

Quarterly report for Article 16.3 of EU Regulation 2019/943

D2 and ID Coordinated Capacity Calculation on the
Italy North region

Q2 2023

1st of April – 30th of June

Version 1.0

RCC

Information Classification: ☐ Public ☐ Restricted ☒ Confidential

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LIST OF ACRONYMS

ANTC: Additional Net Transfer Capacity

ANTCfinal: Additional Net Transfer Capacity required to be 70%minMargin compliant

ANTCfeasible: Feasible Additional Net Transfer Capacity to be adjusted

BD: Business Day

CACM: Capacity Allocation and Congestion Management

CC: Capacity Calculation

CCR: Capacity Calculation Region

CNE: Critical Network Element

CNEC: Critical Network Element Contingency

CRA: Curative Remedial Actions

D2: D-2 process

ID: Intraday process

IN: Italy North

MinMargin: minimum margin

NTC: Net Transfer Capacity

RA: Remedial Actions

RCC: Regional Coordination Centre

TS: Timestamp

TTC: Total Transfer Capacity

TTCAdj: Total Transfer Capacity after the adjustment process

1. Introduction

The capacity calculation (CC) process for Italy North (IN) Capacity Calculation Region (CCR) is performed by Coreso and TSCNET appointed by the Central Europe System Operation Region (Central SOR) as Regional Coordination Centre on the 1st of July 2022. The CC task is provided to IN region as described in the latest version of the D2 and ID methodologies approved by IN NRAs.

"Methodology for an intraday common capacity calculation in accordance with Article 21 of Commission Regulation (EU) 2015/1222 of 24 July 2015 establishing a guideline on capacity allocation and congestion management within Italy North CCR"

And

"Methodology for a common D2 capacity calculation in accordance with Article 21 of Commission Regulation (EU) 2015/1222 of 24 July 2015 establishing a guideline on capacity allocation and congestion management within Italy North CCR".

This report is provided in fulfilment of the RCC reporting obligations as covered within Article 16.3 of Commission Regulation (EU) 2019/943 for Q2 2023. The content of this report also covers the reporting requirements according to Article 26.5 of Commission Regulation (EU) 2015/1222 towards the IN NRAs.

According to Article 16.3 of the Commission Regulation (EU) 2019/943 :

"Regional coordination centres shall carry out coordinated capacity calculation in accordance with paragraphs 4 and 8 of this Article, as provided for in point (a) of Article 37(1) and in Article 42(1).

Regional coordination centres shall calculate cross-zonal capacities respecting operational security limits using data from transmission system operators including data on the technical availability of remedial actions, not including load shedding. Where regional coordination centres conclude that those available remedial actions in the capacity calculation region or between capacity calculation regions are not sufficient to reach the linear trajectory pursuant to Article 15(2) or the minimum capacities provided for in paragraph 8 of this Article while respecting operational security limits, they may, as a measure of last resort, set out coordinated actions reducing the cross-zonal capacities accordingly. Transmission system operators may deviate from coordinated actions in respect of coordinated capacity calculation and coordinated security analysis only in accordance with Article 42(2).

By 3 months after the entry into operation of the regional coordination centres pursuant to Article 35(2) of this Regulation and every three months thereafter, the regional coordination centres shall submit a report to the relevant regulatory authorities and to ACER on any reduction of capacity or deviation from coordinated actions pursuant to the second subparagraph and shall assess the incidences and make recommendations, if necessary, on how to avoid such deviations in the future."

Based on our interpretation of the regulation, this report is required to contain three key components:

1. Reporting cases of reduction of capacity or deviation from coordinated actions per timestamps (TS) for the region
2. Assessing the incidences related to (1) – data analysis of how many TS were affected on a quarterly basis
3. Making recommendations, if necessary, on how to avoid such deviations in the future

Moreover, this report presents the results of TSs in which the 70% adjustment could not be performed due to a lack of costly RA capacity provided by the TSOs in accordance with Art 13.2. of the Capacity Calculation Methodology for Italy North CCR. The Q2 report includes the results from the 1st of April till the 30th of June 2023. The number of days considered in this report is 91 days for both D2 and ID capacity calculation process.

2. Description of the reported reductions of capacity

The report presents the following information:

2.1. Reduction of capacity after 70% adjustment

The Italy North (IN) region performs a coordinated Total Transmitted Capacity (TTC) Adjustment process. The adjustment is done by calculating the margin required on the limiting Critical Network Elements (CNEs) to fulfil the 70% minMargin requirement and adjusting the capacity accordingly by the use of costly remedial actions made available by the TSOs. In case the capacity available for adjustment is lower than the required amount to be adjusted, it is considered that the capacity has been reduced since it cannot fulfil the 70% margin required.

It has to be taken into account that the adjustment cannot always be performed since for some TS there is no grid information due to any possible issue on the TTC Calculation process (previous step to TTC Adjustment).

2.2. Reduction of capacity after TSOs validation process

The TSOs of IN region can apply a local validation of the adjusted TTC results, to avoid violation of the security limits. The validated TTC results are then used to compute the final bilateral NTC values. The reduction can be a global or a bilateral incidence. A global validation by a TSO results in a reduction of the total TTC calculated for the northern Italian borders. A bilateral validation results in a reduction that concerns only the border of the country that is reducing the capacity. The TSO(s) that apply the reduction provide a reason that justifies it. Moreover, this reduction of capacity can also imply that the 70% minMargin required in any given TS is not reached.

3. Description of the report

This report has been created for the D2 and ID process. For the D2 process, 24 TSs are covered, while for the ID process, 12 TSs are currently covered. The relevant TSs for analysis in both D2 and ID process are:

- The cases when TSOs reduce the TTC calculated by RCCs during the local validation step – this reduction could be a global or bilateral incidence.
- The TSs where 70% reduction occurred during the adjustment and or local validation step of the process.
- Cases when the TTC calculation process failed are not considered – such cases correspond to instances when the “*LimitedBy*” variable within the *TTC_Adjustment* is defined as: “*ScheduledTTC*”.
- We also do not consider cases where a Redflag raised by the TSOs during the local validation step results in capacity increase.

More details on the information presented on this report can be seen on the excel file attached on the package:

2023Q2 Summary Art16.3 D-2 ID Report Data.xlsx.

This file contains the same information provided on the document in excel format.

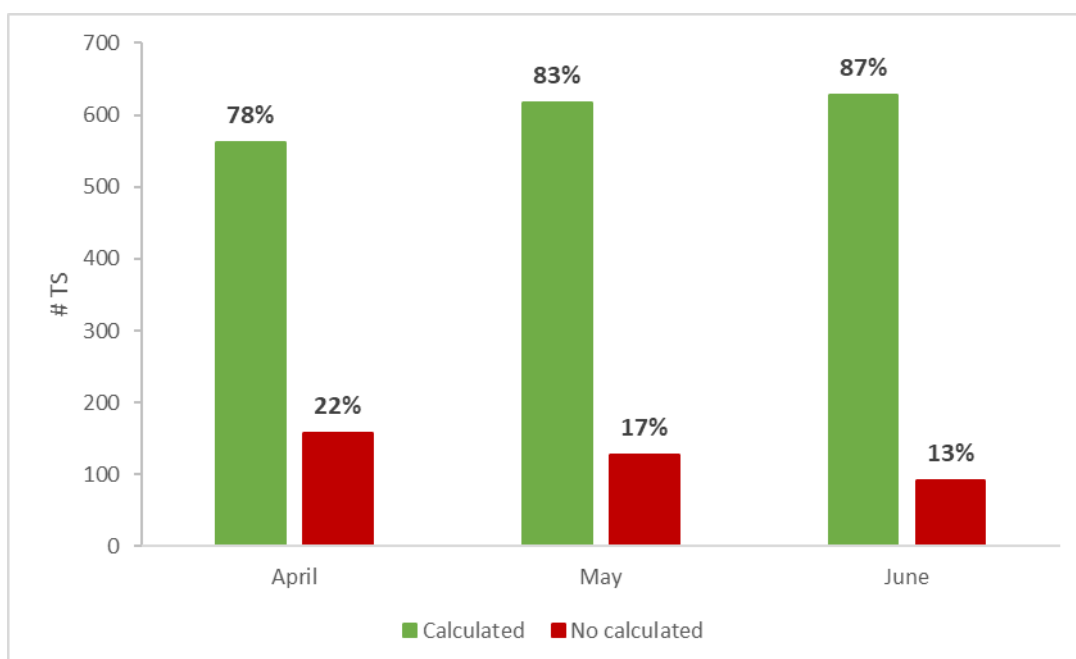
4. D2 information

4.1. Reduction of capacity after 70% adjustment

In this section, we report on the TSs within the D2 process where reduction of capacity after the 70% minMargin adjustment occurred.

The following figure presents, per month, a summary of the TSs that successfully performed in Q2 the TTC calculation process. Please note that the adjustment process could be performed only on these calculated TSs.

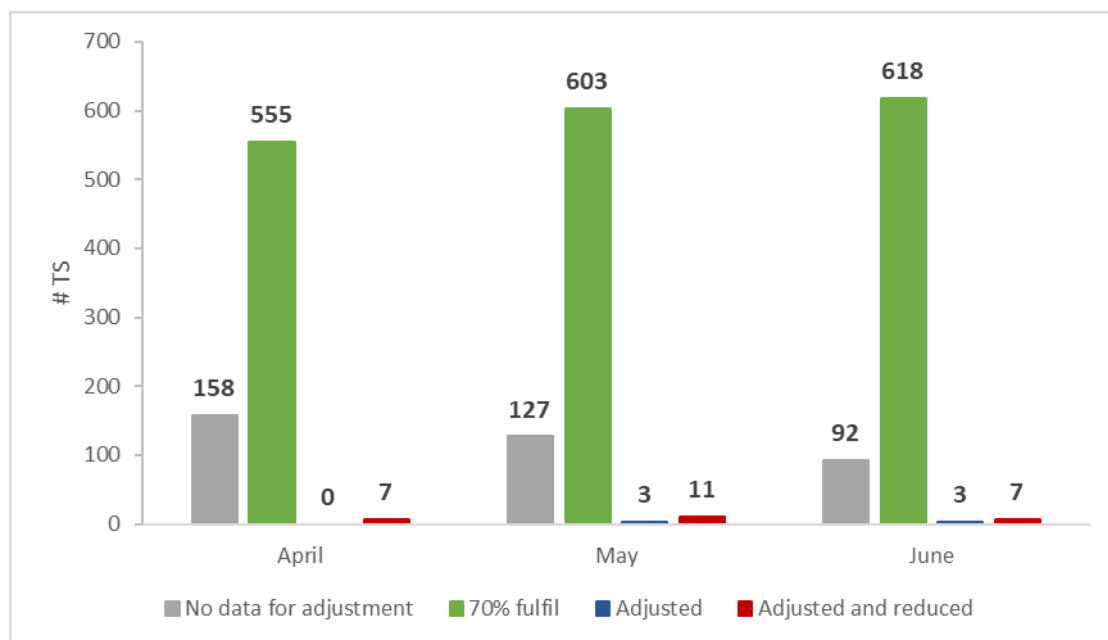
Figure 1: D2 TTC Calculation results



The figure below shows per month the different TSs classified as:

- No data for adjustment: timestamps in which no adjustment was performed either because there was no input data to perform the TTC calculation process or due to failure of TTC calculation process
- 70% fulfill: timestamps in which the adjustment could be performed but there was no need to perform it because the calculated capacity is already compliant with the 70% minMargin
- Adjusted: timestamps in which some adjustment was required and there was enough capacity to perform the adjustment.
- Adjusted and reduced: timestamps in which some adjustment was required and there was not enough capacity to perform the adjustment to the 70% minMargin

Figure 2: D2 summary of TS during the adjustment process



As it can be seen in the figure above, in this quarter, in April, May and June there were some reductions. More details are presented in the next table.

Table 1: D2 Reduction after 70% minMargin adjustment

BD	TS	Month	TTC	ANTC		LimitedBy	70% reduction	% reduction	Category
			Adj	ANTCfinal	ANTCfeasible	LimitedBy			
20230415	2330	April	6894	403	304	Minimum Margin	99	25%	below 500 MW
20230416	0030	April	8265	1639	0	Critical Branch	1639	100%	above 1000 MW
20230416	0130	April	8265	1639	0	Critical Branch	1639	100%	above 1000 MW
20230416	0230	April	8265	1639	0	Critical Branch	1639	100%	above 1000 MW
20230425	1530	April	7188	5054	352	Minimum Margin	4702	93%	above 1000 MW
20230425	1630	April	7188	5054	352	Minimum Margin	4702	93%	above 1000 MW
20230425	1730	April	7188	5054	352	Minimum Margin	4702	93%	above 1000 MW
20230502	1530	May	5389	2141	440	Minimum Margin	1701	79%	above 1000 MW
20230502	1630	May	5389	2141	440	Minimum Margin	1701	79%	above 1000 MW
20230502	1730	May	5389	2141	440	Minimum Margin	1701	79%	above 1000 MW
20230509	1530	May	6295	407	339	Minimum Margin	68	17%	below 500 MW
20230509	1630	May	6295	407	339	Minimum Margin	68	17%	below 500 MW
20230509	1730	May	6295	407	339	Minimum Margin	68	17%	below 500 MW
20230521	0630	May	6078	354	87	Minimum Margin	267	75%	below 500 MW

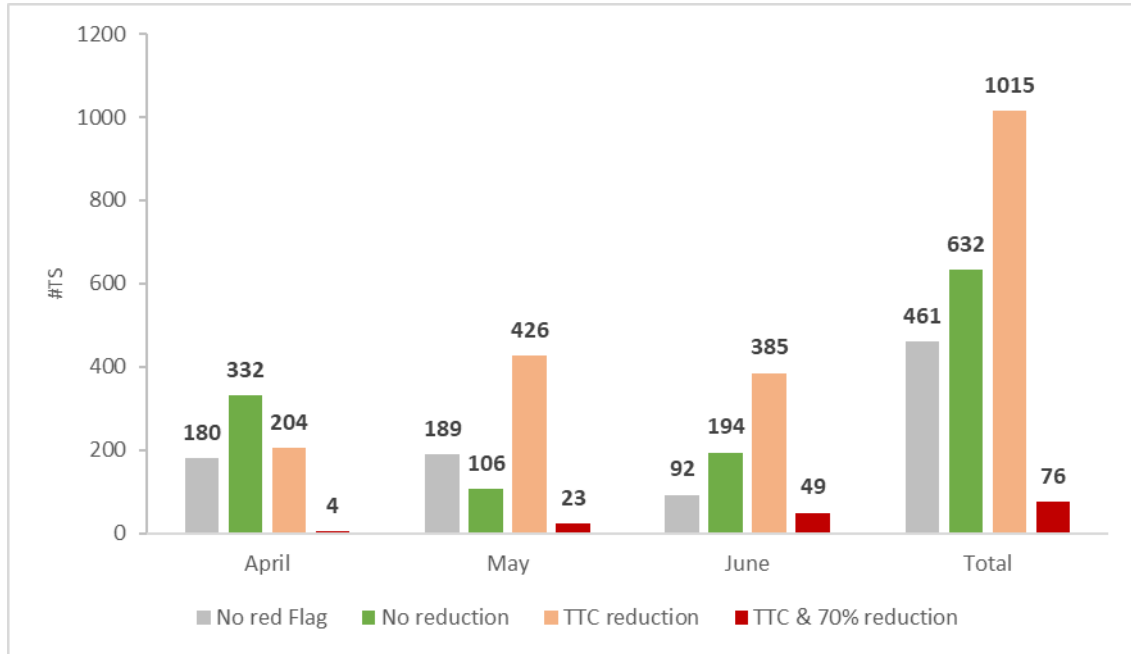
BD	TS	Month	TTC	ANTC		LimitedBy	70% reduction	% reduction	Category
			Adj	ANTCfinal	ANTCfeasible	LimitedBy			
20230523	0930	May	5852	2797	631	Minimum Margin	2166	77%	above 1000 MW
20230523	1030	May	5852	2797	631	Minimum Margin	2166	77%	above 1000 MW
20230523	1130	May	5852	2797	631	Minimum Margin	2166	77%	above 1000 MW
20230524	0630	May	4544	645	527	Minimum Margin	118	18%	[500-1000] MW
20230614	0730	June	6356	949	498	Minimum Margin	451	48%	[500-1000] MW
20230614	0830	June	6356	949	498	Minimum Margin	451	48%	[500-1000] MW
20230616	2130	June	7769	550	542	Minimum Margin	8	1%	[500-1000] MW
20230616	2230	June	7769	550	542	Minimum Margin	8	1%	[500-1000] MW
20230616	2330	June	7367	930	540	Minimum Margin	390	42%	[500-1000] MW
20230624	0730	June	6847	389	271	Minimum Margin	118	30%	below 500 MW
20230624	0830	June	6847	389	271	Minimum Margin	118	30%	below 500 MW

4.2. Reduction of capacity after TSOs validation

In this section, the TSs within the D2 process where reduction of capacity after the TSO validation occurred are reported. The figure below presents different validated TSs classified as:

- No red flag raised: TSs in which no capacity reduction was requested by the TSO during the validation step and no red flag raised
- Red flag raised and no reduction: TSs in which some validation flags were raised but no capacity reduction occurred
- Red flag raised and reduction: TSs in which the local validation step by the TSO resulted in a capacity reduction and a red flag on the NTC1 file.
- Red flag raised and reduction and 70% minMargin not reached: TSs in which the local validation step by the TSO resulted in a 70% capacity reduction.

Figure 3: D2 summary of TS during the validation process



4.2.1. Reduction on TTC

In this section the TSs with TTC reduction as presented in section 2.2 are presented for each month. In the tables presented, the validation performed by the TSOs is divided between:

- Global validation: when the TSOs send a red flag that is limiting the total exchange of the region
- Bilateral validation: when the TSOs send a red flag that is only limiting their border with Italy

Table 2: D2 TS with global TTC reduction during the validation process for April

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230401	0730	7857	7329	-3299	-3299	-2771	Critical Branch	Validation phase	528	0	CH	7059	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230401	0830	7857	7329	-3299	-3299	-2771	Critical Branch	Validation phase	528	0	CH	7054	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230401	1230	7822	7279	-2154	-2154	-1611	Critical Branch	Validation phase	543	0	CH	7004	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230401	1330	7822	7279	-2154	-2154	-1611	Critical Branch	Validation phase	543	0	CH	7004	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230401	1430	7822	7279	-2154	-2154	-1611	Critical Branch	Validation phase	543	0	CH	7004	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230401	1830	7825	7388	-2812	-2812	-2375	Critical Branch	Validation phase	437	0	CH	7113	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230401	1930	7825	7388	- 2812	-2812	-2375	Critical Branch	Validation phase	437	0	CH	7113	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230401	2030	7825	7388	- 2812	-2812	-2375	Critical Branch	Validation phase	437	0	CH	7113	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230402	0330	7726	7589	- 1250	-1250	-1113	Critical Branch	Validation phase	137	0	CH	7319	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N- 1 PRADELLA-ROBBIA
20230402	0430	7726	7589	- 1250	-1250	-1113	Critical Branch	Validation phase	137	0	CH	7319	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N- 1 PRADELLA-ROBBIA
20230402	0530	7726	7589	- 1250	-1250	-1113	Critical Branch	Validation phase	137	0	CH	7319	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N- 1 PRADELLA-ROBBIA
20230402	0630	7726	7589	- 1250	-1250	-1113	Critical Branch	Validation phase	137	0	CH	7319	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N- 1 PRADELLA-ROBBIA
20230402	0730	7828	7774	-932	-932	-878	Critical Branch	Validation phase	54	0	CH	7504	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230402	0830	7828	7590	-932	-932	-694	Critical Branch	Smoothing ramp	238	0	Smoothing		
20230402	1230	7729	7590	- 6522	-6522	-6383	Critical Branch	Smoothing ramp	139	0	Smoothing		
20230402	1430	7729	7579	- 6522	-6522	-6372	Critical Branch	Smoothing ramp	150	0	Smoothing		
20230402	1530	6090	6079	- 2141	-2141	-2130	TTC Selection - LTTC	Validation phase	11	0	CH	5804	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230402	1630	6090	6079	-2141	-2141	-2130	TTC Selection - LTTC	Validation phase	11	0	CH	5804	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230402	1730	6090	6079	-2141	-2141	-2130	TTC Selection - LTTC	Validation phase	11	0	CH	5804	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230402	1830	7321	7261	-3632	-3632	-3572	Critical Branch	Validation phase	60	0	CH	6986	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230402	1930	7321	7261	-3632	-3632	-3572	Critical Branch	Validation phase	60	0	CH	6986	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230402	2030	7321	7261	-3632	-3632	-3572	Critical Branch	Validation phase	60	0	CH	6986	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230402	2130	7915	7830	-2041	-2041	-1956	Critical Branch	Validation phase	85	0	CH	7555	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230402	2230	7915	7830	-2041	-2041	-1956	Critical Branch	Validation phase	85	0	CH	7555	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230402	2330	7915	7830	-2041	-2041	-1956	Critical Branch	Validation phase	85	0	CH	7555	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230403	2030	7950	6700	-4268	-4268	-3018	TTC Selection - LTTC	Validation phase	1250	0	CH	6425	N-1 Violation 380 Filisur-Sils
20230405	0030	7340	6190				Scheduled TTC	Validation phase	1150	0	IT	5920	MNII valid of 04/03/2023
20230405	0130	7340	6190				Scheduled TTC	Validation phase	1150	0	IT	5920	MNII valid of 04/03/2023

		TTC		ANTC		LimitedBy		Validation					
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230405	0230	7340	6190				Scheduled TTC	Validation phase	1150	0	IT	5920	MNII valid of 04/03/2023
20230405	0330	7340	6190				Scheduled TTC	Validation phase	1150	0	IT	5920	MNII valid of 04/03/2023
20230405	0430	7340	6190				Scheduled TTC	Validation phase	1150	0	IT	5920	MNII valid of 04/03/2023
20230405	0530	7340	6190				Scheduled TTC	Validation phase	1150	0	IT	5920	MNII valid of 04/03/2023
20230405	0630	7340	6190				Scheduled TTC	Validation phase	1150	0	IT	5920	MNII valid of 04/03/2023
20230405	0730	7950	6700				Scheduled TTC	Validation phase	1250	0	IT	6430	MNII valid of 04/03/2023
20230405	0830	7950	5400				Scheduled TTC	Validation phase	2550	0	IT	5125	MNII valid of 04/03/2023 minus capacity of Venaus - Piossasco (1300 MW)
20230405	0930	7950	5400				Scheduled TTC	Validation phase	2550	0	IT	5125	MNII valid of 04/03/2023 minus capacity of Venaus - Piossasco (1300 MW)
20230405	1030	7950	5400				Scheduled TTC	Validation phase	2550	0	IT	5125	MNII valid of 04/03/2023 minus capacity of Venaus - Piossasco (1300 MW)
20230405	1130	7950	5400				Scheduled TTC	Validation phase	2550	0	IT	5125	MNII valid of 04/03/2023 minus capacity of Venaus - Piossasco (1300 MW)
20230405	1230	7950	5400				Scheduled TTC	Validation phase	2550	0	IT	5125	MNII valid of 04/03/2023 minus capacity of Venaus - Piossasco (1300 MW)
20230405	1330	7950	5400				Scheduled TTC	Validation phase	2550	0	IT	5125	MNII valid of 04/03/2023 minus capacity of Venaus - Piossasco (1300 MW)
20230405	1430	7950	5400				Scheduled TTC	Validation phase	2550	0	IT	5125	MNII valid of 04/03/2023 minus capacity of Venaus - Piossasco (1300 MW)

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230405	1530	7950	5657				Scheduled TTC	Validation phase	2293	0	IT	5382	MNIIvalid of 04/03/2023 minus capacity of Venaus - Piossasco (1300MW)
20230405	1630	7950	6957				Scheduled TTC	Validation phase	993	0	IT	6682	MNII valid of 04/03/2023
20230405	1730	7950	6957				Scheduled TTC	Validation phase	993	0	IT	6682	MNII valid of 04/03/2023
20230405	1830	7950	6700				Scheduled TTC	Validation phase	1250	0	IT	6425	MNII valid of 04/03/2023
20230405	1930	7950	6700				Scheduled TTC	Validation phase	1250	0	IT	6425	MNII valid of 04/03/2023
20230405	2030	7950	6700				Scheduled TTC	Validation phase	1250	0	IT	6425	MNII valid of 04/03/2023
20230405	2130	7950	6700				Scheduled TTC	Validation phase	1250	0	IT	6425	MNII valid of 04/03/2023
20230405	2230	7950	6700				Scheduled TTC	Validation phase	1250	0	IT	6425	MNII valid of 04/03/2023
20230405	2330	7340	6700				Scheduled TTC	Validation phase	640	0	IT	6425	MNII valid of 04/03/2023
20230406	1530	8184	7243	- 1868	-1868	-927	Critical Branch	Validation phase	941	0	CH	6968	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230406	1630	8184	7243	- 1868	-1868	-927	Critical Branch	Validation phase	941	0	CH	6968	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230406	1730	8184	7243	- 1868	-1868	-927	Critical Branch	Validation phase	941	0	CH	6968	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230408	0730	9139	9110	- 4027	-4027	-3998	Critical Branch	Smoothing ramp	29	0	Smoothing		
20230408	1830	9353	8953	- 2620	-2620	-2220	Critical Branch	Validation phase	400	0	IT	8678	N-1 ABV-RON1 on ABV-RON2 (102,4%)

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230408	1930	9353	8953	- 2620	-2620	-2220	Critical Branch	Validation phase	400	0	IT	8678	N-1 ABV-RON1 on ABV-RON2 (102,4%)
20230408	2030	9353	8953	- 2620	-2620	-2220	Critical Branch	Validation phase	400	0	IT	8678	N-1 ABV-RON1 on ABV-RON2 (102,4%)
20230408	2130	9558	8953	- 2449	-2449	-1844	Critical Branch	Validation phase	605	0	IT	8678	N-1 ABV-RON1 on ABV-RON2 (102,4%)
20230408	2230	9558	8953	- 2449	-2449	-1844	Critical Branch	Validation phase	605	0	IT	8678	N-1 ABV-RON1 on ABV-RON2 (102,4%)
20230408	2330	8748	8296	- 1615	-1615	-1163	Critical Branch	Validation phase	452	0	CH	8021	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230409	0030	9164	8540	- 3059	-3059	-2435	Critical Branch	Validation phase	624	0	CH	8270	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230409	0130	9164	8540	- 3059	-3059	-2435	Critical Branch	Validation phase	624	0	CH	8270	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230409	0230	9164	8540	- 3059	-3059	-2435	Critical Branch	Validation phase	624	0	CH	8270	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230409	0330	9317	8540	- 2366	-2366	-1589	Critical Branch	Validation phase	777	0	CH	8270	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230409	0430	9317	8540	- 2366	-2366	-1589	Critical Branch	Validation phase	777	0	CH	8270	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230409	0530	9317	8540	- 2366	-2366	-1589	Critical Branch	Validation phase	777	0	CH	8270	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230409	0630	9317	8540	- 2366	-2366	-1589	Critical Branch	Validation phase	777	0	CH	8270	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230409	0730	9149	8540	- 6799	-6799	-6190	Critical Branch	Validation phase	609	0	CH	8270	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230409	0830	9149	8540	- 6801	-6801	-6192	Critical Branch	Validation phase	609	0	CH	8265	IT issues in internal Validation Tool. BackUp-NTC-values are applied.

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230409	0930	9278	8540	- 7239	-7239	-6501	Critical Branch	Validation phase	738	0	CH	8265	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230409	1030	9278	8540	- 7239	-7239	-6501	Critical Branch	Validation phase	738	0	CH	8265	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230409	1130	9278	8540	- 7239	-7239	-6501	Critical Branch	Validation phase	738	0	CH	8265	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230409	1230	9006	8540	- 2963	-2963	-2497	Critical Branch	Validation phase	466	0	CH	8265	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230413	0930	7983	7883	- 1448	-1448	-1348	Critical Branch	Validation phase	100	0	IT	7608	N-2 ROB-PRA & FIL-ROB on SOA-SIL (102,2%)
20230413	1030	7983	7883	- 1448	-1448	-1348	Critical Branch	Validation phase	100	0	IT	7608	N-2 ROB-PRA & FIL-ROB on SOA-SIL (102,2%)
20230413	1130	7983	7883	- 1448	-1448	-1348	Critical Branch	Validation phase	100	0	IT	7608	N-2 ROB-PRA & FIL-ROB on SOA-SIL (102,2%)
20230413	1530	8350	7983				Scheduled TTC	Validation phase	367	0	CH	7708	No models for this timestamp
20230413	1630	8350	7983				Scheduled TTC	Validation phase	367	0	CH	7708	No models for this timestamp
20230413	1730	8350	7983				Scheduled TTC	Validation phase	367	0	CH	7708	No models for this timestamp
20230413	2130	8350	7983				Scheduled TTC	Validation phase	367	0	CH	7708	No models for this timestamp
20230413	2230	8350	7983				Scheduled TTC	Validation phase	367	0	CH	7708	No models for this timestamp
20230414	0330	7608	7300	- 3362	-3362	-3054	Critical Branch	Validation phase	308	0	CH	7030	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	0430	7608	7300	- 3362	-3362	-3054	Critical Branch	Validation phase	308	0	CH	7030	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	0530	7608	7300	- 3362	-3362	-3054	Critical Branch	Validation phase	308	0	CH	7030	IT issues in internal Validation Tool. BackUp-NTC-values are applied.

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230414	0630	7608	7300	-3362	-3362	-3054	Critical Branch	Validation phase	308	0	CH	7030	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	0730	8404	7300	-2866	-2866	-1762	Critical Branch	Validation phase	1104	0	CH	7030	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	0830	8404	7300	-2866	-2866	-1762	Critical Branch	Validation phase	1104	0	CH	7025	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	0930	8350	7300	-3360	-3360	-2310	Critical Branch	Validation phase	1050	0	CH	7025	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	1030	7716	7300	-2726	-2726	-2310	Critical Branch	Validation phase	416	0	CH	7025	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	1130	7716	7300	-2726	-2726	-2310	Critical Branch	Validation phase	416	0	CH	7025	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	1230	8119	7300	-2175	-2175	-1356	Critical Branch	Validation phase	819	0	CH	7025	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	1330	8119	7300	-2175	-2175	-1356	Critical Branch	Validation phase	819	0	CH	7025	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	1430	8119	7300	-2175	-2175	-1356	Critical Branch	Validation phase	819	0	CH	7025	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	1530	7941	7300	-1914	-1914	-1273	Critical Branch	Validation phase	641	0	CH	7025	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	1630	7941	7300	-1914	-1914	-1273	Critical Branch	Validation phase	641	0	CH	7025	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	1730	8241	7300	-2275	-2275	-1334	Critical Branch	Validation phase	941	0	CH	7025	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	1830	7947	7300	-2451	-2451	-1804	Critical Branch	Validation phase	647	0	CH	7025	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	1930	7947	7300	-2451	-2451	-1804	Critical Branch	Validation phase	647	0	CH	7025	IT issues in internal Validation Tool. BackUp-NTC-values are applied.

