

Quarterly report for Article 16.3 of EU Regulation 2019/943

D2 and ID Coordinated Capacity Calculation on the
Italy North region

Q1 2023

1st of January – 31st of March

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 Q1 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 Q1 report includes the results from the 1st of January till the 31st of March 2023. The number of days considered in this report is 90 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:

2023Q1 Summary Art16.3 D-2 ID Report Data.xlsx.

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

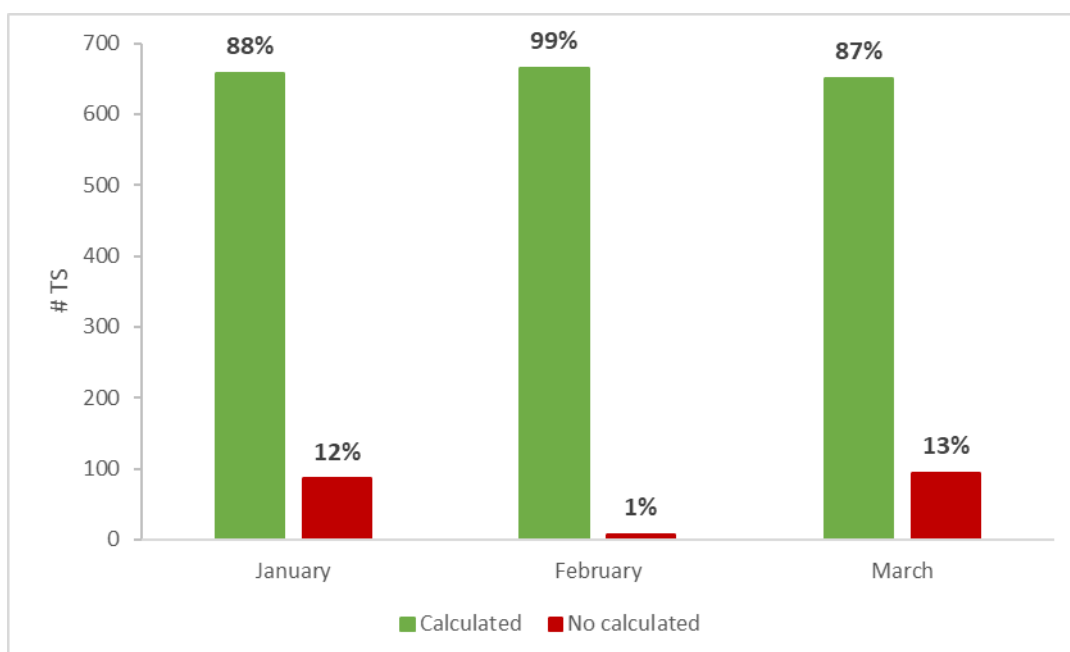
4. D2 information

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 Q1 the TTC calculation process. Please note that the adjustment process could be performed only on these calculated TSs.

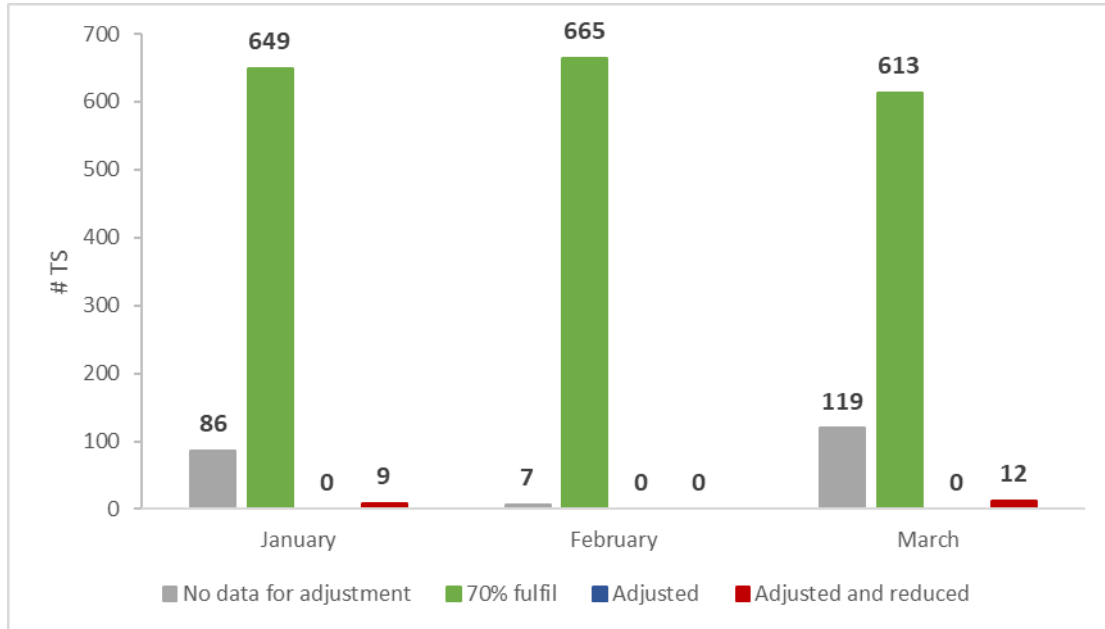
Figure 1: D2 TTC Calculation results



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

- No 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% minMargin Compliant: 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
- Adjustment: timestamps in which some adjustment was required and there was enough capacity to perform the adjustment.
- Adjustment and reduction: timestamps in which some adjustment was required and there was not enough capacity to perform the adjustment to the 70% minMargin, thus for these timestamps.

Figure 2: D2 summary of TS during the adjustment process



As it can be seen in the figure above, in this quarter, in January and March there were some reductions. More details are presented in the next table. All TS from this quarter have been affected by missing Costly Remedial Actions capacity in Italy, thus causing 100% reduction.

Table 1: D2 Reduction after 70% minMargin adjustment

BD	TS	Month	TTC	ANTCfinal	ANTCfeasible	LimitedBy	70% reduction	% reduction
20230111	0930	January	8477	1138	0	Critical Branch	1138	100%
20230111	1030	January	8477	1138	0	Critical Branch	1138	100%
20230111	1130	January	8477	1138	0	Critical Branch	1138	100%
20230121	1830	January	9870	324	0	Critical Branch	324	100%
20230121	1930	January	9870	324	0	Critical Branch	324	100%
20230121	2030	January	9870	324	0	Critical Branch	324	100%
20230125	1830	January	8657	1694	0	Critical Branch	1694	100%
20230125	1930	January	8657	1694	0	Critical Branch	1694	100%
20230125	2030	January	8657	1694	0	Critical Branch	1694	100%
20230315	0930	March	7385	381	0	Critical Branch	381	100%
20230315	1030	March	7173	593	0	Critical Branch	593	100%
20230315	1130	March	7173	593	0	Critical Branch	593	100%
20230315	1230	March	6442	647	0	Critical Branch	647	100%
20230315	1330	March	6442	647	0	Critical Branch	647	100%
20230315	1430	March	6442	647	0	Critical Branch	647	100%
20230317	0730	March	7199	304	0	Critical Branch	304	100%
20230317	0830	March	7199	304	0	Critical Branch	304	100%
20230326	0330	March	6263	455	0	Critical Branch	455	100%

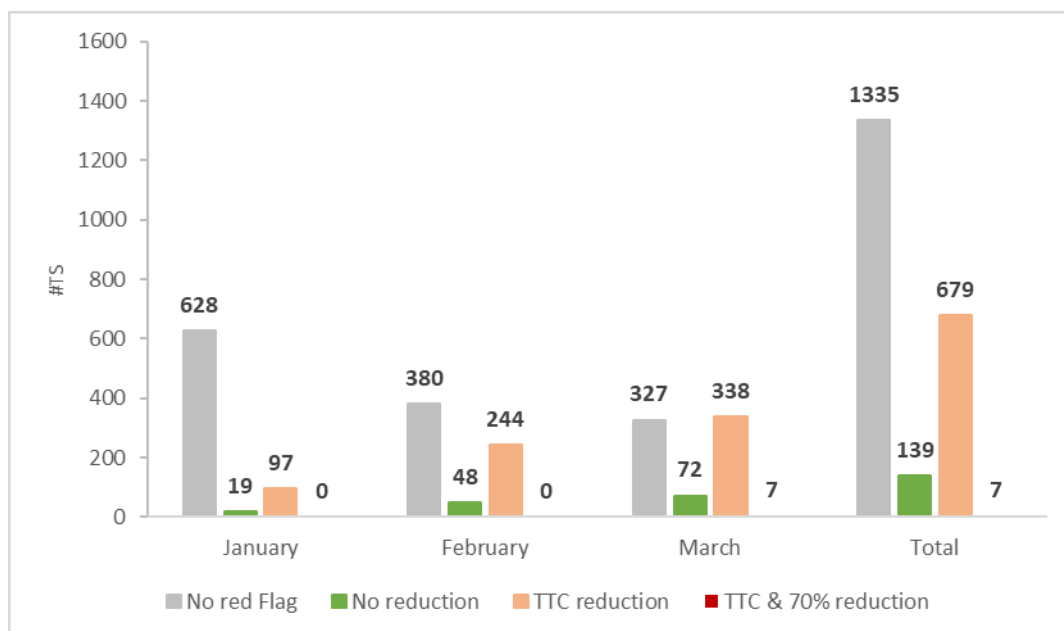
BD	TS	Month	TTC	ANTCfinal	ANTCfeasible	LimitedBy	70% reduction	% reduction
20230326	0430	March	6263	455	0	Critical Branch	455	100%
20230326	0530	March	6263	455	0	Critical Branch	455	100%
20230326	0630	March	6263	455	0	Critical Branch	455	100%

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. During Q1 the validation process could be performed for all business days except for 1 days in March (20230314). 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 January

		TTC		ANTC		LimitedBy		Validation					
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230105	0030	9622	9409	-3002	-3002	-2789	Critical Branch	Validation phase	213	0	FR	9139	Process failed: missing input
20230105	0130	9622	9409	-3002	-3002	-2789	Critical Branch	Validation phase	213	0	FR	9139	Process failed: missing input
20230105	0230	9622	9409	-3002	-3002	-2789	Critical Branch	Validation phase	213	0	FR	9139	Process failed: missing input
20230105	0330	9783	9409	-2713	-2713	-2339	Critical Branch	Validation phase	374	0	FR	9139	Process failed: missing input
20230105	0430	9783	9409	-2713	-2713	-2339	Critical Branch	Validation phase	374	0	FR	9139	Process failed: missing input
20230105	0530	9783	9409	-2713	-2713	-2339	Critical Branch	Validation phase	374	0	FR	9139	Process failed: missing input
20230105	0630	9783	9409	-2713	-2713	-2339	Critical Branch	Validation phase	374	0	FR	9139	Process failed: missing input
20230107	1230	9893	9685	-4023	-4023	-3815	Critical Branch	Smoothing ramp	208	0	Smoothing		
20230111	0030	9460	9260	-2347	-2347	-2147	Critical Branch	Validation phase	200	0	CH	8990	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
20230111	0130	9460	9260	-2347	-2347	-2147	Critical Branch	Validation phase	200	0	CH	8990	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230111	0230	9460	9260	-2347	-2347	-2147	Critical Branch	Validation phase	200	0	CH	8990	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230111	1830	9949	9303	-2730	-2730	-2084	Critical Branch	Validation phase	646	0	CH	9028	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230111	1930	9949	9303	-2730	-2730	-2084	Critical Branch	Validation phase	646	0	CH	9028	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230111	2030	9949	9303	-2730	-2730	-2084	Critical Branch	Validation phase	646	0	CH	9028	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230111	2130	9402	9202	-3140	-3140	-2940	Critical Branch	Validation phase	200	0	CH	8927	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230111	2230	9402	9202	-3140	-3140	-2940	Critical Branch	Validation phase	200	0	CH	8927	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230111	2330	9402	9202	-3141	-3141	-2941	Critical Branch	Validation phase	200	0	CH	8932	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230112	0730	9998	9727	-3376	-3376	-3105	Critical Branch	Validation phase	271	0	CH	9452	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230112	0830	10145	9874	-3517	-3517	-3246	Critical Branch	Validation phase	271	0	CH	9599	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230112	1830	9776	9610	-3556	-3556	-3390	Critical Branch	Validation phase	166	0	CH	9335	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				Reason
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	
20230112	1930	9776	9610	-3556	-3556	-3390	Critical Branch	Validation phase	166	0	CH	9335	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230112	2030	9776	9610	-3556	-3556	-3390	Critical Branch	Validation phase	166	0	CH	9335	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230112	2130	9521	9405	-3651	-3651	-3535	Critical Branch	Validation phase	116	0	CH	9130	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230112	2230	9521	9405	-3651	-3651	-3535	Critical Branch	Validation phase	116	0	CH	9130	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230112	2330	9521	9405	-3654	-3654	-3538	Critical Branch	Validation phase	116	0	CH	9135	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230113	0730	9343	9123	-2046	-2046	-1826	Critical Branch	Validation phase	220	0	CH	8848	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230113	0830	9343	9123	-2046	-2046	-1826	Critical Branch	Validation phase	220	0	CH	8848	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230113	1530	9433	8875	-3688	-3688	-3130	Critical Branch	Validation phase	558	0	IT	8600	N-1 ABV-RON 1 on ABV-RON2 (102.6%)
20230113	1630	9433	8875	-3688	-3688	-3130	Critical Branch	Validation phase	558	0	IT	8600	N-1 ABV-RON 1 on ABV-RON2 (102.6%)
20230113	1730	9433	8875	-3688	-3688	-3130	Critical Branch	Validation phase	558	0	IT	8600	N-1 ABV-RON 1 on ABV-RON2 (102.6%)
20230113	1830	9527	9283	-4465	-4465	-4221	Critical Branch	Validation phase	244	0	CH	9008	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230113	1930	9527	9283	-4465	-4465	-4221	Critical Branch	Validation phase	244	0	CH	9008	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
20230113	2030	9527	9283	-4465	-4465	-4221	Critical Branch	Validation phase	244	0	CH	9008	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230113	2130	9435	9166	-4346	-4346	-4077	Critical Branch	Validation phase	269	0	CH	8891	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230113	2230	9266	8997	-4177	-4177	-3908	Critical Branch	Validation phase	269	0	CH	8722	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230113	2330	8451	8182	-3362	-3362	-3093	Critical Branch	Validation phase	269	0	CH	7912	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230116	1830	9684	9289	-3590	-3590	-3195	Critical Branch	Validation phase	395	0	CH	9014	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230116	1930	9684	9289	-3590	-3590	-3195	Critical Branch	Validation phase	395	0	CH	9014	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230116	2030	9684	9289	-3590	-3590	-3195	Critical Branch	Validation phase	395	0	CH	9014	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230116	2130	9517	9208	-4548	-4548	-4239	Critical Branch	Validation phase	309	0	CH	8933	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230116	2230	9517	9208	-4548	-4548	-4239	Critical Branch	Validation phase	309	0	CH	8933	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230116	2330	8702	8393	-3711	-3711	-3402	Critical Branch	Validation phase	309	0	CH	8123	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230117	0030	9638	8951	-3428	-3428	-2741	Critical Branch	Validation phase	687	0	CH	8681	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230117	0130	9638	8951	-3428	-3428	-2741	Critical Branch	Validation phase	687	0	CH	8681	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230117	0230	9638	8951	-3428	-3428	-2741	Critical Branch	Validation phase	687	0	CH	8681	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230117	0930	9984	9323	-3706	-3706	-3045	Critical Branch	Validation phase	661	0	CH	9048	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-1 VALPELLINE-RIDDES
20230117	1030	9984	9323	-3706	-3706	-3045	Critical Branch	Validation phase	661	0	CH	9048	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-1 VALPELLINE-RIDDES
20230117	1130	9984	9323	-3706	-3706	-3045	Critical Branch	Validation phase	661	0	CH	9048	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-1 VALPELLINE-RIDDES
20230117	1230	9619	9297	-3724	-3724	-3402	Critical Branch	Validation phase	322	0	CH	9022	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230117	1330	9619	9297	-3724	-3724	-3402	Critical Branch	Validation phase	322	0	CH	9022	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230117	1430	9619	9297	-3724	-3724	-3402	Critical Branch	Validation phase	322	0	CH	9022	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230117	1830	9800	9557	-8266	-8266	-8023	Critical Branch	Validation phase	243	0	CH	9282	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230117	1930	9800	9557	-8266	-8266	-8023	Critical Branch	Validation phase	243	0	CH	9282	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230117	2030	9800	9557	-8266	-8266	-8023	Critical Branch	Validation phase	243	0	CH	9282	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
20230120	0630	8620	7470	-8447	-8447	-7297	TTC Selection - LTTC	Validation phase	1150	0	IT	7200	MNIIp as selected
20230120	2130	9435	8185	-10615	-10615	-9365	TTC Selection - LTTC	Validation phase	1250	0	IT	7910	MNIIp as selected
20230121	0630	10126	9741	-4220	-4220	-3835	Critical Branch	Smoothing ramp	385	0	Smoothing		
20230121	1730	9535	9225	-4039	-4039	-3729	Critical Branch	Validation phase	310	0	IT	8950	Coreso's value
20230122	0230	9210	8809	-3930	-3930	-3529	Critical Branch	Validation phase	401	0	FR	8539	Process failed: missing input
20230122	0330	9185	8809	-2147	-2147	-1771	Critical Branch	Validation phase	376	0	FR	8539	Process failed: missing input
20230122	0430	9185	8809	-2147	-2147	-1771	Critical Branch	Validation phase	376	0	FR	8539	Process failed: missing input
20230122	0530	9185	8809	-2147	-2147	-1771	Critical Branch	Validation phase	376	0	FR	8539	Process failed: missing input
20230122	0630	9185	8809	-2147	-2147	-1771	Critical Branch	Validation phase	376	0	FR	8539	Process failed: missing input
20230122	0730	9318	8809	-3693	-3693	-3185	Critical Branch	Validation phase	509	0	FR	8535	Process failed: missing input
20230122	0830	9318	8809	-3693	-3693	-3185	Critical Branch	Validation phase	509	0	FR	8535	Process failed: missing input
20230122	0930	9346	8810	-4033	-4033	-3497	Critical Branch	Validation phase	536	0	FR	8535	Process failed: missing input
20230122	1030	9346	8810	-4033	-4033	-3497	Critical Branch	Validation phase	536	0	FR	8535	Process failed: missing input
20230122	1130	9346	8810	-4033	-4033	-3497	Critical Branch	Validation phase	536	0	FR	8535	Process failed: missing input
20230122	1230	8898	8810	-3206	-3206	-3118	Critical Branch	Validation phase	88	0	FR	8535	Process failed: missing input
20230122	1330	8898	8810	-3206	-3206	-3118	Critical Branch	Validation phase	88	0	FR	8535	Process failed: missing input

