SWE Intra Day Capacity Calculation (2nd run)
Report for Market Participants
16/09/2025 - 15/10/2025

Contents

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 : 23-09-2025

	IDCC 2nd run											
	PT-ES			*ES-PT*			*ES-FR*			*FR-ES*		
TS	12:30	15:30	19:30	12:30	15:30	19:30	12:30	15:30	19:30	12:30	15:30	19:30
16-09-2025	2655.0	2700.0	2295.0	4050.0	4050.0	4590.0	2400.0	2300.0	2300.0	2450.0	2450.0	2450.0
17-09-2025	2115.0	2160.0	0.0	3600.0	3750.0	4590.0	2350.0	2300.0	2250.0	1900.0	1950.0	2450.0
18-09-2025	1890.0	1935.0	0.0	3735.0	4230.0	4590.0	2350.0	2200.0	2250.0	2450.0	2450.0	2450.0
19-09-2025	2115.0	2520.0	2790.0	4230.0	4005.0	4185.0	2350.0	2200.0	2250.0	2450.0	2450.0	2450.0
20-09-2025	2250.0	2520.0	2790.0	4140.0	3850.0	3645.0	2450.0	2400.0	2497.0	2450.0	2400.0	2450.0
21-09-2025	2520.0	3105.0	3375.0	4005.0	3870.0	4005.0	2497.0	2450.0	2544.0	2400.0	2400.0	1750.0
22-09-2025	2115.0	1935.0	2340.0	4590.0	4770.0	3870.0	2450.0	2450.0	2350.0	2450.0	2400.0	2250.0
23-09-2025	2963.0	2947.0	2851.0	4020.0	3915.0	2000.0	2350.0	2450.0	2350.0	2300.0	2300.0	850.0
24-09-2025	2385.0	2115.0	2205.0	4230.0	3690.0	4410.0	2450.0	2450.0	2250.0	2400.0	2400.0	2250.0
25-09-2025	1395.0	1755.0	0.0	3800.0	3600.0	4320.0	200.0	2450.0	2350.0	2350.0	2350.0	2450.0
26-09-2025	1485.0	1935.0	2205.0	4095.0	4050.0	4410.0	2450.0	2450.0	2450.0	2450.0	2350.0	2450.0
27-09-2025	2430.0	2655.0	1500.0	3000.0	3000.0	3735.0	2450.0	2450.0	2497.0	2300.0	2250.0	2300.0
28-09-2025	3195.0	3195.0	2790.0	2460.0	2640.0	3555.0	500.0	2350.0	2497.0	2300.0	2300.0	2200.0
29-09-2025	2880.0	2565.0	2745.0	3960.0	3870.0	3240.0	1500.0	2350.0	2300.0	1750.0	2000.0	2450.0
30-09-2025	2565.0	2385.0	630.0	3850.0	4050.0	4500.0	2050.0	1250.0	2350.0	2250.0	2450.0	2450.0
01-10-2025	1935.0	2025.0	2565.0	4185.0	4450.0	4725.0	750.0	1150.0	2350.0	2150.0	2300.0	2450.0
02-10-2025	2025.0	2205.0	500.0	4365.0	4545.0	4680.0	800.0	1550.0	2400.0	2200.0	2250.0	2400.0
03-10-2025	2610.0	2565.0	2385.0	3650.0	3550.0	3200.0	2497.0	2450.0	2450.0	2350.0	2400.0	2400.0
04-10-2025	2835.0	3105.0	2790.0	4275.0	4140.0	3690.0	2450.0	2450.0	2450.0	2450.0	2400.0	2450.0
05-10-2025	1755.0	1980.0	2880.0	3690.0	3920.0	3690.0	2497.0	2450.0	2450.0	2450.0	2450.0	650.0
06-10-2025	2250.0	2385.0	350.0	3600.0	3600.0	4635.0	2000.0	2050.0	2450.0	2450.0	2450.0	2400.0
07-10-2025	1350.0	1665.0	2790.0	4275.0	4185.0	4590.0	2450.0	2450.0	2450.0	2400.0	2450.0	2400.0
08-10-2025	1890.0	1395.0	1260.0	3000.0	3400.0	3200.0	2450.0	2050.0	2100.0	2450.0	2450.0	2300.0
09-10-2025	2520.0	2475.0	2200.0	3420.0	3285.0	3000.0	2497.0	2450.0	2000.0	2450.0	2450.0	1900.0
10-10-2025	2475.0	2295.0	300.0	2805.0	3375.0	3600.0	900.0	450.0	2450.0	2450.0	2450.0	2450.0
11-10-2025	2970.0	2835.0	2340.0	3645.0	3690.0	4005.0	2450.0	2450.0	2450.0	2000.0	1850.0	2450.0
12-10-2025	2880.0	2745.0	2475.0	3825.0	3870.0	4140.0	2450.0	2450.0	2450.0	2000.0	2100.0	2450.0
13-10-2025	2070.0	2025.0	0.0	3500.0	3285.0	4185.0	550.0	600.0	2497.0	2250.0	2150.0	2400.0
14-10-2025	2250.0	2340.0	2610.0	3510.0	3555.0	3780.0	2450.0	2450.0	2450.0	2400.0	2150.0	2450.0
15-10-2025	2205.0	2340.0	0.0	2610.0	2565.0	4140.0	2450.0	2450.0	2450.0	2400.0	2150.0	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	34.93 %	Base Case	FR	33.56 %
		N-1 CN Almaraz 2	FR	0.68 %
		N-1 CN Trillo 1	FR	0.68 %
Interconnector #1	31.51 %	Interconnector contingency #1	FR-ES	21.23 %
		Interconnector contingency #2	FR-ES	7.53 %
		Interconnector contingency #3	FR-ES	2.74 %
Interconnector #2	15.75 %	Interconnector contingency #1	FR-ES	15.75 %
REE element #1	8.9 %	Interconnector contingency #4	ES	8.9 %
REE element #2	6.16 %	Interconnector contingency #5	ES	6.16 %