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230414	2030	7947	7300	- 2451	-2451	-1804	Critical Branch	Validation phase	647	0	CH	7025	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	2130	8650	7300	- 4615	-4615	-3265	TTC Selection - LTTC	Validation phase	1350	0	CH	7025	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230414	2230	7400	7300	- 3365	-3365	-3265	TTC Selection - LTTC	Validation phase	100	0	CH	7025	IT issues in internal Validation Tool. BackUp-NTC-values are applied.
20230415	0930	8650	8172				Scheduled TTC	Validation phase	478	0	IT	7897	Computation Failed
20230415	1030	8650	8172				Scheduled TTC	Validation phase	478	0	IT	7897	Computation Failed
20230415	1130	8650	8172				Scheduled TTC	Validation phase	478	0	IT	7897	Computation Failed
20230417	0030	7840	6690				Scheduled TTC	Validation phase	1150	0	IT	6420	correct value
20230417	0130	7840	6690				Scheduled TTC	Validation phase	1150	0	IT	6420	correct value
20230417	0230	7840	6690				Scheduled TTC	Validation phase	1150	0	IT	6420	correct value
20230417	0730	8650	7395				Scheduled TTC	Validation phase	1255	0	IT	7125	correct value according to the implemented logic
20230417	0830	8650	7400				Scheduled TTC	Validation phase	1250	0	IT	7125	correct value according to the implemented logic
20230417	1430	8650	7400	- 6303	-6303	-5053	TTC Selection - LTTC	Validation phase	1250	0	IT	7125	correct value according to the implemented logic
20230419	0930	8795	7621	- 2744	-2744	-1570	Critical Branch	Validation phase	1174	0	CH	7346	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Sils + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230419	1030	8795	7621	- 2744	-2744	-1570	Critical Branch	Validation phase	1174	0	CH	7346	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Sils + Filisur-Robbia
20230419	1130	8795	7621	- 2744	-2744	-1570	Critical Branch	Validation phase	1174	0	CH	7346	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Sils + Filisur-Robbia
20230421	0030	9453	8853	- 2797	-2797	-2197	Critical Branch	Validation phase	600	0	IT	8583	N-2 ROB-GOR + ROB-SFI > BOV-VER N-2 ROB-GOR + ROB-SFI > BOV- VER N-2 ROB-GOR + ROB-SFI > BOV- VER
20230421	0130	9453	8853	- 2797	-2797	-2197	Critical Branch	Validation phase	600	0	IT	8583	
20230421	0230	9453	8853	- 2797	-2797	-2197	Critical Branch	Validation phase	600	0	IT	8583	
20230422	1530	9030	8894	- 2316	-2316	-2180	Critical Branch	Validation phase	136	0	CH	8619	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Sils + Filisur-Robbia
20230422	1630	9030	8894	- 2316	-2316	-2180	Critical Branch	Validation phase	136	0	CH	8619	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Sils + Filisur-Robbia
20230422	1730	9030	8894	- 2316	-2316	-2180	Critical Branch	Validation phase	136	0	CH	8619	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Sils + Filisur-Robbia
20230426	0830	8650	7405	- 4760	-4760	-3515	TTC Selection - LTTC	Validation phase	1245	0	IT	7130	Correct value based on MNIIp Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Sils + Filisur-Robbia
20230426	1530	8729	8469	- 2370	-2370	-2110	Critical Branch	Validation phase	260	0	CH	8194	

TTC							ANTC		LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason		
20230426	1630	8729	8469	- 2370	-2370	-2110	Critical Branch	Validation phase	260	0	CH	8194	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Sils + Filisur-Robbia		
20230426	1730	8729	8469	- 2401	-2401	-2141	Critical Branch	Validation phase	260	0	CH	8194	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Sils + Filisur-Robbia		
20230426	2330	7400	6590	- 5327	-5327	-4517	TTC Selection - LTTC	Validation phase	810	0	IT	6315	Correct value based on MNIIp		
20230428	1830	9157	8900	- 4435	-4435	-4179	Critical Branch	Smoothing ramp	257	0	Smoothing				
20230429	0030	9245	8662	- 2456	-2456	-1873	Critical Branch	Validation phase	583	0	CH	8392	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230429	0130	9245	8662	- 2456	-2456	-1873	Critical Branch	Validation phase	583	0	CH	8392	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230429	0230	9245	8662	- 2456	-2456	-1873	Critical Branch	Validation phase	583	0	CH	8392	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230429	0330	8691	8657	- 5246	-5246	-5212	Critical Branch	Validation phase	34	0	CH	8387	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano		
20230429	0430	8691	8657	- 5246	-5246	-5212	Critical Branch	Validation phase	34	0	CH	8387	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano		

TTC							ANTC		LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason		
20230429	0530	8691	8657	-5246	-5246	-5212	Critical Branch	Validation phase	34	0	CH	8387	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano		
20230429	0630	8691	8657	-5246	-5246	-5212	Critical Branch	Validation phase	34	0	CH	8387	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano		
20230429	0830	8910	8900	-5137	-5137	-5127	Critical Branch	Smoothing ramp	10	0	Smoothing				
20230429	1530	9192	8341	-2799	-2799	-1948	Critical Branch	Validation phase	851	0	CH	8066	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Sils + Filisur-Robbia		
20230429	1630	9192	8341	-2799	-2799	-1948	Critical Branch	Validation phase	851	0	CH	8066	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Sils + Filisur-Robbia		
20230429	1730	9192	8341	-2799	-2799	-1948	Critical Branch	Validation phase	851	0	CH	8066	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Sils + Filisur-Robbia		
20230429	1830	8992	7876	-2372	-2372	-1256	Critical Branch	Validation phase	1116	0	CH	7601	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230429	1930	9692	8576	-3183	-3183	-2067	Critical Branch	Validation phase	1116	0	CH	8301	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230429	2030	9692	8576	-3183	-3183	-2067	Critical Branch	Validation phase	1116	0	CH	8301	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia		

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230429	2130	9461	8669	-3114	-3114	-2322	Critical Branch	Validation phase	792	0	CH	8394	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230429	2230	9461	8669	-3114	-3114	-2322	Critical Branch	Validation phase	792	0	CH	8394	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230429	2330	8651	7859	-2290	-2290	-1498	Critical Branch	Validation phase	792	0	CH	7584	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230430	1830	8805	8639	-3461	-3461	-3295	Critical Branch	Validation phase	166	0	CH	8364	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230430	1930	8805	8639	-3461	-3461	-3295	Critical Branch	Validation phase	166	0	CH	8364	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230430	2030	8805	8639	-3461	-3461	-3295	Critical Branch	Validation phase	166	0	CH	8364	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230430	2130	9585	9230	-1780	-1780	-1425	Critical Branch	Validation phase	355	0	CH	8955	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230430	2230	9585	9230	-1780	-1780	-1425	Critical Branch	Validation phase	355	0	CH	8955	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230430	2330	9585	9230	-1780	-1780	-1425	Critical Branch	Validation phase	355	0	CH	8955	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia

Table 3: D2 TS with bilateral TTC reduction during the validation process for April

		TTC		ANTC		LimitedBy		Validation					
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230409	1330	9006	7802	-2963	-2963	-1832	Critical Branch	Validation phase	1204	0	FR	2400	Bilateral - Red Flag
20230409	1430	9006	7802	-2963	-2963	-1832	Critical Branch	Validation phase	1204	0	FR	2400	Bilateral - Red Flag
20230409	1530	8985	7802	-3229	-3229	-2031	Critical Branch	Validation phase	1183	0	FR	2400	Bilateral - Red Flag
20230409	1630	8985	7802	-3229	-3229	-2031	Critical Branch	Validation phase	1183	0	FR	2400	Bilateral - Red Flag
20230409	1730	8985	7802	-3229	-3229	-2031	Critical Branch	Validation phase	1183	0	FR	2400	Bilateral - Red Flag
20230409	1830	7290	7045	-4539	-4539	-4307	TTC Selection - LTTC	TTC Selection - LTTC	245	0	FR	2400	Bilateral - Red Flag
20230409	1930	7290	7045	-4539	-4539	-4307	TTC Selection - LTTC	TTC Selection - LTTC	245	0	FR	2400	Bilateral - Red Flag
20230409	2030	7290	7045	-4539	-4539	-4307	TTC Selection - LTTC	TTC Selection - LTTC	245	0	FR	2400	Bilateral - Red Flag
20230411	2330	7840	7835				Scheduled TTC	Scheduled TTC	5	0	AT	220	Bilateral - Reduction because outage line Greuth
20230412	0030	7840	7102				Scheduled TTC	Scheduled TTC	738	0	AT	225	Bilateral - Reduction because outage line 912
20230412	0130	7840	7102				Scheduled TTC	Scheduled TTC	738	0	AT	225	Bilateral - Reduction because outage line 912
20230412	0230	7840	7102				Scheduled TTC	Scheduled TTC	738	0	AT	225	Bilateral - Reduction because outage line 912
20230412	0330	7840	7102				Scheduled TTC	Scheduled TTC	738	0	AT	225	Bilateral - Reduction because outage line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230412	0430	7840	7102				Scheduled TTC	Scheduled TTC	738	0	AT	225	Bilateral - Reduction because outage line 912
20230412	0530	7840	7102				Scheduled TTC	Scheduled TTC	738	0	AT	225	Bilateral - Reduction because outage line 912
20230412	0630	7840	7102				Scheduled TTC	Scheduled TTC	738	0	AT	225	Bilateral - Reduction because outage line 912
20230412	0730	8650	7765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912
20230412	0830	7650	6765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912
20230412	0930	7650	6765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912
20230412	1030	7650	6765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912
20230412	1130	7650	6765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912
20230412	1230	7650	6765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912
20230412	1330	7650	6765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912
20230412	1430	7650	6765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912
20230412	1530	7650	6765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912
20230412	1630	8650	7765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912
20230412	1730	8650	7765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912
20230412	1830	8650	7765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230412	1930	8650	7765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912
20230412	2030	8650	7765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912
20230412	2130	8650	7765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912
20230412	2230	8650	7765				Scheduled TTC	Scheduled TTC	885	0	AT	240	Bilateral - Reduction because outage line 912
20230412	2330	8650	7546				Scheduled TTC	Scheduled TTC	1104	0	AT	225	Bilateral - Reduction because outage line 912
20230416	0330	9147	9121	-1945	-1945	-1924	Critical Branch	Critical Branch	26	0	AT	225	Bilateral - Reduction because of outage 912 (Greuth-Tarvisio)
20230416	0430	9147	9121	-1945	-1945	-1924	Critical Branch	Critical Branch	26	0	AT	225	Bilateral - Reduction because of outage 912 (Greuth-Tarvisio)
20230416	0530	9147	9121	-1945	-1945	-1924	Critical Branch	Critical Branch	26	0	AT	225	Bilateral - Reduction because of outage 912 (Greuth-Tarvisio)
20230416	0630	9147	9121	-1945	-1945	-1924	Critical Branch	Critical Branch	26	0	AT	225	Bilateral - Reduction because of outage 912 (Greuth-Tarvisio)
20230416	0930	9266	9238	-2595	-2595	-2569	Critical Branch	Critical Branch	28	0	AT	225	Bilateral - Reduction because of outage 912 (Greuth-Tarvisio)
20230416	1030	9266	9238	-2595	-2595	-2569	Critical Branch	Critical Branch	28	0	AT	225	Bilateral - Reduction because of outage 912 (Greuth-Tarvisio)
20230416	1130	9266	9238	-2595	-2595	-2569	Critical Branch	Critical Branch	28	0	AT	225	Bilateral - Reduction because of outage 912 (Greuth-Tarvisio)
20230419	1830	8830	8827	-2230	-2230	-2227	Critical Branch	Critical Branch	3	0	AT	240	Bilateral - Reduction because of outage of line 912
20230419	1930	8830	8827	-2230	-2230	-2227	Critical Branch	Critical Branch	3	0	AT	240	Bilateral - Reduction because of outage of line 912
20230419	2030	8830	8827	-2230	-2230	-2227	Critical Branch	Critical Branch	3	0	AT	240	Bilateral - Reduction because of outage of line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230422	2330	7235	7230	-2970	-2970	-2963	Critical Branch	Critical Branch	5	0	AT	208	Bilateral - Disconnection of line 912
20230424	2330	8078	8073	-1728	-1728	-1724	Critical Branch	Critical Branch	5	0	AT	225	Bilateral - Disconnection of line 912
20230425	0730	7927	7925	-2408	-2408	-2406	Critical Branch	Critical Branch	2	0	AT	225	Bilateral - Reduction because NTC over thermal limit on border
20230425	0830	7927	7925	-2407	-2407	-2406	Critical Branch	Critical Branch	2	0	AT	225	Bilateral - Reduction because NTC over thermal limit on border
20230425	0930	8338	8328	-1491	-1491	-1482	Critical Branch	Critical Branch	10	0	AT	225	Bilateral - Reduction because NTC over thermal limit on border
20230425	1030	8338	8328	-1491	-1491	-1482	Critical Branch	Critical Branch	10	0	AT	225	Bilateral - Reduction because NTC over thermal limit on border
20230425	1130	8338	8328	-1491	-1491	-1482	Critical Branch	Critical Branch	10	0	AT	225	Bilateral - Reduction because NTC over thermal limit on border
20230426	1230	8508	8507	-2958	-2958	-2956	Critical Branch	Critical Branch	1	0	AT	240	Bilateral - Reduction because NTC over thermal limit on border
20230426	1330	8508	8507	-2958	-2958	-2956	Critical Branch	Critical Branch	1	0	AT	240	Bilateral - Reduction because NTC over thermal limit on border
20230426	1430	8508	8507	-2958	-2958	-2956	Critical Branch	Critical Branch	1	0	AT	240	Bilateral - Reduction because NTC over thermal limit on border
20230428	1930	9157	9147	-4435	-4435	-4426	Critical Branch	Critical Branch	10	0	AT	240	Bilateral - Reduction because out of PST
20230428	2030	9157	9147	-4435	-4435	-4426	Critical Branch	Critical Branch	10	0	AT	240	Bilateral - Reduction because out of PST
20230428	2330	8415	8404	-2993	-2993	-2984	Critical Branch	Critical Branch	11	0	AT	225	Bilateral - Reduction because out of PST

Table 4: D2 TS with global TTC reduction during the validation process for May

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230501	0030	7403	7274	-3005	-3005	-2876	Critical Branch	Validation phase	129	0	CH	7024	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230501	0130	7403	7274	-3005	-3005	-2876	Critical Branch	Validation phase	129	0	CH	7024	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230501	0230	7403	7274	-3005	-3005	-2876	Critical Branch	Validation phase	129	0	CH	7024	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230501	0830	6089	5690	-2985	-2985	-2586	Critical Branch	Smoothing ramp	399	0	Smoothing		
20230501	1230	5883	5690	-1334	-1334	-1141	Critical Branch	Smoothing ramp	193	0	Smoothing		
20230501	2130	6827	5771	-2287	-2287	-1231	Critical Branch	Validation phase	1056	0	CH	5516	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-2 ALBERTVILLE- RONDISSONE
20230501	2230	6827	5771	-2287	-2287	-1231	Critical Branch	Validation phase	1056	0	CH	5516	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-2 ALBERTVILLE- RONDISSONE
20230501	2330	6827	5771	-2288	-2288	-1232	Critical Branch	Validation phase	1056	0	CH	5521	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-2 ALBERTVILLE- RONDISSONE
20230502	0830	6196	6140	-1961	-1961	-1907	Critical Branch	Smoothing ramp	56	0	Smoothing		
20230502	1830	6944	6692	-2368	-2368	-2120	Critical Branch	Smoothing ramp	252	0	Smoothing		
20230506	0730	6597	6076	-886	-886	-366	Critical Branch	Validation phase	521	0	IT	5826	ABV - GRA 1-2 --> ABV-GRA 3 104.5%

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230506	0830	6597	6076	-886	-886	-366	Critical Branch	Validation phase	521	0	IT	5826	ABV - GRA 1-2 --> ABV-GRA 3 104,5%
20230506	0930	6169	6076	-617	-617	-525	Critical Branch	Validation phase	93	0	IT	5826	ABV - GRA 1-2 --> ABV-GRA 3 104,5%
20230506	1030	6169	6076	-617	-617	-525	Critical Branch	Validation phase	93	0	IT	5826	ABV - GRA 1-2 --> ABV-GRA 3 104,5%
20230506	1130	6169	6076	-617	-617	-525	Critical Branch	Validation phase	93	0	IT	5826	ABV - GRA 1-2 --> ABV-GRA 3 104,5%
20230506	1230	6441	6076	-764	-764	-400	Critical Branch	Validation phase	365	0	IT	5826	ABV - GRA 1-2 --> ABV-GRA 3 104,5%
20230506	1330	6441	6076	-764	-764	-400	Critical Branch	Validation phase	365	0	IT	5826	ABV - GRA 1-2 --> ABV-GRA 3 104,5%
20230506	1430	6441	6076	-764	-764	-400	Critical Branch	Validation phase	365	0	IT	5826	ABV - GRA 1-2 --> ABV-GRA 3 104,5%
20230506	1530	6681	6076	-2072	-2072	-1467	Critical Branch	Validation phase	605	0	IT	5826	ABV - GRA 1-2 --> ABV-GRA 3 104,5%
20230506	1630	6681	6076	-2072	-2072	-1467	Critical Branch	Validation phase	605	0	IT	5826	ABV - GRA 1-2 --> ABV-GRA 3 104,5%
20230506	1730	6831	6080	-2238	-2238	-1488	Critical Branch	Validation phase	751	0	IT	5826	ABV - GRA 1-2 --> ABV-GRA 3 104,5%
20230506	1830	6844	5874	-3146	-3146	-2176	Critical Branch	Validation phase	970	0	CH	5619	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230506	1930	6844	5874	-3146	-3146	-2176	Critical Branch	Validation phase	970	0	CH	5619	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230506	2030	6844	5874	-3146	-3146	-2176	Critical Branch	Validation phase	970	0	CH	5619	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230507	0830	6943	6038	-2564	-2564	-1668	Critical Branch	Smoothing ramp	905	0	Smoothing		

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230508	0830	7156	6140	-2336	-2336	-1323	Critical Branch	Smoothing ramp	1016	0	Smoothing		
20230508	1230	5890	5040	-2300	-2300	-1450	Critical Branch	Validation phase	850	0	IT	4785	Correct value according to the implemented logic
20230508	1430	5890	5040	-2300	-2300	-1450	Critical Branch	Validation phase	850	0	IT	4785	Correct value according to the implemented logic
20230508	1530	6956	6540	-1095	-1095	-683	Critical Branch	Smoothing ramp	416	0	Smoothing		
20230509	0730	6976	6803	-1547	-1547	-1374	Critical Branch	Smoothing ramp	173	0	Smoothing		
20230509	0830	6976	6740	-1547	-1547	-1311	Critical Branch	Smoothing ramp	236	0	Smoothing		
20230509	1230	6490	5956				Scheduled TTC	Validation phase	534	0	IT	5701	Computation Failed
20230509	1330	6490	5956				Scheduled TTC	Validation phase	534	0	IT	5701	Computation Failed
20230509	1430	6490	5956				Scheduled TTC	Validation phase	534	0	IT	5701	Computation Failed
20230509	2130	6178	6069	-1849	-1849	-1740	Critical Branch	Validation phase	109	0	CH	5814	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230509	2230	6178	6069	-1849	-1849	-1740	Critical Branch	Validation phase	109	0	CH	5814	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230509	2330	6178	6069	-1838	-1838	-1729	Critical Branch	Validation phase	109	0	CH	5819	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230510	0330	6405	6267	-1249	-1249	-1111	Critical Branch	Validation phase	138	0	CH	6017	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230510	0430	6405	6267	-1249	-1249	-1111	Critical Branch	Validation phase	138	0	CH	6017	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230510	0530	6405	6267	-1249	-1249	-1111	Critical Branch	Validation phase	138	0	CH	6017	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230510	0630	6405	6267	-1249	-1249	-1111	Critical Branch	Validation phase	138	0	CH	6017	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230516	1530	7586	7318	-1705	-1705	-1437	Critical Branch	Validation phase	268	0	CH	7128	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230516	1630	7586	7318	-1705	-1705	-1437	Critical Branch	Validation phase	268	0	CH	7128	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230516	1730	7586	7318	-1705	-1705	-1437	Critical Branch	Validation phase	268	0	CH	7128	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230523	1830	6590	5936	-2196	-2196	-1542	Critical Branch	Validation phase	654	0	CH	5746	Missing CNEC in CC: CNE: 380/220kV Lavorgo , C: N-2 Pradella-Robbia + Filisur-Robbia
20230523	1930	7490	6836	-3228	-3228	-2574	Critical Branch	Validation phase	654	0	CH	6646	Missing CNEC in CC: CNE: 380/220kV Lavorgo , C: N-2 Pradella-Robbia + Filisur-Robbia
20230523	2030	7490	6836	-3228	-3228	-2574	Critical Branch	Validation phase	654	0	CH	6646	Missing CNEC in CC: CNE: 380/220kV Lavorgo , C: N-2 Pradella-Robbia + Filisur-Robbia
20230523	2130	7605	6932	-1794	-1794	-1121	Critical Branch	Validation phase	673	0	CH	6742	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230523	2230	7605	6932	-1794	-1794	-1121	Critical Branch	Validation phase	673	0	CH	6742	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230523	2330	7205	6532	-1429	-1429	-756	Critical Branch	Validation phase	673	0	CH	6342	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230524	0730	6130	6044	-1562	-1562	-1476	Critical Branch	Smoothing ramp	86	0	Smoothing		
20230524	1830	6620	6357	-3334	-3334	-3071	Critical Branch	Validation phase	263	0	CH	6167	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230524	1930	7520	7257	-4271	-4271	-4008	Critical Branch	Validation phase	263	0	CH	7067	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230524	2030	7520	7257	-4271	-4271	-4008	Critical Branch	Validation phase	263	0	CH	7067	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230524	2130	7391	7114	-1984	-1984	-1707	Critical Branch	Validation phase	277	0	CH	6924	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230524	2230	7391	7114	-1984	-1984	-1707	Critical Branch	Validation phase	277	0	CH	6924	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230524	2330	6991	6714	-1609	-1609	-1332	Critical Branch	Validation phase	277	0	CH	6524	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230525	0030	5609	5557	-1709	-1709	-1657	Critical Branch	Validation phase	52	0	CH	5367	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230525	0130	5609	5557	-1709	-1709	-1657	Critical Branch	Validation phase	52	0	CH	5367	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230525	0230	5609	5557	-1709	-1709	-1657	Critical Branch	Validation phase	52	0	CH	5367	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230525	0730	6429	6038	-1349	-1349	-958	Critical Branch	Smoothing ramp	391	0	Smoothing		

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230525	0930	6738	6582	-1242	-1242	-1086	Critical Branch	Validation phase	156	0	CH	6392	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20230525	1030	6738	6582	-1242	-1242	-1086	Critical Branch	Validation phase	156	0	CH	6392	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20230525	1130	6738	6582	-1242	-1242	-1086	Critical Branch	Validation phase	156	0	CH	6392	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20230525	1230	6385	6223	-1279	-1279	-1117	Critical Branch	Validation phase	162	0	CH	6033	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20230525	1330	6385	6223	-1279	-1279	-1117	Critical Branch	Validation phase	162	0	CH	6033	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20230525	1430	6385	6223	-1279	-1279	-1117	Critical Branch	Validation phase	162	0	CH	6033	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20230526	0030	7451	6227	-1439	-1439	-215	Critical Branch	Validation phase	1224	0	CH	6037	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230526	0130	7451	6227	-1439	-1439	-215	Critical Branch	Validation phase	1224	0	CH	6037	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230526	0230	7451	6227	-1439	-1439	-215	Critical Branch	Validation phase	1224	0	CH	6037	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230526	0730	6421	6085	-936	-936	-600	Critical Branch	Validation phase	336	0	CH	5895	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230526	0830	6421	6085	-936	-936	-600	Critical Branch	Validation phase	336	0	CH	5895	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230526	0930	6084	5916	-2608	-2608	-2440	Critical Branch	Validation phase	168	0	CH	5726	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20230526	1030	6084	5916	-2608	-2608	-2440	Critical Branch	Validation phase	168	0	CH	5726	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20230526	1130	6084	5916	-2608	-2608	-2440	Critical Branch	Validation phase	168	0	CH	5726	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20230526	1230	5894	5815	-1792	-1792	-1713	Critical Branch	Validation phase	79	0	CH	5625	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20230526	1330	5894	5815	-1792	-1792	-1713	Critical Branch	Validation phase	79	0	CH	5625	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20230526	1430	5894	5815	-1792	-1792	-1713	Critical Branch	Validation phase	79	0	CH	5625	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20230526	1830	6771	5895	-1021	-1021	-145	Critical Branch	Validation phase	876	0	CH	5705	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230526	1930	7671	6795	-2082	-2082	-1206	Critical Branch	Validation phase	876	0	CH	6605	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230526	2030	7671	6795	-2082	-2082	-1206	Critical Branch	Validation phase	876	0	CH	6605	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

Table 5: D2 TS with bilateral TTC reduction during the validation process for May