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230122	1430	8898	8810	-3206	-3206	-3118	Critical Branch	Validation phase	88	0	FR	8535	Process failed: missing input
20230122	1530	9847	8810	-2775	-2775	-1738	Critical Branch	Validation phase	1037	0	FR	8535	Process failed: missing input
20230122	1630	9847	8810	-2775	-2775	-1738	Critical Branch	Validation phase	1037	0	FR	8535	Process failed: missing input
20230122	1730	9847	8810	-2775	-2775	-1738	Critical Branch	Validation phase	1037	0	FR	8535	Process failed: missing input
20230122	1830	9812	8810	-4055	-4055	-3053	Critical Branch	Validation phase	1002	0	FR	8535	Process failed: missing input
20230122	1930	9812	8810	-4055	-4055	-3053	Critical Branch	Validation phase	1002	0	FR	8535	Process failed: missing input
20230122	2030	9812	8810	-4055	-4055	-3053	Critical Branch	Validation phase	1002	0	FR	8535	Process failed: missing input
20230122	2130	10137	8810	-4717	-4717	-3390	Critical Branch	Validation phase	1327	0	FR	8535	Process failed: missing input
20230122	2230	10137	8810	-4717	-4717	-3390	Critical Branch	Validation phase	1327	0	FR	8535	Process failed: missing input
20230122	2330	10137	8810	-4717	-4717	-3389	Critical Branch	Validation phase	1327	0	FR	8539	Process failed: missing input
20230123	1230	9659	8185	-7238	-7238	-7054	Critical Branch	Validation phase	1474	0	IT	9200	N-2 SFI-ROB GOR-ROB su SIL-SOA 102%
20230123	1330	9659	8185	-7238	-7238	-7054	Critical Branch	Validation phase	1474	0	IT	9200	N-2 SFI-ROB GOR-ROB su SIL-SOA 102%
20230123	1430	9659	9475	-7238	-7238	-7054	Critical Branch	Validation phase	184	0	IT	9200	N-2 SFI-ROB GOR-ROB su SIL-SOA 102%
20230124	1230	10275	9285	-5192	-5192	-4692	Critical Branch	Validation phase	990	0	IT	9500	N-2 ABV-RON1&2 on VLR- VNS(102.6%)
20230124	1330	10275	9285	-5192	-5192	-4692	Critical Branch	Validation phase	990	0	IT	9500	N-2 ABV-RON1&2 on VLR-VNS(102.6%)
20230124	1430	10275	9775	-5192	-5192	-4692	Critical Branch	Validation phase	500	0	IT	9500	N-2 ABV-RON1&2 on VLR- VNS(102.6%)
20230124	1530	10341	9775	-4553	-4553	-4053	Critical Branch	Validation phase	566	0	IT	9566	N-2 ABV-RON1&2 on VLR-VNS(103%)

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230124	1630	10341	9775	-4553	-4553	-4053	Critical Branch	Validation phase	566	0	IT	9566	N-2 ABV-RON1&2 on VLR-VNS(103%)
20230124	1730	10341	9841	-4553	-4553	-4053	Critical Branch	Validation phase	500	0	IT	9566	N-2 ABV-RON1&2 on VLR-VNS(103%)
20230124	1830	9854	9841	-4047	-4047	-4000	Critical Branch	Validation phase	13	0	CH	9532	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230124	1930	9854	9841	-4047	-4047	-4000	Critical Branch	Validation phase	13	0	CH	9532	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230124	2030	9854	9807	-4047	-4047	-3958	Critical Branch	Smoothing ramp	47	0	Smoothing		
20230126	0730	9860	7470	-3436	-3436	-2546	Critical Branch	Smoothing ramp	2390	0	Smoothing		
20230127	0730	10106	8708	-3520	-3520	-3217	Critical Branch	Validation phase	1398	0	CH	9528	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230127	0830	10106	8708	-3520	-3520	-3217	Critical Branch	Validation phase	1398	0	CH	9528	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230128	1230	9691	8185	-2038	-2038	-2032	Critical Branch	Smoothing ramp	1506	0	Smoothing		
20230130	0730	10130	9570	-2689	-2689	-2129	Critical Branch	Smoothing ramp	560	0	Smoothing		

Table 3: D2 TS with global TTC reduction during the validation process for February

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230201	1530	10028	9910	-3897	-3897	-3779	Critical Branch	Validation phase	118	0	CH	9635	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230201	1630	10028	9910	-3897	-3897	-3779	Critical Branch	Validation phase	118	0	CH	9635	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230201	1730	10028	9910	-3897	-3897	-3779	Critical Branch	Validation phase	118	0	CH	9635	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230201	1830	9554	9526	-3984	-3984	-3956	Critical Branch	Validation phase	28	0	CH	9251	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230201	1930	9554	9526	-3984	-3984	-3956	Critical Branch	Validation phase	28	0	CH	9251	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230201	2030	9554	9526	-3984	-3984	-3956	Critical Branch	Validation phase	28	0	CH	9251	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230202	2130	10062	9903	-3353	-3353	-3194	Critical Branch	Validation phase	159	0	CH	9628	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230202	2230	10062	9903	-3353	-3353	-3194	Critical Branch	Validation phase	159	0	CH	9628	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230202	2330	9247	9088	-2505	-2505	-2346	Critical Branch	Validation phase	159	0	CH	8818	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230204	0830	9138	8675	-6969	-6969	-6506	Critical Branch	Validation phase	463	0	IT	8400	PISA out of service
20230205	1830	9252	9183	-3244	-3244	-3175	Critical Branch	Validation phase	69	0	CH	8908	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
20230205	1930	9252	9183	-3244	-3244	-3175	Critical Branch	Validation phase	69	0	CH	8908	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230205	2030	9252	9183	-3244	-3244	-3175	Critical Branch	Validation phase	69	0	CH	8908	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230208	0830	10174	10085	-3267	-3267	-3178	Critical Branch	Smoothing ramp	89	0	Smoothing		
20230208	1530	10423	10085	-3687	-3687	-3349	Critical Branch	Smoothing ramp	338	0	Smoothing		
20230208	1630	10423	10200	-3687	-3687	-3464	Critical Branch	Validation phase	223	0	CH	9925	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230208	1730	10623	10200	-3913	-3913	-3490	Critical Branch	Validation phase	423	0	CH	9925	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230208	2130	10264	10043	-3095	-3095	-2874	Critical Branch	Validation phase	221	0	CH	9768	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230208	2230	10264	10043	-3095	-3095	-2874	Critical Branch	Validation phase	221	0	CH	9768	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230208	2330	10264	10043	-3067	-3067	-2846	Critical Branch	Validation phase	221	0	CH	9773	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230209	1530	10541	10201	-2345	-2345	-2005	Critical Branch	Validation phase	340	0	CH	9926	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230209	1630	10541	10201	-2345	-2345	-2005	Critical Branch	Validation phase	340	0	CH	9926	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230209	1730	10541	10201	-2345	-2345	-2005	Critical Branch	Validation phase	340	0	CH	9926	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
20230210	0030	9768	9625	-3611	-3611	-3468	Critical Branch	Validation phase	143	0	CH	9355	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230210	0130	9768	9625	-3611	-3611	-3468	Critical Branch	Validation phase	143	0	CH	9355	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230210	0230	9768	9625	-3611	-3611	-3468	Critical Branch	Validation phase	143	0	CH	9355	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230210	0930	9076	9039	-3657	-3657	-3620	Critical Branch	Validation phase	37	0	CH	8764	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230210	1030	9076	9039	-3657	-3657	-3620	Critical Branch	Validation phase	37	0	CH	8764	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230210	1130	9076	9039	-3657	-3657	-3620	Critical Branch	Validation phase	37	0	CH	8764	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230210	1230	9403	9210	-3012	-3012	-2819	Critical Branch	Validation phase	193	0	CH	8935	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230210	1330	9403	9210	-3012	-3012	-2819	Critical Branch	Validation phase	193	0	CH	8935	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230210	1430	10035	9691	-3644	-3644	-3300	Critical Branch	Validation phase	344	0	CH	9416	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230210	1530	9919	9691	-3346	-3346	-3118	Critical Branch	Validation phase	228	0	CH	9416	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230210	1630	9919	9691	-3346	-3346	-3118	Critical Branch	Validation phase	228	0	CH	9416	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				Reason
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	
20230210	1730	9919	9691	-3346	-3346	-3118	Critical Branch	Validation phase	228	0	CH	9416	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230211	0230	9957	9570	-2700	-2700	-2313	Critical Branch	Smoothing ramp	387	0	Smoothing		
20230213	0030	9559	9311	-4370	-4370	-4122	Critical Branch	Validation phase	248	0	CH	9041	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	0130	9559	9311	-4370	-4370	-4122	Critical Branch	Validation phase	248	0	CH	9041	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	0230	9559	9311	-4370	-4370	-4122	Critical Branch	Validation phase	248	0	CH	9041	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	0330	9338	9145	-3746	-3746	-3553	Critical Branch	Validation phase	193	0	CH	8875	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	0430	9338	9145	-3746	-3746	-3553	Critical Branch	Validation phase	193	0	CH	8875	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	0530	9338	9145	-3746	-3746	-3553	Critical Branch	Validation phase	193	0	CH	8875	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	0630	9338	9145	-3746	-3746	-3553	Critical Branch	Validation phase	193	0	CH	8875	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	0930	9965	9890	-3460	-3460	-3385	Critical Branch	Validation phase	75	0	CH	9615	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	1030	9965	9890	-3460	-3460	-3385	Critical Branch	Validation phase	75	0	CH	9615	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	1130	9965	9890	-3460	-3460	-3385	Critical Branch	Validation phase	75	0	CH	9615	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				Reason
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	
20230213	1230	9439	9303	-2724	-2724	-2588	Critical Branch	Validation phase	136	0	CH	9028	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	1330	9439	9303	-2724	-2724	-2588	Critical Branch	Validation phase	136	0	CH	9028	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	1430	9439	9303	-2724	-2724	-2588	Critical Branch	Validation phase	136	0	CH	9028	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	1830	9770	9458	-3219	-3219	-2907	Critical Branch	Validation phase	312	0	CH	9183	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	1930	9770	9458	-3219	-3219	-2907	Critical Branch	Validation phase	312	0	CH	9183	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	2030	9770	9458	-3219	-3219	-2907	Critical Branch	Validation phase	312	0	CH	9183	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	2130	10125	9895	-3741	-3741	-3511	Critical Branch	Validation phase	230	0	CH	9620	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	2230	10125	9895	-3741	-3741	-3511	Critical Branch	Validation phase	230	0	CH	9620	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	2330	10125	9895	-3719	-3719	-3489	Critical Branch	Validation phase	230	0	CH	9625	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230214	0730	10195	9660	-4026	-4026	-3491	Critical Branch	Validation phase	535	0	CH	9385	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230214	0830	10195	9660	-4026	-4026	-3491	Critical Branch	Validation phase	535	0	CH	9385	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				Reason
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	
20230214	1230	9319	9280	-3444	-3444	-3405	Critical Branch	Validation phase	39	0	CH	9005	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230214	1330	9319	9280	-3444	-3444	-3405	Critical Branch	Validation phase	39	0	CH	9005	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230214	1430	10035	9996	-4160	-4160	-4121	Critical Branch	Validation phase	39	0	CH	9721	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230214	1530	10944	9646	-3333	-3333	-2035	Critical Branch	Validation phase	1298	0	CH	9371	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230214	1630	10944	9646	-3333	-3333	-2035	Critical Branch	Validation phase	1298	0	CH	9371	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230214	1730	10944	9646	-3333	-3333	-2035	Critical Branch	Validation phase	1298	0	CH	9371	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230214	2130	10107	9757	-3298	-3298	-2948	Critical Branch	Validation phase	350	0	CH	9482	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230214	2230	10107	9757	-3298	-3298	-2948	Critical Branch	Validation phase	350	0	CH	9482	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230214	2330	10107	9757	-3271	-3271	-2921	Critical Branch	Validation phase	350	0	CH	9487	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230215	0330	9190	9057	-2559	-2559	-2426	Critical Branch	Validation phase	133	0	CH	8787	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 PRADELLA- ROBBIA
20230215	0430	9190	9057	-2559	-2559	-2426	Critical Branch	Validation phase	133	0	CH	8787	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 PRADELLA- ROBBIA