5 first most limiting CNEs amount to 97.25 % of the total (for this direction). The rest 2.75 % corresponds to 2 elements.

Limiting elements direction ES→FR

CNE	CNE Frequency	Contingency	Location	Contingency Frequency
Interconnector #1	42.55 %	Interconnector contingency #1	FR-ES	41.84 %
		Interconnector contingency #2	FR-ES	0.71 %
Interconnector #2	17.73 %	Interconnector contingency #1	FR-ES	12.77 %
		Interconnector contingency #2	FR-ES	4.96 %
Load flow divergence	13.48 %	N-1 AYRES RUEYRES		13.48 %
Marsillon - Pragnères 220 kV	12.06 %	Base Case	FR	12.06 %
REE element #1	9.93 %	Interconnector contingency #2	ES	9.93 %

5 first most limiting CNEs amount to 95.75 % of the total (for this direction). The rest 4.25 % corresponds to 4 elements.

Portugal ←→ Spain

Limiting elements in direction PT→ES

CNE	CNE Frequency	Contingency	Location	Contingency Frequency
Interconnector #1	83.07 %	Interconnector contingency #1	ES-PT	83.07 %
REE element #1	5.75 %	Interconnector contingency #1	ES	5.75 %
Angle constraint	4.15 %	N-2 Alto Lindoso - Cartelle 400 kV	PT	4.15 %
REE element #2	3.83 %	Interconnector contingency #2	ES	2.87 %
		Interconnector contingency #3	ES	0.96 %
Interconnector #2	1.28 %	Interconnector contingency #4	ES-PT	1.28 %

5 first most limiting CNEs amount to 98.08 % of the total (for this direction). The rest 1.92 % corresponds to 2 elements.

Limiting elements in direction ES→PT

CNE	CNE Frequency	Contingency	Location	Contingency Frequency
Interconnector #1	84.35 %	Interconnector contingency #1	ES-PT	84.35 %
Interconnector #2	6.71 %	Interconnector contingency #2	ES-PT	3.83 %
		Interconnector contingency #3	ES-PT	1.92 %
		Interconnector contingency #4	ES-PT	0.96 %
Alto lindoso - Pedralva	5.43 %	N-1 Lagoaça - Aldeadávila 1 400 kV	PT	3.51 %
		N-1 ARMAMAR - LAGOACA 400 kV	PT	1.92 %
Interconnector #3	1.92 %	Interconnector contingency #5	ES-PT	1.92 %
Alto lindoso - Riba de ave 2	1.6 %	N-1 ALTO LINDOSO - PEDRALVA 400 kV	PT	1.6 %