		TTC		ANTC		LimitedBy		Validation					
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230502	0030	6760	6721	-1830	-1830	-1799	Critical Branch	Critical Branch	39	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230502	0130	6760	6721	-1830	-1830	-1799	Critical Branch	Critical Branch	39	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230502	0230	6760	6721	-1830	-1830	-1799	Critical Branch	Critical Branch	39	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230502	0330	6725	6687	-1410	-1410	-1380	Critical Branch	Critical Branch	38	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230502	0430	6725	6687	-1410	-1410	-1380	Critical Branch	Critical Branch	38	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230502	0530	6725	6687	-1410	-1410	-1380	Critical Branch	Critical Branch	38	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230502	0630	6725	6687	-1410	-1410	-1380	Critical Branch	Critical Branch	38	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230502	0730	6196	6187	-1961	-1961	-1954	Critical Branch	Critical Branch	9	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230502	1930	6944	6919	-2368	-2368	-2347	Critical Branch	Critical Branch	25	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230502	2030	6944	6919	-2368	-2368	-2347	Critical Branch	Critical Branch	25	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230502	2130	6853	6831	-1679	-1679	-1658	Critical Branch	Critical Branch	22	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230502	2230	6853	6831	-1679	-1679	-1658	Critical Branch	Critical Branch	22	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230502	2330	6853	6811	-1659	-1659	-1620	Critical Branch	Critical Branch	42	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230503	0030	6533	6501	-4967	-4967	-4933	Critical Branch	Critical Branch	32	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230503	0130	6533	6501	-4967	-4967	-4933	Critical Branch	Critical Branch	32	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230503	0230	6533	6501	-4967	-4967	-4933	Critical Branch	Critical Branch	32	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230503	0330	6553	6520	-886	-886	-857	Critical Branch	Critical Branch	33	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230503	0430	6553	6520	-886	-886	-857	Critical Branch	Critical Branch	33	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230503	0530	6553	6520	-886	-886	-857	Critical Branch	Critical Branch	33	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230503	0630	6553	6520	-886	-886	-857	Critical Branch	Critical Branch	33	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230503	0730	6413	6398	-2499	-2499	-2487	Critical Branch	Critical Branch	15	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230503	0830	6413	6398	-2499	-2499	-2487	Critical Branch	Critical Branch	15	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230503	0930	6319	6307	-1772	-1772	-1763	Critical Branch	Critical Branch	12	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230503	1030	6319	6307	-1772	-1772	-1763	Critical Branch	Critical Branch	12	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230503	1130	6319	6307	-1772	-1772	-1763	Critical Branch	Critical Branch	12	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230503	1230	6536	6518	-2523	-2523	-2508	Critical Branch	Critical Branch	18	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230503	1330	6536	6518	-2523	-2523	-2508	Critical Branch	Critical Branch	18	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230503	1430	6536	6518	-2523	-2523	-2508	Critical Branch	Critical Branch	18	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230503	1530	6159	6151	-2846	-2846	-2839	Critical Branch	Critical Branch	8	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230503	1630	6159	6151	-2846	-2846	-2839	Critical Branch	Critical Branch	8	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230503	1730	6159	6151	-2846	-2846	-2839	Critical Branch	Critical Branch	8	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230503	1830	6655	6638	-3443	-3443	-3429	Critical Branch	Critical Branch	17	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230503	1930	6655	6638	-3443	-3443	-3429	Critical Branch	Critical Branch	17	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230503	2030	6655	6638	-3443	-3443	-3429	Critical Branch	Critical Branch	17	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230503	2330	6041	6023	-2338	-2338	-2323	Critical Branch	Critical Branch	18	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230504	0030	6596	6562	-2190	-2190	-2162	Critical Branch	Critical Branch	34	0	AT	205	Bilateral - Reduction due to outage of Line 912
20230504	0130	6596	6562	-2190	-2190	-2162	Critical Branch	Critical Branch	34	0	AT	205	Bilateral - Reduction due to outage of Line 912
20230504	0230	6596	6562	-2190	-2190	-2162	Critical Branch	Critical Branch	34	0	AT	205	Bilateral - Reduction due to outage of Line 912
20230504	0330	6640	6604	-2038	-2038	-2009	Critical Branch	Critical Branch	36	0	AT	205	Bilateral - Reduction due to outage of Line 912
20230504	0430	6640	6604	-2038	-2038	-2009	Critical Branch	Critical Branch	36	0	AT	205	Bilateral - Reduction due to outage of Line 912
20230504	0530	6640	6604	-2038	-2038	-2009	Critical Branch	Critical Branch	36	0	AT	205	Bilateral - Reduction due to outage of Line 912
20230504	0630	6640	6604	-2038	-2038	-2009	Critical Branch	Critical Branch	36	0	AT	205	Bilateral - Reduction due to outage of Line 912
20230504	0730	6559	6540	-2644	-2644	-2628	Critical Branch	Critical Branch	19	0	AT	215	Bilateral - Reduction due to outage of Line 912
20230504	0830	6559	6540	-2644	-2644	-2628	Critical Branch	Critical Branch	19	0	AT	215	Bilateral - Reduction due to outage of Line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230504	0930	6471	6455	-1965	-1965	-1952	Critical Branch	Critical Branch	16	0	AT	215	Bilateral - Reduction due to outage of Line 912
20230504	1030	6471	6455	-1965	-1965	-1952	Critical Branch	Critical Branch	16	0	AT	215	Bilateral - Reduction due to outage of Line 912
20230504	1130	6471	6455	-1965	-1965	-1952	Critical Branch	Critical Branch	16	0	AT	215	Bilateral - Reduction due to outage of Line 912
20230504	1230	6063	6058	-1871	-1871	-1867	Critical Branch	Critical Branch	5	0	AT	215	Bilateral - Reduction due to outage of Line 912
20230504	1330	6063	6058	-1871	-1871	-1867	Critical Branch	Critical Branch	5	0	AT	215	Bilateral - Reduction due to outage of Line 912
20230504	1430	6063	6058	-1871	-1871	-1867	Critical Branch	Critical Branch	5	0	AT	215	Bilateral - Reduction due to outage of Line 912
20230504	1530	5978	5976	-2144	-2144	-2143	Critical Branch	Critical Branch	2	0	AT	215	Bilateral - Reduction due to outage of Line 912
20230504	1630	5978	5976	-2144	-2144	-2143	Critical Branch	Critical Branch	2	0	AT	215	Bilateral - Reduction due to outage of Line 912
20230504	1730	5978	5976	-2144	-2144	-2143	Critical Branch	Critical Branch	2	0	AT	215	Bilateral - Reduction due to outage of Line 912
20230504	1830	6790	6769	-3110	-3110	-3092	Critical Branch	Critical Branch	21	0	AT	215	Bilateral - Reduction due to outage of Line 912
20230504	1930	6790	6769	-3110	-3110	-3092	Critical Branch	Critical Branch	21	0	AT	215	Bilateral - Reduction due to outage of Line 912
20230504	2030	6790	6769	-3110	-3110	-3092	Critical Branch	Critical Branch	21	0	AT	215	Bilateral - Reduction due to outage of Line 912
20230504	2130	6887	6864	-3029	-3029	-3010	Critical Branch	Critical Branch	23	0	AT	215	Bilateral - Reduction due to outage of Line 912
20230504	2230	6887	6864	-3029	-3029	-3010	Critical Branch	Critical Branch	23	0	AT	215	Bilateral - Reduction due to outage of Line 912
20230504	2330	6887	6844	-3005	-3005	-2969	Critical Branch	Critical Branch	43	0	AT	205	Bilateral - Reduction due to outage of Line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230505	0030	6013	5996	-1824	-1824	-1812	Critical Branch	Critical Branch	17	0	AT	205	Bilateral - Reduction because of outage of line 912
20230505	0130	6013	5996	-1824	-1824	-1812	Critical Branch	Critical Branch	17	0	AT	205	Bilateral - Reduction because of outage of line 912
20230505	0230	6013	5996	-1824	-1824	-1812	Critical Branch	Critical Branch	17	0	AT	205	Bilateral - Reduction because of outage of line 912
20230505	0330	5970	5954	-1525	-1525	-1513	Critical Branch	Critical Branch	16	0	AT	205	Bilateral - Reduction because of outage of line 912
20230505	0430	5970	5954	-1525	-1525	-1513	Critical Branch	Critical Branch	16	0	AT	205	Bilateral - Reduction because of outage of line 912
20230505	0530	5970	5954	-1525	-1525	-1513	Critical Branch	Critical Branch	16	0	AT	205	Bilateral - Reduction because of outage of line 912
20230505	0630	5970	5954	-1525	-1525	-1513	Critical Branch	Critical Branch	16	0	AT	205	Bilateral - Reduction because of outage of line 912
20230505	0730	6604	6584	-2927	-2927	-2911	Critical Branch	Critical Branch	20	0	AT	215	Bilateral - Reduction because of outage of line 912
20230505	0830	6604	6584	-2927	-2927	-2911	Critical Branch	Critical Branch	20	0	AT	215	Bilateral - Reduction because of outage of line 912
20230505	0930	6551	6532	-1429	-1429	-1412	Critical Branch	Critical Branch	19	0	AT	215	Bilateral - Reduction because of outage of line 912
20230505	1030	6551	6532	-1429	-1429	-1412	Critical Branch	Critical Branch	19	0	AT	215	Bilateral - Reduction because of outage of line 912
20230505	1130	6551	6532	-1429	-1429	-1412	Critical Branch	Critical Branch	19	0	AT	215	Bilateral - Reduction because of outage of line 912
20230505	1230	6488	6471	-2378	-2378	-2364	Critical Branch	Critical Branch	17	0	AT	215	Bilateral - Reduction because of outage of line 912
20230505	1330	6488	6471	-2378	-2378	-2364	Critical Branch	Critical Branch	17	0	AT	215	Bilateral - Reduction because of outage of line 912
20230505	1430	6488	6471	-2378	-2378	-2364	Critical Branch	Critical Branch	17	0	AT	215	Bilateral - Reduction because of outage of line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230505	1530	6025	6021	-2357	-2357	-2354	Critical Branch	Critical Branch	4	0	AT	215	Bilateral - Reduction because of outage of line 912
20230505	1630	6025	6021	-2357	-2357	-2354	Critical Branch	Critical Branch	4	0	AT	215	Bilateral - Reduction because of outage of line 912
20230505	1730	6025	6021	-2357	-2357	-2354	Critical Branch	Critical Branch	4	0	AT	215	Bilateral - Reduction because of outage of line 912
20230505	1830	6682	6660	-3397	-3397	-3378	Critical Branch	Critical Branch	22	0	AT	215	Bilateral - Reduction because of outage of line 912
20230505	1930	6682	6660	-3397	-3397	-3378	Critical Branch	Critical Branch	22	0	AT	215	Bilateral - Reduction because of outage of line 912
20230505	2030	6682	6660	-3397	-3397	-3378	Critical Branch	Critical Branch	22	0	AT	215	Bilateral - Reduction because of outage of line 912
20230505	2130	6635	6614	-2868	-2868	-2851	Critical Branch	Critical Branch	21	0	AT	215	Bilateral - Reduction because of outage of line 912
20230505	2230	6635	6614	-2868	-2868	-2851	Critical Branch	Critical Branch	21	0	AT	215	Bilateral - Reduction because of outage of line 912
20230505	2330	5985	5962	-2176	-2176	-2158	Critical Branch	Critical Branch	23	0	AT	205	Bilateral - Reduction because of outage of line 912
20230506	0030	6305	6272	-960	-960	-927	Critical Branch	Critical Branch	33	0	AT	205	Bilateral - Reduction because out of order Itg. 912
20230506	0130	6305	6272	-960	-960	-927	Critical Branch	Critical Branch	33	0	AT	205	Bilateral - Reduction because out of order Itg. 912
20230506	0230	6305	6272	-960	-960	-927	Critical Branch	Critical Branch	33	0	AT	205	Bilateral - Reduction because out of order Itg. 912
20230506	0330	6744	6267	-1089	-1089	-614	Critical Branch	Validation phase	477	0	AT	205	Bilateral - Reduction because out of order Itg. 912
20230506	0430	6744	6267	-1089	-1089	-614	Critical Branch	Validation phase	477	0	AT	205	Bilateral - Reduction because out of order Itg. 912
20230506	0530	6744	6267	-1089	-1089	-614	Critical Branch	Validation phase	477	0	AT	205	Bilateral - Reduction because out of order Itg. 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230506	0630	6744	6267	-1089	-1089	-614	Critical Branch	Validation phase	477	0	AT	205	Bilateral - Reduction because out of order ltg. 912
20230507	0030	6718	6664	-686	-686	-633	Critical Branch	Validation phase	54	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	0130	6718	6664	-686	-686	-633	Critical Branch	Validation phase	54	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	0230	6718	6664	-686	-686	-633	Critical Branch	Validation phase	54	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	0330	6925	6881	-158	-158	-116	Critical Branch	Critical Branch	44	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	0430	6925	6881	-158	-158	-116	Critical Branch	Critical Branch	44	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	0530	6925	6881	-158	-158	-116	Critical Branch	Critical Branch	44	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	0630	6925	6881	-158	-158	-116	Critical Branch	Critical Branch	44	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	0730	6943	6900	-2564	-2564	-2530	Critical Branch	Critical Branch	43	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	1230	6272	5941	-1361	-1361	-1030	Critical Branch	Validation phase	331	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	1330	6272	5941	-1361	-1361	-1030	Critical Branch	Validation phase	331	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	1430	6272	5941	-1361	-1361	-1030	Critical Branch	Validation phase	331	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	1530	6533	6502	-1002	-1002	-975	Critical Branch	Critical Branch	31	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	1630	6533	6502	-1002	-1002	-975	Critical Branch	Critical Branch	31	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	1730	6533	6502	-1002	-1002	-975	Critical Branch	Critical Branch	31	0	AT	205	Bilateral - Reduction because out of order LTG. 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230507	1830	6935	6892	-745	-745	-704	Critical Branch	Critical Branch	43	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	1930	6935	6892	-745	-745	-704	Critical Branch	Critical Branch	43	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	2030	6935	6892	-745	-745	-704	Critical Branch	Critical Branch	43	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	2130	6734	6697	-836	-836	-802	Critical Branch	Critical Branch	37	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	2230	6734	6697	-836	-836	-802	Critical Branch	Critical Branch	37	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230507	2330	6734	6696	-836	-836	-801	Critical Branch	Critical Branch	38	0	AT	205	Bilateral - Reduction because out of order LTG. 912
20230508	0030	6797	6472	-2248	-2248	-1919	Critical Branch	Validation phase	325	0	AT	205	Bilateral - Reduction because out of order 912
20230508	0130	6797	6472	-2248	-2248	-1919	Critical Branch	Validation phase	325	0	AT	205	Bilateral - Reduction because out of order 912
20230508	0230	6797	6472	-2248	-2248	-1919	Critical Branch	Validation phase	325	0	AT	205	Bilateral - Reduction because out of order 912
20230508	0330	6939	6529	-2123	-2123	-1709	Critical Branch	Validation phase	410	0	AT	205	Bilateral - Reduction because out of order 912
20230508	0430	6939	6529	-2123	-2123	-1709	Critical Branch	Validation phase	410	0	AT	205	Bilateral - Reduction because out of order 912
20230508	0530	6939	6529	-2123	-2123	-1709	Critical Branch	Validation phase	410	0	AT	205	Bilateral - Reduction because out of order 912
20230508	0630	6939	6529	-2123	-2123	-1709	Critical Branch	Validation phase	410	0	AT	205	Bilateral - Reduction because out of order 912
20230508	0730	7156	7120	-2336	-2336	-2303	Critical Branch	Critical Branch	36	0	AT	215	Bilateral - Reduction because out of order 912
20230508	1630	6956	6926	-1095	-1095	-1069	Critical Branch	Critical Branch	30	0	AT	215	Bilateral - Reduction because out of order 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230508	1730	6956	6926	-1095	-1095	-1069	Critical Branch	Critical Branch	30	0	AT	215	Bilateral - Reduction because out of order 912
20230508	1830	7011	6979	-1801	-1801	-1765	Critical Branch	Critical Branch	32	0	AT	215	Bilateral - Reduction because out of order 912
20230508	1930	7011	6979	-1801	-1801	-1765	Critical Branch	Critical Branch	32	0	AT	215	Bilateral - Reduction because out of order 912
20230508	2030	7011	6979	-1801	-1801	-1765	Critical Branch	Critical Branch	32	0	AT	215	Bilateral - Reduction because out of order 912
20230508	2330	5897	5877	-1876	-1876	-1855	Critical Branch	Critical Branch	20	0	AT	205	Bilateral - Reduction because out of order 912
20230510	0730	6068	5854	-972	-972	-779	Critical Branch	Critical Branch	214	0	FR	2300	Bilateral - Outage Chaffard-Grande Ile 1
20230510	0830	6068	5854	-972	-972	-779	Critical Branch	Critical Branch	214	0	FR	2300	Bilateral - Outage Chaffard-Grande Ile 1
20230510	1530	6874	6292	-951	-951	-416	Critical Branch	Critical Branch	582	0	FR	2300	Bilateral - Outage Chaffard-Grande Ile 1
20230510	1630	6874	6292	-951	-951	-416	Critical Branch	Critical Branch	582	0	FR	2300	Bilateral - Outage Chaffard-Grande Ile 1
20230510	1730	6874	6292	-951	-951	-416	Critical Branch	Critical Branch	582	0	FR	2300	Bilateral - Outage Chaffard-Grande Ile 1
20230510	2130	7162	6448	-1680	-1680	-1028	Critical Branch	Critical Branch	714	0	FR	2300	Bilateral - Outage Chaffard-Grande Ile 1
20230510	2230	7162	6448	-1680	-1680	-1028	Critical Branch	Critical Branch	714	0	FR	2300	Bilateral - Outage Chaffard-Grande Ile 1
20230510	2330	6512	6021	-1019	-1019	-574	Critical Branch	Critical Branch	491	0	FR	2300	Bilateral - Outage Chaffard-Grande Ile 1
20230511	0030	6863	6211	-1843	-1843	-1245	Critical Branch	Critical Branch	652	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	0130	6863	6211	-1843	-1843	-1245	Critical Branch	Critical Branch	652	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230511	0230	6863	6211	-1843	-1843	-1245	Critical Branch	Critical Branch	652	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	0330	7355	6474	-2293	-2293	-1427	Critical Branch	Critical Branch	881	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	0430	7355	6474	-2293	-2293	-1427	Critical Branch	Critical Branch	881	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	0530	7355	6474	-2293	-2293	-1427	Critical Branch	Critical Branch	881	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	0630	7355	6474	-2293	-2293	-1427	Critical Branch	Critical Branch	881	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	0730	7548	6465	-2005	-2005	-992	Critical Branch	Validation phase	1083	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	0830	7548	6465	-2005	-2005	-992	Critical Branch	Validation phase	1083	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	0930	7069	6399	-825	-825	-185	Critical Branch	Critical Branch	670	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	1030	7069	6399	-825	-825	-185	Critical Branch	Critical Branch	670	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	1130	7069	6399	-825	-825	-185	Critical Branch	Critical Branch	670	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	1230	7335	6465	-1350	-1350	-278	Critical Branch	Validation phase	870	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	1330	7335	6465	-1350	-1350	-278	Critical Branch	Validation phase	870	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	1430	7335	6465	-1350	-1350	-278	Critical Branch	Validation phase	870	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	1530	7314	6465	-1163	-1163	-358	Critical Branch	Validation phase	849	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	1630	7314	6465	-1163	-1163	-358	Critical Branch	Validation phase	849	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230511	1730	7314	6465	-1163	-1163	-358	Critical Branch	Validation phase	849	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	1830	6962	6340	-1231	-1231	-671	Critical Branch	Critical Branch	622	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	1930	6962	6340	-1231	-1231	-671	Critical Branch	Critical Branch	622	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	2030	6962	6340	-1231	-1231	-671	Critical Branch	Critical Branch	622	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	2130	6865	6287	-981	-981	-453	Critical Branch	Critical Branch	578	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	2230	6865	6287	-981	-981	-453	Critical Branch	Critical Branch	578	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230511	2330	6215	5863	-325	-325	-5	Critical Branch	Critical Branch	352	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE
20230512	0030	7924	7896	-2780	-2780	-2758	Critical Branch	Critical Branch	28	0	AT	205	Bilateral - Reduction because out of order 912
20230512	0130	7924	7896	-2780	-2780	-2758	Critical Branch	Critical Branch	28	0	AT	205	Bilateral - Reduction because out of order 912
20230512	0230	7924	7896	-2780	-2780	-2758	Critical Branch	Critical Branch	28	0	AT	205	Bilateral - Reduction because out of order 912
20230512	0330	8505	8408	-1590	-1590	-1496	Critical Branch	Validation phase	97	0	AT	205	Bilateral - Reduction because out of order 912
20230512	0430	8505	8408	-1590	-1590	-1496	Critical Branch	Validation phase	97	0	AT	205	Bilateral - Reduction because out of order 912
20230512	0530	8505	8408	-1590	-1590	-1496	Critical Branch	Validation phase	97	0	AT	205	Bilateral - Reduction because out of order 912
20230512	0630	7605	7501	-483	-483	-382	Critical Branch	Validation phase	104	0	AT	205	Bilateral - Reduction because out of order 912
20230512	0730	7373	7353	-846	-846	-830	Critical Branch	Critical Branch	20	0	AT	215	Bilateral - Reduction because out of order 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230512	0830	7373	7353	-846	-846	-830	Critical Branch	Critical Branch	20	0	AT	215	Bilateral - Reduction because out of order 912
20230512	1530	6819	6818	-1022	-1022	-1022	Critical Branch	Critical Branch	1	0	AT	215	Bilateral - Reduction because out of order 912
20230512	1630	6819	6818	-1022	-1022	-1022	Critical Branch	Critical Branch	1	0	AT	215	Bilateral - Reduction because out of order 912
20230512	1730	6969	6968	-1195	-1195	-1194	Critical Branch	Critical Branch	1	0	AT	215	Bilateral - Reduction because out of order 912
20230512	1830	7132	7119	-1037	-1037	-1024	Critical Branch	Validation phase	13	0	AT	215	Bilateral - Reduction because out of order 912
20230512	1930	8032	8020	-2071	-2071	-2059	Critical Branch	Validation phase	12	0	AT	215	Bilateral - Reduction because out of order 912
20230512	2030	8032	8020	-2071	-2071	-2059	Critical Branch	Validation phase	12	0	AT	215	Bilateral - Reduction because out of order 912
20230513	0030	7626	7614	-1855	-1855	-1843	Critical Branch	Critical Branch	12	0	AT	205	Bilateral - Reduction because of outage of line 912
20230513	0130	7626	7614	-1855	-1855	-1843	Critical Branch	Critical Branch	12	0	AT	205	Bilateral - Reduction because of outage of line 912
20230513	0230	7626	7614	-1855	-1855	-1843	Critical Branch	Critical Branch	12	0	AT	205	Bilateral - Reduction because of outage of line 912
20230513	0330	7989	7958	-1542	-1542	-1512	Critical Branch	Validation phase	31	0	AT	205	Bilateral - Reduction because of outage of line 912
20230513	0430	7989	7958	-1542	-1542	-1512	Critical Branch	Validation phase	31	0	AT	205	Bilateral - Reduction because of outage of line 912
20230513	0530	7989	7958	-1542	-1542	-1512	Critical Branch	Validation phase	31	0	AT	205	Bilateral - Reduction because of outage of line 912
20230513	0630	7089	7055	-470	-470	-437	Critical Branch	Validation phase	34	0	AT	205	Bilateral - Reduction because of outage of line 912
20230513	0730	7132	7126	-1456	-1456	-1451	Critical Branch	Critical Branch	6	0	AT	215	Bilateral - Reduction because of outage of line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230513	0830	7132	7126	-1456	-1456	-1451	Critical Branch	Critical Branch	6	0	AT	215	Bilateral - Reduction because of outage of line 912
20230513	1230	7238	7228	-1217	-1217	-1208	Critical Branch	Critical Branch	10	0	AT	215	Bilateral - Reduction because of outage of line 912
20230513	1330	7238	7228	-1217	-1217	-1208	Critical Branch	Critical Branch	10	0	AT	215	Bilateral - Reduction because of outage of line 912
20230513	1430	7238	7228	-1217	-1217	-1208	Critical Branch	Critical Branch	10	0	AT	215	Bilateral - Reduction because of outage of line 912
20230513	1530	7046	7042	-1374	-1374	-1370	Critical Branch	Critical Branch	4	0	AT	215	Bilateral - Reduction because of outage of line 912
20230513	1630	7046	7042	-1374	-1374	-1370	Critical Branch	Critical Branch	4	0	AT	215	Bilateral - Reduction because of outage of line 912
20230513	1730	7046	7042	-1374	-1374	-1370	Critical Branch	Critical Branch	4	0	AT	215	Bilateral - Reduction because of outage of line 912
20230513	1830	7510	7418	-1394	-1394	-1304	Critical Branch	Validation phase	92	0	AT	215	Bilateral - Reduction because of outage of line 912
20230513	1930	8410	8321	-2419	-2419	-2332	Critical Branch	Validation phase	89	0	AT	215	Bilateral - Reduction because of outage of line 912
20230513	2030	8410	8321	-2419	-2419	-2332	Critical Branch	Validation phase	89	0	AT	215	Bilateral - Reduction because of outage of line 912
20230513	2130	8083	7963	-2287	-2287	-2167	Critical Branch	Validation phase	120	0	AT	215	Bilateral - Reduction because of outage of line 912
20230513	2230	8083	7963	-2287	-2287	-2167	Critical Branch	Validation phase	120	0	AT	215	Bilateral - Reduction because of outage of line 912
20230513	2330	7483	7363	-1683	-1683	-1563	Critical Branch	Validation phase	120	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	0030	7793	7711	-2155	-2155	-2073	Critical Branch	Validation phase	82	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	0130	7793	7711	-2155	-2155	-2073	Critical Branch	Validation phase	82	0	AT	205	Bilateral - Reduction because of outage of line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230514	0230	7793	7711	-2155	-2155	-2073	Critical Branch	Validation phase	82	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	0330	7972	7950	-2119	-2119	-2098	Critical Branch	Critical Branch	22	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	0430	7972	7950	-2119	-2119	-2098	Critical Branch	Critical Branch	22	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	0530	7972	7950	-2119	-2119	-2098	Critical Branch	Critical Branch	22	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	0630	7072	7046	-1116	-1116	-1091	Critical Branch	Critical Branch	26	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	0730	8151	8087	-1304	-1304	-1240	Critical Branch	Critical Branch	64	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	0830	8151	8087	-1304	-1304	-1240	Critical Branch	Critical Branch	64	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	0930	7641	7490	-1175	-1175	-1026	Critical Branch	Validation phase	151	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	1030	7641	7490	-1175	-1175	-1026	Critical Branch	Validation phase	151	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	1130	7641	7490	-1175	-1175	-1026	Critical Branch	Validation phase	151	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	1230	7671	7624	-1721	-1721	-1680	Critical Branch	Critical Branch	47	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	1330	7671	7624	-1721	-1721	-1680	Critical Branch	Critical Branch	47	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	1430	7671	7624	-1721	-1721	-1680	Critical Branch	Critical Branch	47	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	1530	7397	7360	-2553	-2553	-2524	Critical Branch	Critical Branch	37	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	1630	7397	7360	-2553	-2553	-2524	Critical Branch	Critical Branch	37	0	AT	205	Bilateral - Reduction because of outage of line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230514	1730	7397	7360	-2553	-2553	-2524	Critical Branch	Critical Branch	37	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	1830	7607	7563	-3707	-3707	-3670	Critical Branch	Critical Branch	44	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	1930	8507	8468	-4660	-4660	-4627	Critical Branch	Critical Branch	39	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	2030	8507	8468	-4660	-4660	-4627	Critical Branch	Critical Branch	39	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	2130	7824	7759	-2614	-2614	-2550	Critical Branch	Validation phase	65	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	2230	7824	7759	-2614	-2614	-2550	Critical Branch	Validation phase	65	0	AT	205	Bilateral - Reduction because of outage of line 912
20230514	2330	7824	7759	-2614	-2614	-2550	Critical Branch	Validation phase	65	0	AT	205	Bilateral - Reduction because of outage of line 912
20230515	0030	8447	8410	-3355	-3355	-3326	Critical Branch	Critical Branch	37	0	AT	205	Bilateral - Reduction because of outage of line 912
20230515	0130	8447	8410	-3355	-3355	-3326	Critical Branch	Critical Branch	37	0	AT	205	Bilateral - Reduction because of outage of line 912
20230515	0230	8447	8410	-3355	-3355	-3326	Critical Branch	Critical Branch	37	0	AT	205	Bilateral - Reduction because of outage of line 912
20230515	0330	8426	8390	-3293	-3293	-3265	Critical Branch	Critical Branch	36	0	AT	205	Bilateral - Reduction because of outage of line 912
20230515	0430	8426	8390	-3293	-3293	-3265	Critical Branch	Critical Branch	36	0	AT	205	Bilateral - Reduction because of outage of line 912
20230515	0530	8426	8390	-3293	-3293	-3265	Critical Branch	Critical Branch	36	0	AT	205	Bilateral - Reduction because of outage of line 912
20230515	0630	7526	7484	-2312	-2312	-2280	Critical Branch	Critical Branch	42	0	AT	205	Bilateral - Reduction because of outage of line 912
20230515	0730	7317	7304	-2362	-2362	-2350	Critical Branch	Critical Branch	13	0	AT	215	Bilateral - Reduction because of outage of line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230515	0830	7317	7304	-2362	-2362	-2350	Critical Branch	Critical Branch	13	0	AT	215	Bilateral - Reduction because of outage of line 912
20230515	1230	7329	7316	-1752	-1752	-1741	Critical Branch	Critical Branch	13	0	AT	215	Bilateral - Reduction because of outage of line 912
20230515	1330	7329	7316	-1752	-1752	-1741	Critical Branch	Critical Branch	13	0	AT	215	Bilateral - Reduction because of outage of line 912
20230515	1430	7329	7316	-1752	-1752	-1741	Critical Branch	Critical Branch	13	0	AT	215	Bilateral - Reduction because of outage of line 912
20230515	1530	7305	7293	-2567	-2567	-2556	Critical Branch	Critical Branch	12	0	AT	215	Bilateral - Reduction because of outage of line 912
20230515	1630	7305	7293	-2567	-2567	-2556	Critical Branch	Critical Branch	12	0	AT	215	Bilateral - Reduction because of outage of line 912
20230515	1730	7305	7293	-2567	-2567	-2556	Critical Branch	Critical Branch	12	0	AT	215	Bilateral - Reduction because of outage of line 912
20230515	1830	7318	7305	-1122	-1122	-1109	Critical Branch	Critical Branch	13	0	AT	215	Bilateral - Reduction because of outage of line 912
20230515	1930	8218	8207	-2170	-2170	-2160	Critical Branch	Critical Branch	11	0	AT	215	Bilateral - Reduction because of outage of line 912
20230515	2030	8218	8207	-2170	-2170	-2160	Critical Branch	Critical Branch	11	0	AT	215	Bilateral - Reduction because of outage of line 912
20230515	2130	8562	8513	-2264	-2264	-2215	Critical Branch	Validation phase	49	0	AT	215	Bilateral - Reduction because of outage of line 912
20230515	2230	8562	8513	-2264	-2264	-2215	Critical Branch	Validation phase	49	0	AT	215	Bilateral - Reduction because of outage of line 912
20230515	2330	7962	7912	-1659	-1659	-1610	Critical Branch	Validation phase	50	0	AT	205	Bilateral - Reduction because of outage of line 912
20230519	0730	7276	6944	-2100	-2100	-1768	Critical Branch	Validation phase	332	0	AT	215	Bilateral - Reduction because out of line 912
20230519	0830	7276	6944	-2100	-2100	-1768	Critical Branch	Validation phase	332	0	AT	215	Bilateral - Reduction because out of line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230519	0930	6248	6235	-1103	-1103	-1090	Critical Branch	Validation phase	13	0	AT	215	Bilateral - Reduction because out of line 912
20230519	1030	6248	6235	-1103	-1103	-1090	Critical Branch	Validation phase	13	0	AT	215	Bilateral - Reduction because out of line 912
20230519	1130	6248	6235	-1103	-1103	-1090	Critical Branch	Validation phase	13	0	AT	215	Bilateral - Reduction because out of line 912
20230520	0030	6725	6073	-764	-764	-112	Critical Branch	Validation phase	652	0	AT	205	Bilateral - Reduction because out of line 912
20230520	0130	6725	6073	-764	-764	-112	Critical Branch	Validation phase	652	0	AT	205	Bilateral - Reduction because out of line 912
20230520	0230	6725	6073	-764	-764	-112	Critical Branch	Validation phase	652	0	AT	205	Bilateral - Reduction because out of line 912
20230520	0330	6887	6053	-1117	-1117	-283	Critical Branch	Validation phase	834	0	AT	205	Bilateral - Reduction because out of line 912
20230520	0430	6887	6053	-1117	-1117	-283	Critical Branch	Validation phase	834	0	AT	205	Bilateral - Reduction because out of line 912
20230520	0530	6887	6053	-1117	-1117	-283	Critical Branch	Validation phase	834	0	AT	205	Bilateral - Reduction because out of line 912
20230520	0730	6707	6118	-1226	-1226	-637	Critical Branch	Validation phase	589	0	AT	215	Bilateral - Reduction because out of line 912
20230520	0830	6707	6118	-1226	-1226	-637	Critical Branch	Validation phase	589	0	AT	215	Bilateral - Reduction because out of line 912
20230520	0930	6122	5673	-915	-915	-466	Critical Branch	Validation phase	449	0	AT	215	Bilateral - Reduction because out of line 912
20230520	1030	6122	5673	-915	-915	-466	Critical Branch	Validation phase	449	0	AT	215	Bilateral - Reduction because out of line 912
20230520	1130	6122	5673	-915	-915	-466	Critical Branch	Validation phase	449	0	AT	215	Bilateral - Reduction because out of line 912
20230520	1230	5943	5442	-1429	-1429	-928	Critical Branch	Validation phase	501	0	AT	215	Bilateral - Reduction because out of line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230520	1330	5943	5442	-1429	-1429	-928	Critical Branch	Validation phase	501	0	AT	215	Bilateral - Reduction because out of line 912
20230520	1430	5943	5442	-1429	-1429	-928	Critical Branch	Validation phase	501	0	AT	215	Bilateral - Reduction because out of line 912
20230520	1530	6164	5676	-504	-504	-16	Critical Branch	Validation phase	488	0	AT	215	Bilateral - Reduction because out of line 912
20230520	1630	6164	5676	-504	-504	-16	Critical Branch	Validation phase	488	0	AT	215	Bilateral - Reduction because out of line 912
20230520	1730	6164	5676	-504	-504	-16	Critical Branch	Validation phase	488	0	AT	215	Bilateral - Reduction because out of line 912
20230520	1830	5690	5270	-1434	-1434	-1014	TTC Selection - LTTC	Validation phase	420	0	AT	215	Bilateral - Reduction because out of line 912
20230520	1930	6590	6170	-2401	-2401	-1981	TTC Selection - LTTC	Validation phase	420	0	AT	215	Bilateral - Reduction because out of line 912
20230520	2030	6590	6170	-2401	-2401	-1981	TTC Selection - LTTC	Validation phase	420	0	AT	215	Bilateral - Reduction because out of line 912
20230520	2130	6590	6163	-2066	-2066	-1639	TTC Selection - LTTC	Validation phase	427	0	AT	215	Bilateral - Reduction because out of line 912
20230520	2230	6590	6163	-2066	-2066	-1639	TTC Selection - LTTC	Validation phase	427	0	AT	215	Bilateral - Reduction because out of line 912
20230520	2330	5990	5563	-1462	-1462	-1035	TTC Selection - LTTC	Validation phase	427	0	AT	205	Bilateral - Reduction because out of line 912
20230521	0730	6313	5110	-4799	-4799	-3596	Critical Branch	Validation phase	1203	0	AT	205	Bilateral - Reduction because out of line 912
20230521	0830	6313	5110	-4799	-4799	-3596	Critical Branch	Validation phase	1203	0	AT	205	Bilateral - Reduction because out of line 912
20230521	0930	5968	5246	-722	-722	0	Critical Branch	Validation phase	722	0	AT	205	Bilateral - Reduction because out of line 912
20230521	1030	5968	5246	-722	-722	0	Critical Branch	Validation phase	722	0	AT	205	Bilateral - Reduction because out of line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230521	1130	5968	5246	-722	-722	0	Critical Branch	Validation phase	722	0	AT	205	Bilateral - Reduction because out of line 912
20230521	1230	6108	4991	-1117	-1117	0	Critical Branch	Validation phase	1117	0	AT	205	Bilateral - Reduction because out of line 912
20230521	1330	6108	4991	-1117	-1117	0	Critical Branch	Validation phase	1117	0	AT	205	Bilateral - Reduction because out of line 912
20230521	1430	6108	4991	-1117	-1117	0	Critical Branch	Validation phase	1117	0	AT	205	Bilateral - Reduction because out of line 912
20230521	1830	6696	6684	-2576	-2576	-2567	Critical Branch	Critical Branch	12	0	AT	205	Bilateral - Reduction because out of line 912
20230521	1930	7596	7585	-3578	-3578	-3569	Critical Branch	Critical Branch	11	0	AT	205	Bilateral - Reduction because out of line 912
20230521	2030	7596	7585	-3578	-3578	-3569	Critical Branch	Critical Branch	11	0	AT	205	Bilateral - Reduction because out of line 912
20230521	2130	7783	7766	-3720	-3720	-3707	Critical Branch	Critical Branch	17	0	AT	205	Bilateral - Reduction because out of line 912
20230521	2230	7783	7766	-3720	-3720	-3707	Critical Branch	Critical Branch	17	0	AT	205	Bilateral - Reduction because out of line 912
20230521	2330	7783	7766	-3720	-3720	-3707	Critical Branch	Critical Branch	17	0	AT	205	Bilateral - Reduction because out of line 912
20230522	0030	7901	7881	-2872	-2872	-2856	Critical Branch	Critical Branch	20	0	AT	205	Bilateral - Reduction because out of line 912
20230522	0130	7901	7881	-2872	-2872	-2856	Critical Branch	Critical Branch	20	0	AT	205	Bilateral - Reduction because out of line 912
20230522	0230	7901	7881	-2872	-2872	-2856	Critical Branch	Critical Branch	20	0	AT	205	Bilateral - Reduction because out of line 912
20230522	0330	7354	7351	-2122	-2122	-2120	Critical Branch	Critical Branch	3	0	AT	205	Bilateral - Reduction because out of line 912
20230522	0430	7354	7351	-2122	-2122	-2120	Critical Branch	Critical Branch	3	0	AT	205	Bilateral - Reduction because out of line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230522	0530	7354	7351	-2122	-2122	-2120	Critical Branch	Critical Branch	3	0	AT	205	Bilateral - Reduction because out of line 912
20230522	0630	6454	6450	-1196	-1196	-1193	Critical Branch	Critical Branch	4	0	AT	205	Bilateral - Reduction because out of line 912
20230522	0730	6679	6588	-1678	-1678	-1593	Critical Branch	Critical Branch	91	0	AT	215	Bilateral - Reduction because out of line 912
20230522	0830	6679	6588	-1678	-1678	-1593	Critical Branch	Critical Branch	91	0	AT	215	Bilateral - Reduction because out of line 912
20230522	0930	6252	6182	-3019	-3019	-2958	Critical Branch	Critical Branch	70	0	AT	215	Bilateral - Reduction because out of line 912
20230522	1030	6252	6182	-3019	-3019	-2958	Critical Branch	Critical Branch	70	0	AT	215	Bilateral - Reduction because out of line 912
20230522	1130	6252	6182	-3019	-3019	-2958	Critical Branch	Critical Branch	70	0	AT	215	Bilateral - Reduction because out of line 912
20230522	1230	6168	6102	-1152	-1152	-1092	Critical Branch	Critical Branch	66	0	AT	215	Bilateral - Reduction because out of line 912
20230522	1330	6168	6102	-1152	-1152	-1092	Critical Branch	Critical Branch	66	0	AT	215	Bilateral - Reduction because out of line 912
20230522	1430	6168	6102	-1152	-1152	-1092	Critical Branch	Critical Branch	66	0	AT	215	Bilateral - Reduction because out of line 912
20230522	1530	6255	6185	-3729	-3729	-3667	Critical Branch	Critical Branch	70	0	AT	215	Bilateral - Reduction because out of line 912
20230522	1630	6255	6185	-3729	-3729	-3667	Critical Branch	Critical Branch	70	0	AT	215	Bilateral - Reduction because out of line 912
20230522	1730	6255	6185	-3729	-3729	-3667	Critical Branch	Critical Branch	70	0	AT	215	Bilateral - Reduction because out of line 912
20230522	1830	6319	6246	-540	-540	-464	Critical Branch	Critical Branch	73	0	AT	215	Bilateral - Reduction because out of line 912
20230522	1930	7219	7158	-1547	-1547	-1485	Critical Branch	Critical Branch	61	0	AT	215	Bilateral - Reduction because out of line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230522	2030	7219	7158	-1547	-1547	-1485	Critical Branch	Critical Branch	61	0	AT	215	Bilateral - Reduction because out of line 912
20230522	2130	7740	7316	-3808	-3808	-3397	Critical Branch	Validation phase	424	0	AT	215	Bilateral - Reduction because out of line 912
20230522	2230	7740	7316	-3808	-3808	-3397	Critical Branch	Validation phase	424	0	AT	215	Bilateral - Reduction because out of line 912
20230522	2330	7340	6913	-3417	-3417	-3004	Critical Branch	Validation phase	427	0	AT	205	Bilateral - Reduction because out of line 912
20230530	0030	6641	6548	-301	-301	-207	Critical Branch	Validation phase	93	0	AT	205	Bilateral - Reduction due to outage of line 912
20230530	0130	6641	6548	-301	-301	-207	Critical Branch	Validation phase	93	0	AT	205	Bilateral - Reduction due to outage of line 912
20230530	0230	6641	6548	-301	-301	-207	Critical Branch	Validation phase	93	0	AT	205	Bilateral - Reduction due to outage of line 912
20230530	0330	7433	6553	-1259	-1259	-371	Critical Branch	Validation phase	880	0	AT	205	Bilateral - Reduction due to outage of line 912
20230530	0430	7433	6553	-1259	-1259	-371	Critical Branch	Validation phase	880	0	AT	205	Bilateral - Reduction due to outage of line 912
20230530	0530	7433	6553	-1259	-1259	-371	Critical Branch	Validation phase	880	0	AT	205	Bilateral - Reduction due to outage of line 912
20230530	0630	7433	6553	-1259	-1259	-371	Critical Branch	Validation phase	880	0	AT	205	Bilateral - Reduction due to outage of line 912
20230530	0730	6026	6014	-6349	-6349	-6341	Critical Branch	Critical Branch	12	0	AT	215	Bilateral - Reduction due to outage of line 912
20230530	0830	6026	6014	-6349	-6349	-6341	Critical Branch	Critical Branch	12	0	AT	215	Bilateral - Reduction due to outage of line 912
20230530	0930	6681	6585	-1533	-1533	-1446	Critical Branch	Validation phase	96	0	AT	215	Bilateral - Reduction due to outage of line 912
20230530	1030	6681	6585	-1533	-1533	-1446	Critical Branch	Validation phase	96	0	AT	215	Bilateral - Reduction due to outage of line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230530	1130	6681	6585	-1533	-1533	-1446	Critical Branch	Validation phase	96	0	AT	215	Bilateral - Reduction due to outage of line 912
20230530	1230	6309	5477	-2872	-2872	-2040	Critical Branch	Validation phase	832	0	AT	215	Bilateral - Reduction due to outage of line 912
20230530	1330	6309	5477	-2872	-2872	-2040	Critical Branch	Validation phase	832	0	AT	215	Bilateral - Reduction due to outage of line 912
20230530	1430	6309	5477	-2872	-2872	-2040	Critical Branch	Validation phase	832	0	AT	215	Bilateral - Reduction due to outage of line 912
20230530	1530	6688	5835	-2574	-2574	-1721	Critical Branch	Validation phase	853	0	AT	215	Bilateral - Reduction due to outage of line 912
20230530	1630	6688	5835	-2574	-2574	-1721	Critical Branch	Validation phase	853	0	AT	215	Bilateral - Reduction due to outage of line 912
20230530	1730	6688	5835	-2574	-2574	-1721	Critical Branch	Validation phase	853	0	AT	215	Bilateral - Reduction due to outage of line 912
20230530	1830	6915	6867	-1580	-1580	-1532	Critical Branch	Critical Branch	48	0	AT	215	Bilateral - Reduction due to outage of line 912
20230530	1930	6915	6867	-1580	-1580	-1532	Critical Branch	Critical Branch	48	0	AT	215	Bilateral - Reduction due to outage of line 912
20230530	2030	6915	6867	-1580	-1580	-1532	Critical Branch	Critical Branch	48	0	AT	215	Bilateral - Reduction due to outage of line 912
20230530	2130	7241	6829	-1044	-1044	-636	Critical Branch	Validation phase	412	0	AT	215	Bilateral - Reduction due to outage of line 912
20230530	2230	7241	6829	-1044	-1044	-636	Critical Branch	Validation phase	412	0	AT	215	Bilateral - Reduction due to outage of line 912
20230530	2330	6841	6428	-680	-680	-271	Critical Branch	Validation phase	413	0	AT	205	Bilateral - Reduction due to outage of line 912
20230531	0330	7309	6500	-3843	-3843	-3042	Critical Branch	Validation phase	809	0	AT	205	Bilateral - Reduction due to outage of line 912
20230531	0430	7309	6500	-3843	-3843	-3042	Critical Branch	Validation phase	809	0	AT	205	Bilateral - Reduction due to outage of line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230531	0530	7309	6500	-3843	-3843	-3042	Critical Branch	Validation phase	809	0	AT	205	Bilateral - Reduction due to outage of line 912
20230531	0630	7309	6500	-3843	-3843	-3042	Critical Branch	Validation phase	809	0	AT	205	Bilateral - Reduction due to outage of line 912
20230531	0730	7090	6106	-1049	-1049	-66	Critical Branch	Validation phase	984	0	AT	215	Bilateral - Reduction due to outage of line 912
20230531	0830	7090	6106	-1049	-1049	-66	Critical Branch	Validation phase	984	0	AT	215	Bilateral - Reduction due to outage of line 912
20230531	1230	7343	6257	-2643	-2643	-1558	Critical Branch	Validation phase	1086	0	AT	215	Bilateral - Reduction due to outage of line 912
20230531	1330	7343	6257	-2643	-2643	-1558	Critical Branch	Validation phase	1086	0	AT	215	Bilateral - Reduction due to outage of line 912
20230531	1430	7343	6257	-2643	-2643	-1558	Critical Branch	Validation phase	1086	0	AT	215	Bilateral - Reduction due to outage of line 912
20230531	1530	6978	5820	-1779	-1779	-621	Critical Branch	Validation phase	1158	0	AT	215	Bilateral - Reduction due to outage of line 912
20230531	1630	6978	5820	-1779	-1779	-621	Critical Branch	Validation phase	1158	0	AT	215	Bilateral - Reduction due to outage of line 912
20230531	1730	6978	5820	-1779	-1779	-621	Critical Branch	Validation phase	1158	0	AT	215	Bilateral - Reduction due to outage of line 912
20230531	1830	7526	7237	-1317	-1317	-1031	Critical Branch	Validation phase	289	0	AT	215	Bilateral - Reduction due to outage of line 912
20230531	1930	7526	7237	-1317	-1317	-1031	Critical Branch	Validation phase	289	0	AT	215	Bilateral - Reduction due to outage of line 912
20230531	2030	7526	7237	-1317	-1317	-1031	Critical Branch	Validation phase	289	0	AT	215	Bilateral - Reduction due to outage of line 912
20230531	2130	7315	6894	-964	-964	-545	Critical Branch	Validation phase	421	0	AT	215	Bilateral - Reduction due to outage of line 912
20230531	2230	7315	6894	-964	-964	-545	Critical Branch	Validation phase	421	0	AT	215	Bilateral - Reduction due to outage of line 912