		TTC		ANTC			LimitedBy		Validation				Reason
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	
20230215	0530	9190	9057	-2559	-2559	-2426	Critical Branch	Validation phase	133	0	CH	8787	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 PRADELLA-ROBBIA
20230215	0630	9220	9087	-2589	-2589	-2456	Critical Branch	Validation phase	133	0	CH	8817	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 PRADELLA-ROBBIA
20230215	0730	10293	10152	-3592	-3592	-3451	Critical Branch	Validation phase	141	0	CH	9877	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230215	0830	9693	9552	-3059	-3059	-2918	Critical Branch	Validation phase	141	0	CH	9277	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230215	0930	9842	9604	-3521	-3521	-3283	Critical Branch	Validation phase	238	0	CH	9329	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230215	1030	9842	9604	-3521	-3521	-3283	Critical Branch	Validation phase	238	0	CH	9329	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230215	1130	9842	9604	-3521	-3521	-3283	Critical Branch	Validation phase	238	0	CH	9329	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230215	1530	10566	9966	-2244	-2244	-1644	Critical Branch	Validation phase	600	0	CH	9691	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230215	1630	10566	9966	-2244	-2244	-1644	Critical Branch	Validation phase	600	0	CH	9691	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230215	1730	10566	9966	-2244	-2244	-1644	Critical Branch	Validation phase	600	0	CH	9691	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230215	1830	10100	10044	-3300	-3300	-3244	Critical Branch	Validation phase	56	0	CH	9769	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				Reason
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	
20230215	1930	10100	10044	-3300	-3300	-3244	Critical Branch	Validation phase	56	0	CH	9769	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230215	2030	10100	10044	-3300	-3300	-3244	Critical Branch	Validation phase	56	0	CH	9769	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230216	0030	9108	8564	-2215	-2215	-1671	Critical Branch	Validation phase	544	0	CH	8294	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230216	0130	9108	8564	-2215	-2215	-1671	Critical Branch	Validation phase	544	0	CH	8294	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230216	0230	9108	8564	-2215	-2215	-1671	Critical Branch	Validation phase	544	0	CH	8294	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230216	0330	9388	8243	-2117	-2117	-972	Critical Branch	Validation phase	1145	0	CH	7973	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230216	0430	9388	8243	-2117	-2117	-972	Critical Branch	Validation phase	1145	0	CH	7973	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230216	0530	9388	8243	-2117	-2117	-972	Critical Branch	Validation phase	1145	0	CH	7973	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230216	0630	9388	8243	-2117	-2117	-972	Critical Branch	Validation phase	1145	0	CH	7973	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230216	0730	9795	8398	-4361	-4361	-2964	Critical Branch	Validation phase	1397	0	CH	8123	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230216	0830	9795	8398	-4361	-4361	-2964	Critical Branch	Validation phase	1397	0	CH	8123	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230216	0930	9982	9002	-3121	-3121	-2141	Critical Branch	Validation phase	980	0	CH	8727	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230216	1030	9982	9002	-3121	-3121	-2141	Critical Branch	Validation phase	980	0	CH	8727	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230216	1130	9982	9002	-3121	-3121	-2141	Critical Branch	Validation phase	980	0	CH	8727	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230216	1230	9416	8942	-3177	-3177	-2703	Critical Branch	Validation phase	474	0	CH	8667	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230216	1330	9416	8942	-3177	-3177	-2703	Critical Branch	Validation phase	474	0	CH	8667	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230216	1430	9416	8942	-3177	-3177	-2703	Critical Branch	Validation phase	474	0	CH	8667	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230216	1530	10130	9716	-4373	-4373	-3959	Critical Branch	Validation phase	414	0	CH	9441	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230216	1630	10130	9716	-4373	-4373	-3959	Critical Branch	Validation phase	414	0	CH	9441	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230216	1730	10130	9716	-4373	-4373	-3959	Critical Branch	Validation phase	414	0	CH	9441	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230216	1830	9290	9051	-3861	-3861	-3622	Critical Branch	Validation phase	239	0	CH	8776	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230216	1930	9290	9051	-3861	-3861	-3622	Critical Branch	Validation phase	239	0	CH	8776	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				Reason
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	
20230216	2030	9290	9051	-3861	-3861	-3622	Critical Branch	Validation phase	239	0	CH	8776	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230217	0330	8853	8550	-2148	-2148	-1845	Critical Branch	Validation phase	303	0	CH	8280	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230217	0430	8853	8550	-2148	-2148	-1845	Critical Branch	Validation phase	303	0	CH	8280	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230217	0530	8853	8550	-2148	-2148	-1845	Critical Branch	Validation phase	303	0	CH	8280	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230217	0630	8853	8550	-2148	-2148	-1845	Critical Branch	Validation phase	303	0	CH	8280	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230217	0730	9642	9133	-4150	-4150	-3641	Critical Branch	Validation phase	509	0	CH	8858	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230217	0830	9642	9133	-4150	-4150	-3641	Critical Branch	Validation phase	509	0	CH	8858	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230217	1230	8862	8515	-2608	-2608	-2261	Critical Branch	Validation phase	347	0	CH	8240	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230217	1330	8862	8515	-2608	-2608	-2261	Critical Branch	Validation phase	347	0	CH	8240	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230217	1430	8862	8515	-2608	-2608	-2261	Critical Branch	Validation phase	347	0	CH	8240	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230217	1530	10401	9374	-2720	-2720	-1693	Critical Branch	Validation phase	1027	0	CH	9099	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
20230217	1630	10401	9374	-2720	-2720	-1693	Critical Branch	Validation phase	1027	0	CH	9099	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230217	1730	11001	9374	-3282	-3282	-1655	Critical Branch	Validation phase	1627	0	CH	9099	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230219	0030	8207	7946	-2450	-2450	-2189	Critical Branch	Validation phase	261	0	CH	7676	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230219	0130	8207	7946	-2450	-2450	-2189	Critical Branch	Validation phase	261	0	CH	7676	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230219	0230	8207	7946	-2450	-2450	-2189	Critical Branch	Validation phase	261	0	CH	7676	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230219	0730	8895	8731	-2922	-2922	-2758	Critical Branch	Validation phase	164	0	CH	8456	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230219	0830	8895	8731	-2922	-2922	-2758	Critical Branch	Validation phase	164	0	CH	8456	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230219	0930	9728	9552	-2880	-2880	-2704	Critical Branch	Validation phase	176	0	CH	9277	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230219	1030	9728	9552	-2880	-2880	-2704	Critical Branch	Validation phase	176	0	CH	9277	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230219	1130	9728	9552	-2880	-2880	-2704	Critical Branch	Validation phase	176	0	CH	9277	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230219	1830	8900	8791	-3141	-3141	-3032	Critical Branch	Validation phase	109	0	CH	8516	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
20230219	1930	8900	8791	-3141	-3141	-3032	Critical Branch	Validation phase	109	0	CH	8516	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230219	2030	8900	8791	-3141	-3141	-3032	Critical Branch	Validation phase	109	0	CH	8516	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230219	2130	8346	8120	-2823	-2823	-2597	Critical Branch	Validation phase	226	0	CH	7845	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230219	2230	8346	8120	-2823	-2823	-2597	Critical Branch	Validation phase	226	0	CH	7845	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230219	2330	8346	8120	-2823	-2823	-2597	Critical Branch	Validation phase	226	0	CH	7850	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230220	0030	8312	8003	-2788	-2788	-2479	Critical Branch	Validation phase	309	0	CH	7733	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230220	0130	8312	8003	-2788	-2788	-2479	Critical Branch	Validation phase	309	0	CH	7733	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230220	0230	8312	8003	-2788	-2788	-2479	Critical Branch	Validation phase	309	0	CH	7733	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230220	0330	8670	8371	-2459	-2459	-2160	Critical Branch	Validation phase	299	0	CH	8101	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230220	0430	8670	8371	-2459	-2459	-2160	Critical Branch	Validation phase	299	0	CH	8101	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230220	0530	8670	8371	-2459	-2459	-2160	Critical Branch	Validation phase	299	0	CH	8101	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				Reason
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	
20230220	0630	8670	8371	-2459	-2459	-2160	Critical Branch	Validation phase	299	0	CH	8101	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230220	0730	7995	7617	-2276	-2276	-1898	Critical Branch	Validation phase	378	0	CH	7342	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230220	0830	7995	7617	-2276	-2276	-1898	Critical Branch	Validation phase	378	0	CH	7342	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230220	0930	8214	7314	-2189	-2189	-1289	Critical Branch	Validation phase	900	0	CH	7039	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230220	1030	8214	7314	-2189	-2189	-1289	Critical Branch	Validation phase	900	0	CH	7039	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230220	1130	8214	7314	-2189	-2189	-1289	Critical Branch	Validation phase	900	0	CH	7039	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230220	1230	8299	7726	-1818	-1818	-1245	Critical Branch	Validation phase	573	0	CH	7451	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230220	1330	8299	7726	-1818	-1818	-1245	Critical Branch	Validation phase	573	0	CH	7451	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230220	1430	8299	7726	-1818	-1818	-1245	Critical Branch	Validation phase	573	0	CH	7451	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230220	1530	8391	7684	-1836	-1836	-1129	Critical Branch	Validation phase	707	0	CH	7409	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230220	1630	8391	7684	-1836	-1836	-1129	Critical Branch	Validation phase	707	0	CH	7409	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				Reason
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	
20230220	1730	8391	7684	-1836	-1836	-1129	Critical Branch	Validation phase	707	0	CH	7409	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230220	1830	8010	7743	-2101	-2101	-1834	Critical Branch	Validation phase	267	0	CH	7468	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230220	1930	8010	7743	-2101	-2101	-1834	Critical Branch	Validation phase	267	0	CH	7468	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230220	2030	8010	7743	-2101	-2101	-1834	Critical Branch	Validation phase	267	0	CH	7468	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	0030	6870	6342	-1802	-1802	-1274	TTC Selection - LTTC	Validation phase	528	0	CH	6072	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	0130	6870	6342	-1802	-1802	-1274	TTC Selection - LTTC	Validation phase	528	0	CH	6072	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	0230	6870	6342	-1802	-1802	-1274	TTC Selection - LTTC	Validation phase	528	0	CH	6072	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	0330	6870	6126	-2152	-2152	-1408	TTC Selection - LTTC	Validation phase	744	0	CH	5856	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	0430	6870	6126	-2152	-2152	-1408	TTC Selection - LTTC	Validation phase	744	0	CH	5856	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	0530	6870	6126	-2152	-2152	-1408	TTC Selection - LTTC	Validation phase	744	0	CH	5856	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	0630	8020	7276	-3302	-3302	-2558	TTC Selection - LTTC	Validation phase	744	0	CH	7006	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
20230221	0730	8190	7086	-2619	-2619	-1515	Critical Branch	Validation phase	1104	0	CH	6811	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	0830	8190	7086	-2619	-2619	-1515	Critical Branch	Validation phase	1104	0	CH	6811	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	1230	7767	6746	-2400	-2400	-1379	Critical Branch	Validation phase	1021	0	CH	6471	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	1330	7767	6746	-2400	-2400	-1379	Critical Branch	Validation phase	1021	0	CH	6471	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	1430	8635	7614	-3268	-3268	-2247	Critical Branch	Validation phase	1021	0	CH	7339	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	1530	8273	6940	-2438	-2438	-1105	Critical Branch	Validation phase	1333	0	CH	6665	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	1630	8273	6940	-2438	-2438	-1105	Critical Branch	Validation phase	1333	0	CH	6665	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	1730	8273	6940	-2438	-2438	-1105	Critical Branch	Validation phase	1333	0	CH	6665	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	1830	7418	6973	-3384	-3384	-2939	Critical Branch	Validation phase	445	0	CH	6698	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	1930	7418	6973	-3384	-3384	-2939	Critical Branch	Validation phase	445	0	CH	6698	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	2030	7418	6973	-3384	-3384	-2939	Critical Branch	Validation phase	445	0	CH	6698	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
20230221	2130	7437	6683	-2718	-2718	-1964	Critical Branch	Validation phase	754	0	CH	6408	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	2230	7437	6683	-2718	-2718	-1964	Critical Branch	Validation phase	754	0	CH	6408	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230221	2330	7437	6683	-2706	-2706	-1952	Critical Branch	Validation phase	754	0	CH	6413	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230222	1530	8378	7789	-4520	-4520	-3931	Critical Branch	Validation phase	589	0	CH	7514	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230222	1630	8378	7789	-4520	-4520	-3931	Critical Branch	Validation phase	589	0	CH	7514	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230222	1730	8378	7789	-4520	-4520	-3931	Critical Branch	Validation phase	589	0	CH	7514	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230222	1830	7556	7434	-2813	-2813	-2691	Critical Branch	Validation phase	122	0	CH	7159	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230222	1930	7556	7434	-2813	-2813	-2691	Critical Branch	Validation phase	122	0	CH	7159	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230222	2030	7556	7434	-2813	-2813	-2691	Critical Branch	Validation phase	122	0	CH	7159	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230222	2130	8136	7314	-2573	-2573	-1751	Critical Branch	Validation phase	822	0	CH	7039	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230222	2230	8136	7314	-2573	-2573	-1751	Critical Branch	Validation phase	822	0	CH	7039	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				Reason
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	
20230222	2330	7521	6699	-1943	-1943	-1121	Critical Branch	Validation phase	822	0	CH	6429	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	0030	8087	7291	-2273	-2273	-1477	Critical Branch	Validation phase	796	0	CH	7021	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	0130	8087	7291	-2273	-2273	-1477	Critical Branch	Validation phase	796	0	CH	7021	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	0230	8087	7291	-2273	-2273	-1477	Critical Branch	Validation phase	796	0	CH	7021	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	0330	8124	7565	-1767	-1767	-1208	Critical Branch	Validation phase	559	0	CH	7295	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	0430	8124	7565	-1767	-1767	-1208	Critical Branch	Validation phase	559	0	CH	7295	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	0530	8124	7565	-1767	-1767	-1208	Critical Branch	Validation phase	559	0	CH	7295	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	0630	8124	7565	-1767	-1767	-1208	Critical Branch	Validation phase	559	0	CH	7295	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	0730	8927	8005	-4448	-4448	-3526	Critical Branch	Validation phase	922	0	CH	7730	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	0830	8927	8005	-4448	-4448	-3526	Critical Branch	Validation phase	922	0	CH	7730	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	1230	7725	7446	-3268	-3268	-2989	Critical Branch	Validation phase	279	0	CH	7171	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				Reason
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	
20230223	1330	7725	7446	-3268	-3268	-2989	Critical Branch	Validation phase	279	0	CH	7171	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	1430	7725	7446	-3268	-3268	-2989	Critical Branch	Validation phase	279	0	CH	7171	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	1530	8748	8465	-2195	-2195	-1912	Critical Branch	Validation phase	283	0	CH	8190	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	1630	8748	8465	-2195	-2195	-1912	Critical Branch	Validation phase	283	0	CH	8190	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	1730	8748	8465	-2195	-2195	-1912	Critical Branch	Validation phase	283	0	CH	8190	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	1830	7677	7592	-3372	-3372	-3287	Critical Branch	Validation phase	85	0	CH	7317	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	1930	7677	7592	-3372	-3372	-3287	Critical Branch	Validation phase	85	0	CH	7317	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	2030	7677	7592	-3372	-3372	-3287	Critical Branch	Validation phase	85	0	CH	7317	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	2130	7684	7387	-3177	-3177	-2880	Critical Branch	Validation phase	297	0	CH	7112	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	2230	7684	7387	-3177	-3177	-2880	Critical Branch	Validation phase	297	0	CH	7112	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230223	2330	7069	6772	-2551	-2551	-2254	Critical Branch	Validation phase	297	0	CH	6502	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
20230224	0030	7553	7027	-3499	-3499	-2973	Critical Branch	Validation phase	526	0	CH	6757	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230224	0130	7553	7027	-3499	-3499	-2973	Critical Branch	Validation phase	526	0	CH	6757	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230224	0230	7553	7027	-3499	-3499	-2973	Critical Branch	Validation phase	526	0	CH	6757	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230224	0330	8265	7702	-1978	-1978	-1415	Critical Branch	Validation phase	563	0	CH	7432	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230224	0430	8265	7702	-1978	-1978	-1415	Critical Branch	Validation phase	563	0	CH	7432	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230224	0530	8265	7702	-1978	-1978	-1415	Critical Branch	Validation phase	563	0	CH	7432	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230224	0630	8265	7702	-1978	-1978	-1415	Critical Branch	Validation phase	563	0	CH	7432	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230224	0930	8585	8381				Scheduled TTC	Validation phase	204	0	CH	8106	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230224	1030	8585	8381				Scheduled TTC	Validation phase	204	0	CH	8106	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230224	1130	8585	8381				Scheduled TTC	Validation phase	204	0	CH	8106	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230224	1830	7850	7787	-3046	-3046	-2983	Critical Branch	Validation phase	63	0	CH	7512	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				Reason
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	
20230224	1930	7850	7787	-3046	-3046	-2983	Critical Branch	Validation phase	63	0	CH	7512	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230224	2030	7850	7787	-3046	-3046	-2983	Critical Branch	Validation phase	63	0	CH	7512	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230224	2130	8585	7384	-3639	-3639	-2438	Critical Branch	Validation phase	1201	0	CH	7109	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230224	2230	7649	6448	-2703	-2703	-1502	Critical Branch	Validation phase	1201	0	CH	6173	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230224	2330	7034	5833	-2073	-2073	-872	Critical Branch	Validation phase	1201	0	CH	5563	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	0030	8045	7490	-2620	-2620	-2065	Critical Branch	Validation phase	555	0	CH	7220	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	0130	8045	7490	-2620	-2620	-2065	Critical Branch	Validation phase	555	0	CH	7220	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	0230	8045	7490	-2620	-2620	-2065	Critical Branch	Validation phase	555	0	CH	7220	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	0330	7065	6747	-2300	-2300	-1982	Critical Branch	Validation phase	318	0	CH	6477	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	0430	7065	6747	-2300	-2300	-1982	Critical Branch	Validation phase	318	0	CH	6477	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	0530	7065	6747	-2300	-2300	-1982	Critical Branch	Validation phase	318	0	CH	6477	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				Reason
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	
20230225	0630	7065	6747	-2300	-2300	-1982	Critical Branch	Validation phase	318	0	CH	6477	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230225	0730	7573	7265	-2489	-2489	-2181	Critical Branch	Validation phase	308	0	CH	6990	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	0830	7573	7265	-2489	-2489	-2181	Critical Branch	Validation phase	308	0	CH	6990	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	0930	7817	7522	-2863	-2863	-2568	Critical Branch	Validation phase	295	0	CH	7247	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	1030	7817	7522	-2863	-2863	-2568	Critical Branch	Validation phase	295	0	CH	7247	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	1130	7817	7522	-2863	-2863	-2568	Critical Branch	Validation phase	295	0	CH	7247	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	1530	7976	7635	-2587	-2587	-2246	Critical Branch	Validation phase	341	0	CH	7360	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	1630	7976	7635	-2587	-2587	-2246	Critical Branch	Validation phase	341	0	CH	7360	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	1730	7976	7635	-2587	-2587	-2246	Critical Branch	Validation phase	341	0	CH	7360	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	2130	7601	7569	-1753	-1753	-1721	Critical Branch	Validation phase	32	0	CH	7294	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	2230	7601	7569	-1753	-1753	-1721	Critical Branch	Validation phase	32	0	CH	7294	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
20230225	2330	6986	6954	-1123	-1123	-1091	Critical Branch	Validation phase	32	0	CH	6684	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230226	1530	8924	8220	-2878	-2878	-2174	Critical Branch	Smoothing ramp	704	0	Smoothing		
20230226	1730	8924	8220	-2878	-2878	-2174	Critical Branch	Smoothing ramp	704	0	Smoothing		

