	2475.0	2655.0	2565.0	3825.0	3555.0	4050.0	2450.0	2350.0	2350.0	2450.0	2350.0	2450.0
13-09-2025	2340.0	2295.0	3240.0	4995.0	4500.0	3690.0	2497.0	2497.0	2544.0	2450.0	2400.0	2450.0
14-09-2025	2745.0	2970.0	2340.0	3425.0	3295.0	3960.0	2497.0	2497.0	2544.0	2400.0	2300.0	2450.0
15-09-2025	2655.0	2430.0	300.0	3665.0	3350.0	4140.0	2400.0	2300.0	2300.0	2450.0	2450.0	2450.0

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
Marsillon - Pragnères 220 kV	26.73 %	Base Case	FR	25.74 %
		N-1 CN Trillo 1	FR	0.99 %
Interconnector #1	19.8 %	Interconnector contingency #1	FR-ES	18.81 %
		Interconnector contingency #2	FR-ES	0.99 %
Interconnector #2	14.85 %	Interconnector contingency #2	FR-ES	13.86 %
		Interconnector contingency #3	FR-ES	0.99 %
Cantegrit - Mouguerre 220 kV	13.86 %	N-1 Argia - Cantegrit 400 kV	FR	13.86 %
Interconnector #3	6.93 %	Interconnector contingency #2	FR-ES	2.97 %
		Interconnector contingency #4	FR-ES	1.98 %
		Interconnector contingency #3	FR-ES	1.98 %

5 first most limiting CNEs amount to 82.17 % of the total (for this direction). The rest 17.83 % corresponds to 6 elements.

Limiting elements direction ES→FR

CNE	CNE Frequency	Contingency	Location	Contingency Frequency
Marsillon - Pragnères 220 kV	20.79 %	Base Case	FR	20.79 %
REE element #1	18.81 %	Interconnector contingency #1	ES	18.81 %
Interconnector #1	16.83 %	Interconnector contingency #1	FR-ES	6.93 %
		Interconnector contingency #2	FR-ES	3.96 %
		Interconnector contingency #3	FR-ES	2.97 %
		Interconnector contingency #4	FR-ES	1.98 %
Interconnector #2	13.86 %	Base Case	FR-ES	0.99 %
		Interconnector contingency #3	FR-ES	8.91 %
		Interconnector contingency #2	FR-ES	2.97 %
Interconnector #3	12.87 %	Base Case	FR-ES	0.99 %
		Interconnector contingency #5	FR-ES	0.99 %
		Interconnector contingency #4	FR-ES	8.91 %
		Interconnector contingency #3	FR-ES	1.98 %
		Base Case	FR-ES	0.99 %
		Interconnector contingency #6	FR-ES	0.99 %

5 first most limiting CNEs amount to 83.16 % of the total (for this direction). The rest 16.84 % corresponds to 6 elements.

Portugal ↔ Spain

Limiting elements in direction PT→ES

CNE	CNE Frequency	Contingency	Location	Contingency Frequency
Interconnector #1	89.28 %	Interconnector contingency #1	ES-PT	89.28 %
Angle constraint	5.22 %	N-2 Alto Lindoso - Cartelle 400 kV	PT	5.22 %
REE element #1	2.9 %	Interconnector contingency #1	ES	2.9 %
Interconnector #2	1.74 %	Interconnector contingency #2	ES-PT	1.74 %
REE element #2	0.87 %	Interconnector contingency #3	ES	0.87 %

Limiting elements in direction ES→PT

CNE	CNE Frequency	Contingency	Location	Contingency Frequency
Interconnector #1	86.67 %	Interconnector contingency #1	ES-PT	86.38 %
		Interconnector contingency #2	ES-PT	0.29 %
Pego - Falagueira	6.96 %	N-2 Alto Lindoso - Cartelle 400 kV	PT	6.96 %
GLSK limitation	3.19 %	Base Case		3.19 %
Interconnector #2	1.74 %	Interconnector contingency #3	ES-PT	0.87 %
		Interconnector contingency #4	ES-PT	0.87 %
Alto lindoso - Riba de ave 2	1.45 %	N-1 ALTO LINDOSO - PEDRALVA 400 kV	PT	1.45 %