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230531	2330	6915	6492	-598	-598	-178	Critical Branch	Validation phase	423	0	AT	205	Bilateral - Reduction due to outage of line 912

Table 6: D2 TS with global TTC reduction during the validation process for June

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230601	0030	7429	6755	-1546	-1546	-872	Critical Branch	Validation phase	674	0	CH	6565	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230601	0130	7429	6755	-1546	-1546	-872	Critical Branch	Validation phase	674	0	CH	6565	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230601	0230	7429	6755	-1546	-1546	-872	Critical Branch	Validation phase	674	0	CH	6565	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230601	0330	7267	6641	-1551	-1551	-925	Critical Branch	Validation phase	626	0	CH	6451	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230601	0430	7267	6641	-1551	-1551	-925	Critical Branch	Validation phase	626	0	CH	6451	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230601	0530	7267	6641	-1551	-1551	-925	Critical Branch	Validation phase	626	0	CH	6451	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230601	0630	6967	6341	-1247	-1247	-621	Critical Branch	Validation phase	626	0	CH	6151	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230601	1230	5422	5351	-1846	-1846	-1775	Critical Branch	Validation phase	71	0	CH	5161	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230601	1330	5422	5351	-1846	-1846	-1775	Critical Branch	Validation phase	71	0	CH	5161	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230601	1430	5422	5351	-1846	-1846	-1775	Critical Branch	Validation phase	71	0	CH	5161	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230601	1530	6125	6064	-1921	-1921	-1860	Critical Branch	Validation phase	61	0	CH	5874	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230601	1630	6125	6064	-1921	-1921	-1860	Critical Branch	Validation phase	61	0	CH	5874	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230601	1730	6125	6064	-1921	-1921	-1860	Critical Branch	Validation phase	61	0	CH	5874	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230601	1830	7033	6732	-653	-653	-352	Critical Branch	Validation phase	301	0	CH	6542	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 PRADELLA-ROBBIA
20230601	1930	7033	6732	-653	-653	-352	Critical Branch	Validation phase	301	0	CH	6542	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 PRADELLA-ROBBIA
20230601	2030	7033	6732	-653	-653	-352	Critical Branch	Validation phase	301	0	CH	6542	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 PRADELLA-ROBBIA
20230601	2130	7351	7027	-1489	-1489	-1165	Critical Branch	Validation phase	324	0	CH	6837	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 PRADELLA-ROBBIA

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230601	2230	7351	7027	-1489	-1489	-1165	Critical Branch	Validation phase	324	0	CH	6837	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 PRADELLA-ROBBIA
20230601	2330	6951	6627	-1104	-1104	-780	Critical Branch	Validation phase	324	0	CH	6437	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 PRADELLA-ROBBIA
20230602	0030	7465	7118	-4739	-4739	-4392	Critical Branch	Validation phase	347	0	CH	6928	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230602	0130	7465	7118	-4739	-4739	-4392	Critical Branch	Validation phase	347	0	CH	6928	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230602	0230	7465	7118	-4739	-4739	-4392	Critical Branch	Validation phase	347	0	CH	6928	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230602	0830	6122	5890	-4490	-4490	-4258	Critical Branch	Smoothing ramp	232	0	Smoothing		
20230602	1230	5904	5871	-3325	-3325	-3292	Critical Branch	Validation phase	33	0	CH	5681	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230602	1330	5904	5871	-3325	-3325	-3292	Critical Branch	Validation phase	33	0	CH	5681	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230602	1430	5904	5871	-3325	-3325	-3292	Critical Branch	Validation phase	33	0	CH	5681	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230602	1830	7697	6997	-1712	-1712	-1012	Critical Branch	Validation phase	700	0	CH	6807	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230602	1930	7697	6997	-1712	-1712	-1012	Critical Branch	Validation phase	700	0	CH	6807	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230602	2030	7697	6997	-1712	-1712	-1012	Critical Branch	Validation phase	700	0	CH	6807	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230602	2130	6661	6597	-927	-927	-863	Critical Branch	Validation phase	64	0	CH	6407	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230602	2230	6661	6597	-927	-927	-863	Critical Branch	Validation phase	64	0	CH	6407	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230602	2330	6661	6597	-927	-927	-863	Critical Branch	Validation phase	64	0	CH	6407	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230604	1530	5313	5206	-2296	-2296	-2189	Critical Branch	Validation phase	107	0	CH	5016	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230604	1630	5313	5206	-2296	-2296	-2189	Critical Branch	Validation phase	107	0	CH	5016	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230604	1730	5313	5206	-2296	-2296	-2189	Critical Branch	Validation phase	107	0	CH	5016	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230604	1830	7349	6190	-1634	-1634	-475	Critical Branch	Validation phase	1159	0	IT	6000	N-2 GOR-ROB/SFI-ROB -> BUL-SOA
20230604	1930	7349	6190	-1634	-1634	-475	Critical Branch	Validation phase	1159	0	IT	6000	N-2 GOR-ROB/SFI-ROB -> BUL-SOA
20230604	2030	7349	6190	-1634	-1634	-475	Critical Branch	Validation phase	1159	0	IT	6000	N-2 GOR-ROB/SFI-ROB -> BUL-SOA
20230604	2130	7090	6190	-3495	-3495	-2595	Critical Branch	Validation phase	900	0	IT	6000	N-2 GOR-ROB/SFI-ROB -> BUL-SOA
20230604	2230	7090	6190	-3495	-3495	-2595	Critical Branch	Validation phase	900	0	IT	6000	N-2 GOR-ROB/SFI-ROB -> BUL-SOA
20230604	2330	7090	6190	-3495	-3495	-2595	Critical Branch	Validation phase	900	0	IT	6000	N-2 GOR-ROB/SFI-ROB -> BUL-SOA

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230605	0030	7447	6447	-4591	-4591	-3591	Critical Branch	Validation phase	1000	0	IT	6257	RON-ABV 1 on RON-ABV2 and N-2 GOR-ROB/ROB-SFI on MLO CRW
20230605	0130	7447	6447	-4591	-4591	-3591	Critical Branch	Validation phase	1000	0	IT	6257	RON-ABV 1 on RON-ABV2 and N-2 GOR-ROB/ROB-SFI on MLO CRW
20230605	0230	7447	6447	-4591	-4591	-3591	Critical Branch	Validation phase	1000	0	IT	6257	RON-ABV 1 on RON-ABV2 and N-2 GOR-ROB/ROB-SFI on MLO CRW
20230605	0330	7047	6447	-4261	-4261	-3661	Critical Branch	Validation phase	600	0	IT	6257	RON-ABV 1 on RON-ABV2 and N-2 GOR-ROB/ROB-SFI on MLO CRW
20230605	0430	7047	6447	-4261	-4261	-3661	Critical Branch	Validation phase	600	0	IT	6257	RON-ABV 1 on RON-ABV2 and N-2 GOR-ROB/ROB-SFI on MLO CRW
20230605	0530	7047	6447	-4261	-4261	-3661	Critical Branch	Validation phase	600	0	IT	6257	RON-ABV 1 on RON-ABV2 and N-2 GOR-ROB/ROB-SFI on MLO CRW
20230605	0630	7047	6447	-4261	-4261	-3661	Critical Branch	Validation phase	600	0	IT	6257	RON-ABV 1 on RON-ABV2 and N-2 GOR-ROB/ROB-SFI on MLO CRW
20230605	0830	6369	6290	-2	-2	77	Critical Branch	Smoothing ramp	79	77	Smoothing		
20230605	1230	6032	5949	-3364	-3364	-3281	Critical Branch	Validation phase	83	0	CH	5759	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230605	1330	6032	5949	-3364	-3364	-3281	Critical Branch	Validation phase	83	0	CH	5759	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230605	1430	6032	5949	-3364	-3364	-3281	Critical Branch	Validation phase	83	0	CH	5759	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230605	1530	6369	6090	-1460	-1460	-1181	Critical Branch	Validation phase	279	0	IT	5900	N-2 GOR-ROB/ROB-SFI on BOV-VER or GOR-VER or MLO-CRW
20230605	1630	6369	6090	-1460	-1460	-1181	Critical Branch	Validation phase	279	0	IT	5900	N-2 GOR-ROB/ROB-SFI on BOV-VER or GOR-VER or MLO-CRW
20230605	1730	6369	6090	-1460	-1460	-1181	Critical Branch	Validation phase	279	0	IT	5900	N-2 GOR-ROB/ROB-SFI on BOV-VER or GOR-VER or MLO-CRW

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230605	1830	7398	6140	-1300	-1300	-42	Critical Branch	Validation phase	1258	0	IT	5950	N-2 GOR-ROB/ROB-SFI on BOV-VER or GOR-VER or MLO-CRW
20230605	1930	7398	6140	-1300	-1300	-42	Critical Branch	Validation phase	1258	0	IT	5950	N-2 GOR-ROB/ROB-SFI on BOV-VER or GOR-VER or MLO-CRW
20230605	2030	7398	6140	-1300	-1300	-42	Critical Branch	Validation phase	1258	0	IT	5950	N-2 GOR-ROB/ROB-SFI on BOV-VER or GOR-VER or MLO-CRW
20230605	2130	7205	6140	-1540	-1540	-475	Critical Branch	Validation phase	1065	0	IT	5950	N-2 GOR-ROB/ROB-SFI on BOV-VER or GOR-VER or MLO-CRW
20230605	2230	7205	6140	-1540	-1540	-475	Critical Branch	Validation phase	1065	0	IT	5950	N-2 GOR-ROB/ROB-SFI on BOV-VER or GOR-VER or MLO-CRW
20230605	2330	6805	6140	-1160	-1160	-495	Critical Branch	Validation phase	665	0	IT	5950	N-2 GOR-ROB/ROB-SFI on BOV-VER or GOR-VER or MLO-CRW
20230607	0930	7250	6422	-1648	-1648	-822	Critical Branch	Smoothing ramp	828	0	Smoothing		
20230609	0830	7371	6323	-1695	-1695	-651	Critical Branch	Smoothing ramp	1048	0	Smoothing		
20230610	0030	7565	6794	-1839	-1839	-1068	Critical Branch	Validation phase	771	0	CH	6604	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230610	0130	7565	6794	-1839	-1839	-1068	Critical Branch	Validation phase	771	0	CH	6604	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230610	0230	7565	6794	-1839	-1839	-1068	Critical Branch	Validation phase	771	0	CH	6604	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230610	0330	7569	6990	-1041	-1041	-462	Critical Branch	Validation phase	579	0	IT	6800	Crey-Gen 1&2 -> ABV-GRA2 107%
20230610	0430	7569	6990	-1041	-1041	-462	Critical Branch	Validation phase	579	0	IT	6800	Crey-Gen 1&2 -> ABV-GRA2 107%
20230610	0530	7569	6990	-1041	-1041	-462	Critical Branch	Validation phase	579	0	IT	6800	Crey-Gen 1&2 -> ABV-GRA2 107%

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230610	0630	7569	6990	-1041	-1041	-462	Critical Branch	Validation phase	579	0	IT	6800	Crey-Gen 1&2 -> ABV-GRA2 107%
20230610	0730	7158	6984	-520	-520	-346	Critical Branch	Validation phase	174	0	CH	6794	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230610	0830	7158	6984	-520	-520	-346	Critical Branch	Validation phase	174	0	CH	6794	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230610	0930	6051	5643	-1436	-1436	-1028	Critical Branch	Validation phase	408	0	CH	5453	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230610	1030	6051	5643	-1436	-1436	-1028	Critical Branch	Validation phase	408	0	CH	5453	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230610	1130	6051	5643	-1436	-1436	-1028	Critical Branch	Validation phase	408	0	CH	5453	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230610	1230	5929	5692	-3487	-3487	-3250	Critical Branch	Validation phase	237	0	CH	5502	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230610	1330	5929	5692	-3487	-3487	-3250	Critical Branch	Validation phase	237	0	CH	5502	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230610	1430	5929	5692	-3487	-3487	-3250	Critical Branch	Validation phase	237	0	CH	5502	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230610	1530	6266	5802	-2555	-2555	-2091	Critical Branch	Validation phase	464	0	CH	5612	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230610	1630	6266	5802	-2555	-2555	-2091	Critical Branch	Validation phase	464	0	CH	5612	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230610	1730	6266	5802	-2555	-2555	-2091	Critical Branch	Validation phase	464	0	CH	5612	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230610	1830	7843	5802	-4788	-4788	-2747	Critical Branch	Validation phase	2041	0	CH	5612	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230610	1930	7843	5802	-4788	-4788	-2747	Critical Branch	Validation phase	2041	0	CH	5612	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230610	2030	7843	5802	-4788	-4788	-2747	Critical Branch	Validation phase	2041	0	CH	5612	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230610	2130	6866	6695	-1599	-1599	-1428	Critical Branch	Validation phase	171	0	CH	6505	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20230610	2230	6866	6695	-1599	-1599	-1428	Critical Branch	Validation phase	171	0	CH	6505	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20230610	2330	6466	6295	-1211	-1211	-1040	Critical Branch	Validation phase	171	0	CH	6105	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20230611	0330	7358	7301	-3476	-3476	-3419	Critical Branch	Validation phase	57	0	CH	7111	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE
20230611	0430	7358	7301	-3476	-3476	-3419	Critical Branch	Validation phase	57	0	CH	7111	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE
20230611	0530	7358	7301	-3476	-3476	-3419	Critical Branch	Validation phase	57	0	CH	7111	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE
20230611	0630	7358	7301	-3476	-3476	-3419	Critical Branch	Validation phase	57	0	CH	7111	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230611	0730	7210	7031	-3346	-3346	-3167	Critical Branch	Validation phase	179	0	CH	6841	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230611	0830	7210	7031	-3346	-3346	-3167	Critical Branch	Validation phase	179	0	CH	6841	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230611	2130	7722	7345	-4323	-4323	-3946	Critical Branch	Validation phase	377	0	CH	7155	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230611	2230	7722	7345	-4323	-4323	-3946	Critical Branch	Validation phase	377	0	CH	7155	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230611	2330	7722	7345	-4323	-4323	-3946	Critical Branch	Validation phase	377	0	CH	7155	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230612	0030	8004	7195	-4730	-4730	-3921	Critical Branch	Validation phase	809	0	CH	7005	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230612	0130	8004	7195	-4730	-4730	-3921	Critical Branch	Validation phase	809	0	CH	7005	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230612	0230	8004	7195	-4730	-4730	-3921	Critical Branch	Validation phase	809	0	CH	7005	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230612	0330	6326	6121	-3388	-3388	-3183	Critical Branch	Validation phase	205	0	CH	5931	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230612	0430	6326	6121	-3388	-3388	-3183	Critical Branch	Validation phase	205	0	CH	5931	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230612	0530	6326	6121	-3388	-3388	-3183	Critical Branch	Validation phase	205	0	CH	5931	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230612	0630	6326	6121	-3388	-3388	-3183	Critical Branch	Validation phase	205	0	CH	5931	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230612	0730	7635	7221	-4570	-4570	-4156	Critical Branch	Validation phase	414	0	CH	7031	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230612	0830	7635	7221	-4570	-4570	-4156	Critical Branch	Validation phase	414	0	CH	7031	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230612	1830	7647	7159	-2090	-2090	-1602	Critical Branch	Validation phase	488	0	CH	6969	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230612	1930	7647	7159	-2090	-2090	-1602	Critical Branch	Validation phase	488	0	CH	6969	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230612	2030	7647	7159	-2090	-2090	-1602	Critical Branch	Validation phase	488	0	CH	6969	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230612	2130	7536	7199	-2066	-2066	-1729	Critical Branch	Validation phase	337	0	CH	7009	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230612	2230	7536	7199	-2066	-2066	-1729	Critical Branch	Validation phase	337	0	CH	7009	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230613	0730	7479	6183	-678	-678	610	Critical Branch	Smoothing ramp	1296	610	Smoothing		
20230613	0830	7479	6290	-678	-678	503	Critical Branch	Smoothing ramp	1189	503	Smoothing		
20230614	0830	6356	6137	949	498	703	Minimum Margin	Smoothing ramp	219	252	Smoothing		
20230615	2030	7887	7105	-4790	-4790	-4014	Critical Branch	Smoothing ramp	782	0	Smoothing		

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230616	1230	6420	6307	-911	-911	-797	Critical Branch	Smoothing ramp	113	0	Smoothing		
20230619	0830	6921	6590	-1014	-1014	-683	Critical Branch	Smoothing ramp	331	0	Smoothing		
20230620	0330	6847	6725	-485	-485	-363	Critical Branch	Smoothing ramp	122	0	Smoothing		
20230622	0830	6856	6590	-4651	-4651	-4388	Critical Branch	Smoothing ramp	266	0	Smoothing		
20230625	1530	7996	7648	-546	-546	-186	Critical Branch	Smoothing ramp	348	0	Smoothing		
20230628	0630	7577	6117	-1102	-1102	359	Critical Branch	Smoothing ramp	1460	359	Smoothing		
20230629	0830	6888	6590	-1344	-1344	-1046	Critical Branch	Smoothing ramp	298	0	Smoothing		
20230630	0830	7358	6904	-1307	-1307	-854	Critical Branch	Smoothing ramp	454	0	Smoothing		

Table 7:: D2 TS with bilateral TTC reduction during the validation process for June