Table 4: D2 TS with bilateral TTC reduction during the validation process for February

		TTC			ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230204	0030	8070	7559	2729	-7528	-7528	-7017	TTC Selection - LTTC	TTC Selection - LTTC	511	0	FR	2729	Bilateral - Retrait HVDC GRANDE ILE - PIOSSASCO 2
20230204	0130	8070	7559	2729	-7528	-7528	-7017	TTC Selection - LTTC	TTC Selection - LTTC	511	0	FR	2729	Bilateral - Retrait HVDC GRANDE ILE - PIOSSASCO 2
20230204	0230	8070	7559	2729	-7528	-7528	-7017	TTC Selection - LTTC	TTC Selection - LTTC	511	0	FR	2729	Bilateral - Retrait HVDC GRANDE ILE - PIOSSASCO 2
20230204	0330	8070	7559	2729	-9843	-9843	-9303	TTC Selection - LTTC	TTC Selection - LTTC	511	0	FR	2729	Bilateral - Retrait HVDC GRANDE ILE - PIOSSASCO 2
20230204	0430	8070	7559	2729	-9843	-9843	-9303	TTC Selection - LTTC	TTC Selection - LTTC	511	0	FR	2729	Bilateral - Retrait HVDC GRANDE ILE - PIOSSASCO 2
20230204	0530	8070	7559	2729	-9843	-9843	-9303	TTC Selection - LTTC	TTC Selection - LTTC	511	0	FR	2729	Bilateral - Retrait HVDC GRANDE ILE - PIOSSASCO 2
20230204	0630	8070	7559	2729	-9843	-9843	-9303	TTC Selection - LTTC	TTC Selection - LTTC	511	0	FR	2729	Bilateral - Retrait HVDC GRANDE ILE - PIOSSASCO 2
20230204	0730	9138	8629	3007	-6969	-6969	-6476	Critical Branch	Critical Branch	509	0	FR	3007	Bilateral - Retrait HVDC GRANDE ILE - PIOSSASCO 2

Table 5: D2 TS with global TTC reduction during the validation process for March

		TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230301	0030	7070	5820				Scheduled TTC	Validation phase	1250	0	IT	5550	Critical Branch LAV-MUS 400kV out of service
20230301	0130	7070	5820				Scheduled TTC	Validation phase	1250	0	IT	5550	Critical Branch LAV-MUS 400kV out of service
20230301	0230	7070	5820				Scheduled TTC	Validation phase	1250	0	IT	5550	Critical Branch LAV-MUS 400kV out of service
20230301	0330	7070	4675				Scheduled TTC	Validation phase	2395	0	IT	4405	Critical Branch LAV-MUS 400kV out of service
20230301	0430	7070	4675				Scheduled TTC	Validation phase	2395	0	IT	4405	Critical Branch LAV-MUS 400kV out of service
20230301	0530	7070	4675				Scheduled TTC	Validation phase	2395	0	IT	4405	Critical Branch LAV-MUS 400kV out of service
20230301	0630	7070	4675				Scheduled TTC	Validation phase	2395	0	IT	4405	Critical Branch LAV-MUS 400kV out of service
20230301	0730	7685	5695				Scheduled TTC	Validation phase	1990	0	IT	5420	Critical Branch LAV-MUS 400kV out of service
20230301	0830	7685	5695				Scheduled TTC	Validation phase	1990	0	IT	5420	Critical Branch LAV-MUS 400kV out of service
20230301	0930	7685	5695				Scheduled TTC	Validation phase	1990	0	IT	5420	Critical Branch LAV-MUS 400kV out of service
20230301	1030	7685	5695				Scheduled TTC	Validation phase	1990	0	IT	5420	Critical Branch LAV-MUS 400kV out of service
20230301	1130	7685	5695				Scheduled TTC	Validation phase	1990	0	IT	5420	Critical Branch LAV-MUS 400kV out of service
20230301	1230	7685	6049				Scheduled TTC	Validation phase	1636	0	IT	5774	Critical Branch LAV-MUS 400kV out of service
20230301	1330	7685	6049				Scheduled TTC	Validation phase	1636	0	IT	5774	Critical Branch LAV-MUS 400kV out of service
20230301	1430	7685	6049				Scheduled TTC	Validation phase	1636	0	IT	5774	Critical Branch LAV-MUS 400kV out of service
20230301	1530	7685	6200				Scheduled TTC	Validation phase	1485	0	IT	5925	Critical Branch LAV-MUS 400kV out of service
20230301	1630	7685	6200				Scheduled TTC	Validation phase	1485	0	IT	5925	Critical Branch LAV-MUS 400kV out of service

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230301	1730	7685	6200				Scheduled TTC	Validation phase	1485	0	IT	5925	Critical Branch LAV-MUS 400kV out of service
20230301	1830	7685	6200				Scheduled TTC	Validation phase	1485	0	IT	5925	Critical Branch LAV-MUS 400kV out of service
20230301	1930	7685	6200				Scheduled TTC	Validation phase	1485	0	IT	5925	Critical Branch LAV-MUS 400kV out of service
20230301	2030	7685	6200				Scheduled TTC	Validation phase	1485	0	IT	5925	Critical Branch LAV-MUS 400kV out of service
20230301	2130	7685	5764				Scheduled TTC	Validation phase	1921	0	IT	5489	Critical Branch LAV-MUS 400kV out of service
20230301	2230	7685	5764				Scheduled TTC	Validation phase	1921	0	IT	5489	Critical Branch LAV-MUS 400kV out of service
20230301	2330	7685	5759				Scheduled TTC	Validation phase	1926	0	IT	5489	Critical Branch LAV-MUS 400kV out of service
20230302	0030	5920	5877	-4105	-4105	-4062	Selection - LTTC	Validation phase	43	0	CH	5607	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230302	0130	5920	5877	-4105	-4105	-4062	Selection - LTTC	Validation phase	43	0	CH	5607	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230302	0230	5920	5877	-4105	-4105	-4062	Selection - LTTC	Validation phase	43	0	CH	5607	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230302	0730	6435	6194	-2692	-2692	-2451	Selection - LTTC	Validation phase	241	0	CH	5919	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230302	0830	6435	6194	-2692	-2692	-2451	Selection - LTTC	Validation phase	241	0	CH	5919	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230302	1530	7267	6918	-2572	-2572	-2223	Critical Branch	Validation phase	349	0	CH	6643	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230302	1630	7267	6918	-2572	-2572	-2223	Critical Branch	Validation phase	349	0	CH	6643	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
20230302	1730	7267	6918	-2572	-2572	-2223	Critical Branch	Validation phase	349	0	CH	6643	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230302	1830	6435	6252	-3375	-3375	-3192	TTC Selection - LTTC	Validation phase	183	0	CH	5977	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230302	1930	6435	6252	-3375	-3375	-3192	TTC Selection - LTTC	Validation phase	183	0	CH	5977	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230302	2030	6435	6252	-3375	-3375	-3192	TTC Selection - LTTC	Validation phase	183	0	CH	5977	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230302	2130	6435	6011	-2547	-2547	-2123	TTC Selection - LTTC	Validation phase	424	0	CH	5736	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230302	2230	6435	6011	-2547	-2547	-2123	TTC Selection - LTTC	Validation phase	424	0	CH	5736	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230302	2330	6435	6011	-2536	-2536	-2112	TTC Selection - LTTC	Validation phase	424	0	CH	5741	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	0030	6344	5903	-1645	-1645	-1204	Critical Branch	Validation phase	441	0	CH	5633	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	0130	6344	5903	-1645	-1645	-1204	Critical Branch	Validation phase	441	0	CH	5633	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	0230	6344	5903	-1645	-1645	-1204	Critical Branch	Validation phase	441	0	CH	5633	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	0730	6435	6044	-2743	-2743	-2352	TTC Selection - LTTC	Validation phase	391	0	CH	5769	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	0830	6435	6044	-2743	-2743	-2352	TTC Selection - LTTC	Validation phase	391	0	CH	5769	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
20230303	0930	6435	6023	-2386	-2386	-1974	TTC Selection - LTTC	Validation phase	412	0	CH	5748	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	1030	6435	6023	-2386	-2386	-1974	TTC Selection - LTTC	Validation phase	412	0	CH	5748	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	1130	6435	6023	-2386	-2386	-1974	TTC Selection - LTTC	Validation phase	412	0	CH	5748	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	1530	6675	6219	-2152	-2152	-1696	Critical Branch	Validation phase	456	0	CH	5944	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	1630	6675	6219	-2152	-2152	-1696	Critical Branch	Validation phase	456	0	CH	5944	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	1730	6675	6219	-2152	-2152	-1696	Critical Branch	Validation phase	456	0	CH	5944	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	1830	6435	6101	-3256	-3256	-2922	TTC Selection - LTTC	Validation phase	334	0	CH	5826	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	1930	6435	6101	-3256	-3256	-2922	TTC Selection - LTTC	Validation phase	334	0	CH	5826	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	2030	6435	6101	-3256	-3256	-2922	TTC Selection - LTTC	Validation phase	334	0	CH	5826	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	2130	6435	6069	-2040	-2040	-1674	TTC Selection - LTTC	Validation phase	366	0	CH	5794	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	2230	6435	6069	-2040	-2040	-1674	TTC Selection - LTTC	Validation phase	366	0	CH	5794	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230303	2330	6435	6069	-2028	-2028	-1662	TTC Selection - LTTC	Validation phase	366	0	CH	5799	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
20230304	0030	6897	6437	-2738	-2738	-2278	Critical Branch	Validation phase	460	0	CH	6167	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	0130	6897	6437	-2738	-2738	-2278	Critical Branch	Validation phase	460	0	CH	6167	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	0230	6897	6437	-2738	-2738	-2278	Critical Branch	Validation phase	460	0	CH	6167	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	0330	6843	6430	-2087	-2087	-1674	Critical Branch	Validation phase	413	0	CH	6160	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	0430	6843	6430	-2087	-2087	-1674	Critical Branch	Validation phase	413	0	CH	6160	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	0530	6843	6430	-2087	-2087	-1674	Critical Branch	Validation phase	413	0	CH	6160	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	0630	6843	6430	-2087	-2087	-1674	Critical Branch	Validation phase	413	0	CH	6160	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	0730	7802	7320	-2756	-2756	-2274	Critical Branch	Validation phase	482	0	CH	7045	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	0830	7802	7320	-2756	-2756	-2274	Critical Branch	Validation phase	482	0	CH	7045	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	0930	8161	7875	-5172	-5172	-4886	Critical Branch	Validation phase	286	0	FR	7600	Process failed: missing input
20230304	1030	8161	7875	-5172	-5172	-4886	Critical Branch	Validation phase	286	0	FR	7600	Process failed: missing input
20230304	1130	8161	7875	-5172	-5172	-4886	Critical Branch	Validation phase	286	0	FR	7600	Process failed: missing input
20230304	1530	7364	6967	-4627	-4627	-4230	Critical Branch	Validation phase	397	0	CH	6692	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
20230304	1630	7364	6967	-4627	-4627	-4230	Critical Branch	Validation phase	397	0	CH	6692	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	1730	7364	6967	-4627	-4627	-4230	Critical Branch	Validation phase	397	0	CH	6692	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	1830	7150	7104	-5252	-5252	-5206	Critical Branch	Validation phase	46	0	CH	6829	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	1930	7150	7104	-5252	-5252	-5206	Critical Branch	Validation phase	46	0	CH	6829	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	2030	7150	7104	-5252	-5252	-5206	Critical Branch	Validation phase	46	0	CH	6829	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	2130	6868	6436	-1802	-1802	-1370	Critical Branch	Validation phase	432	0	CH	6161	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	2230	6868	6436	-1802	-1802	-1370	Critical Branch	Validation phase	432	0	CH	6161	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	2330	6253	5821	-1170	-1170	-738	Critical Branch	Validation phase	432	0	CH	5551	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230305	0930	7843	7320	-6441	-6441	-5918	Critical Branch	Smoothing ramp	523	0	Smoothing		
20230305	1030	7843	7581	-6441	-6441	-6179	Critical Branch	Validation phase	262	0	CH	7306	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230305	1130	7843	7581	-6441	-6441	-6179	Critical Branch	Validation phase	262	0	CH	7306	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230305	1230	8737	7581	-1937	-1937	-781	Critical Branch	Validation phase	1156	0	CH	7306	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
20230305	1330	8737	7581	-1937	-1937	-781	Critical Branch	Validation phase	1156	0	CH	7306	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230305	1430	8737	7581	-1937	-1937	-781	Critical Branch	Validation phase	1156	0	CH	7306	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230305	1530	8629	7581	-3152	-3152	-2104	Critical Branch	Validation phase	1048	0	CH	7306	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230305	1630	8629	7581	-3152	-3152	-2104	Critical Branch	Validation phase	1048	0	CH	7306	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230305	1730	8629	7581	-3152	-3152	-2104	Critical Branch	Validation phase	1048	0	CH	7306	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230306	0830	7685	6537	-3575	-3575	-2427	Critical Branch	Validation phase	1148	0	IT	6262	Correct value according to the implemented logic
20230306	1430	7685	6435	-5586	-5586	-4336	TTC Selection - LTTC	Validation phase	1250	0	IT	6160	correct value according to the implemented logic
20230306	2130	7685	6746	-3023	-3023	-2084	Critical Branch	Validation phase	939	0	IT	6471	Correct value according to the implemented logic
20230307	0830	7685	6435	-3286	-3286	-2036	TTC Selection - LTTC	Validation phase	1250	0	IT	6160	Correct value according to the implemented logic
20230307	1230	7472	6628	-2227	-2227	-1383	Critical Branch	Validation phase	844	0	CH	6353	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230307	1330	7472	6628	-2227	-2227	-1383	Critical Branch	Validation phase	844	0	CH	6353	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230307	1430	7685	6841	-2440	-2440	-1596	Critical Branch	Validation phase	844	0	CH	6566	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
20230307	1530	7242	6361	-1563	-1563	-682	Critical Branch	Validation phase	881	0	CH	6086	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230307	1630	7242	6361	-1563	-1563	-682	Critical Branch	Validation phase	881	0	CH	6086	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230307	1730	7242	6361	-1563	-1563	-682	Critical Branch	Validation phase	881	0	CH	6086	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230307	2130	7685	6673	-3780	-3780	-2768	Critical Branch	Validation phase	1012	0	IT	6398	Correct value according to the implemented logic
20230307	2230	6673	6619	-2768	-2768	-2714	Critical Branch	Validation phase	54	0	CH	6344	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230307	2330	6058	6004	-2143	-2143	-2089	Critical Branch	Validation phase	54	0	CH	5734	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230308	1430	7685	6435	-2952	-2952	-1702	TTC Selection - LTTC	Validation phase	1250	0	IT	6160	Correct value according to the implemented logic
20230308	1830	7166	6093	-2523	-2523	-1450	Critical Branch	Validation phase	1073	0	CH	5818	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230308	1930	7166	6093	-2523	-2523	-1450	Critical Branch	Validation phase	1073	0	CH	5818	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230308	2030	7166	6093	-2523	-2523	-1450	Critical Branch	Validation phase	1073	0	CH	5818	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230308	2130	7685	6435	-3206	-3206	-1956	TTC Selection - LTTC	Validation phase	1250	0	IT	6160	Correct value according to the implemented logic
20230309	0830	7505	7049	-1946	-1946	-1490	Critical Branch	Validation phase	456	0	IT	6774	MNII calculated by Coreso
20230309	1730	7685	7046	-3293	-3293	-2654	Critical Branch	Validation phase	639	0	IT	6771	MNII calculated by Coreso