		TTC			ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230607	1030	7250	7021	215	-1648	-1648	-1421	Critical Branch	Validation phase	229	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230607	1130	7250	7021	215	-1648	-1648	-1421	Critical Branch	Validation phase	229	0	AT	215	Bilateral - Reduction because of the disruption of the line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230607	1230	7061	6462	215	-2183	-2183	-1583	Critical Branch	Validation phase	599	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230607	1330	7061	6462	215	-2183	-2183	-1583	Critical Branch	Validation phase	599	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230607	1430	7061	6462	215	-2183	-2183	-1583	Critical Branch	Validation phase	599	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230607	1530	6919	6236	215	-1303	-1303	-619	Critical Branch	Validation phase	683	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230607	1630	6919	6236	215	-1303	-1303	-619	Critical Branch	Validation phase	683	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230607	1730	6919	6236	215	-1303	-1303	-619	Critical Branch	Validation phase	683	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230609	0030	7634	6931	205	-884	-884	-186	Critical Branch	Validation phase	703	0	AT	205	Bilateral - Reduction because out of order line 912
20230609	0130	7634	6931	205	-884	-884	-186	Critical Branch	Validation phase	703	0	AT	205	Bilateral - Reduction because out of order line 912
20230609	0230	7634	7017	205	-884	-884	-272	Critical Branch	Validation phase	617	0	AT	205	Bilateral - Reduction because out of order line 912
20230609	0330	6885	6835	205	-2272	-2272	-2233	Critical Branch	Critical Branch	50	0	AT	205	Bilateral - Reduction because out of order line 912
20230609	0430	6885	6835	205	-2272	-2272	-2233	Critical Branch	Critical Branch	50	0	AT	205	Bilateral - Reduction because out of order line 912
20230609	0530	6885	6835	205	-2272	-2272	-2233	Critical Branch	Critical Branch	50	0	AT	205	Bilateral - Reduction because out of order line 912
20230609	0630	6885	6835	205	-2272	-2272	-2233	Critical Branch	Critical Branch	50	0	AT	205	Bilateral - Reduction because out of order line 912
20230609	0730	7371	7319	215	-1695	-1695	-1647	Critical Branch	Critical Branch	52	0	AT	215	Bilateral - Reduction because out of order line 912
20230609	1830	7074	7034	215	-1277	-1277	-1242	Critical Branch	Critical Branch	40	0	AT	215	Bilateral - Reduction because out of order line 912
20230609	1930	7074	7034	215	-1277	-1277	-1242	Critical Branch	Critical Branch	40	0	AT	215	Bilateral - Reduction because out of order line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230609	2030	7074	7034	215	-1277	-1277	-1242	Critical Branch	Critical Branch	40	0	AT	215	Bilateral - Reduction because out of order line 912
20230609	2130	7214	7168	215	-865	-865	-823	Critical Branch	Critical Branch	46	0	AT	215	Bilateral - Reduction because out of order line 912
20230609	2230	7214	7168	215	-865	-865	-823	Critical Branch	Critical Branch	46	0	AT	215	Bilateral - Reduction because out of order line 912
20230609	2330	6814	6767	205	-490	-490	-449	Critical Branch	Critical Branch	47	0	AT	205	Bilateral - Reduction because out of order line 912
20230614	0030	7050	6994	205	-1687	-1687	-1630	Critical Branch	Critical Branch	56	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230614	0130	7050	6994	205	-1687	-1687	-1630	Critical Branch	Critical Branch	56	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230614	0230	7050	6994	205	-1687	-1687	-1630	Critical Branch	Critical Branch	56	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230614	0330	7219	7156	205	-758	-758	-696	Critical Branch	Critical Branch	63	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230614	0430	7219	7156	205	-758	-758	-696	Critical Branch	Critical Branch	63	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230614	0530	7219	7156	205	-758	-758	-696	Critical Branch	Critical Branch	63	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230614	0630	7219	7156	205	-758	-758	-696	Critical Branch	Critical Branch	63	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230614	1530	5842	5809	215	-1104	-1104	-1072	Critical Branch	Critical Branch	33	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230614	1630	6742	6715	215	-2105	-2105	-2079	Critical Branch	Critical Branch	27	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230614	1730	6742	6715	215	-2105	-2105	-2079	Critical Branch	Critical Branch	27	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230614	1830	7375	7323	215	-1133	-1133	-1088	Critical Branch	Critical Branch	52	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230614	1930	7375	7323	215	-1133	-1133	-1088	Critical Branch	Critical Branch	52	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border

TTC					ANTC			LimitedBy		Validation		TSO	Value	Reason
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230614	2030	7375	7323	215	-1133	-1133	-1088	Critical Branch	Critical Branch	52	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230614	2130	7640	7578	215	-1042	-1042	-978	Critical Branch	Critical Branch	62	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230614	2230	7640	7578	215	-1042	-1042	-978	Critical Branch	Critical Branch	62	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230614	2330	7240	7176	205	-656	-656	-591	Critical Branch	Critical Branch	64	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230615	0030	7668	5640	205	-4142	-4142	-2114	Critical Branch	Validation phase	2028	0	AT	205	Bilateral - Reduction due to outage of line 912
20230615	0130	7668	5640	205	-4142	-4142	-2114	Critical Branch	Validation phase	2028	0	AT	205	Bilateral - Reduction due to outage of line 912
20230615	0230	7668	5640	205	-4142	-4142	-2114	Critical Branch	Validation phase	2028	0	AT	205	Bilateral - Reduction due to outage of line 912
20230615	0330	7432	5640	205	-3700	-3700	-1908	Critical Branch	Validation phase	1792	0	AT	205	Bilateral - Reduction due to outage of line 912
20230615	0430	7432	5640	205	-3700	-3700	-1908	Critical Branch	Validation phase	1792	0	AT	205	Bilateral - Reduction due to outage of line 912
20230615	0530	7432	5640	205	-3700	-3700	-1908	Critical Branch	Validation phase	1792	0	AT	205	Bilateral - Reduction due to outage of line 912
20230615	0630	7432	5640	205	-3700	-3700	-1908	Critical Branch	Validation phase	1792	0	AT	205	Bilateral - Reduction due to outage of line 912
20230615	0730	7481	6857	215	-4233	-4233	-3614	Critical Branch	Validation phase	624	0	AT	215	Bilateral - Reduction due to outage of line 912
20230615	0830	7481	6857	215	-4233	-4233	-3614	Critical Branch	Validation phase	624	0	AT	215	Bilateral - Reduction due to outage of line 912
20230615	0930	7411	6692	215	-2447	-2447	-1727	Critical Branch	Validation phase	719	0	AT	215	Bilateral - Reduction due to outage of line 912
20230615	1030	7411	6692	215	-2447	-2447	-1727	Critical Branch	Validation phase	719	0	AT	215	Bilateral - Reduction due to outage of line 912
20230615	1130	7411	6692	215	-2447	-2447	-1727	Critical Branch	Validation phase	719	0	AT	215	Bilateral - Reduction due to outage of line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230615	1230	7094	6668	215	-2121	-2121	-1695	Critical Branch	Validation phase	426	0	AT	215	Bilateral - Reduction due to outage of line 912
20230615	1330	7094	6668	215	-2121	-2121	-1695	Critical Branch	Validation phase	426	0	AT	215	Bilateral - Reduction due to outage of line 912
20230615	1430	7094	6668	215	-2121	-2121	-1695	Critical Branch	Validation phase	426	0	AT	215	Bilateral - Reduction due to outage of line 912
20230615	1530	7184	6534	215	-1456	-1456	-805	Critical Branch	Validation phase	650	0	AT	215	Bilateral - Reduction due to outage of line 912
20230615	1630	7184	6534	215	-1456	-1456	-805	Critical Branch	Validation phase	650	0	AT	215	Bilateral - Reduction due to outage of line 912
20230615	1730	7184	6534	215	-1456	-1456	-805	Critical Branch	Validation phase	650	0	AT	215	Bilateral - Reduction due to outage of line 912
20230615	1830	7887	7145	215	-4790	-4790	-4054	Critical Branch	Validation phase	742	0	AT	215	Bilateral - Reduction due to outage of line 912
20230615	1930	7887	7145	215	-4790	-4790	-4054	Critical Branch	Validation phase	742	0	AT	215	Bilateral - Reduction due to outage of line 912
20230616	0030	7483	6648	205	-4096	-4096	-3267	Critical Branch	Validation phase	835	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230616	0130	7483	6648	205	-4096	-4096	-3267	Critical Branch	Validation phase	835	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230616	0230	7483	6648	205	-4096	-4096	-3267	Critical Branch	Validation phase	835	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230616	0330	6480	6446	205	-4171	-4171	-4133	Critical Branch	Critical Branch	34	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230616	0430	6480	6446	205	-4171	-4171	-4133	Critical Branch	Critical Branch	34	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230616	0530	6480	6446	205	-4171	-4171	-4133	Critical Branch	Critical Branch	34	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230616	0630	6480	6446	205	-4171	-4171	-4133	Critical Branch	Critical Branch	34	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230616	1330	6420	6405	215	-911	-911	-895	Critical Branch	Critical Branch	15	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230616	1430	6420	6405	215	-911	-911	-895	Critical Branch	Critical Branch	15	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230616	1530	6924	6890	215	-494	-494	-459	Critical Branch	Critical Branch	34	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230616	1630	6924	6890	215	-494	-494	-459	Critical Branch	Critical Branch	34	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230616	1730	6924	6890	215	-494	-494	-459	Critical Branch	Critical Branch	34	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230616	1830	7679	6953	215	-4468	-4468	-3747	Critical Branch	Validation phase	726	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230616	1930	7679	6953	215	-4468	-4468	-3747	Critical Branch	Validation phase	726	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230616	2030	7679	6953	215	-4468	-4468	-3747	Critical Branch	Validation phase	726	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230617	0030	7361	6948	205	-2410	-2410	-1994	Critical Branch	Validation phase	413	0	AT	205	Bilateral - Reduction because out of order line 912
20230617	0130	7361	6948	205	-2410	-2410	-1994	Critical Branch	Validation phase	413	0	AT	205	Bilateral - Reduction because out of order line 912
20230617	0230	7361	6948	205	-2410	-2410	-1994	Critical Branch	Validation phase	413	0	AT	205	Bilateral - Reduction because out of order line 912
20230617	0330	7086	6898	205	-1813	-1813	-1629	Critical Branch	Validation phase	188	0	AT	205	Bilateral - Reduction because out of order line 912
20230617	0430	7086	6898	205	-1813	-1813	-1629	Critical Branch	Validation phase	188	0	AT	205	Bilateral - Reduction because out of order line 912
20230617	0530	7086	6898	205	-1813	-1813	-1629	Critical Branch	Validation phase	188	0	AT	205	Bilateral - Reduction because out of order line 912
20230617	0630	7086	6898	205	-1813	-1813	-1629	Critical Branch	Validation phase	188	0	AT	205	Bilateral - Reduction because out of order line 912
20230617	0730	7253	7090	215	-2030	-2030	-1868	Critical Branch	Validation phase	163	0	AT	215	Bilateral - Reduction because out of order line 912
20230617	0830	7253	7090	215	-2030	-2030	-1868	Critical Branch	Validation phase	163	0	AT	215	Bilateral - Reduction because out of order line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230617	0930	5828	5699	215	-2764	-2764	-2635	Critical Branch	Validation phase	129	0	AT	215	Bilateral - Reduction because out of order line 912
20230617	1030	5828	5699	215	-2764	-2764	-2635	Critical Branch	Validation phase	129	0	AT	215	Bilateral - Reduction because out of order line 912
20230617	1130	5828	5699	215	-2764	-2764	-2635	Critical Branch	Validation phase	129	0	AT	215	Bilateral - Reduction because out of order line 912
20230617	1230	6060	5908	215	-3670	-3670	-3518	Critical Branch	Validation phase	152	0	AT	215	Bilateral - Reduction because out of order line 912
20230617	1330	6060	5908	215	-3670	-3670	-3518	Critical Branch	Validation phase	152	0	AT	215	Bilateral - Reduction because out of order line 912
20230617	1430	6060	5908	215	-3670	-3670	-3518	Critical Branch	Validation phase	152	0	AT	215	Bilateral - Reduction because out of order line 912
20230617	1530	6313	5912	215	-3572	-3572	-3171	Critical Branch	Validation phase	401	0	AT	215	Bilateral - Reduction because out of order line 912
20230617	1630	6313	5912	215	-3572	-3572	-3171	Critical Branch	Validation phase	401	0	AT	215	Bilateral - Reduction because out of order line 912
20230617	1730	6313	5912	215	-3572	-3572	-3171	Critical Branch	Validation phase	401	0	AT	215	Bilateral - Reduction because out of order line 912
20230617	1830	7207	6915	215	-2867	-2867	-2574	Critical Branch	Validation phase	292	0	AT	215	Bilateral - Reduction because out of order line 912
20230617	1930	7207	6915	215	-2867	-2867	-2574	Critical Branch	Validation phase	292	0	AT	215	Bilateral - Reduction because out of order line 912
20230617	2030	7207	6915	215	-2867	-2867	-2574	Critical Branch	Validation phase	292	0	AT	215	Bilateral - Reduction because out of order line 912
20230617	2130	6942	6907	215	-2874	-2874	-2837	Critical Branch	Critical Branch	35	0	AT	215	Bilateral - Reduction because out of order line 912
20230617	2230	6942	6907	215	-2874	-2874	-2837	Critical Branch	Critical Branch	35	0	AT	215	Bilateral - Reduction because out of order line 912
20230617	2330	6542	6506	205	-2471	-2471	-2433	Critical Branch	Critical Branch	36	0	AT	205	Bilateral - Reduction because out of order line 912
20230619	0330	7128	7083	205	-3703	-3703	-3665	Critical Branch	Critical Branch	45	0	AT	205	Bilateral - Reduction because out of order line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230619	0430	7128	7083	205	-3703	-3703	-3665	Critical Branch	Critical Branch	45	0	AT	205	Bilateral - Reduction because out of order line 912
20230619	0530	7128	7083	205	-3703	-3703	-3665	Critical Branch	Critical Branch	45	0	AT	205	Bilateral - Reduction because out of order line 912
20230619	0630	7128	7083	205	-3703	-3703	-3665	Critical Branch	Critical Branch	45	0	AT	205	Bilateral - Reduction because out of order line 912
20230619	0730	6921	6900	215	-1014	-1014	-993	Critical Branch	Critical Branch	21	0	AT	215	Bilateral - Reduction because out of order line 912
20230619	1230	5555	5478	215	-925	-925	-848	Critical Branch	Validation phase	77	0	AT	215	Bilateral - Reduction because out of order line 912
20230619	1330	5555	5478	215	-925	-925	-848	Critical Branch	Validation phase	77	0	AT	215	Bilateral - Reduction because out of order line 912
20230619	1430	5555	5478	215	-925	-925	-848	Critical Branch	Validation phase	77	0	AT	215	Bilateral - Reduction because out of order line 912
20230619	1830	6889	6869	215	-720	-720	-699	Critical Branch	Critical Branch	20	0	AT	215	Bilateral - Reduction because out of order line 912
20230619	1930	6889	6869	215	-720	-720	-699	Critical Branch	Critical Branch	20	0	AT	215	Bilateral - Reduction because out of order line 912
20230619	2030	6889	6869	215	-720	-720	-699	Critical Branch	Critical Branch	20	0	AT	215	Bilateral - Reduction because out of order line 912
20230621	0030	6847	6730	205	-4540	-4540	-4427	Critical Branch	Validation phase	117	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230621	0130	6847	6730	205	-4540	-4540	-4427	Critical Branch	Validation phase	117	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230621	0230	6847	6730	205	-4540	-4540	-4427	Critical Branch	Validation phase	117	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230621	0330	7512	7453	205	-4918	-4918	-4866	Critical Branch	Critical Branch	59	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230621	0430	7512	7453	205	-4918	-4918	-4866	Critical Branch	Critical Branch	59	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230621	0530	7512	7453	205	-4918	-4918	-4866	Critical Branch	Critical Branch	59	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230621	0630	7512	7453	205	-4918	-4918	-4866	Critical Branch	Critical Branch	59	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230621	0730	7100	7051	215	-4552	-4552	-4506	Critical Branch	Validation phase	49	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230621	0830	7100	7051	215	-4552	-4552	-4506	Critical Branch	Validation phase	49	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230621	1530	6561	6553	215	-1701	-1701	-1692	Critical Branch	Critical Branch	8	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230621	1630	6561	6553	215	-1701	-1701	-1692	Critical Branch	Critical Branch	8	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230621	1730	6561	6553	215	-1701	-1701	-1692	Critical Branch	Critical Branch	8	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230621	1830	7947	7207	215	-1800	-1800	-1060	Critical Branch	Validation phase	740	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230621	1930	7947	7207	215	-1800	-1800	-1060	Critical Branch	Validation phase	740	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230621	2030	7947	7207	215	-1800	-1800	-1060	Critical Branch	Validation phase	740	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230621	2130	7710	7210	215	-1771	-1771	-1272	Critical Branch	Validation phase	500	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230621	2230	7710	7210	215	-1771	-1771	-1272	Critical Branch	Validation phase	500	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230621	2330	7710	7194	205	-1797	-1797	-1282	Critical Branch	Validation phase	516	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230622	0030	7051	6901	205	-1647	-1647	-1492	Critical Branch	Validation phase	150	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230622	0130	7051	6901	205	-1647	-1647	-1492	Critical Branch	Validation phase	150	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230622	0230	7051	6901	205	-1647	-1647	-1492	Critical Branch	Validation phase	150	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230622	0330	7188	7141	205	-4448	-4448	-4407	Critical Branch	Critical Branch	47	0	AT	205	Bilateral - Reduction because of the disruption of the line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230622	0430	7188	7141	205	-4448	-4448	-4407	Critical Branch	Critical Branch	47	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230622	0530	7188	7141	205	-4448	-4448	-4407	Critical Branch	Critical Branch	47	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230622	0630	7188	7141	205	-4448	-4448	-4407	Critical Branch	Critical Branch	47	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230622	0730	6856	6837	215	-4651	-4651	-4635	Critical Branch	Critical Branch	19	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230622	1830	7665	6966	215	-1742	-1742	-1045	Critical Branch	Validation phase	699	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230622	1930	7665	6966	215	-1742	-1742	-1045	Critical Branch	Validation phase	699	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230622	2030	7665	6966	215	-1742	-1742	-1045	Critical Branch	Validation phase	699	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230622	2130	7106	7078	215	-3814	-3814	-3791	Critical Branch	Critical Branch	28	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230622	2230	7106	7078	215	-3814	-3814	-3791	Critical Branch	Critical Branch	28	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230622	2330	6706	6677	205	-3413	-3413	-3389	Critical Branch	Critical Branch	29	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230623	0030	6686	6658	205	-259	-259	-232	Critical Branch	Critical Branch	28	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230623	0130	6686	6658	205	-259	-259	-232	Critical Branch	Critical Branch	28	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230623	0230	6686	6658	205	-259	-259	-232	Critical Branch	Critical Branch	28	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230623	0330	7218	7042	205	-1473	-1473	-1300	Critical Branch	Validation phase	176	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230623	0430	7218	7042	205	-1473	-1473	-1300	Critical Branch	Validation phase	176	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230623	0530	7218	7042	205	-1473	-1473	-1300	Critical Branch	Validation phase	176	0	AT	205	Bilateral - Reduction because of the disruption of the line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230623	0630	7218	7042	205	-1473	-1473	-1300	Critical Branch	Validation phase	176	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230623	0730	7272	7238	215	-777	-777	-745	Critical Branch	Critical Branch	34	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230623	0830	7272	7238	215	-777	-777	-745	Critical Branch	Critical Branch	34	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230623	1530	6798	6781	215	-470	-470	-451	Critical Branch	Critical Branch	17	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230623	1630	6798	6781	215	-470	-470	-451	Critical Branch	Critical Branch	17	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230623	1730	6798	6781	215	-470	-470	-451	Critical Branch	Critical Branch	17	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230623	1830	7672	7623	215	-1578	-1578	-1530	Critical Branch	Critical Branch	49	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230623	1930	7672	7623	215	-1578	-1578	-1530	Critical Branch	Critical Branch	49	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230623	2030	7672	7623	215	-1578	-1578	-1530	Critical Branch	Critical Branch	49	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230623	2130	7340	7303	215	-2017	-2017	-1981	Critical Branch	Critical Branch	37	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230623	2230	7340	7303	215	-2017	-2017	-1981	Critical Branch	Critical Branch	37	0	AT	215	Bilateral - Reduction because of the disruption of the line 912
20230623	2330	6940	6902	205	-1639	-1639	-1602	Critical Branch	Critical Branch	38	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230624	0030	7389	7334	205	-271	-271	-218	Critical Branch	Critical Branch	55	0	AT	205	Bilateral - Reduction because of outage of line 912
20230624	0130	7389	7334	205	-271	-271	-218	Critical Branch	Critical Branch	55	0	AT	205	Bilateral - Reduction because of outage of line 912
20230624	0230	7389	7334	205	-271	-271	-218	Critical Branch	Critical Branch	55	0	AT	205	Bilateral - Reduction because of outage of line 912
20230624	0330	6119	6112	205	-4018	-4018	-4010	Critical Branch	Critical Branch	7	0	AT	205	Bilateral - Reduction because of outage of line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230624	0430	6119	6112	205	-4018	-4018	-4010	Critical Branch	Critical Branch	7	0	AT	205	Bilateral - Reduction because of outage of line 912
20230624	0530	6119	6112	205	-4018	-4018	-4010	Critical Branch	Critical Branch	7	0	AT	205	Bilateral - Reduction because of outage of line 912
20230624	0630	6119	6112	205	-4018	-4018	-4010	Critical Branch	Critical Branch	7	0	AT	205	Bilateral - Reduction because of outage of line 912
20230624	0930	6592	6583	215	-1017	-1017	-1008	Critical Branch	Critical Branch	9	0	AT	215	Bilateral - Reduction because of outage of line 912
20230624	1030	6592	6583	215	-1017	-1017	-1008	Critical Branch	Critical Branch	9	0	AT	215	Bilateral - Reduction because of outage of line 912
20230624	1130	6592	6583	215	-1017	-1017	-1008	Critical Branch	Critical Branch	9	0	AT	215	Bilateral - Reduction because of outage of line 912
20230624	1230	6549	6520	215	-520	-520	-491	Critical Branch	Validation phase	29	0	AT	215	Bilateral - Reduction because of outage of line 912
20230624	1330	6549	6520	215	-520	-520	-491	Critical Branch	Validation phase	29	0	AT	215	Bilateral - Reduction because of outage of line 912
20230624	1430	6549	6520	215	-520	-520	-491	Critical Branch	Validation phase	29	0	AT	215	Bilateral - Reduction because of outage of line 912
20230624	1830	6903	6882	215	-3438	-3438	-3420	Critical Branch	Critical Branch	21	0	AT	215	Bilateral - Reduction because of outage of line 912
20230624	1930	6903	6882	215	-3438	-3438	-3420	Critical Branch	Critical Branch	21	0	AT	215	Bilateral - Reduction because of outage of line 912
20230624	2030	6903	6882	215	-3438	-3438	-3420	Critical Branch	Critical Branch	21	0	AT	215	Bilateral - Reduction because of outage of line 912
20230625	0330	6159	6151	205	-5167	-5167	-5158	Critical Branch	Critical Branch	8	0	AT	205	Bilateral - Reduction because of outage of line 912
20230625	0430	6159	6151	205	-5167	-5167	-5158	Critical Branch	Critical Branch	8	0	AT	205	Bilateral - Reduction because of outage of line 912
20230625	0530	6159	6151	205	-5167	-5167	-5158	Critical Branch	Critical Branch	8	0	AT	205	Bilateral - Reduction because of outage of line 912
20230625	0630	6159	6151	205	-5167	-5167	-5158	Critical Branch	Critical Branch	8	0	AT	205	Bilateral - Reduction because of outage of line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230625	1230	6354	6148	205	-230	-230	-24	Critical Branch	Validation phase	206	0	AT	205	Bilateral - Reduction because of outage of line 912
20230625	1330	6354	6148	205	-230	-230	-24	Critical Branch	Validation phase	206	0	AT	205	Bilateral - Reduction because of outage of line 912
20230625	1430	6354	6148	205	-230	-230	-24	Critical Branch	Validation phase	206	0	AT	205	Bilateral - Reduction because of outage of line 912
20230625	1630	7996	7919	205	-546	-546	-457	Critical Branch	Critical Branch	77	0	AT	205	Bilateral - Reduction because of outage of line 912
20230625	1730	7996	7919	205	-546	-546	-457	Critical Branch	Critical Branch	77	0	AT	205	Bilateral - Reduction because of outage of line 912
20230625	1830	7928	7853	205	-4678	-4678	-4612	Critical Branch	Critical Branch	75	0	AT	205	Bilateral - Reduction because of outage of line 912
20230625	1930	7928	7853	205	-4678	-4678	-4612	Critical Branch	Critical Branch	75	0	AT	205	Bilateral - Reduction because of outage of line 912
20230625	2030	7928	7853	205	-4678	-4678	-4612	Critical Branch	Critical Branch	75	0	AT	205	Bilateral - Reduction because of outage of line 912
20230625	2130	7657	7592	205	-3756	-3756	-3701	Critical Branch	Critical Branch	65	0	AT	205	Bilateral - Reduction because of outage of line 912
20230625	2230	7657	7592	205	-3756	-3756	-3701	Critical Branch	Critical Branch	65	0	AT	205	Bilateral - Reduction because of outage of line 912
20230625	2330	7657	7592	205	-3756	-3756	-3701	Critical Branch	Critical Branch	65	0	AT	205	Bilateral - Reduction because of outage of line 912
20230626	0030	7327	6357	205	-2375	-2375	-1406	Critical Branch	Validation phase	970	0	AT	205	Bilateral - Reduction due to outage of line 912
20230626	0130	7327	6357	205	-2375	-2375	-1406	Critical Branch	Validation phase	970	0	AT	205	Bilateral - Reduction due to outage of line 912
20230626	0230	7327	6357	205	-2375	-2375	-1406	Critical Branch	Validation phase	970	0	AT	205	Bilateral - Reduction due to outage of line 912
20230626	0330	7439	6322	205	-1313	-1313	-194	Critical Branch	Validation phase	1117	0	AT	205	Bilateral - Reduction due to outage of line 912
20230626	0430	7439	6322	205	-1313	-1313	-194	Critical Branch	Validation phase	1117	0	AT	205	Bilateral - Reduction due to outage of line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230626	0530	7439	6322	205	-1313	-1313	-194	Critical Branch	Validation phase	1117	0	AT	205	Bilateral - Reduction due to outage of line 912
20230626	0630	7439	6322	205	-1313	-1313	-194	Critical Branch	Validation phase	1117	0	AT	205	Bilateral - Reduction due to outage of line 912
20230626	1230	6637	5310	215	-1522	-1522	-195	Critical Branch	Validation phase	1327	0	AT	215	Bilateral - Reduction due to outage of line 912
20230626	1330	6637	5310	215	-1522	-1522	-195	Critical Branch	Validation phase	1327	0	AT	215	Bilateral - Reduction due to outage of line 912
20230626	1430	6637	5310	215	-1522	-1522	-195	Critical Branch	Validation phase	1327	0	AT	215	Bilateral - Reduction due to outage of line 912
20230627	0030	7710	6469	205	-1422	-1422	-179	Critical Branch	Validation phase	1241	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230627	0130	7710	6469	205	-1422	-1422	-179	Critical Branch	Validation phase	1241	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230627	0230	7710	6469	205	-1422	-1422	-179	Critical Branch	Validation phase	1241	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230627	0730	7846	6217	215	-1733	-1733	-104	Critical Branch	Validation phase	1629	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230627	0830	7846	6217	215	-1733	-1733	-104	Critical Branch	Validation phase	1629	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230627	0930	6912	5237	215	-2553	-2553	-878	Critical Branch	Validation phase	1675	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230627	1030	6912	5237	215	-2553	-2553	-878	Critical Branch	Validation phase	1675	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230627	1130	6912	5237	215	-2553	-2553	-878	Critical Branch	Validation phase	1675	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230627	1230	6670	5231	215	-2388	-2388	-949	Critical Branch	Validation phase	1439	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230627	1330	6670	5231	215	-2388	-2388	-949	Critical Branch	Validation phase	1439	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230627	1430	6670	5231	215	-2388	-2388	-949	Critical Branch	Validation phase	1439	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230627	1530	6563	5247	215	-1369	-1369	-53	Critical Branch	Validation phase	1316	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230627	1630	6563	5247	215	-1369	-1369	-53	Critical Branch	Validation phase	1316	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230627	1730	6563	5247	215	-1369	-1369	-53	Critical Branch	Validation phase	1316	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230627	1830	7329	6484	215	-1433	-1433	-588	Critical Branch	Validation phase	845	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230627	1930	7329	6484	215	-1433	-1433	-588	Critical Branch	Validation phase	845	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230627	2030	7329	6484	215	-1433	-1433	-588	Critical Branch	Validation phase	845	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230628	0930	6902	5202	215	-2001	-2001	-301	Critical Branch	Validation phase	1700	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230628	1030	6902	5202	215	-2001	-2001	-301	Critical Branch	Validation phase	1700	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230628	1130	6902	5202	215	-2001	-2001	-301	Critical Branch	Validation phase	1700	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230628	1230	6586	5052	215	-2489	-2489	-955	Critical Branch	Validation phase	1534	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230628	1330	6586	5052	215	-2489	-2489	-955	Critical Branch	Validation phase	1534	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230628	1430	6586	5052	215	-2489	-2489	-955	Critical Branch	Validation phase	1534	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230628	1530	6878	5217	215	-1852	-1852	-191	Critical Branch	Validation phase	1661	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230628	1630	6878	5217	215	-1852	-1852	-191	Critical Branch	Validation phase	1661	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230628	1730	6878	5217	215	-1852	-1852	-191	Critical Branch	Validation phase	1661	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230628	1830	7485	5788	215	-2031	-2031	-334	Critical Branch	Validation phase	1697	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230628	1930	7485	5788	215	-2031	-2031	-334	Critical Branch	Validation phase	1697	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230628	2030	7485	5788	215	-2031	-2031	-334	Critical Branch	Validation phase	1697	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230629	0030	7056	6660	205	-963	-963	-564	Critical Branch	Validation phase	396	0	AT	205	Bilateral - Reduction due to out of order line 912
20230629	0130	7056	6660	205	-963	-963	-564	Critical Branch	Validation phase	396	0	AT	205	Bilateral - Reduction due to out of order line 912
20230629	0230	7056	6660	205	-963	-963	-564	Critical Branch	Validation phase	396	0	AT	205	Bilateral - Reduction due to out of order line 912
20230629	0330	7187	6807	205	-4201	-4201	-3826	Critical Branch	Validation phase	380	0	AT	205	Bilateral - Reduction due to out of order line 912
20230629	0430	7187	6807	205	-4201	-4201	-3826	Critical Branch	Validation phase	380	0	AT	205	Bilateral - Reduction due to out of order line 912
20230629	0530	7187	6807	205	-4201	-4201	-3826	Critical Branch	Validation phase	380	0	AT	205	Bilateral - Reduction due to out of order line 912
20230629	0630	7187	6807	205	-4201	-4201	-3826	Critical Branch	Validation phase	380	0	AT	205	Bilateral - Reduction due to out of order line 912
20230629	0730	6888	6868	215	-1344	-1344	-1324	Critical Branch	Critical Branch	20	0	AT	215	Bilateral - Reduction due to out of order line 912
20230629	1230	6306	5764	215	-1520	-1520	-978	Critical Branch	Validation phase	542	0	AT	215	Bilateral - Reduction due to out of order line 912
20230629	1330	6306	5764	215	-1520	-1520	-978	Critical Branch	Validation phase	542	0	AT	215	Bilateral - Reduction due to out of order line 912
20230629	1430	6306	5764	215	-1520	-1520	-978	Critical Branch	Validation phase	542	0	AT	215	Bilateral - Reduction due to out of order line 912
20230629	1530	6656	6644	215	-648	-648	-635	Critical Branch	Critical Branch	12	0	AT	215	Bilateral - Reduction due to out of order line 912
20230629	1630	6656	6644	215	-648	-648	-635	Critical Branch	Critical Branch	12	0	AT	215	Bilateral - Reduction due to out of order line 912
20230629	1730	6656	6644	215	-648	-648	-635	Critical Branch	Critical Branch	12	0	AT	215	Bilateral - Reduction due to out of order line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230629	1830	6917	6896	215	-850	-850	-829	Critical Branch	Critical Branch	21	0	AT	215	Bilateral - Reduction due to out of order line 912
20230629	1930	6917	6896	215	-850	-850	-829	Critical Branch	Critical Branch	21	0	AT	215	Bilateral - Reduction due to out of order line 912
20230629	2030	6917	6896	215	-850	-850	-829	Critical Branch	Critical Branch	21	0	AT	215	Bilateral - Reduction due to out of order line 912
20230629	2130	7823	7136	215	-1742	-1742	-1057	Critical Branch	Validation phase	687	0	AT	215	Bilateral - Reduction due to out of order line 912
20230629	2230	7823	7136	215	-1742	-1742	-1057	Critical Branch	Validation phase	687	0	AT	215	Bilateral - Reduction due to out of order line 912
20230629	2330	7423	6735	205	-1368	-1368	-682	Critical Branch	Validation phase	688	0	AT	205	Bilateral - Reduction due to out of order line 912
20230630	0030	7883	6963	205	-4452	-4452	-3539	Critical Branch	Validation phase	920	0	AT	205	Bilateral - Reduction because of outage of line 912
20230630	0130	7883	6963	205	-4452	-4452	-3539	Critical Branch	Validation phase	920	0	AT	205	Bilateral - Reduction because of outage of line 912
20230630	0230	7883	6963	205	-4452	-4452	-3539	Critical Branch	Validation phase	920	0	AT	205	Bilateral - Reduction because of outage of line 912
20230630	0330	7238	6900	205	-706	-706	-362	Critical Branch	Validation phase	338	0	AT	205	Bilateral - Reduction because of outage of line 912
20230630	0430	7238	6900	205	-706	-706	-362	Critical Branch	Validation phase	338	0	AT	205	Bilateral - Reduction because of outage of line 912
20230630	0530	7238	6900	205	-706	-706	-362	Critical Branch	Validation phase	338	0	AT	205	Bilateral - Reduction because of outage of line 912
20230630	0630	7238	6900	205	-706	-706	-362	Critical Branch	Validation phase	338	0	AT	205	Bilateral - Reduction because of outage of line 912
20230630	0730	7358	7217	215	-1307	-1307	-1167	Critical Branch	Validation phase	141	0	AT	215	Bilateral - Reduction because of outage of line 912
20230630	1230	6174	6162	215	-700	-700	-688	Critical Branch	Validation phase	12	0	AT	215	Bilateral - Reduction because of outage of line 912
20230630	1330	6174	6162	215	-700	-700	-688	Critical Branch	Validation phase	12	0	AT	215	Bilateral - Reduction because of outage of line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230630	1430	6174	6162	215	-700	-700	-688	Critical Branch	Validation phase	12	0	AT	215	Bilateral - Reduction because of outage of line 912
20230630	1530	6721	6599	215	-341	-341	-218	Critical Branch	Validation phase	122	0	AT	215	Bilateral - Reduction because of outage of line 912
20230630	1630	6721	6599	215	-341	-341	-218	Critical Branch	Validation phase	122	0	AT	215	Bilateral - Reduction because of outage of line 912
20230630	1730	8086	6749	215	-1656	-1656	-313	Critical Branch	Validation phase	1337	0	AT	215	Bilateral - Reduction because of outage of line 912
20230630	1830	7705	7640	215				Scheduled TTC	Scheduled TTC	65	0	AT	215	Bilateral - Reduction because of outage of line 912
20230630	1930	7705	7640	215				Scheduled TTC	Scheduled TTC	65	0	AT	215	Bilateral - Reduction because of outage of line 912
20230630	2030	7705	7640	215				Scheduled TTC	Scheduled TTC	65	0	AT	215	Bilateral - Reduction because of outage of line 912
20230630	2130	7705	7640	215				Scheduled TTC	Scheduled TTC	65	0	AT	215	Bilateral - Reduction because of outage of line 912
20230630	2230	7705	7640	215				Scheduled TTC	Scheduled TTC	65	0	AT	215	Bilateral - Reduction because of outage of line 912
20230630	2330	7300	7240	205				Scheduled TTC	Scheduled TTC	60	0	AT	205	Bilateral - Reduction because of outage of line 912