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230309	2130	7685	7495	-3186	-3186	-2996	Critical Branch	Validation phase	190	0	IT	7220	MNII calculated by Coreso
20230311	0930	7121	7097	-2760	-2760	-2736	Critical Branch	Validation phase	24	0	CH	6822	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230311	1030	7121	7097	-2760	-2760	-2736	Critical Branch	Validation phase	24	0	CH	6822	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230311	1130	7121	7097	-2760	-2760	-2736	Critical Branch	Validation phase	24	0	CH	6822	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230311	1230	7284	7262	-2274	-2274	-2252	Critical Branch	Validation phase	22	0	CH	6987	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230311	1330	7284	7262	-2274	-2274	-2252	Critical Branch	Validation phase	22	0	CH	6987	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230311	1430	7284	7262	-2274	-2274	-2252	Critical Branch	Validation phase	22	0	CH	6987	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230312	0930	7366	7358	-2252	-2252	-2244	Critical Branch	Validation phase	8	0	CH	7083	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230312	1030	7366	7358	-2252	-2252	-2244	Critical Branch	Validation phase	8	0	CH	7083	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230312	1130	7366	7358	-2252	-2252	-2244	Critical Branch	Validation phase	8	0	CH	7083	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230312	2130	6255	6232	-2257	-2257	-2234	Critical Branch	Validation phase	23	0	CH	5957	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230312	2230	6255	6232	-2257	-2257	-2234	Critical Branch	Validation phase	23	0	CH	5957	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
20230312	2330	6255	6232	-2257	-2257	-2234	Critical Branch	Validation phase	23	0	CH	5962	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230313	0330	8155	7555	-2098	-2098	-1498	Critical Branch	Validation phase	600	0	IT	7285	RON-ABV 1 --> RON-ABV 2 105%
20230313	0430	8155	7555	-2098	-2098	-1498	Critical Branch	Validation phase	600	0	IT	7285	RON-ABV 1 --> RON-ABV 2 105%
20230313	0530	8155	7555	-2098	-2098	-1498	Critical Branch	Validation phase	600	0	IT	7285	RON-ABV 1 --> RON-ABV 2 105%
20230313	0630	8155	7555	-2098	-2098	-1498	Critical Branch	Validation phase	600	0	IT	7285	RON-ABV 1 --> RON-ABV 2 105%
20230313	0730	8340	7755	-1165	-1165	-580	Critical Branch	Validation phase	585	0	IT	7480	RON-ABV 1 --> RON-ABV 2 105% GOR-ROB /SFI -ROB --> BOV - VER 127% e GOR-VER -->145%
20230313	0830	8040	7755	-812	-812	-527	Critical Branch	Validation phase	285	0	IT	7480	GOR-ROB /SFI -ROB --> BOV - VER 127% e GOR-VER -->145%
20230313	1230	7754	7635	-2958	-2958	-2839	Critical Branch	Smoothing ramp	119	0	Smoothing		
20230313	1730	7768	7683	-259	-259	-174	Critical Branch	Smoothing ramp	85	0	Smoothing		
20230315	0030	7893	7776	-2417	-2417	-2300	Critical Branch	Validation phase	117	0	CH	7506	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230315	0130	7893	7776	-2417	-2417	-2300	Critical Branch	Validation phase	117	0	CH	7506	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230315	0230	7893	7776	-2417	-2417	-2300	Critical Branch	Validation phase	117	0	CH	7506	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230315	0330	7830	7747	-2322	-2322	-2239	Critical Branch	Validation phase	83	0	CH	7477	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230315	0430	7830	7747	-2322	-2322	-2239	Critical Branch	Validation phase	83	0	CH	7477	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
20230315	0530	7830	7747	-2322	-2322	-2239	Critical Branch	Validation phase	83	0	CH	7477	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230315	0630	7830	7747	-2322	-2322	-2239	Critical Branch	Validation phase	83	0	CH	7477	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230317	0930	7629	7544	-6081	-6081	-5996	Critical Branch	Validation phase	85	0	CH	7269	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230317	1030	7629	7544	-6081	-6081	-5996	Critical Branch	Validation phase	85	0	CH	7269	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230317	1130	7629	7544	-6081	-6081	-5996	Critical Branch	Validation phase	85	0	CH	7269	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230317	1230	7553	7420	-1658	-1658	-1525	Critical Branch	Validation phase	133	0	CH	7145	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230317	1330	7553	7420	-1658	-1658	-1525	Critical Branch	Validation phase	133	0	CH	7145	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230317	1430	7553	7420	-1658	-1658	-1525	Critical Branch	Validation phase	133	0	CH	7145	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230317	2130	7835	7420	-2142	-2142	-1727	Critical Branch	Validation phase	415	0	CH	7145	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230317	2230	7835	7420	-2142	-2142	-1727	Critical Branch	Validation phase	415	0	CH	7145	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230317	2330	7835	7420	-2108	-2108	-1693	Critical Branch	Validation phase	415	0	CH	7150	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230319	1830	7329	7300	-3080	-3080	-3051	Critical Branch	Validation phase	29	0	CH	7025	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
20230319	1930	7329	7300	-3080	-3080	-3051	Critical Branch	Validation phase	29	0	CH	7025	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230319	2030	7329	7300	-3080	-3080	-3051	Critical Branch	Validation phase	29	0	CH	7025	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230319	2130	7266	7186	-3476	-3476	-3396	Critical Branch	Validation phase	80	0	CH	6911	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230319	2230	7266	7186	-3476	-3476	-3396	Critical Branch	Validation phase	80	0	CH	6911	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230319	2330	7266	7186	-3476	-3476	-3396	Critical Branch	Validation phase	80	0	CH	6916	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230320	0030	7450	7443	-2900	-2900	-2893	Critical Branch	Validation phase	7	0	CH	7173	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230320	0130	7450	7443	-2900	-2900	-2893	Critical Branch	Validation phase	7	0	CH	7173	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230320	0230	7450	7443	-2900	-2900	-2893	Critical Branch	Validation phase	7	0	CH	7173	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230320	0330	7575	7182	-1998	-1998	-1605	Critical Branch	Validation phase	393	0	CH	6912	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230320	0430	7575	7182	-1998	-1998	-1605	Critical Branch	Validation phase	393	0	CH	6912	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230320	0530	7575	7182	-1998	-1998	-1605	Critical Branch	Validation phase	393	0	CH	6912	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230320	0630	7575	7182	-1998	-1998	-1605	Critical Branch	Validation phase	393	0	CH	6912	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
20230321	0330	6944	6899	-2144	-2144	-2099	Critical Branch	Validation phase	45	0	CH	6629	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230321	0430	6944	6899	-2144	-2144	-2099	Critical Branch	Validation phase	45	0	CH	6629	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230321	0530	6944	6899	-2144	-2144	-2099	Critical Branch	Validation phase	45	0	CH	6629	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230321	0630	6944	6899	-2144	-2144	-2099	Critical Branch	Validation phase	45	0	CH	6629	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230321	1830	6883	6851	-2946	-2946	-2914	Critical Branch	Validation phase	32	0	CH	6576	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230321	1930	6883	6851	-2946	-2946	-2914	Critical Branch	Validation phase	32	0	CH	6576	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230321	2030	6883	6851	-2946	-2946	-2914	Critical Branch	Validation phase	32	0	CH	6576	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230322	2330	7735	7309				Scheduled TTC	Validation phase	426	0	FR	7039	Process failed: missing input
20230323	0030	7686	7613	-2207	-2207	-2134	Critical Branch	Validation phase	73	0	CH	7343	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230323	0130	7686	7613	-2207	-2207	-2134	Critical Branch	Validation phase	73	0	CH	7343	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230323	0230	7686	7613	-2207	-2207	-2134	Critical Branch	Validation phase	73	0	CH	7343	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230323	0930	6400	5891	-2305	-2305	-1796	TTC Selection - LTTC	Validation phase	509	0	CH	5616	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , 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
20230323	1030	6400	5891	-2305	-2305	-1796	TTC Selection - LTTC	Validation phase	509	0	CH	5616	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-2 Pradella-Robbia + Filisur-Robbia
20230323	1130	6400	5891	-2305	-2305	-1796	TTC Selection - LTTC	Validation phase	509	0	CH	5616	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-2 Pradella-Robbia + Filisur-Robbia
20230323	1230	7721	7391	-2028	-2028	-1698	Critical Branch	Smoothing ramp	330	0	Smoothing		
20230323	1530	7668	7158	-3744	-3744	-3234	Critical Branch	Validation phase	510	0	CH	6883	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-2 Pradella-Sils + Filisur-Robbia
20230323	1630	7668	7158	-3744	-3744	-3234	Critical Branch	Validation phase	510	0	CH	6883	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-2 Pradella-Sils + Filisur-Robbia
20230323	1730	7668	7158	-3744	-3744	-3234	Critical Branch	Validation phase	510	0	CH	6883	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-2 Pradella-Sils + Filisur-Robbia
20230324	0030	7601	7244	-2395	-2395	-2039	Critical Branch	Validation phase	357	0	CH	6979	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230324	0130	7601	7244	-2395	-2395	-2039	Critical Branch	Validation phase	357	0	CH	6979	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230324	0230	7601	7244	-2395	-2395	-2039	Critical Branch	Validation phase	357	0	CH	6979	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230324	0330	7162	7041	-2055	-2055	-1934	Critical Branch	Validation phase	121	0	CH	6771	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230324	0430	7162	7041	-2055	-2055	-1934	Critical Branch	Validation phase	121	0	CH	6771	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230324	0530	7162	7041	-2055	-2055	-1934	Critical Branch	Validation phase	121	0	CH	6771	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
20230324	0630	7162	7041	-2055	-2055	-1934	Critical Branch	Validation phase	121	0	CH	6771	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230324	0730	7482	7242	-2631	-2631	-2391	Critical Branch	Validation phase	240	0	CH	6967	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230324	0830	7482	7242	-2631	-2631	-2391	Critical Branch	Validation phase	240	0	CH	6967	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230324	0930	7182	7058	-2830	-2830	-2706	Critical Branch	Validation phase	124	0	CH	6783	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230324	1030	7182	7058	-2830	-2830	-2706	Critical Branch	Validation phase	124	0	CH	6783	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230324	1130	7182	7058	-2830	-2830	-2706	Critical Branch	Validation phase	124	0	CH	6783	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230329	0930	7450	6200				Scheduled TTC	Validation phase	1250	0	IT	5925	Computation Failed
20230329	1030	7450	6200				Scheduled TTC	Validation phase	1250	0	IT	5925	Computation Failed
20230329	1130	7450	6200				Scheduled TTC	Validation phase	1250	0	IT	5925	Computation Failed
20230329	2130	6200	5717	-5727	-5727	-5244	Selection - LTTC	Validation phase	483	0	CH	5442	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-2 Pradella-Robbia + Filisur-Robbia
20230329	2230	6200	5717	-5727	-5727	-5244	Selection - LTTC	Validation phase	483	0	CH	5442	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-2 Pradella-Robbia + Filisur-Robbia
20230329	2330	5590	5107	-5118	-5118	-4635	Selection - LTTC	Validation phase	483	0	CH	4832	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-2 Pradella-Robbia + Filisur-Robbia
20230330	0030	7517	6415	-1795	-1795	-693	Critical Branch	Validation phase	1102	0	CH	6145	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
20230330	0130	7517	6415	-1795	-1795	-693	Critical Branch	Validation phase	1102	0	CH	6145	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230330	0230	7517	6415	-1795	-1795	-693	Critical Branch	Validation phase	1102	0	CH	6145	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230330	0330	7370	6134	-1555	-1555	-319	Critical Branch	Validation phase	1236	0	CH	5864	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230330	0430	7370	6134	-1555	-1555	-319	Critical Branch	Validation phase	1236	0	CH	5864	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230330	0530	7370	6134	-1555	-1555	-319	Critical Branch	Validation phase	1236	0	CH	5864	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230330	0630	7370	6134	-1555	-1555	-319	Critical Branch	Validation phase	1236	0	CH	5864	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230330	0730	7290	7135	-2986	-2986	-2831	Critical Branch	Validation phase	155	0	CH	6865	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230330	0830	7290	7135	-2985	-2985	-2830	Critical Branch	Validation phase	155	0	CH	6860	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230330	1230	7934	6963	-2420	-2420	-1449	Critical Branch	Validation phase	971	0	CH	6688	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230330	1330	7934	6963	-2420	-2420	-1449	Critical Branch	Validation phase	971	0	CH	6688	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230330	1430	7934	6963	-2420	-2420	-1449	Critical Branch	Validation phase	971	0	CH	6688	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230330	1830	7115	5360	-3755	-3755	-2000	Critical Branch	Validation phase	1755	0	CH	5085	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , 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
20230330	1930	7115	5360	-3755	-3755	-2000	Critical Branch	Validation phase	1755	0	CH	5085	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-2 Pradella-Robbia + Filisur-Robbia
20230330	2030	7115	5360	-3755	-3755	-2000	Critical Branch	Validation phase	1755	0	CH	5085	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-2 Pradella-Robbia + Filisur-Robbia
20230330	2130	7447	6860	-2245	-2245	-1658	Critical Branch	Smoothing ramp	587	0	Smoothing		
20230331	0030	7855	7267	-2815	-2815	-2230	Critical Branch	Validation phase	588	0	CH	7007	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230331	0130	7855	7267	-2815	-2815	-2230	Critical Branch	Validation phase	588	0	CH	7007	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230331	0230	7855	7267	-2815	-2815	-2230	Critical Branch	Validation phase	588	0	CH	7007	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230331	1830	7961	7271	-3165	-3165	-2475	Critical Branch	Validation phase	690	0	CH	6996	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230331	1930	7961	7271	-3165	-3165	-2475	Critical Branch	Validation phase	690	0	CH	6996	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230331	2030	7961	7271	-3165	-3165	-2475	Critical Branch	Validation phase	690	0	CH	6996	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230331	2130	7951	7271	-3466	-3466	-2786	Critical Branch	Validation phase	680	0	CH	6996	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230331	2230	7951	7271	-3466	-3466	-2786	Critical Branch	Validation phase	680	0	CH	6996	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

Table 6: D2 TS with bilateral TTC reduction during the validation process for March