4.2.2. Reduction on TTC and on 70% requirement

In this section the TSs with TTC reduction and reduction of capacity compared to 70% minMargin as presented in section 2.2. In the tables presented, the validation performed by the TSOs is divided between:

- Global validation: when the TSOs send a red flag that is limiting the total exchange of the region
- Bilateral validation: when the TSOs send a red flag that is only limiting their border with Italy

Table 8: D2 TS with bilateral TTC reduction during the validation process for April

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230415	2330	6894	6508	2343	403	304	666	Minimum Margin	Minimum Margin	386	567	FR	2343	Bilateral - N-2 ALBERTVILLE GRANDE ILE 1 et 2 / ALBERTVILLE GRANDE ILE 3
20230416	0030	8265	8257	225	1639	0	1641	Critical Branch	Critical Branch	8	2	AT	225	Bilateral - Reduction because of outage 912 (Greuth Tarvisio)
20230416	0130	8265	8257	225	1639	0	1641	Critical Branch	Critical Branch	8	2	AT	225	Bilateral - Reduction because of outage 912 (Greuth Tarvisio)
20230416	0230	8265	8257	225	1639	0	1641	Critical Branch	Critical Branch	8	2	AT	225	Bilateral - Reduction because of outage 912 (Greuth Tarvisio)
TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230415	2330	6894	6508	2343	403	304	666	Minimum Margin	Minimum Margin	386	567	FR	2343	Bilateral - N-2 ALBERTVILLE GRANDE ILE 1 et 2 / ALBERTVILLE GRANDE ILE 3

20230416	0030	8265	8257	225	1639	0	1641	Critical Branch	Critical Branch	8	2	AT	225	Bilateral - Reduction because of outage 912 (Greuth-Tarvisio)
20230416	0130	8265	8257	225	1639	0	1641	Critical Branch	Critical Branch	8	2	AT	225	Bilateral - Reduction because of outage 912 (Greuth-Tarvisio)
20230416	0230	8265	8257	225	1639	0	1641	Critical Branch	Critical Branch	8	2	AT	225	Bilateral - Reduction because of outage 912 (Greuth-Tarvisio)

Table 9: D2 TS with global TTC reduction during the validation process for May

		TTC		ANTC		LimitedBy		Validation					
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230502	1530	5389	5138	2141	440	1952	Minimum Margin	Validation phase	251	251	FR	4883	Process fail during TSO validation phase
20230502	1630	5389	5138	2141	440	1952	Minimum Margin	Validation phase	251	251	FR	4883	Process fail during TSO validation phase
20230502	1730	5389	5192	2141	440	1898	Minimum Margin	Validation phase	197	197	FR	4937	N-2 Albertville-Rondissone / [IT-FR] Camporosso-Menton [OPP] [FR]
20230506	2130	6857	5868	-905	-905	84	Critical Branch	Validation phase	989	84	CH	5613	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO
20230506	2230	6857	5868	-905	-905	84	Critical Branch	Validation phase	989	84	CH	5613	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO
20230506	2330	6257	5268	-274	-274	715	Critical Branch	Validation phase	989	715	CH	5018	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO
20230526	0330	7007	5903	-832	-832	272	Critical Branch	Validation phase	1104	272	CH	5713	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230526	0430	7007	5903	-832	-832	272	Critical Branch	Validation phase	1104	272	CH	5713	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC		LimitedBy		Validation						
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason	
20230526	0530	7007	5903	-832	-832	272	Critical Branch	Validation phase	1104	272	CH	5713	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia	
20230526	0630	6242	5138	135	135	1104	Minimum Margin	Validation phase	1104	1104	CH	4948	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia	

Table 10: D2 TS with bilateral TTC reduction during the validation process for May

		TTC		ANTC		LimitedBy		Validation						
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230510	1830	7498	6100	2300	-1217	-1217	148	Critical Branch	Validation phase	1398	148	FR	2300	Bilateral - Outage Chaffard-Grande Ile 1
20230510	1930	7498	6100	2300	-1217	-1217	148	Critical Branch	Validation phase	1398	148	FR	2300	Bilateral - Outage Chaffard-Grande Ile 1
20230510	2030	7498	6100	2300	-1217	-1217	148	Critical Branch	Validation phase	1398	148	FR	2300	Bilateral - Outage Chaffard-Grande Ile 1
20230519	2130	6843	6263	215	-573	-573	7	Critical Branch	Validation phase	580	7	AT	215	Bilateral - Reduction because out of line 912
20230519	2230	6843	6263	215	-573	-573	7	Critical Branch	Validation phase	580	7	AT	215	Bilateral - Reduction because out of line 912
20230519	2330	6274	5694	205	31	31	580	Minimum Margin	Validation phase	580	580	AT	205	Bilateral - Reduction because out of line 912
20230520	0630	5987	5153	205	-121	-121	713	Critical Branch	Validation phase	834	713	AT	205	Bilateral - Reduction because out of line 912
20230521	1530	6362	5862	205	-422	-422	78	Critical Branch	Validation phase	500	78	AT	205	Bilateral - Reduction because out of line 912

20230521	1630	6362	5862	205	-422	-422	78	Critical Branch	Validation phase	500	78	AT	205	Bilateral - Reduction because out of line 912
20230521	1730	6362	5862	205	-422	-422	78	Critical Branch	Validation phase	500	78	AT	205	Bilateral - Reduction because out of line 912
20230531	0030	7580	6643	205	-816	-816	119	Critical Branch	Validation phase	937	119	AT	205	Bilateral - Reduction due to outage of line 912
20230531	0130	7580	6643	205	-816	-816	119	Critical Branch	Validation phase	937	119	AT	205	Bilateral - Reduction due to outage of line 912
20230531	0230	7580	6643	205	-816	-816	119	Critical Branch	Validation phase	937	119	AT	205	Bilateral - Reduction due to outage of line 912

Table 11:D2 TS with bilateral TTC reduction during the validation process for June

		TTC			ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230608	1530	6735	5379	215	-1003	-1003	353	Critical Branch	Validation phase	1356	353	AT	215	Bilateral - Reduction because outage line greuth
20230608	1630	6735	5379	215	-1003	-1003	353	Critical Branch	Validation phase	1356	353	AT	215	Bilateral - Reduction because outage line greuth
20230608	1730	6735	5379	215	-1003	-1003	353	Critical Branch	Validation phase	1356	353	AT	215	Bilateral - Reduction because outage line greuth
20230614	0730	6356	6300	215	949	498	540	Minimum Margin	Minimum Margin	56	89	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230616	2130	7769	7153	215	550	542	626	Minimum Margin	Validation phase	616	618	AT	215	Bilateral - Reduction because NTC over thermal limit on border

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230616	2230	7769	7153	215	550	542	626	Minimum Margin	Validation phase	616	618	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230616	2330	7367	6936	205	930	540	824	Minimum Margin	Validation phase	431	434	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230624	0730	6847	6828	215	389	271	137	Minimum Margin	Minimum Margin	19	19	AT	215	Bilateral - Reduction because of outage of line 912
20230624	0830	6847	6828	215	389	271	137	Minimum Margin	Minimum Margin	19	19	AT	215	Bilateral - Reduction because of outage of line 912
20230624	1530	7355	7179	215	-121	-121	55	Critical Branch	Validation phase	176	55	AT	215	Bilateral - Reduction because of outage of line 912
20230624	1630	7355	7179	215	-121	-121	55	Critical Branch	Validation phase	176	55	AT	215	Bilateral - Reduction because of outage of line 912
20230624	1730	7355	7179	215	-121	-121	55	Critical Branch	Validation phase	176	55	AT	215	Bilateral - Reduction because of outage of line 912
20230626	0730	7220	5894	215	-511	-511	815	Critical Branch	Validation phase	1326	815	AT	215	Bilateral - Reduction due to outage of line 912
20230626	0830	7220	5894	215	-511	-511	815	Critical Branch	Validation phase	1326	815	AT	215	Bilateral - Reduction due to outage of line 912
20230626	0930	7035	5639	215	-699	-699	697	Critical Branch	Validation phase	1396	697	AT	215	Bilateral - Reduction due to outage of line 912
20230626	1030	7035	5639	215	-699	-699	697	Critical Branch	Validation phase	1396	697	AT	215	Bilateral - Reduction due to outage of line 912
20230626	1130	7035	5639	215	-699	-699	697	Critical Branch	Validation phase	1396	697	AT	215	Bilateral - Reduction due to outage of line 912
20230626	1530	6986	5609	215	-899	-899	478	Critical Branch	Validation phase	1377	478	AT	215	Bilateral - Reduction due to outage of line 912
20230626	1630	6986	5609	215	-899	-899	478	Critical Branch	Validation phase	1377	478	AT	215	Bilateral - Reduction due to outage of line 912
20230626	1730	6986	5609	215	-899	-899	478	Critical Branch	Validation phase	1377	478	AT	215	Bilateral - Reduction due to outage of line 912
20230626	1830	7325	5939	215	-675	-675	711	Critical Branch	Validation phase	1386	711	AT	215	Bilateral - Reduction due to outage of line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230626	1930	7325	5939	215	-675	-675	711	Critical Branch	Validation phase	1386	711	AT	215	Bilateral - Reduction due to outage of line 912
20230626	2030	7325	5939	215	-675	-675	711	Critical Branch	Validation phase	1386	711	AT	215	Bilateral - Reduction due to outage of line 912
20230626	2130	7091	5677	215	-853	-853	561	Critical Branch	Validation phase	1414	561	AT	215	Bilateral - Reduction due to outage of line 912
20230626	2230	7091	5677	215	-853	-853	561	Critical Branch	Validation phase	1414	561	AT	215	Bilateral - Reduction due to outage of line 912
20230626	2330	6691	5277	205	-476	-476	938	Critical Branch	Validation phase	1414	938	AT	205	Bilateral - Reduction due to outage of line 912
20230627	0330	7456	6566	205	-878	-878	3	Critical Branch	Validation phase	890	3	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230627	0430	7456	6566	205	-878	-878	3	Critical Branch	Validation phase	890	3	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230627	0530	7456	6566	205	-878	-878	3	Critical Branch	Validation phase	890	3	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230627	0630	7456	6566	205	-878	-878	3	Critical Branch	Validation phase	890	3	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230627	2130	7658	5748	215	-1323	-1323	587	Critical Branch	Validation phase	1910	587	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230627	2230	7658	5748	215	-1323	-1323	587	Critical Branch	Validation phase	1910	587	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230627	2330	7658	5748	205	-1350	-1350	560	Critical Branch	Validation phase	1910	560	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230628	0030	7704	6133	205	-1202	-1202	370	Critical Branch	Validation phase	1571	370	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230628	0130	7704	6133	205	-1202	-1202	370	Critical Branch	Validation phase	1571	370	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230628	0230	7704	6133	205	-1202	-1202	370	Critical Branch	Validation phase	1571	370	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230628	0330	7577	6358	205	-1102	-1102	118	Critical Branch	Validation phase	1219	118	AT	205	Bilateral - Reduction because NTC over thermal limit on border

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230628	0430	7577	6358	205	-1102	-1102	118	Critical Branch	Validation phase	1219	118	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230628	0530	7577	6358	205	-1102	-1102	118	Critical Branch	Validation phase	1219	118	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230628	0730	6479	4617	215	-1374	-1374	488	Critical Branch	Validation phase	1862	488	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230628	0830	6479	4617	215	-1374	-1374	488	Critical Branch	Validation phase	1862	488	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230628	2130	7774	5736	215	-1701	-1701	337	Critical Branch	Validation phase	2038	337	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230628	2230	7774	5736	215	-1701	-1701	337	Critical Branch	Validation phase	2038	337	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230628	2330	7374	5336	205	-1326	-1326	712	Critical Branch	Validation phase	2038	712	AT	205	Bilateral - Reduction because NTC over thermal limit on border

4.3. Deviation from coordinated actions

Not applicable for Italy North region

4.4. Assessment of the incidences

On this section an analysis of the reduction issues is assessed for each of the cases:

1. Reduction due to costly remedial actions during the adjustment process
2. Reduction due to the red flags sent by the TSOs

4.4.1. Assessment of 70% reduction

This chapter presents an overview of the capacity required for adjustment on the TS that suffered the reduction and could not fulfil the required adjustment of the 70% minMargin.

Error! Reference source not found. presents the distribution of required capacity to be adjusted per month. Moreover, the average of feasible capacity for the adjustment on that month is represented. **Error! Reference source not found.**, presents the average % of reduction per month together with the amount of TS with reduction.

Figure 4: D2 Distribution of required capacity for adjustment vs average of feasible capacity

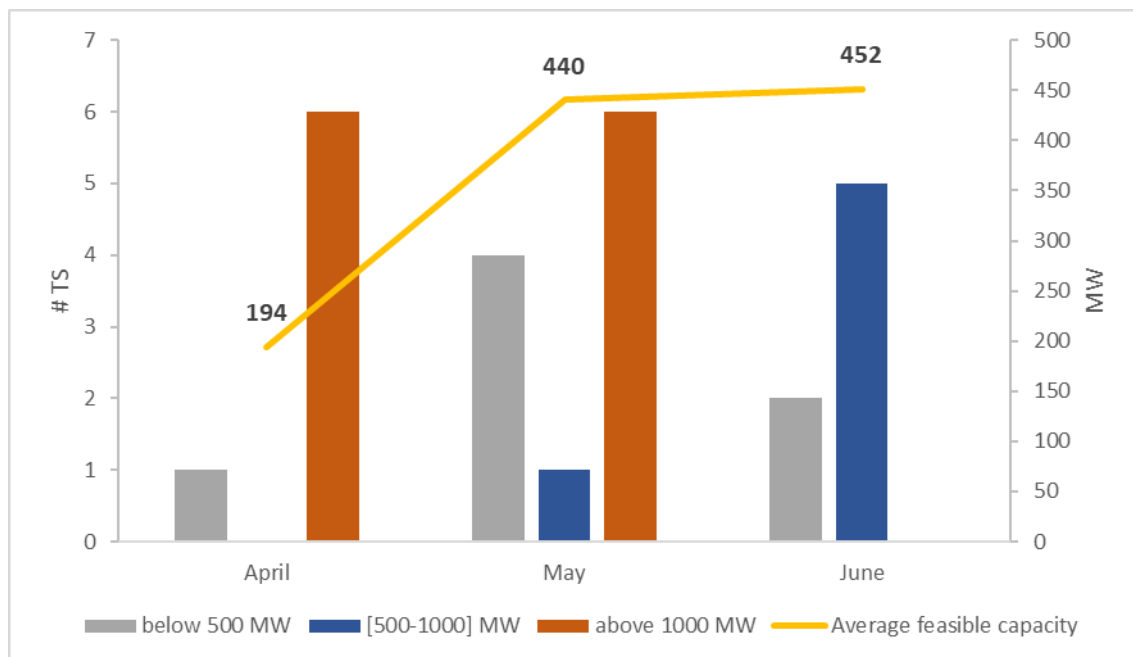
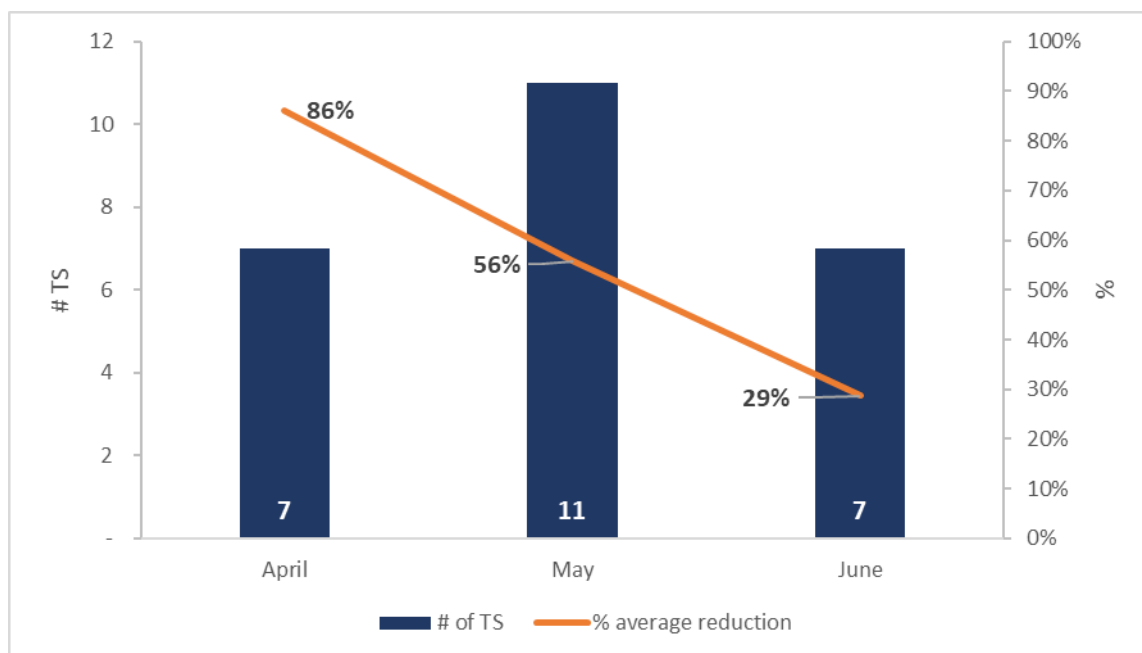


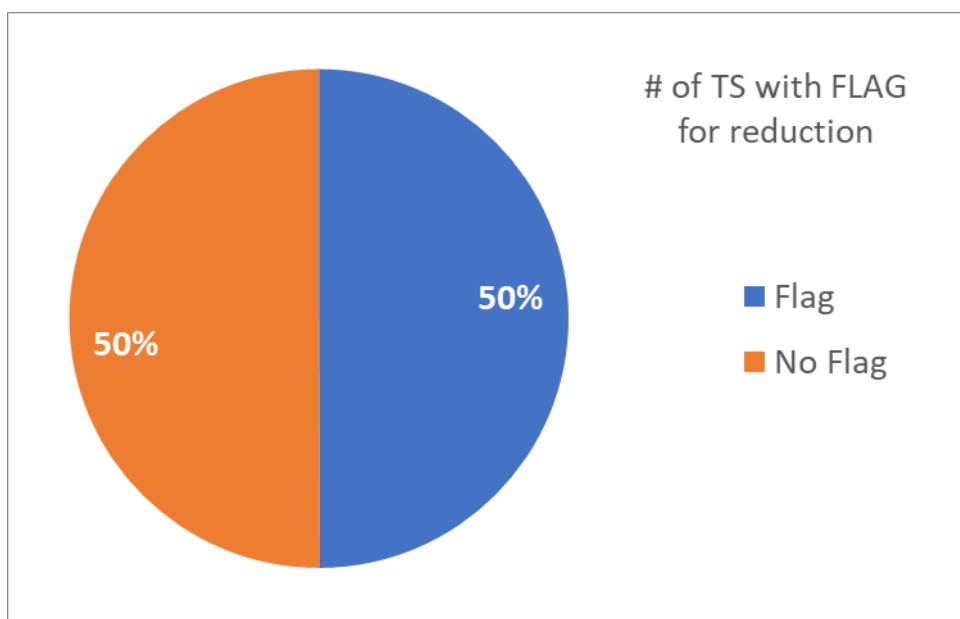
Figure 5: D2 # TS with reduction per month vs the average % of reduction on that month



4.4.2. Assessment of red flags sent by TSOs

This chapter presents an analysis of the reduction red flags sent by the TSOs. The following figure presents the distribution of TSs with and without flag during the period of analysis.

Figure 6: D2 share of TS with and without flag

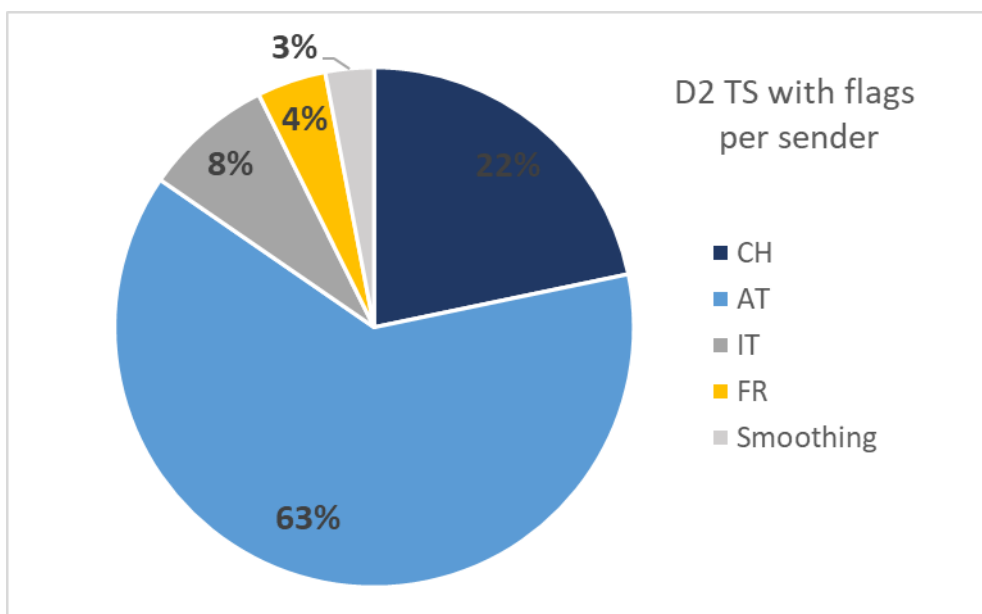


In D2, the validation process during Q2 was limited by five types of flag's provider:

- Flags sent by Swissgrid
- Flags sent by APG
- Flags sent by TERNAL
- Flags sent by RTE
- Smoothing process: this validation is part of the NTC Calculation methodology. This process can cause a possible reduction of the adjusted capacity since the difference of capacity between the hours of the day should not be higher than 1500MW.

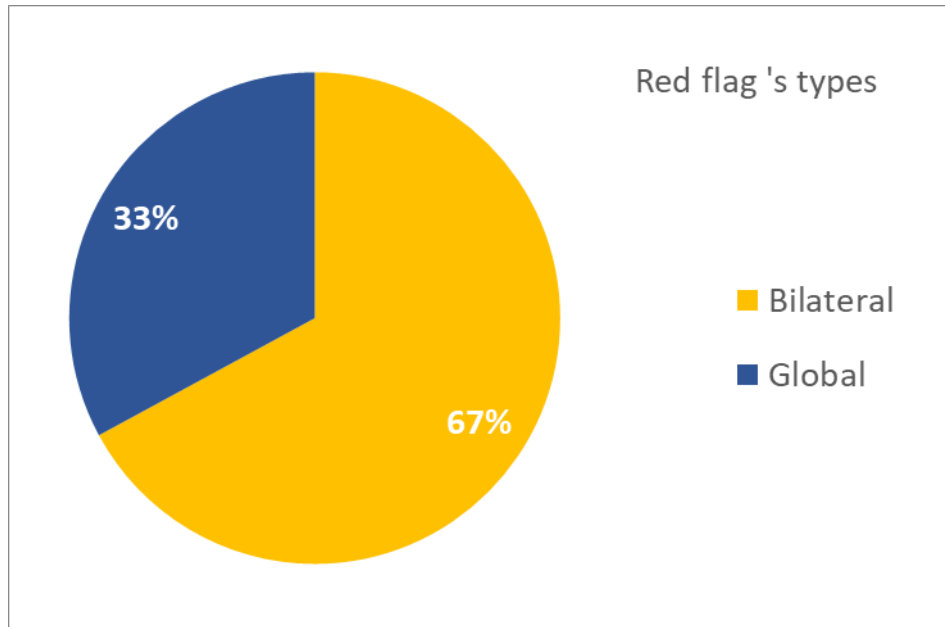
The following picture presents the share of each type of flag during the quarter. It can be seen that the TSO with the highest share of reduction is APG.

Figure 7: D2 share of TS with flags classified by sender



The type of flags has also been classified depending on if they were global or bilateral:

Figure 8: D2 Share of global and bilateral flags



Moreover, the following classification of flags has been done based on the reason provided by the TSOs:

- Overload
- Missing CNEC in Capacity Calculation
- Fault
- Process Fail
- Other

The pictures below, present the type of flags sent by each TSO

Figure 9: D2 type of flags sent by Swissgrid

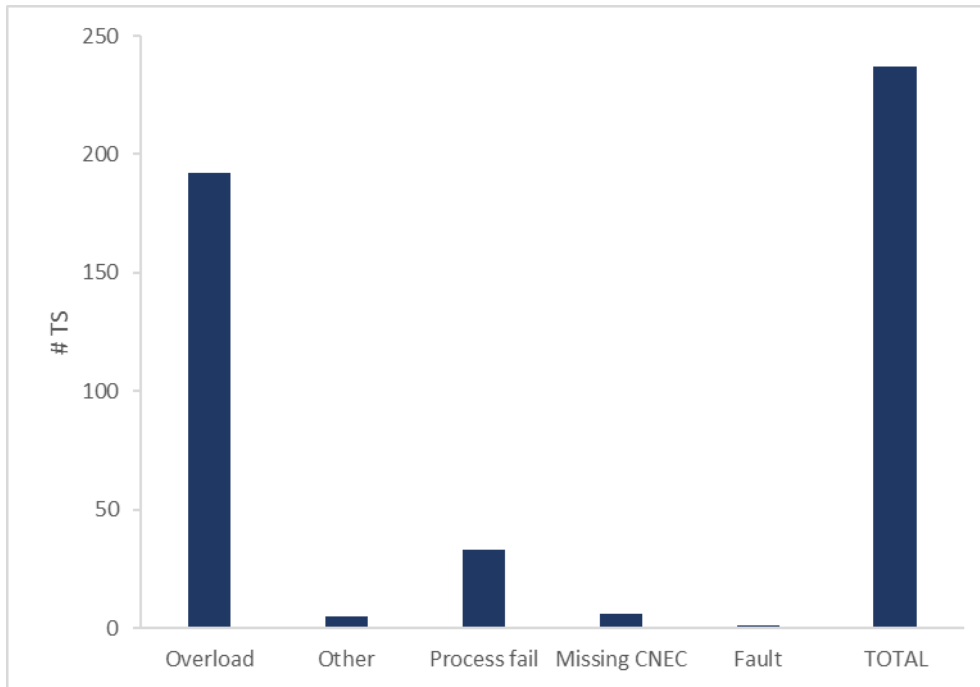


Figure 10: D2 type of flags sent by APG

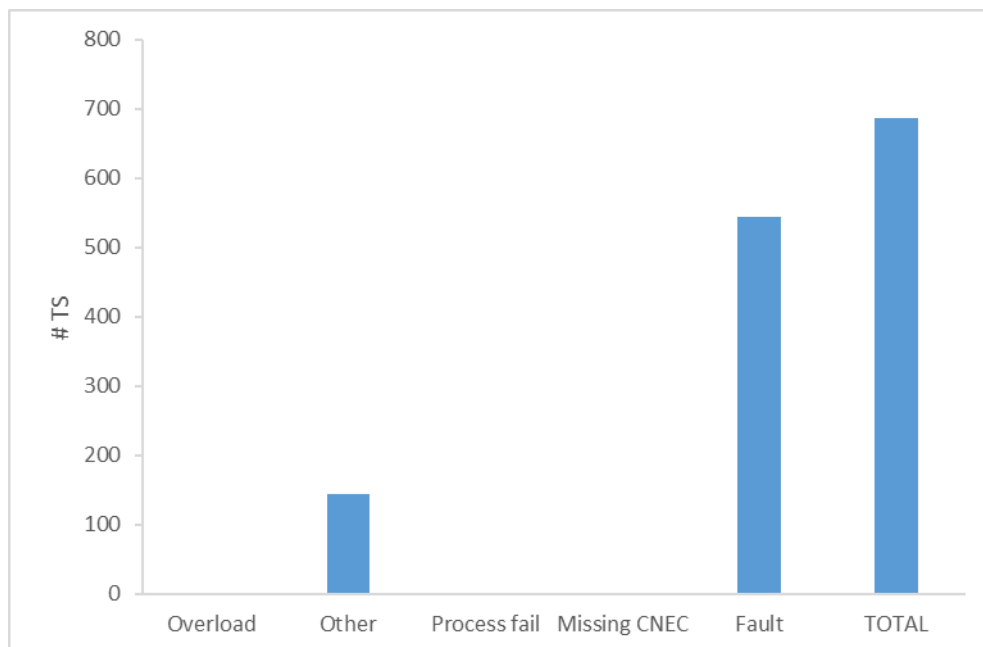


Figure 11: D2 type of flags sent by Terna

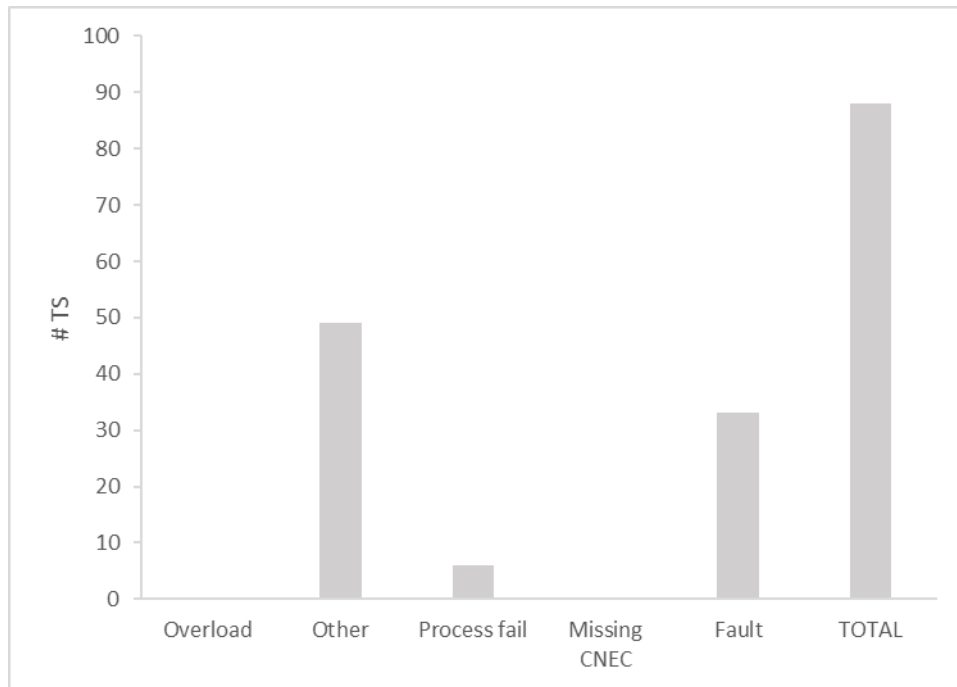
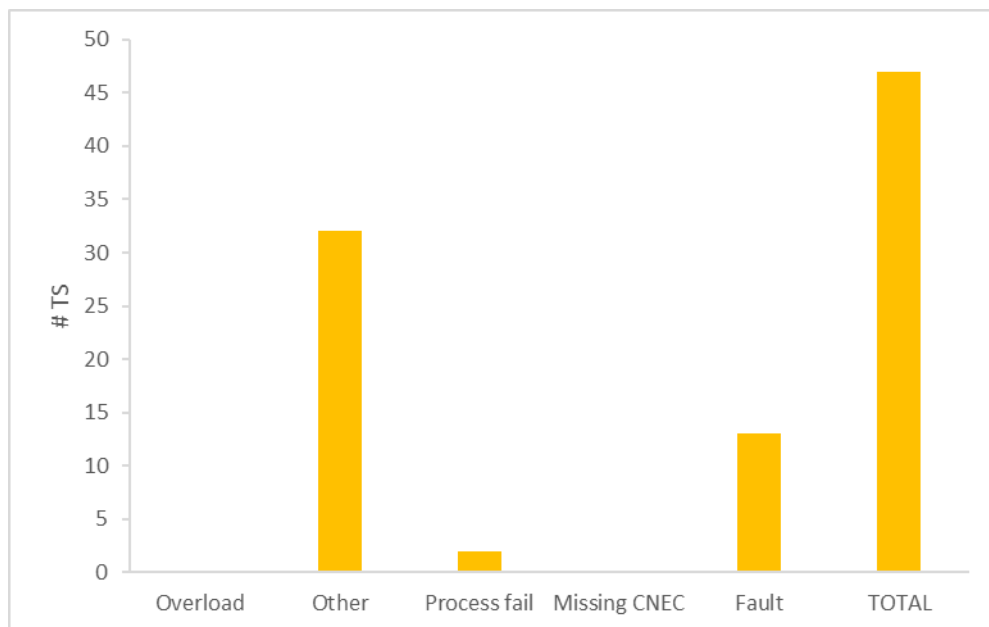


Figure 12: D2 type of flags sent by RTE



Finally, the Overload reasons have been analysed and the following lines and outages are the ones that have been limiting the capacity during the Q2.

Table 12: D2 list of Critical Branches reported on FLAGS

CB name
380kV Bulciago - Soazza
380kV Filisur - Sils
220kV Riddes - Valpelline
380kV Lavorgo - Musignano
380kV Sils - Soazza
380kV Fiorano - Robbia
380kV Filisur - Robbia

Table 13: D2 list of Critical Outages reported on FLAGS

CO name
N-2 Pradella-Robbia + Filisur-Robbia
N-1 PRADELLA-ROBBIA
N-2 ALBERTVILLE-RONDISSONE
N-2 Pradella-Sils + Filisur-Robbia
N-2 Robbia-Gorlago + Robbia-S.Fiorano
N-1 LAVORGIO-MUSIGNANO
N-2 Divaca-Redipuglia + Divaca-Padriciano
380KV SILS-SOAZZA
380KV GORLAGO-ROBBIA
N-2 Robbia-Gorlago + Piancamuno-S.Fiorano

4.5 Recommendations

Not applicable for Italy North region

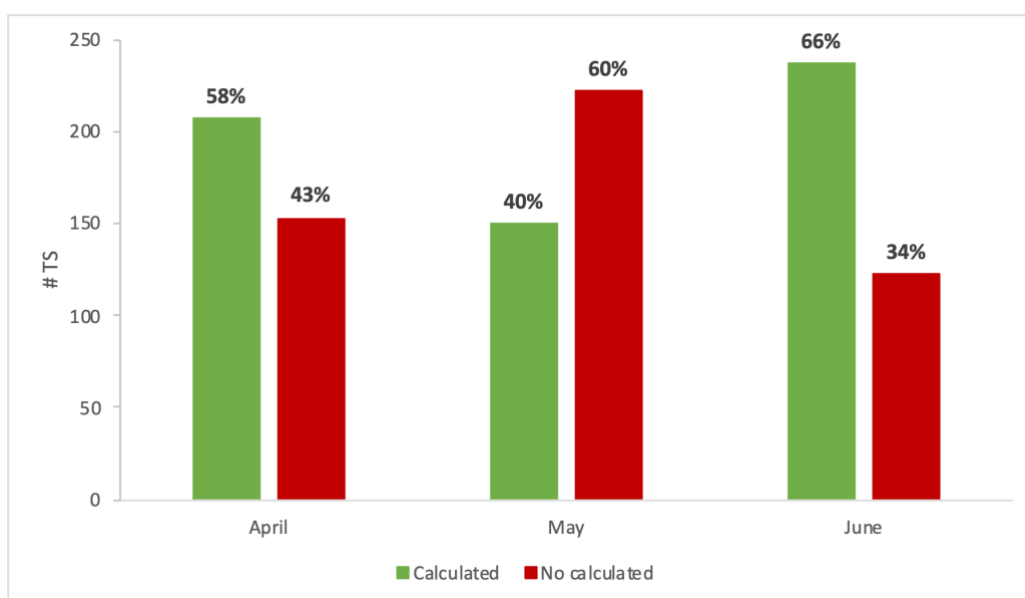
5. ID information

5.1. Reduction of capacity after 70% adjustment

In this section, we report on the TSs within the ID process where reduction of capacity after the 70% minMargin adjustment occurred.

The following figure presents, per month, a summary of the TSs that successfully performed in Q2 the TTC calculation process. Please note that only on these calculated TSs, the adjustment process could be performed.

Figure 13: ID TTC Calculation results

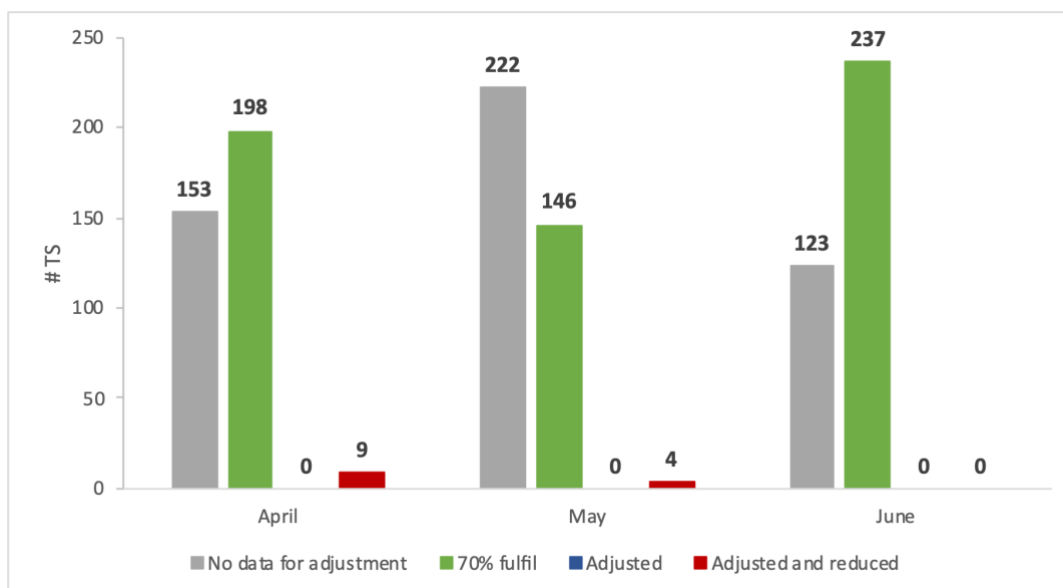


The following figure presents the different TSs for the ID process classified as described in the D2 cases in sub-section 4.1. In the case of ID process, the 70% minMargin compliant timestamps consist of two different cases:

1. Timestamps in which the capacity was already fulfilled in D2 process.¹
2. Timestamps in which the capacity was not fulfilled in D2 process but during the ID process the grid was 70% minMargin compliant.

¹ For the 2023 Q2 report it was not feasible to make the distinction between the TS compliant in D2 process and the ones not compliant. These details will be considered for the future reports.

Figure 14: ID summary of status of TSs during adjustment process



From the above figure, in the month of April and May, we recorded 9 and 4 cases of reduction of capacity respectively after the 70% minMargin adjustment occurred for the IDCC process in Q2 2023. More details are presented in Table 14 below.

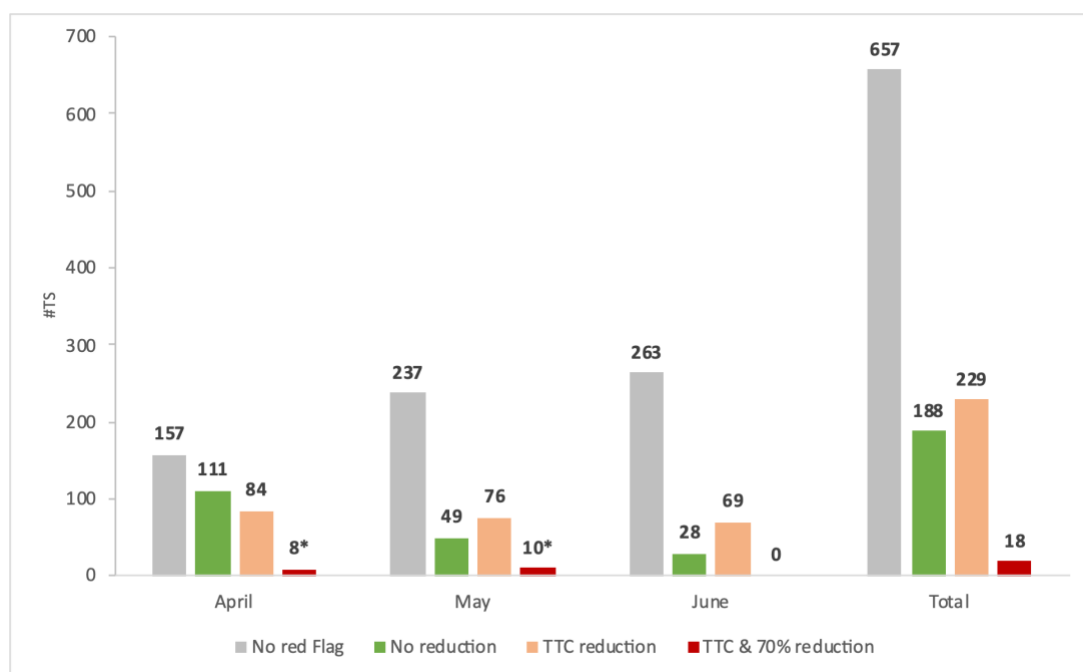
Table 14: ID Reduction after 70% minMargin adjustment

BD	TS	Month	TTC	ANTC		LimitedBy	70% reduction	% reduction	Category
			Adj	ANTCfinal	ANTCfeasible	Adj			
20230410	1530	April	1065	7948	377	Minimum Margin	7571	95%	above 1000 MW
20230410	1630	April	1065	7948	377	Minimum Margin	7571	95%	above 1000 MW
20230410	1730	April	1598	7415	377	Minimum Margin	7038	95%	above 1000 MW
20230412	1230	April	8862	1172	413	Minimum Margin	759	65%	above 1000 MW
20230412	1330	April	8862	1172	413	Minimum Margin	759	65%	above 1000 MW
20230412	1430	April	8862	1172	413	Minimum Margin	759	65%	above 1000 MW
20230425	1530	April	1922	4289	242	Minimum Margin	4047	94%	above 1000 MW
20230425	1630	April	1922	4289	242	Minimum Margin	4047	94%	above 1000 MW
20230425	1730	April	3849	2362	242	Minimum Margin	2120	90%	above 1000 MW
20230518	1530	May	7506	6132	616	Minimum Margin	5516	90%	above 1000 MW
20230518	1630	May	7506	6132	616	Minimum Margin	5516	90%	above 1000 MW
20230518	1730	May	7551	5981	611	Minimum Margin	5370	90%	above 1000 MW
20230519	2330	May	6178	5291	418	Minimum Margin	4873	92%	above 1000 MW

5.2. Reduction of capacity after TSOs validation

According to the criteria defined in subsection 2.2, in this subsection, we present the TSs within the ID processes where reduction of capacity occurred after TSO validation. The following figure presents the different TSs for the ID process as described in the D2 cases in subsection 4.2. For this quarter, for all business days, the validation of the TSOs could be taken into account in the final step of the NTC calculation – the cases marked with “*” are 3 TSs in April and June that require further investigation due to the impact of the validation step on the final results.

Figure 15: Summary of status of TSs during validation process in ID



5.2.1 Reduction on TTC

In this section the TSs with TTC reduction as reported in section 2.2 are presented for each month. In the tables presented, the validation performed by the TSOs is divided between:

- Global validation: when the TSOs send a red flag that is limiting the total exchange of the region
- Bilateral validation: when the TSOs send a red flag that is only limiting their border with Italy

Table 15: ID TS with global TTC reduction during the validation process for April

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230401	April	2030	7745	7674	0	0	0	Critical Branch	Validation phase	71	0	CH	7399	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230401	April	2130	7865	7380	0	0	0	Critical Branch	Validation phase	485	0	CH	7106	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230401	April	2230	7865	7611	0	0	0	Critical Branch	Validation phase	254	0	CH	7336	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230402	April	1530	7301	6627	0	0	0	Critical Branch	Validation phase	674	0	CH	6352	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230402	April	1630	7301	6964	0	0	0	Critical Branch	Validation phase	337	0	CH	6689	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230405	April	1230	7431	5898	-3259	-3259	-1726	Critical Branch	Validation phase	1533	0	CH	5623	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230405	April	1330	7431	6068	-3259	-3259	-1896	Critical Branch	Validation phase	1363	0	CH	5793	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230405	April	1430	7431	6175	-3259	-3259	-2003	Critical Branch	Validation phase	1256	0	CH	5900	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230405	April	2330	6700	6679	0	0	0	Scheduled TTC	Validation phase	21	0	CH	6404	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230406	April	1530	9273	8184	0	0	0	Critical Branch	Validation phase	1089	0	CH	7909	Expected overloading on the following CNEC: CNE: 380kV Bulciago-Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230406	April	1630	9273	8184	0	0	0	Critical Branch	Validation phase	1089	0	CH	7909	Expected overloading on the following CNEC: CNE: 380kV Bulciago-Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230406	April	1730	9273	8762	0	0	0	Critical Branch	Validation phase	511	0	CH	8487	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230406	April	1930	8423	7946	0	0	0	Critical Branch	Validation phase	477	0	CH	7672	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230406	April	2030	8423	7964	0	0	0	Critical Branch	Validation phase	459	0	CH	7689	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230406	April	2130	8740	8378	0	0	0	Critical Branch	Validation phase	362	0	CH	8103	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230406	April	2230	8740	8216	0	0	0	Critical Branch	Validation phase	524	0	CH	7940	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230406	April	2330	8130	7777	0	0	0	Critical Branch	Validation phase	353	0	CH	7502	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230408	April	1530	7734	7597	0	0	0	GSK Limitation	Smoothing Ramp	137	0	Smoothing		
20230408	April	1830	8817	8519	0	0	0	Critical Branch	Validation phase	298	0	CH	8244	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230409	April	1330	7802	7472	0	0	0	Scheduled TTC	Validation phase	330	0	CH	7196	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230409	April	1430	7802	7321	0	0	0	Scheduled TTC	Validation phase	481	0	CH	7046	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230409	April	1530	7802	7690	0	0	0	Scheduled TTC	Validation phase	112	0	CH	7415	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230409	April	1730	7802	7629	0	0	0	Scheduled TTC	Validation phase	173	0	CH	7354	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230410	April	1230	8540	7802	0	0	0	Scheduled TTC	Smoothing Ramp	738	0	Smoothing		
20230410	April	1330	8540	7802	0	0	0	Scheduled TTC	Smoothing Ramp	738	0	Smoothing		
20230410	April	1430	8540	7802	0	0	0	Scheduled TTC	Smoothing Ramp	738	0	Smoothing		
20230410	April	1830	7247	7019	- 2728	-2728	-2508	GSK Limitation	Smoothing Ramp	228	0	Smoothing		
20230411	April	1330	9423	9140	-364	-364	-82	Critical Branch	Validation phase	283	0	CH	8865	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 ALBERTVILLE-RONDISSONE
20230413	April	1230	9147	6935	0	0	0	Critical Branch	Validation phase	2212	0	CH	6660	380kV Lavorgo - Musignano- N-2 Pradella-Sils + Filisur-Sils
20230413	April	1330	9147	7400	0	0	0	Critical Branch	Validation phase	1747	0	CH	7125	380kV Lavorgo - Musignano - N-2 Pradella-Sils + Filisur-Sils
20230413	April	1430	9147	7400	0	0	0	Critical Branch	Validation phase	1747	0	CH	7125	380kV Lavorgo - Musignano - N-2 Pradella-Sils + Filisur-Sils
20230415	April	1830	9119	8728	0	0	0	Critical Branch	Smoothing Ramp	391	0	Smoothing		
20230418	April	1430	8650	8538	0	0	0	Scheduled TTC	Validation phase	112	0	CH	8263	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230419	April	1230	8061	7978	0	0	0	Scheduled TTC	Validation phase	83	0	CH	7703	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230419	April	1530	7895	7628	0	0	0	Scheduled TTC	Validation phase	267	0	CH	7353	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230419	April	1630	7895	7720	0	0	0	Scheduled TTC	Validation phase	175	0	CH	7445	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230420	April	1430	8650	8055	0	0	0	Scheduled TTC	Validation phase	595	0	CH	7780	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230420	April	1530	8650	8399	0	0	0	Scheduled TTC	Validation phase	251	0	CH	8124	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230420	April	1630	8650	8405	0	0	0	Scheduled TTC	Validation phase	245	0	CH	8130	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230420	April	1730	8650	8573	0	0	0	Scheduled TTC	Validation phase	77	0	CH	8298	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230420	April	2230	8650	8635	0	0	0	Scheduled TTC	Validation phase	15	0	CH	8360	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-1 VALPELLINE-RIDDES
20230424	April	2130	8888	8640	0	0	0	Scheduled TTC	Validation phase	248	0	CH	8365	IDCF Forecast : Bonaduz-Sils West / East 103%
20230424	April	2230	8888	8640	0	0	0	Scheduled TTC	Validation phase	248	0	CH	8365	IDCF Forecast : Bonaduz-Sils West / East 103%
20230425	April	1530	1922	1680	4289	242	3626	Minimum Margin	Validation phase	242	-421	FR	1405	Process fail during TSO validation phase

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230425	April	1630	1922	1680	4289	242	3115	Minimum Margin	Validation phase	242	-932	FR	1405	Process fail during TSO validation phase
20230425	April	1730	3849	3607	2362	242	0	Minimum Margin	Smoothing Ramp	242	-2120	Smoothing		
20230428	April	1830	9042	8851	0	0	0	Critical Branch	Smoothing Ramp	191	0	Smoothing		

Table 16: ID TS with bilateral TTC reduction during the validation process for April

BD	Month	TS	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230407	April	1230	9643	8624	3200	0	0	0	GSK Limitation	Validation phase	1019	0	FR	3200	Bilateral - N-2 ALBERTVILLE GRANDE ILE
20230407	April	1330	9643	8770	3200	0	0	0	GSK Limitation	Validation phase	873	0	FR	3200	Bilateral - N-2 ALBERTVILLE GRANDE ILE
20230407	April	1430	9643	8752	3200	0	0	0	GSK Limitation	Validation phase	891	0	FR	3200	Bilateral - N-2 ALBERTVILLE GRANDE ILE
20230407	April	1530	8969	8431	3202	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	538	0	FR	3200	Bilateral - N-2 ALBERTVILLE GRANDE ILE

BD	Month	TS	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230407	April	1630	8969	8431	3202	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	538	0	FR	3200	Bilateral - N-2 ALBERTVILLE GRANDE ILE
20230407	April	1730	8969	8431	3202	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	538	0	FR	3200	Bilateral - N-2 ALBERTVILLE GRANDE ILE
20230409	April	1230	8540	7377	2400	0	0	0	Scheduled TTC	Validation phase	1163	0	FR	2400	Bilateral - EXPORT CH IT
20230409	April	2130	7290	7045	2400	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	245	0	FR	2400	Bilateral - EXPORT CH IT
20230409	April	2230	7290	7045	2400	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	245	0	FR	2400	Bilateral - EXPORT CH IT
20230409	April	2330	7290	7045	2400	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	245	0	FR	2400	Bilateral - EXPORT CH IT
20230411	April	1230	9423	8974	-9	-364	-364	-1	Critical Branch	Validation phase	449	0	AT	-100000	Bilateral - EXPORT CH IT Bilateral - Because of high redispatch the leftover intraday capacity was set to 0

BD	Month	TS	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230412	April	1830	8445	8218	2400	- 4355	-4355	-4151	Critical Branch	TTC Validation phase - bilateral reduction	227	0	FR	2347	Bilateral - N-2 ALBERTVILLE - GRANDE ILE
20230412	April	1930	8445	8218	2400	- 4355	-4355	-4151	Critical Branch	TTC Validation phase - bilateral reduction	227	0	FR	2347	Bilateral - N-2 ALBERTVILLE - GRANDE ILE
20230412	April	2030	8445	8218	2400	- 4355	-4355	-4151	Critical Branch	TTC Validation phase - bilateral reduction	227	0	FR	2347	Bilateral - N-2 ALBERTVILLE - GRANDE ILE
20230412	April	2130	8899	8520	2400	- 4854	-4854	-4507	Critical Branch	TTC Validation phase - bilateral reduction	379	0	FR	2347	Bilateral - N-2 ALBERTVILLE - GRANDE ILE
20230412	April	2230	8899	8520	2400	- 4854	-4854	-4507	Critical Branch	TTC Validation phase - bilateral reduction	379	0	FR	2347	Bilateral - N-2 ALBERTVILLE - GRANDE ILE
20230412	April	2330	8089	7902	2400	- 4047	-4047	-3874	Critical Branch	TTC Validation phase - bilateral reduction	187	0	FR	2347	Bilateral - N-2 ALBERTVILLE - GRANDE ILE

BD	Month	TS	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230414	April	1830	7300	7090	2525	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	210	0	FR	2400	Bilateral - N-2 ALBERTVILLE GRANDE ILE 1 et 2 / ALBERTVILLE GRANDE ILE 3
20230414	April	2230	7300	7200	2635	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	100	0	FR	2400	Bilateral - N-2 ALBERTVILLE GRANDE ILE 1 et 2 / ALBERTVILLE GRANDE ILE 3
20230415	April	1930	9119	8889	3246	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	230	0	FR	2400	Bilateral - ILE 1 et 2 / ALBERTVILLE GRANDE ILE 3
20230415	April	2030	9119	8889	3246	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	230	0	FR	2400	Bilateral - ILE 1 et 2 / ALBERTVILLE GRANDE ILE 3
20230415	April	2130	9034	8368	2776	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	666	0	FR	2400	Bilateral - ILE 1 et 2 / ALBERTVILLE GRANDE ILE 3
20230415	April	2230	9034	8364	2772	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	670	0	FR	2400	Bilateral - ILE 1 et 2 / ALBERTVILLE GRANDE ILE 3

BD	Month	TS	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230415	April	2330	8224	7601	2400	-2472	-2472	-1900	Critical Branch	TTC Validation phase - bilateral reduction	623	0	FR	2400	Bilateral - ILE 1 et 2 / ALBERTVILLE GRANDE ILE 3
20230416	April	1230	7840	7102	2400	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	738	0	FR	2400	Bilateral - N-2 ALBERTVILLE G.ILE 1 et 2 sur CREYS GENISSIAT
20230416	April	1330	7840	7102	2400	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	738	0	FR	2400	Bilateral - N-2 ALBERTVILLE G.ILE 1 et 2 sur CREYS GENISSIAT
20230416	April	1430	7840	7224	2522	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	616	0	FR	2400	Bilateral - N-2 ALBERTVILLE G.ILE 1 et 2 sur CREYS GENISSIAT
20230416	April	1930	7821	7758	3058	-7229	-7229	-7174	ID schedules	TTC Validation phase - bilateral reduction	63	0	FR	2400	Bilateral - N-2 ALBERTVILLE G.ILE 1 et 2 sur CREYS GENISSIAT
20230417	April	1230	6961	6885	2472	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	76	0	FR	2400	Bilateral - N-2 ALBERTVILLE G.ILE 1 et 2 sur CREYS GENISSIAT

BD	Month	TS	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230417	April	1330	6961	6892	2479	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	69	0	FR	2400	Bilateral - N-2 ALBERTVILLE G.ILE 1 et 2 sur CREYS GENISSIAT
20230417	April	1830	7400	7397	3272	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	3	0	FR	2400	Bilateral - N-2 ALBERTVILLE G.ILE 1 et 2 sur CREYS GENISSIAT
20230417	April	1930	7400	7385	3272	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	15	0	FR	2400	Bilateral - N-2 ALBERTVILLE G.ILE 1 et 2 sur CREYS GENISSIAT
20230417	April	2230	7400	7383	3272	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	17	0	FR	2400	Bilateral - N-2 ALBERTVILLE G.ILE 1 et 2 sur CREYS GENISSIAT
20230422	April	1830	9054	9036	3431	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	18	0	FR	3372	Bilateral - N-1 Albertville- Grande Ile 2 / [FR-FR] Albertville-Grande Ile 1 [OPP] [FR]
20230428	April	2230	8414	8397	235	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	17	0	AT	235	Because of high redispatch the leftover intraday capacity was set to 0

BD	Month	TS	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230428	April	2330	8404	8378	225	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	26	0	AT	225	Because of high redispatch the leftover intraday capacity was set to 0
20230429	April	1230	7853	7773	2880	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	80	0	FR	2400	Bilateral - N-2 ALBERTVILLE GRANDE ILE 1 et 2
20230429	April	1330	7853	7409	2516	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	444	0	FR	2400	Bilateral - N-2 ALBERTVILLE GRANDE ILE 1 et 2
20230429	April	1430	7853	7484	2591	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	369	0	FR	2400	Bilateral - N-2 ALBERTVILLE GRANDE ILE 1 et 2
20230429	April	1530	8341	7996	2814	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	345	0	FR	2400	Bilateral - N-2 ALBERTVILLE GRANDE ILE 1 et 2

Table 17: ID TS with global TTC reduction during the validation process for May

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230502	May	1930	6810	6804	0	0	0	ID schedules	Validation phase	6	0	CH	6549	Expected overloading on the following CNEC: CNE: 380 kV Lavorgo- Musignano, C: N-1 SOAZZA- BULCIAGO
20230502	May	2130	6561	6559	0	0	0	ID schedules	Validation phase	2	0	CH	6304	Expected overloading on the following CNEC: CNE: 380 kV Soazza-Buciago, C: N-1 LAVORGOMUSIGNANO
20230505	May	1730	6659	6601	0	0	0	Critical Branch	Validation phase	58	0	CH	6346	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230512	May	1530	7417	6817	0	0	0	Critical Branch	Scheduled TTC	600	0	Fictive flag		
20230512	May	1630	7417	6817	0	0	0	Critical Branch	Scheduled TTC	600	0	Fictive flag		
20230512	May	1730	7567	6968	0	0	0	Critical Branch	Scheduled TTC	599	0	Fictive flag		
20230512	May	2130	8559	7219	0	0	0	Critical Branch	Scheduled TTC	1340	0	Fictive flag		
20230512	May	2230	8559	7219	0	0	0	Critical Branch	Scheduled TTC	1340	0	Fictive flag		
20230512	May	2330	7959	6619	0	0	0	Critical Branch	Scheduled TTC	1340	0	Fictive flag		
20230515	May	1530	7338	7292	0	0	0	Critical Branch	Scheduled TTC	46	0	Fictive flag		