		TTC			ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230325	0030	6523	5836	2200	-3470	-3470	-2838	Critical Branch	Critical Branch	687	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	0130	6523	5836	2200	-3470	-3470	-2838	Critical Branch	Critical Branch	687	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	0230	6523	5836	2200	-3470	-3470	-2838	Critical Branch	Critical Branch	687	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	0330	6162	5650	2200	-3210	-3210	-2740	Critical Branch	Critical Branch	512	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	0430	6162	5650	2200	-3210	-3210	-2740	Critical Branch	Critical Branch	512	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	0530	6162	5650	2200	-3210	-3210	-2740	Critical Branch	Critical Branch	512	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	0630	6162	5650	2200	-3210	-3210	-2740	Critical Branch	Critical Branch	512	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	0730	6400	5896	2200	-4550	-4550	-4069	TTC Selection - LTTC	TTC Selection - LTTC	504	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	0830	6400	5896	2200	-4550	-4550	-4069	TTC Selection - LTTC	TTC Selection - LTTC	504	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	0930	6400	5896	2200	-6544	-6544	-6027	TTC Selection - LTTC	TTC Selection - LTTC	504	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	1030	6400	5896	2200	-6544	-6544	-6027	TTC Selection - LTTC	TTC Selection - LTTC	504	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	1130	6400	5896	2200	-6544	-6544	-6027	TTC Selection - LTTC	TTC Selection - LTTC	504	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	1230	6517	5959	2200	-4574	-4574	-4043	Critical Branch	Critical Branch	558	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	1330	6517	5959	2200	-4574	-4574	-4043	Critical Branch	Critical Branch	558	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230325	1430	6517	5959	2200	-4574	-4574	-4043	Critical Branch	Critical Branch	558	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	1530	7274	6364	2200	-3932	-3932	-3026	Critical Branch	Critical Branch	910	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	1630	7274	6364	2200	-3932	-3932	-3026	Critical Branch	Critical Branch	910	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	1730	7274	6364	2200	-3932	-3932	-3026	Critical Branch	Critical Branch	910	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	1830	6949	6190	2200	-1019	-1019	-22	Critical Branch	Critical Branch	759	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	1930	6949	6190	2200	-1019	-1019	-22	Critical Branch	Critical Branch	759	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	2030	6949	6190	2200	-1019	-1019	-22	Critical Branch	Critical Branch	759	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	2130	7494	6375	2200	-4282	-4282	-3236	Critical Branch	Validation phase	1119	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	2230	7494	6375	2200	-4282	-4282	-3236	Critical Branch	Validation phase	1119	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230325	2330	6884	6022	2200	-3636	-3636	-2845	Critical Branch	Critical Branch	862	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	0030	5964	5549	2200	-2170	-2170	-1758	Critical Branch	Critical Branch	415	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	0130	5964	5549	2200	-2170	-2170	-1758	Critical Branch	Critical Branch	415	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	0730	6764	5960	2200	-4700	-4700	-3933	Critical Branch	Critical Branch	804	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	0830	6764	5960	2200	-4702	-4702	-3934	Critical Branch	Critical Branch	804	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	0930	7040	6102	2200				Scheduled TTC	Scheduled TTC	938	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	1030	7040	6102	2200				Scheduled TTC	Scheduled TTC	938	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	1130	7040	6102	2200				Scheduled TTC	Scheduled TTC	938	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230326	1230	7040	6102	2200				Scheduled TTC	Scheduled TTC	938	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	1330	7040	6102	2200				Scheduled TTC	Scheduled TTC	938	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	1430	7040	6102	2200				Scheduled TTC	Scheduled TTC	938	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	1530	5790	5460	2200	-2259	-2259	-1825	Selection - LTTC TTC	Selection - LTTC TTC	330	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	1630	5790	5460	2200	-2259	-2259	-1825	Selection - LTTC TTC	Selection - LTTC TTC	330	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	1730	5790	5460	2200	-2259	-2259	-1825	Selection - LTTC TTC	Selection - LTTC TTC	330	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	1830	7868	6510	2200	-3531	-3531	-2188	Critical Branch	Critical Branch	1358	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	1930	7868	6510	2200	-3531	-3531	-2188	Critical Branch	Critical Branch	1358	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	2030	7868	6510	2200	-3531	-3531	-2188	Critical Branch	Critical Branch	1358	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	2130	8286	6715	2200	-1663	-1663	-253	Critical Branch	Critical Branch	1571	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	2230	8286	6715	2200	-1663	-1663	-253	Critical Branch	Critical Branch	1571	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230326	2330	8286	6715	2200	-1663	-1663	-253	Critical Branch	Critical Branch	1571	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	0030	7052	6108	2200	-2881	-2881	-1774	Critical Branch	Critical Branch	944	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	0130	7052	6108	2200	-2881	-2881	-1774	Critical Branch	Critical Branch	944	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	0230	7052	6108	2200	-2881	-2881	-1774	Critical Branch	Critical Branch	944	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	0330	7901	6328	2200	-3381	-3381	-1820	Critical Branch	Validation phase	1573	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230327	0430	7901	6328	2200	-3381	-3381	-1820	Critical Branch	Validation phase	1573	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	0530	7901	6328	2200	-3381	-3381	-1820	Critical Branch	Validation phase	1573	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	0630	7901	6328	2200	-3381	-3381	-1820	Critical Branch	Validation phase	1573	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	0730	7085	6263	2200	-1416	-1416	-352	Critical Branch	Critical Branch	822	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	0830	7650	6465	2200	-2012	-2012	-497	Critical Branch	Critical Branch	1185	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	0930	7863	6571	2200	-1953	-1953	-283	Critical Branch	Critical Branch	1292	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	1030	7863	6571	2200	-1953	-1953	-283	Critical Branch	Critical Branch	1292	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	1130	7863	6571	2200	-1953	-1953	-283	Critical Branch	Critical Branch	1292	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	1230	7432	6356	2200	-2757	-2757	-1676	Critical Branch	Critical Branch	1076	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	1330	7432	6356	2200	-2757	-2757	-1676	Critical Branch	Critical Branch	1076	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	1430	7432	6356	2200	-2757	-2757	-1676	Critical Branch	Critical Branch	1076	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	1530	6200	5713	2200	-2790	-2790	-2215	Selection - LTTC TTC	Selection - LTTC TTC	487	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	1630	6200	5713	2200	-2790	-2790	-2215	Selection - LTTC TTC	Selection - LTTC TTC	487	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	1730	6200	5713	2200	-2790	-2790	-2215	Selection - LTTC TTC	Selection - LTTC TTC	487	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	1830	6200	5713	2200	-2145	-2145	-1539	Selection - LTTC	Selection - LTTC	487	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230327	1930	6200	5713	2200	-2145	-2145	-1539	TTC Selection - LTTC	TTC Selection - LTTC	487	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	2030	6200	5713	2200	-2145	-2145	-1539	TTC Selection - LTTC	TTC Selection - LTTC	487	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	2130	7945	6470	2200	-2510	-2510	-1001	Critical Branch	Validation phase	1475	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	2230	7945	6470	2200	-2510	-2510	-1001	Critical Branch	Validation phase	1475	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230327	2330	7335	6002	2200	-1913	-1913	-550	Critical Branch	Validation phase	1333	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	0030	7811	6364	2200	-2308	-2308	-794	Critical Branch	Critical Branch	1447	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	0130	7811	6364	2200	-2308	-2308	-794	Critical Branch	Critical Branch	1447	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	0230	7811	6364	2200	-2308	-2308	-794	Critical Branch	Critical Branch	1447	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	0330	6434	5700	2200	-4598	-4598	-3899	Critical Branch	Critical Branch	734	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	0430	6434	5700	2200	-4598	-4598	-3899	Critical Branch	Critical Branch	734	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	0530	6434	5700	2200	-4598	-4598	-3899	Critical Branch	Critical Branch	734	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	0630	6434	5700	2200	-4598	-4598	-3899	Critical Branch	Critical Branch	734	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	0730	7450	5835	2200				Scheduled TTC	Validation phase	1615	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	0830	7450	5838	2200				Scheduled TTC	Validation phase	1612	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	0930	7450	6030	2200				Scheduled TTC	Validation phase	1420	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	1030	7450	6030	2200				Scheduled TTC	Validation phase	1420	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230328	1130	7450	6030	2200				Scheduled TTC	Validation phase	1420	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	1530	6383	5809	2200	-4975	-4975	-4418	Critical Branch	Critical Branch	574	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	1630	6383	5809	2200	-4975	-4975	-4418	Critical Branch	Critical Branch	574	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	1730	6383	5809	2200	-4975	-4975	-4418	Critical Branch	Critical Branch	574	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	1830	6200	5713	2200	-5757	-5757	-5267	Selection - LTTC	Selection - LTTC	487	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	1930	6200	5713	2200	-5757	-5757	-5267	Selection - LTTC	Selection - LTTC	487	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	2030	6200	5713	2200	-5757	-5757	-5267	Selection - LTTC	Selection - LTTC	487	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	2130	7450	5713	2200				Scheduled TTC	Validation phase	1737	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	2230	7450	5713	2200				Scheduled TTC	Validation phase	1737	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230328	2330	6840	5583	2200				Scheduled TTC	Validation phase	1257	0	FR	2200	Bilateral - N-2 Albertville-Rondissone/Albertville-Grande Ile 3
20230331	0330	7277	7267	225	-2608	-2608	-2601	Critical Branch	Critical Branch	10	0	AT	225	Bilateral - Reduction because NTC over thermal limit on border
20230331	0430	7277	7267	225	-2608	-2608	-2601	Critical Branch	Critical Branch	10	0	AT	225	Bilateral - Reduction because NTC over thermal limit on border
20230331	0530	7277	7267	225	-2608	-2608	-2601	Critical Branch	Critical Branch	10	0	AT	225	Bilateral - Reduction because NTC over thermal limit on border
20230331	0630	7277	7267	225	-2608	-2608	-2601	Critical Branch	Critical Branch	10	0	AT	225	Bilateral - Reduction because NTC over thermal limit on border
20230331	0730	8031	8017	240	-2342	-2342	-2329	Critical Branch	Critical Branch	14	0	AT	240	Bilateral - Reduction because NTC over thermal limit on border
20230331	0830	8031	8018	240	-2342	-2342	-2330	Critical Branch	Critical Branch	13	0	AT	240	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%			
20230331	0930	7930	7919	240	-1722	-1722	-1711	Critical Branch	Critical Branch	11	0	AT	240	Bilateral - Reduction because NTC over thermal limit on border
20230331	1030	7930	7919	240	-1722	-1722	-1711	Critical Branch	Critical Branch	11	0	AT	240	Bilateral - Reduction because NTC over thermal limit on border
20230331	1130	7930	7919	240	-1722	-1722	-1711	Critical Branch	Critical Branch	11	0	AT	240	Bilateral - Reduction because NTC over thermal limit on border
20230331	1230	7695	7689	240	-2886	-2886	-2881	Critical Branch	Critical Branch	6	0	AT	240	Bilateral - Reduction because NTC over thermal limit on border
20230331	1330	7695	7689	240	-2886	-2886	-2881	Critical Branch	Critical Branch	6	0	AT	240	Bilateral - Reduction because NTC over thermal limit on border
20230331	1430	7695	7689	240	-2886	-2886	-2881	Critical Branch	Critical Branch	6	0	AT	240	Bilateral - Reduction because NTC over thermal limit on border

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

In this case, only bilateral validation has been made on 20230326 and 20230328.

Table 9: D2 TS with bilateral TTC reduction and reduction compared to 70% during the validation process for March

TTC					ANTC			LimitedBy		Validation		TSO	Value	Reason
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230326	0330	6263	5702	2200	455	0	931	Critical Branch	Critical Branch	561	476	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville-Grande Ile 3
20230326	0430	6263	5702	2200	455	0	931	Critical Branch	Critical Branch	561	476	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville-Grande Ile 3
20230326	0530	6263	5702	2200	455	0	931	Critical Branch	Critical Branch	561	476	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville-Grande Ile 3
20230326	0630	6263	5702	2200	455	0	931	Critical Branch	Critical Branch	561	476	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville-Grande Ile 3
20230328	1230	6807	6030	2200	-410	-410	578	Critical Branch	Critical Branch	777	578	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville-Grande Ile 3
20230328	1330	6807	6030	2200	-410	-410	578	Critical Branch	Critical Branch	777	578	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville-Grande Ile 3
20230328	1430	6807	6030	2200	-410	-410	578	Critical Branch	Critical Branch	777	578	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville-Grande Ile 3

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.

Figure 4 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. In this case, there were not available Costly Remedial Actions available to perform the adjustment on Italy, therefore the feasible capacity is shown as zero. Figure 5, 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

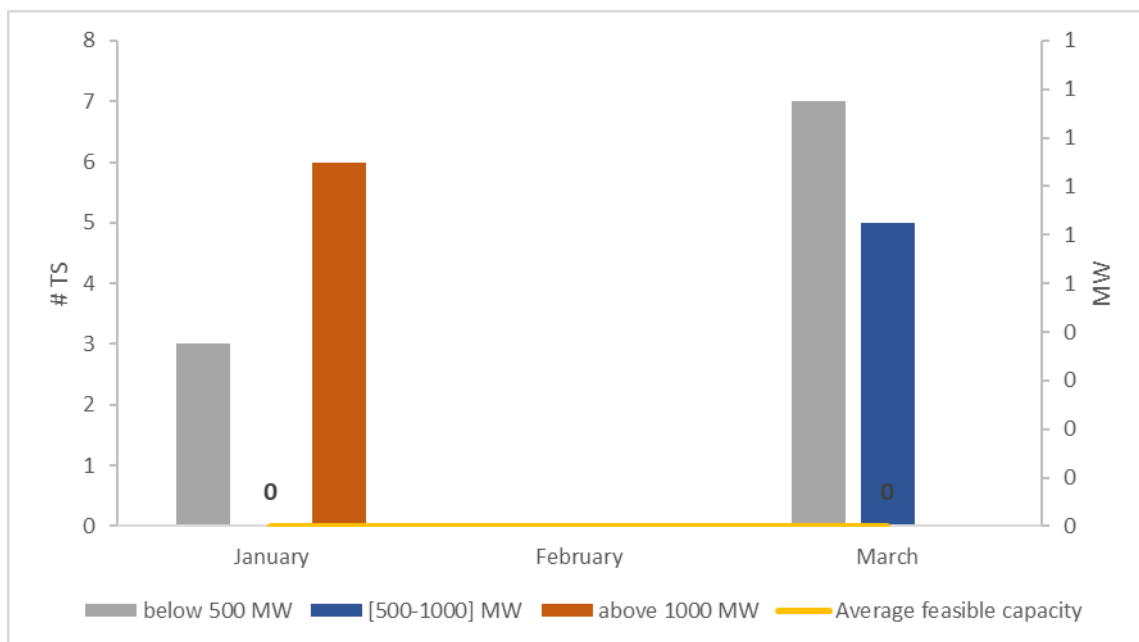
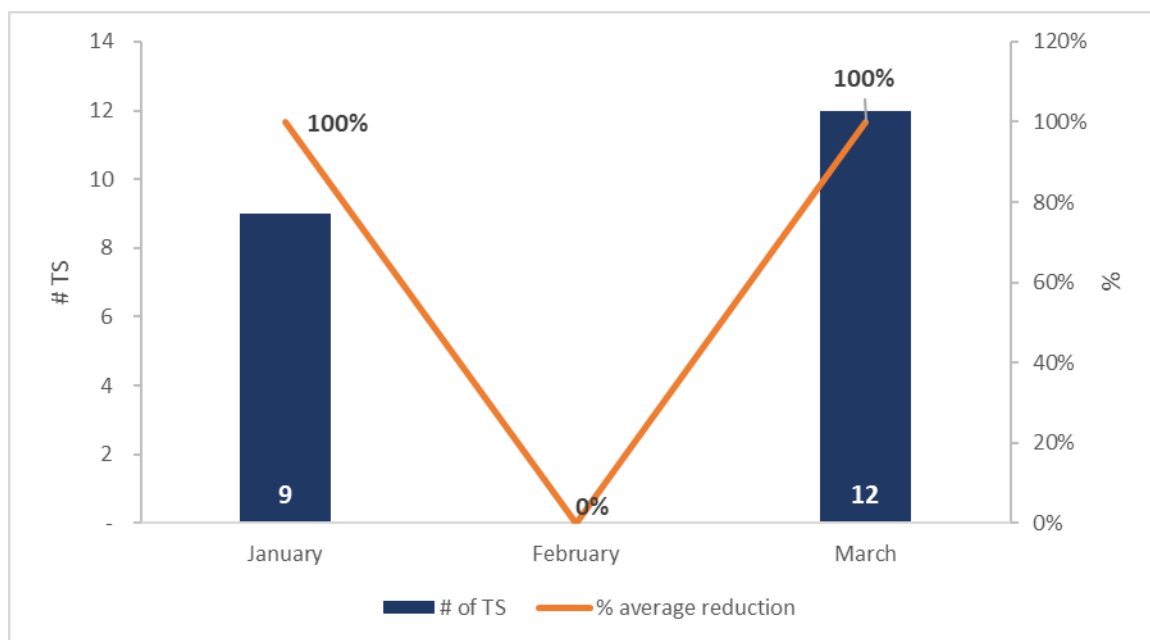


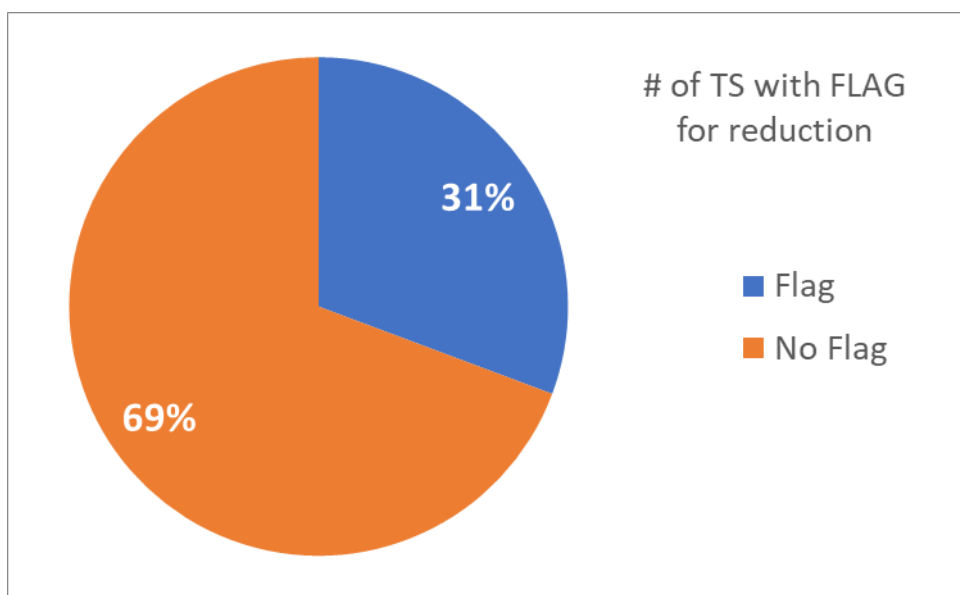
Figure 5: D2 # TS with reduction per month vs the average % of reduction on that month



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

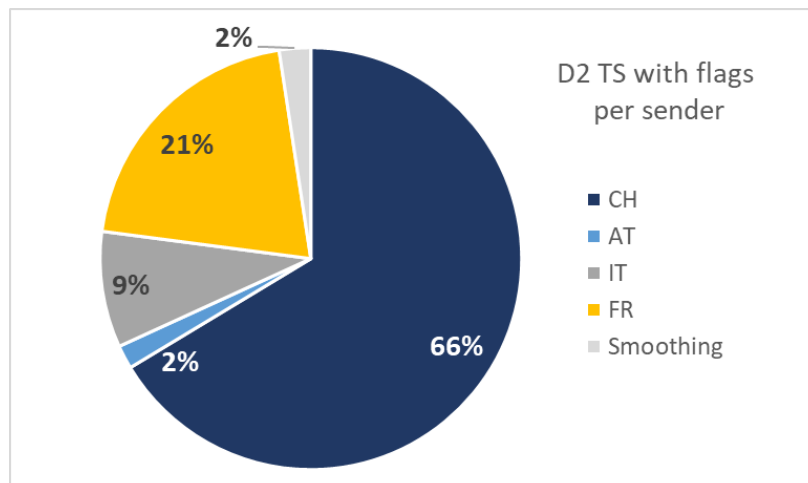


In D2, the validation process during Q1 was limited by five types of flag's provider:

- 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.

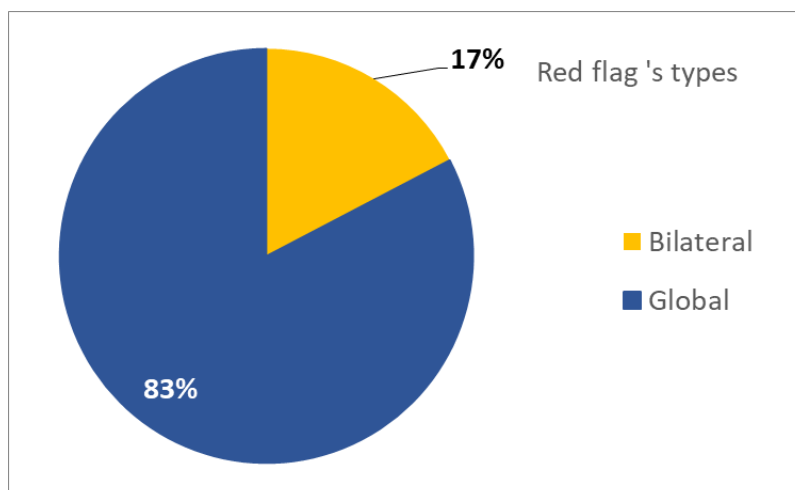
The following picture presents the share of each type of flag during the quarter. It can be seen that the TSO with the highest share of reduction is Swissgrid.

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

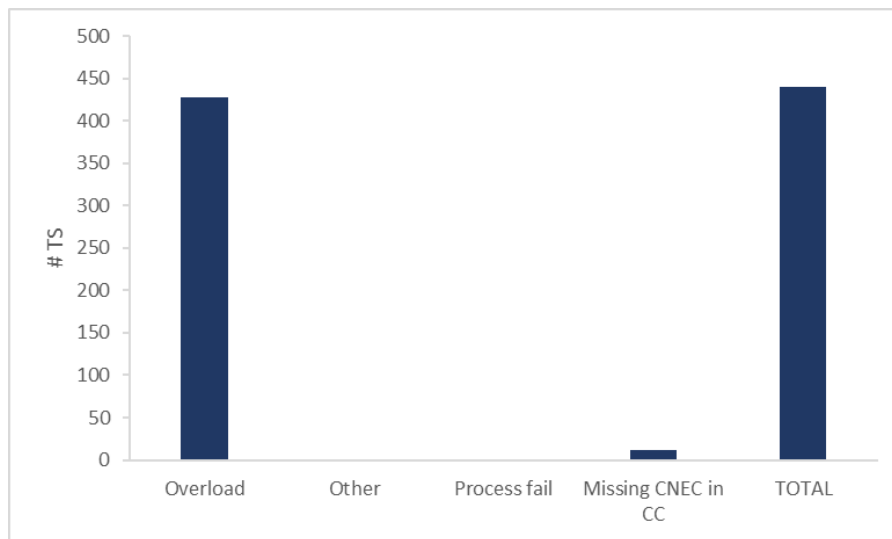


Figure 10: D2 type of flags sent by APG

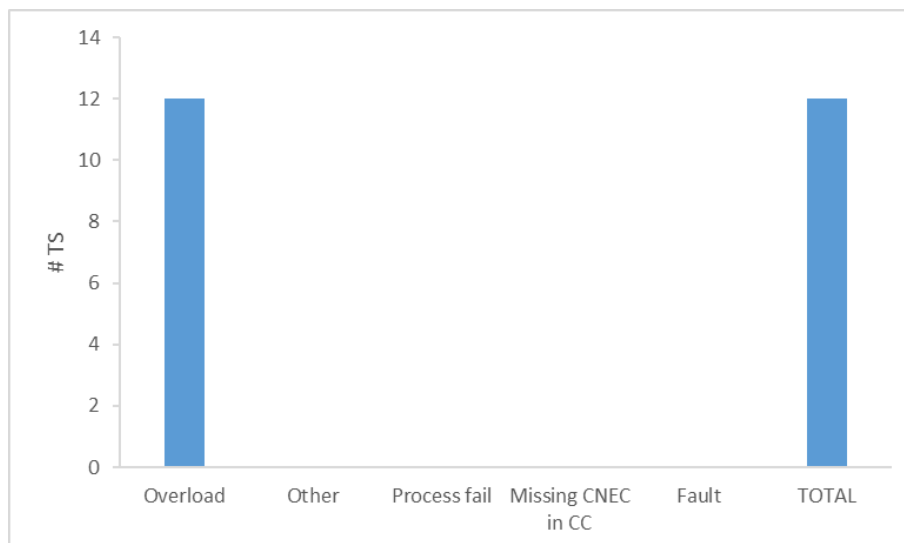


Figure 11: D2 type of flags sent by Terna

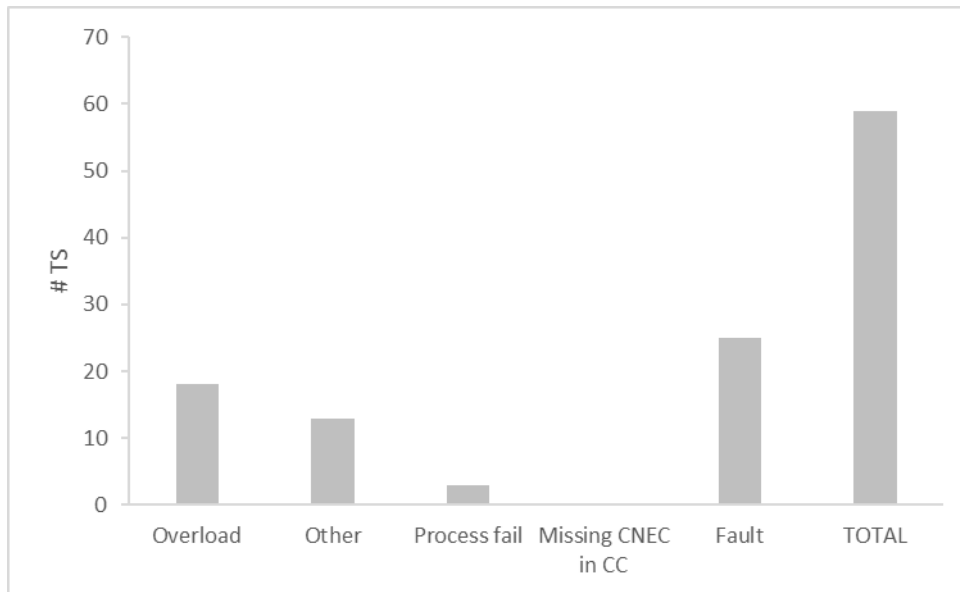
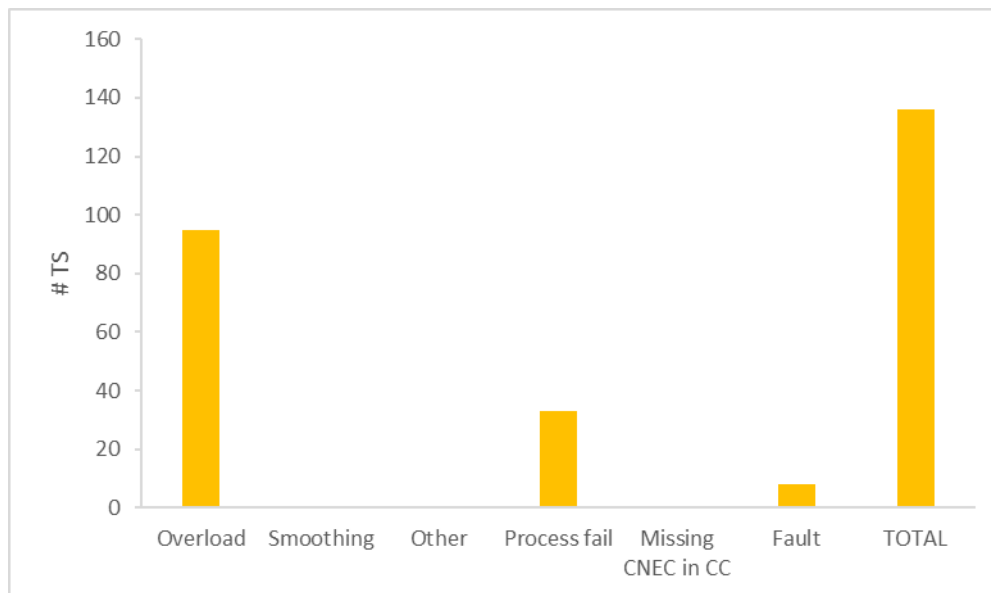


Figure 12: D2 type of flags sent by RTE



Finally, the Overload reasons have been analysed and the following lines and outages are the ones that have been limiting the capacity during the Q1.

Table 7: D2 list of Critical Branches reported on FLAGs

CB name
380kV Sils - Soazza
380kV Lavorgo - Musignano
220kV Riddes - Valpelline
220kV Avise - Riddes
380kV Bulciago - Soazza
380kV Filisur - Sils
400kV Albertville-Grande Ile 3

Table 8: D2 list of Critical Outages reported on FLAGs

CO name
N-2 Pradella-Robbia + Filisur-Robbia
N-1 AVISE-RIDDES
N-1 VALPELLINE-RIDDES
N-1 PRADELLA-ROBBIA
N-2 ALBERTVILLE-RONDISSONE
N-2 Robbia-Gorlago + Robbia-S.Fiorano

4.5 Recommendations

Not applicable for Italy North region

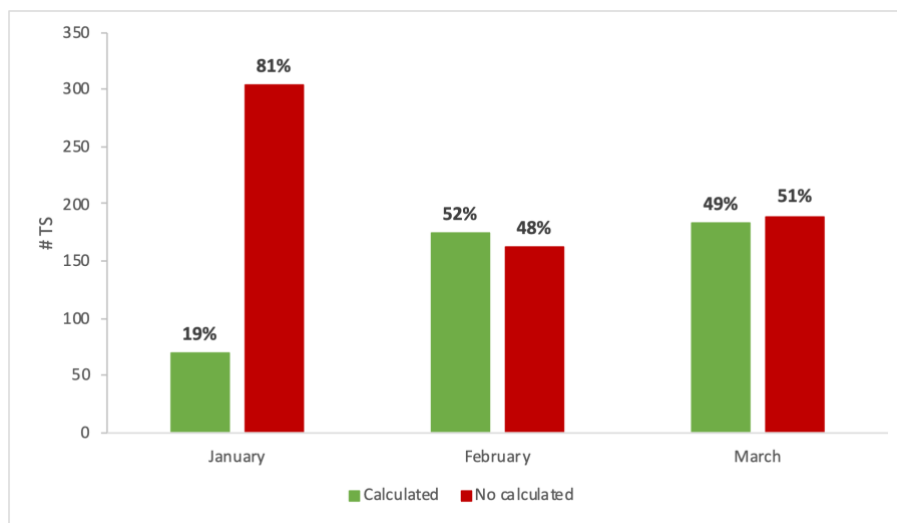
5. ID information

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 Q1 the TTC calculation process. Please note that only on these calculated TSs, the adjustment process could be performed.

Figure 13: ID TTC Calculation results

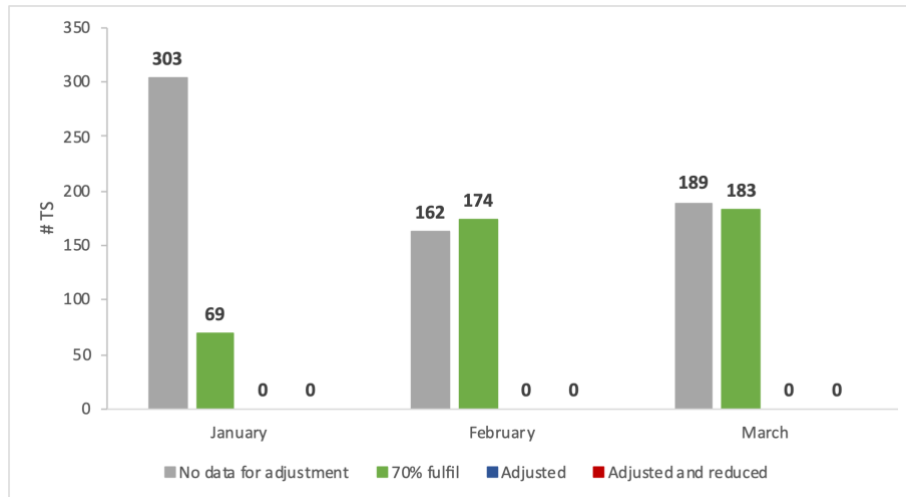


The following figure presents the different TSs for the ID process classified as described in the D2 cases in sub-section 4.1. In the case of ID process, the 70% minMargin compliant timestamps consist of two different cases:

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 Q1 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 consider for the future reports.

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

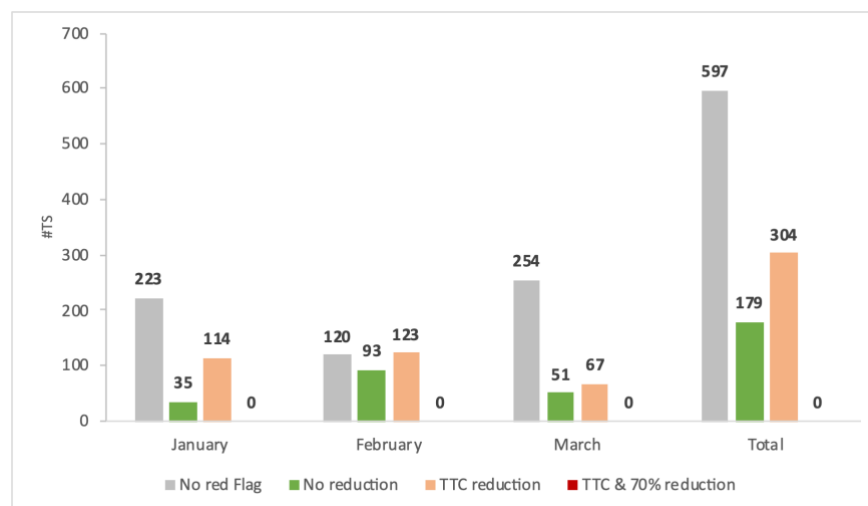


From the above figure, no record of reduction of capacity after the 70% minMargin adjustment occurred for the IDCC process in Q1 2023.

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.