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230515	May	1630	7338	7292	0	0	0	Critical Branch	Scheduled TTC	46	0	Fictive flag		
20230515	May	1730	7338	7292	0	0	0	Critical Branch	Scheduled TTC	46	0	Fictive flag		
20230515	May	1930	7954	7902	0	0	0	Critical Branch	Validation phase	52	0	CH	7712	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230515	May	2030	7954	7633	0	0	0	Critical Branch	Validation phase	321	0	CH	7444	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230515	May	2130	8864	8410	0	0	0	Critical Branch	Validation phase	454	0	CH	8220	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230515	May	2230	8864	8349	0	0	0	Critical Branch	Validation phase	515	0	CH	8158	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230515	May	2330	8264	7912	0	0	0	Critical Branch	Scheduled TTC	352	0	Fictive flag		
20230519	May	1930	6735	5851	0	0	0	Critical Branch	Validation phase	884	0	CH	5661	380kV Bulciago - Soazza N-2 RONDISSONE-ALBERTVILLE
20230519	May	2030	6735	5541	0	0	0	Critical Branch	Validation phase	1194	0	CH	5349	380kV Bulciago - Soazza N-2 RONDISSONE-ALBERTVILLE
20230519	May	2130	6360	6155	0	0	0	Critical Branch	Validation phase	205	0	CH	5958	380kV Bulciago - Soazza N-2 RONDISSONE-ALBERTVILLE
20230521	May	1330	4991	4658	0	0	0	Scheduled TTC	Validation phase	333	0	CH	4467	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA- BULCIAGO

BD	Month	TS	TTC					ANTC		LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1			Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230521	May	1430	4991	4173	0	0	0	Scheduled TTC	Validation phase			818	0	CH	3983	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGIO-MUSIGNANO
20230521	May	1530	5862	4896	0	0	0	Scheduled TTC	Validation phase			966	0	CH	4706	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGIO-MUSIGNANO
20230521	May	1630	5862	5217	0	0	0	Scheduled TTC	Validation phase			645	0	CH	5028	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGIO-MUSIGNANO
20230521	May	2130	7767	7763	0	0	0	Scheduled TTC	Validation phase			4	0	CH	7573	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230521	May	2330	7767	7752	0	0	0	Scheduled TTC	Validation phase			15	0	CH	7557	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230522	May	1230	6101	5787	0	0	0	Scheduled TTC	Validation phase			314	0	CH	5597	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV SILS-SOAZZA
20230522	May	1330	6101	5855	0	0	0	Scheduled TTC	Validation phase			246	0	CH	5662	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV SILS-SOAZZA
20230522	May	1430	6101	6020	0	0	0	Scheduled TTC	Validation phase			81	0	CH	5662	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV SILS-SOAZZA
20230522	May	1530	6316	6184	0	0	0	Critical Branch	Validation phase			132	0	CH	5991	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV SILS-SOAZZA
20230522	May	1630	6316	6184	0	0	0	Critical Branch	Validation phase			132	0	CH	5994	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N- 2 ALBERTVILLE-RONDISSONE

BD	Month	TS	TTC					ANTC		LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1			Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230522	May	1730	6316	6184	0	0	0	Critical Branch	Validation phase			132	0	CH	5994	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-2 ALBERTVILLE-RONDISSONE
20230523	May	2330	6531	6437	0	0	0	Scheduled TTC	Validation phase			94	0	CH	6242	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 VILLARODIN-PAZ
20230525	May	1530	6313	6004	0	0	0	Critical Branch	Scheduled TTC			309	0	Fictive flag		
20230525	May	1630	6313	6004	0	0	0	Critical Branch	Scheduled TTC			309	0	Fictive flag		
20230525	May	1730	6313	6004	0	0	0	Critical Branch	Scheduled TTC			309	0	Fictive flag		
20230526	May	2130	7348	7347	0	0	0	Scheduled TTC	Validation phase			1	0	CH	7157	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230527	May	1230	5740	5367	0	0	0	Scheduled TTC	Validation phase			373	0	CH	5177	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230527	May	1330	5740	5515	0	0	0	Scheduled TTC	Validation phase			225	0	CH	5325	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230527	May	1430	5591	5351	0	0	0	Scheduled TTC	Validation phase			240	0	CH	5161	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230527	May	1530	5740	5621	0	0	0	Scheduled TTC	Validation phase			119	0	CH	5431	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230530	May	1730	6704	6646	0	0	0	Critical Branch	Validation phase	58	0	CH	6455	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230530	May	1930	7177	7157	0	0	0	Critical Branch	Validation phase	20	0	CH	6967	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230530	May	2130	7194	7096	0	0	0	Critical Branch	Validation phase	98	0	CH	6907	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230530	May	2230	7194	7023	0	0	0	Critical Branch	Validation phase	171	0	CH	6832	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230531	May	2330	6492	6344	0	0	0	Scheduled TTC	Validation phase	148	0	CH	6092	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

Table 18: ID TS with bilateral TTC reduction during the validation process for May

			TTC			ANTC			LimitedBy		Validation				
BD	Month	TS	Adj	Validated	AT-IT FR-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230502	May	2230	6242	6107	2747	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	135	0	FR	2340	Bilateral - N-1 Albertville-Rondissone 1 / [FR-IT] Albertville-Rondissone 2 [OPP] [FR]

			TTC			ANTC			LimitedBy		Validation				
BD	Month	TS	Adj	Validated	AT-IT FR-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230510	May	1530	7219	6566	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	653	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE1
20230510	May	1630	7219	6566	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	653	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE1
20230510	May	1730	7219	6566	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	653	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE1
20230510	May	1830	7325	6426	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	899	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE1
20230510	May	1930	7325	6426	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	899	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE1

			TTC			ANTC			LimitedBy		Validation				
BD	Month	TS	Adj	Validated	AT-IT FR-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230510	May	2030	7325	6426	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	899	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE1
20230510	May	2130	7299	6756	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	543	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE1
20230510	May	2230	7299	6756	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	543	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE1
20230510	May	2330	6649	6184	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	465	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE1
20230511	May	1530	7151	6886	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	265	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE 1

BD	Month	TS	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230511	May	1630	7151	6886	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	265	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE 1
20230511	May	1730	7151	6886	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	265	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE 1
20230511	May	1830	8001	7348	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	653	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE 1
20230511	May	1930	8001	7348	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	653	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE 1
20230511	May	2030	8001	7348	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	653	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE 1

			TTC			ANTC			LimitedBy		Validation				
BD	Month	TS	Adj	Validated	AT-IT FR-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230511	May	2130	7418	6969	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	449	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE 1
20230511	May	2230	7418	6969	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	449	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE 1
20230511	May	2330	6768	6380	2300	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	388	0	FR	2300	Bilateral - RDCR CHAFFARD GRAND ILE 1
20230517	May	1330	6890	6690	215	0	0	0	Scheduled TTC	Validation phase	200	0	AT	215	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0 Bilateral - Because of high redispatch the leftover intraday capacity was set to 0 Bilateral - Because of high redispatch the leftover intraday capacity was set to 0 Bilateral - Because of high redispatch the leftover intraday capacity was set to 0 Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230517	May	1430	6890	6856	215	0	0	0	Scheduled TTC	Validation phase	34	0	AT	215	
20230517	May	1530	6890	6814	215	0	0	0	Scheduled TTC	Validation phase	76	0	AT	215	
20230518	May	1530	7506	6890	215	6132	616	0	Minimum Margin	Validation phase	616	-5516	AT	215	
20230518	May	1630	7506	6890	215	6132	616	0	Minimum Margin	Validation phase	616	-5516	AT	-100000	

BD	Month	TS	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230518	May	1730	7551	6940	215	5981	611	0	Minimum Margin	Validation phase	611	-5370	AT	215	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230518	May	1830	7258	7254	221	-303	-303	-300	Critical Branch	TTC Validation phase - bilateral reduction	4	0	AT	221	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230518	May	1930	8158	8085	215	-1385	-1385	-1313	Critical Branch	Validation phase	73	0	AT	215	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230518	May	2030	8158	8070	215	-1385	-1385	-1298	Critical Branch	Validation phase	88	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230531	May	1830	7237	6543	215	0	0	0	Scheduled TTC	Validation phase	694	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230531	May	1930	7237	6437	215	0	0	0	Scheduled TTC	Validation phase	800	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230531	May	2030	7237	6520	215	0	0	0	Scheduled TTC	Validation phase	717	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230531	May	2130	6895	6540	215	0	0	0	Scheduled TTC	Validation phase	355	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230531	May	2230	6895	6599	215	0	0	0	Scheduled TTC	Validation phase	296	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0

Table 19: ID TS with global TTC reduction during the validation process for June

			TTC		ANTC			LimitedBy		Validation				
BD	Month	TS	Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230603	June	1530	5783	4764	0	0	0	Scheduled TTC	Validation phase	1019	0	CH	4574	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N- 2 Pradella-Robbia + Filisur-Robbia
20230603	June	1830	7901	6188	0	0	0	Critical Branch	Validation phase	1713	0	CH	5997	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230603	June	1930	7901	6178	0	0	0	Critical Branch	Validation phase	1723	0	CH	5988	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-2 ALBERTVILLE-RONDISSONE
20230603	June	2030	7901	5980	0	0	0	Critical Branch	Validation phase	1921	0	CH	5790	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230603	June	2130	6786	6271	0	0	0	Critical Branch	Validation phase	515	0	CH	6081	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230603	June	2230	6786	6631	0	0	0	Critical Branch	Validation phase	155	0	CH	6441	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230605	June	1230	7270	5949	0	0	0	Critical Branch	Scheduled TTC	1321	0	Fictive flag		
20230605	June	1330	7270	5949	0	0	0	Critical Branch	Scheduled TTC	1321	0	Fictive flag		
20230605	June	1430	7270	5949	0	0	0	Critical Branch	Scheduled TTC	1321	0	Fictive flag		
20230605	June	1530	7137	6090	0	0	0	Critical Branch	Scheduled TTC	1047	0	Fictive flag		

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230605	June	1630	7137	6090	0	0	0	Critical Branch	Scheduled TTC	1047	0			Fictive flag
20230605	June	1730	7137	6090	0	0	0	Critical Branch	Scheduled TTC	1047	0			Fictive flag
20230605	June	1830	7180	6141	0	0	0	Critical Branch	Scheduled TTC	1039	0			Fictive flag
20230605	June	1930	7180	6141	0	0	0	Critical Branch	Scheduled TTC	1039	0			Fictive flag
20230605	June	2030	7180	6141	0	0	0	Critical Branch	Scheduled TTC	1039	0			Fictive flag
20230605	June	2130	7828	6141	0	0	0	Critical Branch	Scheduled TTC	1687	0			Fictive flag
20230605	June	2230	7828	6141	0	0	0	Critical Branch	Scheduled TTC	1687	0			Fictive flag
20230605	June	2330	7428	6140	0	0	0	Critical Branch	Scheduled TTC	1288	0			Fictive flag
20230606	June	1230	7270	6789	0	0	0	GSK Limitation	Validation phase	481	0	CH	6600	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230606	June	1330	7270	6816	0	0	0	GSK Limitation	Validation phase	454	0	CH	6626	
20230606	June	1430	7270	6495	0	0	0	GSK Limitation	Validation phase	775	0	CH	6304	

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230608	June	1530	6431	5800	-1408	-1408	-777	Critical Branch	Validation phase	631	0	CH	5610	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230608	June	1630	6431	6356	-1408	-1408	-1333	Critical Branch	Validation phase	75	0	CH	6166	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230608	June	1930	6856	6554	0	0	0	Critical Branch	Validation phase	302	0	CH	6364	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230608	June	2030	6856	6526	0	0	0	Critical Branch	Validation phase	330	0	CH	6336	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230608	June	2130	7276	6188	0	0	0	GSK Limitation	Validation phase	1088	0	CH	5998	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20230608	June	2230	7276	6493	0	0	0	GSK Limitation	Validation phase	783	0	CH	6304	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20230609	June	1230	5661	5561	0	0	0	Critical Branch	Validation phase	100	0	CH	5371	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230609	June	1330	5661	5396	0	0	0	Critical Branch	Validation phase	265	0	CH	5206	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230609	June	1430	5661	5396	0	0	0	Critical Branch	Validation phase	265	0	CH	5206	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230609	June	2130	6739	6038	0	0	0	Critical Branch	Validation phase	701	0	CH	5848	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano
20230609	June	2230	6739	6357	0	0	0	Critical Branch	Validation phase	382	0	CH	6167	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano
20230609	June	2330	6339	6127	0	0	0	Critical Branch	Validation phase	212	0	CH	5932	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano
20230610	June	1530	5783	5439	0	0	0	Critical Branch	Validation phase	344	0	CH	5249	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N- 2 Pradella-Robbia + Filisur-Robbia
20230610	June	1630	5783	5749	0	0	0	Critical Branch	Validation phase	34	0	CH	5559	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N- 2 Pradella-Robbia + Filisur-Robbia
20230614	June	2130	6989	6623	0	0	0	Critical Branch	Validation phase	366	0	CH	6432	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230614	June	2230	6989	5747	0	0	0	Critical Branch	Validation phase	1242	0	CH	5557	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230615	June	1530	7514	6989	0	0	0	Critical Branch	Validation phase	525	0	CH	6799	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N- 2 Pradella-Robbia + Filisur-Robbia

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230618	June	1230	5640	5194	0	0	0	Scheduled TTC	Validation phase	446	0	CH	5004	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20230618	June	1330	5640	5112	0	0	0	Scheduled TTC	Validation phase	528	0	CH	4922	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-1 S.FIORANO-PIANCAMUNO
20230618	June	1430	5640	5295	0	0	0	Scheduled TTC	Validation phase	345	0	CH	5105	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Gorlago-Piancamuno + Robbia-Gorlago
20230621	June	1230	6182	5950	0	0	0	Critical Branch	Validation phase	232	0	CH	5760	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230621	June	1330	6182	6011	0	0	0	Critical Branch	Validation phase	171	0	CH	5821	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230621	June	1430	6182	6138	0	0	0	Critical Branch	Validation phase	44	0	CH	5948	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230621	June	1530	6826	6552	0	0	0	Critical Branch	Validation phase	274	0	CH	6362	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230621	June	1630	6826	6553	0	0	0	Critical Branch	Validation phase	273	0	CH	6363	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230621	June	1730	6826	6771	0	0	0	Critical Branch	Validation phase	55	0	CH	6580	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230621	June	1830	7633	7597	0	0	0	Critical Branch	Validation phase	36	0	CH	7406	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230621	June	2030	7633	7485	0	0	0	Critical Branch	Validation phase	148	0	CH	7294	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230621	June	2130	7460	6830	0	0	0	Critical Branch	Validation phase	630	0	CH	6640	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230621	June	2230	7460	7146	0	0	0	Critical Branch	Validation phase	314	0	CH	6955	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230622	June	1230	6160	5632	0	0	0	Critical Branch	Validation phase	528	0	CH	5442	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N- 2 Pradella-Robbia + Filisur-Robbia
20230622	June	1330	6160	6070	0	0	0	Critical Branch	Validation phase	90	0	CH	5879	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N- 2 Pradella-Robbia + Filisur-Robbia
20230622	June	1530	6824	6305	0	0	0	Critical Branch	Validation phase	519	0	CH	6115	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N- 2 Pradella-Robbia + Filisur-Robbia
20230622	June	1630	6824	6713	0	0	0	Critical Branch	Validation phase	111	0	CH	6523	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N- 2 Pradella-Robbia + Filisur-Robbia
20230623	June	1530	7180	6871	0	0	0	Critical Branch	Validation phase	309	0	CH	6682	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N- 2 Robbia-Gorlago + Robbia-S.Fiorano
20230629	June	1730	6577	6217	0	0	0	Critical Branch	Validation phase	360	0	CH	6027	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230629	June	2130	7581	6748	0	0	0	Critical Branch	Validation phase	833	0	CH	6558	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230629	June	2230	7581	6742	0	0	0	Critical Branch	Validation phase	839	0	CH	6552	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230629	June	2330	7181	6610	0	0	0	Critical Branch	Validation phase	571	0	CH	6415	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230630	June	1630	6600	6565	0	0	0	Scheduled TTC	Validation phase	35	0	CH	6375	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230630	June	1830	7640	7484	0	0	0	Scheduled TTC	Validation phase	156	0	CH	7229	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230630	June	1930	7640	7211	0	0	0	Scheduled TTC	Validation phase	429	0	CH	6956	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230630	June	2030	7640	7057	0	0	0	Scheduled TTC	Validation phase	583	0	CH	6802	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230630	June	2130	7640	7129	0	0	0	Scheduled TTC	Validation phase	511	0	CH	6874	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230630	June	2230	7640	7597	0	0	0	Scheduled TTC	Validation phase	43	0	CH	7342	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 VILLARODIN-VENAUS
20230630	June	2330	7240	7219	0	0	0	Scheduled TTC	Validation phase	21	0	CH	6964	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE

Table 20: ID TS with bilateral TTC reduction during the validation process for June

BD	Month	TS	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230601	June	1930	6012	5927	176	0	0	0	Critical Branch	Validation phase	85	0	AT	214	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230601	June	2030	6012	5857	223	0	0	0	Critical Branch	Validation phase	155	0	AT	222	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0

5.2.1 Reduction on TTC and on 70% requirement

In this section the TSs with TTC reduction and reduction of capacity compared to 70% minMargin as explained in section 2.2 are reported. For Q2 only global related TTC reduction because of the validation step by the TSOs had an impact on the 70% minMargin requirement. Relevant cases only occurred in the month of April and May. More details is on the table below.

Table 21: ID TS with global TTC reduction during the validation process for April

BD	Month	TS	TTC					LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230405	April	1530	7679	5938	-1611	-1611	130	Critical Branch	Validation phase	1741	130	CH	5662	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230411	April	1430	9423	9004	-364	-364	55	Critical Branch	Validation phase	419	55	CH	8729	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 ALBERTVILLE-RONDISSONE
20230412	April	1230	8862	6500	1172	413	3304	Minimum Margin	Validation phase	2362	2545	CH	6225	Selon calcul
20230412	April	1330	8862	6500	1172	413	3307	Minimum Margin	Validation phase	2362	2548	CH	6225	Selon calcul
20230412	April	1430	8862	6500	1172	413	3310	Minimum Margin	Validation phase	2362	2551	CH	6225	Selon calcul

Table 22: ID TS with global TTC reduction during the validation process for May

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230519	May	2330	6178	5760	5291	418	5291	Minimum Margin	Validation phase	418	418	FR	5565	Process fail during TSO validation phase
20230529	May	1830	7095	5740	-1122	-1122	233	Critical Branch	Scheduled TTC	1355	233	Fictive flag		
20230529	May	1930	7095	5740	-1122	-1122	233	Critical Branch	Scheduled TTC	1355	233	Fictive flag		
20230529	May	2030	7095	5740	-1122	-1122	233	Critical Branch	Scheduled TTC	1355	233	Fictive flag		
20230529	May	2130	7180	5740	-1018	-1018	422	Critical Branch	Scheduled TTC	1440	422	Fictive flag		
20230529	May	2230	7180	5740	-1018	-1018	422	Critical Branch	Scheduled TTC	1440	422	Fictive flag		
20230529	May	2330	6780	5340	-663	-663	777	Critical Branch	Scheduled TTC	1440	777	Fictive flag		

5.3. Deviation from coordinated actions

Not applicable for Italy North region

5.4. Assessment of the incidences

On this section an analysis of the reduction issues is assessed for each of the cases within the IDCC process. The relevant cases for assessment are:

1. Reduction due to costly remedial actions during the adjustment process
2. Reduction due to the red flags sent by the TSOs

5.4.1. Assessment of 70% reduction

This chapter presents for the ID process; an overview of the capacity required for adjustment on the TSs that the 70% reduction occurred due to not enough redispatch capacity potential (costly remedial actions) to fulfil the required 70% minMargin after the adjustment process.

Figure 16 presents the distribution of required capacity to be adjusted per month. Moreover, the average of feasible capacity for the adjustment on that month is represented. Figure 17 presents the average % of reduction per month together with the amount of TS with reduction.

Figure 16: ID Distribution of required capacity for adjustment vs average of feasible capacity

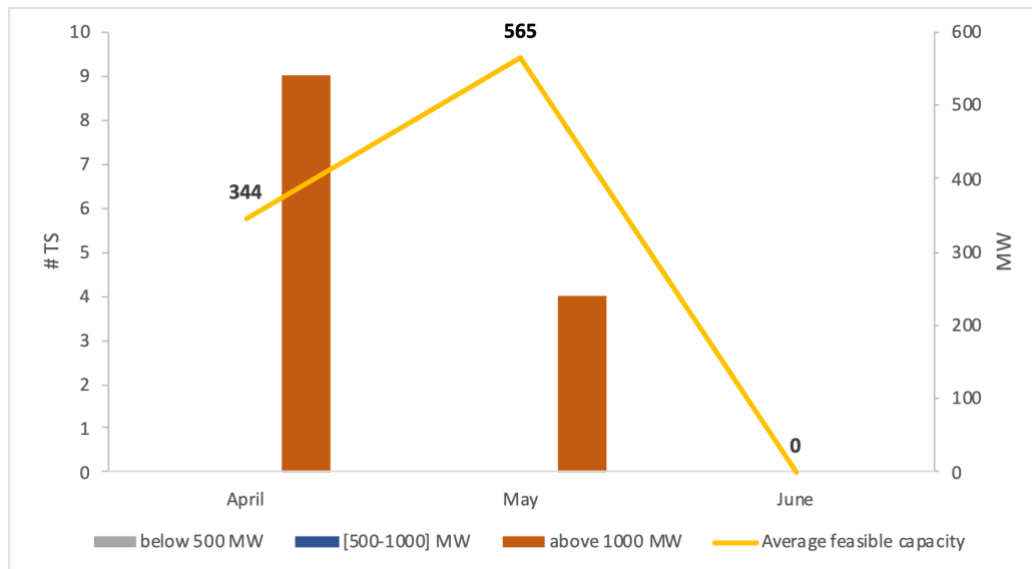
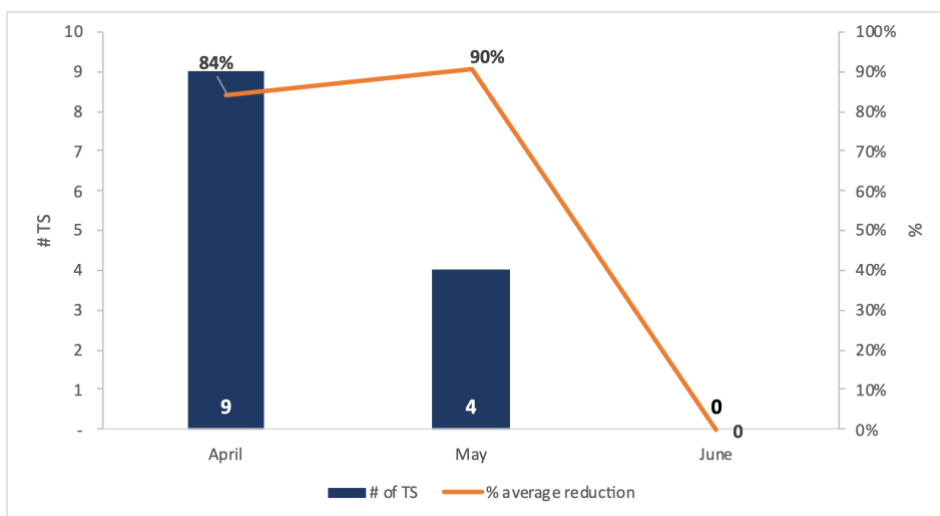


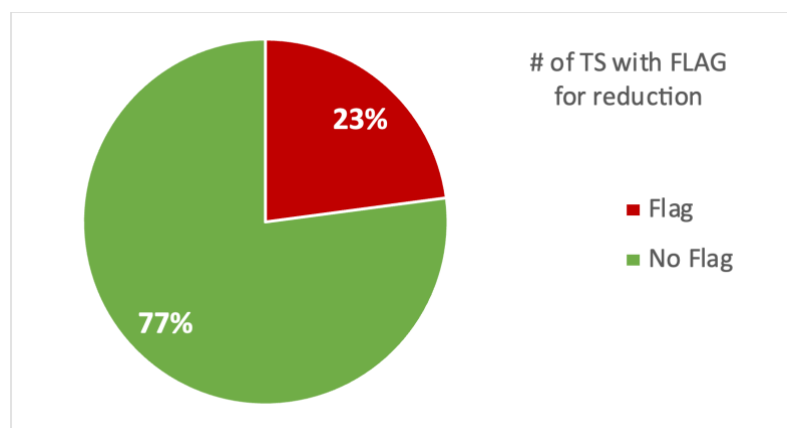
Figure 17: ID # TS with reduction per month vs the average % of reduction on that month



5.4.2. Assessment of red flags sent by the TSOs

This subsection presents an analysis of the reduction red flags sent by the TSOs. Figure 18 presents the distribution of TSs with and without flag during the period of analysis.

Figure 18: ID share of TS with and without flag

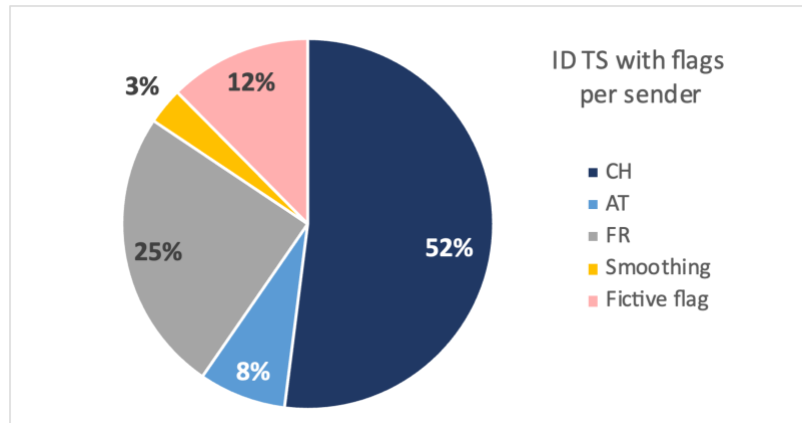


In ID, the validation process during Q2 was limited by four types of flag's provider:

- Flags sent by SWG
- Flags sent by RTE
- Flags sent by APG
- Fictive Flags: these flags are created automatically by the methodology when the process receives an invalid red flag file from any TSO. In these cases, the tool generates a global red flag with the minimum value between the scheduled TTC and the ID selected capacity.

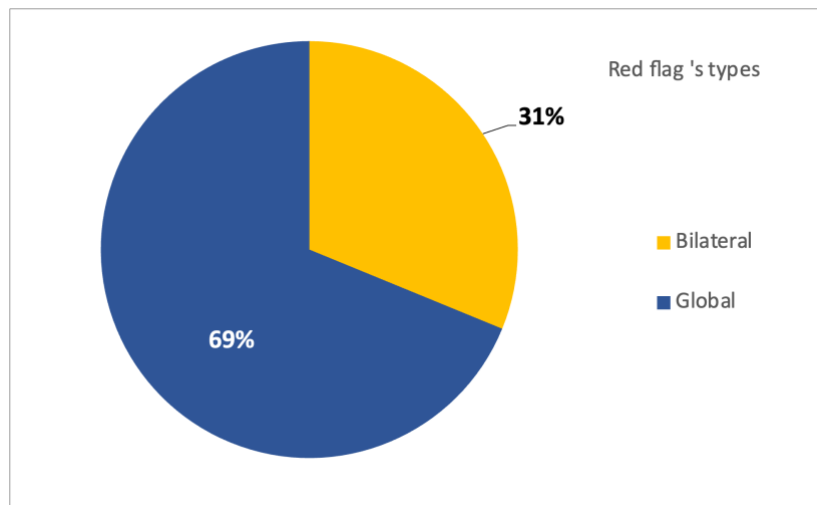
Figure 19 presents the share of each type of flag during the quarter. The TSO with the highest share of reduction is Swissgrid.

Figure 19: ID share of TS with flags classified by sender



The type of flags has also been classified depending on if they were global or bilateral in Figure 20.

Figure 20: ID Share of global and bilateral flags



Moreover, the following classification of flags has been done based on the reason provided by the TSOs:

- Overload
- Export
- Fictive flag
- Fault
- High Redispatch issue
- Outages
- IDCF Forecast

The figures below, present the type of flags sent by each TSO.

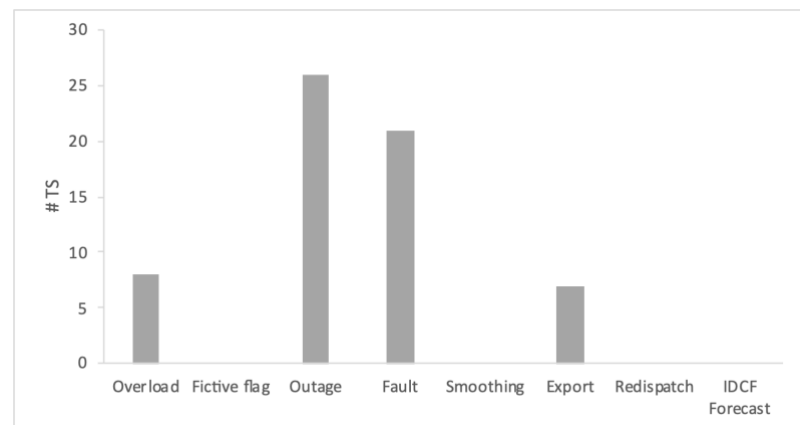
Figure 21: ID type of flags sent by Swissgrid



Figure 22: ID type of flags sent by APG



Figure 23: ID type of flags sent by RTE



Finally, the Overload reasons have been analysed and the following lines and outages are the ones that limited the capacity for Q2 in the region.

Table 23: ID list of Critical Branches reported on FLAGs

CB name
380kV Bulciago - Soazza
220kV Avise - Riddes
380kV Bulciago-Soazza
380kV Lavorgo - Musignano
220kV Riddes - Valpelline
380kV Fiorano - Robbia
380kV Filisur - Sils
380kV Sils - Soazza
380kV Filisur - Robbia
[FR-IT] Albertville-Rondissone 2
[OPP] [FR]
380KV GORLAGO-ROBBIA

Table 24: ID list of Critical Outages reported on FLAGs

CO name
N-2 Pradella-Robbia + Filisur-Robbia
N-2 ALBERTVILLE-RONDISSONE
N-1 SOAZZA-BULCIAGO
N-1 LAVORGO-MUSIGNANO
N-1 VILLARODIN-PRAZ
N-2 Robbia-Gorlago + Robbia-S.Fiorano
N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
N-1 S.FIORANO-PIANCAMUNO
N-2 Gorlago-Piancamuno + Robbia-Gorlago
N-1 AVISE-RIDDES
N-2 ALBERTVILLE GRANDE ILE 1 et 2
N-2 Pradella-Sils + Filisur-Sils

5.5. Recommendations

Not applicable for Italy North region