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 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 9: ID TS with global TTC reduction during the validation process for January

BD	Month	TS	TTC					LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230101	January	1230	9220	8898	0	0	0	Scheduled TTC	Validation phase	322	0	CH	8623	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-1 SOAZZA-BULCIAGO
20230101	January	1430	9220	9177	0	0	0	Scheduled TTC	Validation phase	43	0	CH	8902	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230101	January	1530	9220	8674	0	0	0	Scheduled TTC	Validation phase	546	0	CH	8399	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230101	January	1630	9220	9160	0	0	0	Scheduled TTC	Validation phase	60	0	CH	8885	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230101	January	1730	9220	9213	0	0	0	Scheduled TTC	Validation phase	7	0	CH	8938	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230101	January	1830	9220	8884	0	0	0	Scheduled TTC	Validation phase	336	0	CH	8610	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%			
20230101	January	1930	9220	8603	0	0	0	Scheduled TTC	Validation phase	617	0	CH	8328	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230101	January	2030	9220	8802	0	0	0	Scheduled TTC	Validation phase	418	0	CH	8528	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230101	January	2130	9220	8751	0	0	0	Scheduled TTC	Validation phase	469	0	CH	8477	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230101	January	2230	9220	9113	0	0	0	Scheduled TTC	Validation phase	107	0	CH	8839	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230101	January	2330	9220	8778	0	0	0	Scheduled TTC	Validation phase	442	0	CH	8503	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230103	January	1230	10174	9108	0	0	0	Scheduled TTC	Validation phase	1066	0	CH	8833	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230103	January	1330	10174	9487	0	0	0	Scheduled TTC	Validation phase	687	0	CH	9212	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230103	January	1430	10174	9539	0	0	0	Scheduled TTC	Validation phase	635	0	CH	9264	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230103	January	1530	10647	10290	0	0	0	Scheduled TTC	Validation phase	357	0	CH	10015	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 VILLARODIN-VENAUS
20230103	January	1630	10647	10386	0	0	0	Scheduled TTC	Validation phase	261	0	CH	10110	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 VILLARODIN-VENAUS

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230103	January	1730	10647	9420	0	0	0	Scheduled TTC	Validation phase	1227	0	CH	9145	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 PRADELLA-ROBBIA
20230103	January	1830	10399	9886	0	0	0	Scheduled TTC	Validation phase	513	0	CH	9611	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230103	January	1930	10399	10161	0	0	0	Scheduled TTC	Validation phase	238	0	CH	9886	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230103	January	2030	10399	9469	0	0	0	Scheduled TTC	Validation phase	930	0	CH	9194	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230103	January	2130	10159	9720	0	0	0	Scheduled TTC	Validation phase	439	0	CH	9445	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230103	January	2230	10159	9562	0	0	0	Scheduled TTC	Validation phase	597	0	CH	9287	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Sils
20230103	January	2330	9342	8486	0	0	0	Scheduled TTC	Validation phase	856	0	CH	8211	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230104	January	1230	9881	9026	0	0	0	Scheduled TTC	Validation phase	855	0	CH	8751	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230104	January	1330	9881	9523	0	0	0	Scheduled TTC	Validation phase	358	0	CH	9248	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230104	January	1430	9881	9653	0	0	0	Scheduled TTC	Validation phase	228	0	CH	9378	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Gorlago-Piancamuno + Robbia- Gorlago

			TTC					ANTC		LimitedBy		Validation				
BD	Month	TS	Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason		
20230104	January	1530	10226	9600	0	0	0	Scheduled TTC	Validation phase	626	0	CH	9325	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230104	January	1630	10226	9600	0	0	0	Scheduled TTC	Validation phase	626	0	CH	9325	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230104	January	1730	10226	9600	0	0	0	Scheduled TTC	Validation phase	626	0	CH	9325	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230104	January	1830	10465	9400	0	0	0	Scheduled TTC	Validation phase	1065	0	CH	9125	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230104	January	1930	10465	9400	0	0	0	Scheduled TTC	Validation phase	1065	0	CH	9125	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230104	January	2030	10465	9200	0	0	0	Scheduled TTC	Validation phase	1265	0	CH	8925	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230104	January	2130	10163	9070	0	0	0	Scheduled TTC	Validation phase	1093	0	CH	8795	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230104	January	2230	10163	8770	0	0	0	Scheduled TTC	Validation phase	1393	0	CH	8495	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230104	January	2330	9349	8668	0	0	0	Scheduled TTC	Validation phase	681	0	CH	8393	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230106	January	1230	9547	9405	0	0	0	Scheduled TTC	Validation phase	142	0	CH	9131	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE		

BD	Month	TS	TTC					LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230106	January	1330	9547	9133	0	0	0	Scheduled TTC	Validation phase	414	0	CH	8858	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230106	January	1430	9547	9302	0	0	0	Scheduled TTC	Validation phase	245	0	CH	9027	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230106	January	1730	9395	9189	0	0	0	Scheduled TTC	Validation phase	206	0	CH	8914	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230106	January	2030	9656	9532	0	0	0	Scheduled TTC	Validation phase	124	0	CH	9257	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230106	January	2230	9145	8826	0	0	0	Scheduled TTC	Validation phase	319	0	CH	8551	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230106	January	2330	9145	8962	0	0	0	Scheduled TTC	Validation phase	183	0	CH	8687	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230107	January	1230	9685	9268	0	0	0	Scheduled TTC	Validation phase	417	0	CH	8993	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230107	January	1330	9893	9364	0	0	0	Scheduled TTC	Validation phase	529	0	CH	9089	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230107	January	1430	9893	9782	0	0	0	Scheduled TTC	Validation phase	111	0	CH	9507	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230107	January	1530	9398	9154	0	0	0	Scheduled TTC	Validation phase	244	0	CH	8879	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE

BD	Month	TS	TTC					LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230107	January	1630	9398	9309	0	0	0	Scheduled TTC	Validation phase	89	0	CH	9034	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230107	January	1730	9398	9178	0	0	0	Scheduled TTC	Validation phase	220	0	CH	8902	Expected overloading on the following CNEC: CNE: 220kV Pallanzeno - Serra , C: N-2 Pradella-Robbia + Filisur- Robbia
20230107	January	1830	9849	9718	0	0	0	Scheduled TTC	Validation phase	131	0	CH	9443	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230107	January	2030	9849	9764	0	0	0	Scheduled TTC	Validation phase	85	0	CH	9489	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230107	January	2230	9621	9545	0	0	0	Scheduled TTC	Validation phase	76	0	CH	9269	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230109	January	1230	9232	9169	0	0	0	Scheduled TTC	Validation phase	63	0	CH	8894	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230109	January	1330	9232	8846	0	0	0	Scheduled TTC	Validation phase	386	0	CH	8571	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230109	January	1430	9435	9157	0	0	0	Scheduled TTC	Validation phase	278	0	CH	8816	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230109	January	1530	9305	9122	0	0	0	Scheduled TTC	Validation phase	183	0	CH	8769	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%			
20230109	January	1630	9305	9259	0	0	0	Scheduled TTC	Validation phase	46	0	CH	8926	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230109	January	1830	9916	9621	0	0	0	Scheduled TTC	Validation phase	295	0	CH	9346	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230110	January	1430	9435	9163	0	0	0	Scheduled TTC	Validation phase	272	0	CH	8888	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230110	January	1930	10257	10240	0	0	0	Scheduled TTC	Validation phase	17	0	CH	9965	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230110	January	2030	10257	9921	0	0	0	Scheduled TTC	Validation phase	336	0	CH	9646	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia
20230110	January	2130	9292	9210	0	0	0	Scheduled TTC	Validation phase	82	0	CH	8935	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230110	January	2230	9292	9116	0	0	0	Scheduled TTC	Validation phase	176	0	CH	8841	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230111	January	2130	9203	9178	0	0	0	Scheduled TTC	Validation phase	25	0	CH	8903	IDCC validation tool failed. IDCF Forecast : 380 kV Sils-Soazza // 380kV Gorlago-Robbia and 380 kV Robbia-San-Fiorano
20230111	January	2230	9203	8869	0	0	0	Scheduled TTC	Validation phase	334	0	CH	8594	IDCC validation tool failed. IDCF Forecast : 380 kV Sils-Soazza // 380kV Gorlago-Robbia and 380 kV Robbia-San-Fiorano

			TTC					ANTC		LimitedBy		Validation				
BD	Month	TS	Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason		
20230111	January	2330	9201	8673	0	0	0	Scheduled TTC	Validation phase	528	0	CH	8398	IDCC validation tool failed. IDCF Forecast : 380 kV Sils-Soazza // 380kV Gorlago-Robbia and 380 kV Robbia- San-Fiorano		
20230112	January	1930	9610	9590	0	0	0	Scheduled TTC	Validation phase	20	0	CH	9315	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230112	January	2030	9610	9522	0	0	0	Scheduled TTC	Validation phase	88	0	CH	9247	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230112	January	2130	9405	9155	0	0	0	Scheduled TTC	Validation phase	250	0	CH	8880	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230112	January	2230	9405	8780	0	0	0	Scheduled TTC	Validation phase	625	0	CH	8505	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230112	January	2330	9406	8915	0	0	0	Scheduled TTC	Validation phase	491	0	CH	8640	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia		
20230113	January	1530	10018	9897	0	0	0	Critical Branch	Validation phase	121	0	CH	9622	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE		
20230113	January	2130	9415	9394	0	0	0	Critical Branch	Validation phase	21	0	CH	9120	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE		
20230114	January	1530	9487	8185	0	0	0	Critical Branch	Scheduled TTC	1302	0	Fictive flag				
20230114	January	1630	9487	8185	0	0	0	Critical Branch	Scheduled TTC	1302	0	Fictive flag				
20230114	January	1730	9487	8185	0	0	0	Critical Branch	Scheduled TTC	1302	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%					
20230114	January	1830	9941	9394	0	0	0	Critical Branch	Validation phase	547	0	CH	9119	Fictive flag	9119	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230114	January	1930	9941	9440	0	0	0	Critical Branch	Scheduled TTC	501	0	CH	9119			
20230114	January	2030	9941	9394	0	0	0	Critical Branch	Validation phase	547	0	CH	7906	Fictive flag	7906	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230114	January	2130	8785	8181	0	0	0	Critical Branch	Validation phase	604	0	CH	7906			
20230114	January	2230	8785	8185	0	0	0	Critical Branch	Scheduled TTC	600	0	CH	9357	Fictive flag	9357	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230114	January	2330	7970	7370	0	0	0	Critical Branch	Scheduled TTC	600	0	CH	9357			
20230115	January	1530	9816	9066	0	0	0	Critical Branch	Scheduled TTC	750	0	CH	9357	Fictive flag	9357	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230115	January	1630	9816	9066	0	0	0	Critical Branch	Scheduled TTC	750	0	CH	9357			
20230115	January	1730	9816	9066	0	0	0	Critical Branch	Scheduled TTC	750	0	CH	9357	Fictive flag	9357	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230115	January	1830	9780	9659	0	0	0	Critical Branch	Scheduled TTC	121	0	CH	9357			
20230115	January	1930	9780	9659	0	0	0	Critical Branch	Scheduled TTC	121	0	CH	9357	Fictive flag	9357	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230115	January	2030	9780	9632	0	0	0	Critical Branch	Validation phase	148	0	CH	9357			
20230115	January	2130	9185	9043	0	0	0	Critical Branch	Scheduled TTC	142	0	CH	9357	Fictive flag	9357	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230115	January	2230	9185	9043	0	0	0	Critical Branch	Scheduled TTC	142	0	CH	9357			

BD	Month	TS	TTC					ANTC		LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1			Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230115	January	2330	9185	9043	0	0	0			Critical Branch	Scheduled TTC	142	0	Fictive flag		
20230116	January	1430	9540	9108	0	0	0			Scheduled TTC	Validation phase	432	0	CH	8833	Expected overloading on the following CNEC: CNE: 220kV Pallanzeno - Serra , C: N-2 Pradella-Robbia + Filisur- Robbia
20230116	January	2030	9178	9045	0	0	0			Critical Branch	Validation phase	133	0	CH	8770	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230117	January	1230	9297	8710	0	0	0			Scheduled TTC	Validation phase	587	0	CH	8435	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230117	January	1330	9297	8893	0	0	0			Scheduled TTC	Validation phase	404	0	CH	8618	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230117	January	1430	9297	8930	0	0	0			Scheduled TTC	Validation phase	367	0	CH	8656	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230117	January	1530	9606	9265	0	0	0			Scheduled TTC	Validation phase	341	0	CH	8990	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230117	January	1630	9606	9159	0	0	0			Scheduled TTC	Validation phase	447	0	CH	8884	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230117	January	1730	9606	9554	0	0	0			Scheduled TTC	Validation phase	52	0	CH	9279	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230117	January	1830	9556	9417	0	0	0			Scheduled TTC	Validation phase	139	0	CH	9142	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%			
20230117	January	1930	9556	9320	0	0	0	Scheduled TTC	Validation phase			236	0	CH	9045	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230117	January	2030	9556	9262	0	0	0	Scheduled TTC	Validation phase			294	0	CH	8987	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230118	January	1730	10095	9987	0	0	0	Critical Branch	Validation phase			108	0	CH	9713	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230118	January	2030	9669	9451	0	0	0	Critical Branch	Validation phase			218	0	CH	9176	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230121	January	2030	9870	9733	0	0	0	Scheduled TTC	Validation phase			137	0	CH	9458	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230121	January	2130	9795	9107	0	0	0	Scheduled TTC	Validation phase			688	0	CH	8832	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230121	January	2230	9795	9609	0	0	0	Scheduled TTC	Validation phase			186	0	CH	9334	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230125	January	1630	9895	9361	0	0	0	Scheduled TTC	Validation phase			534	0	CH	9086	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230126	January	1630	9923	9897	0	0	0	Scheduled TTC	Validation phase			26	0	CH	9622	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza, C: N-2 Pradella-Robbia + Filisur-Robbia
20230126	January	2130	9654	9520	0	0	0	Scheduled TTC	Validation phase			134	0	CH	9245	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%			
20230126	January	2230	9654	9603	0	0	0	Scheduled TTC	Validation phase	51	0	CH	9328	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano, C: N-2 Pradella-Robbia + Filisur-Robbia
20230128	January	2130	9435	9396	0	0	0	Scheduled TTC	Validation phase	39	0	CH	9121	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230130	January	1230	10145	9993	0	0	0	Scheduled TTC	Validation phase	152	0	CH	9718	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230130	January	1330	10145	10137	0	0	0	Scheduled TTC	Validation phase	8	0	CH	9862	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230130	January	1430	10145	9870	0	0	0	Scheduled TTC	Validation phase	275	0	CH	9596	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230130	January	1530	10715	10372	0	0	0	Scheduled TTC	Validation phase	343	0	CH	10096	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230130	January	1630	10715	10432	0	0	0	Scheduled TTC	Validation phase	283	0	CH	10157	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230131	January	1830	9512	9232	0	0	0	Scheduled TTC	Validation phase	280	0	CH	8957	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230131	January	1930	9512	9105	0	0	0	Scheduled TTC	Validation phase	407	0	CH	8830	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

BD	Month	TS	TTC					LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230131	January	2030	9512	8850	0	0	0	Scheduled TTC	Validation phase	662	0	CH	8575	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

Table 10: ID TS with bilateral TTC reduction during the validation process for January

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%			
20230120	January	1730	8185	8175	281	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	10	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0

Table 11: ID TS with global TTC reduction during the validation process for February

BD	Month	TS	TTC					LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230201	February	1630	9911	9672	0	0	0	Scheduled TTC	Validation phase	239	0	CH	9397	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230201	February	1730	9911	9903	0	0	0	Scheduled TTC	Validation phase	8	0	CH	9628	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230201	February	1830	9526	9436	0	0	0	Scheduled TTC	Validation phase	90	0	CH	9161	Expected overloading on the following CNEC: CNE: 380kV Bulciago - 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%			
20230201	February	1930	9526	9149	0	0	0	Scheduled TTC	Validation phase	377	0	CH	8874	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230201	February	2130	9804	9731	0	0	0	Scheduled TTC	Validation phase	73	0	CH	9456	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230201	February	2230	9804	9749	0	0	0	Scheduled TTC	Validation phase	55	0	CH	9474	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230202	February	1430	9474	9414	0	0	0	Scheduled TTC	Validation phase	60	0	CH	9139	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230202	February	1530	9762	9509	0	0	0	Scheduled TTC	Validation phase	253	0	CH	9234	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230202	February	1630	9762	9592	0	0	0	Scheduled TTC	Validation phase	170	0	CH	9317	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230202	February	2030	9744	9671	0	0	0	Scheduled TTC	Validation phase	73	0	CH	9396	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230202	February	2130	9903	9897	0	0	0	Scheduled TTC	Validation phase	6	0	CH	9622	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230202	February	2230	9903	8929	0	0	0	Scheduled TTC	Validation phase	974	0	CH	8654	Expected overloading on the following CNEC: CNE: 380kV Bulciago - 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%			
20230202	February	2330	9088	8818	0	0	0	Scheduled TTC	Validation phase	270	0	CH	8543	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230203	February	1530	9353	8749	0	0	0	Critical Branch	Validation phase	604	0	CH	8474	Expected overloading on the following CNEC: CNE: 380kV Bulciago-Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230203	February	2230	8886	8247	0	0	0	Critical Branch	Validation phase	639	0	CH	7972	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230205	February	1830	10182	9183	0	0	0	Critical Branch	Smoothering Ramp	999	0	Smoothing		
20230205	February	1930	10182	9183	0	0	0	Critical Branch	Scheduled TTC	999	0	Fictive flag		
20230205	February	2030	10182	9183	0	0	0	Critical Branch	Scheduled TTC	999	0	Fictive flag		
20230206	February	2130	9779	9664	0	0	0	Critical Branch	Validation phase	115	0	CH	9389	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230206	February	2230	9779	9311	0	0	0	Critical Branch	Validation phase	468	0	CH	9036	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230207	February	1230	9939	8341	0	0	0	Scheduled TTC	Validation phase	1598	0	CH	8066	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230207	February	1330	9939	8929	0	0	0	Scheduled TTC	Validation phase	1010	0	CH	8654	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230207	February	1430	9939	8976	0	0	0	Scheduled TTC	Validation phase	963	0	CH	8701	Expected overloading on the following CNEC: CNE: 380kV Bulciago - 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%			
20230207	February	1530	10324	9541	0	0	0	Scheduled TTC	Validation phase	783	0	CH	9266	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230207	February	1630	10324	10233	0	0	0	Scheduled TTC	Validation phase	91	0	CH	9957	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230207	February	2030	10354	10164	0	0	0	Scheduled TTC	Validation phase	190	0	CH	9889	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230207	February	2330	10008	9235	0	0	0	Scheduled TTC	Validation phase	773	0	CH	8960	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230208	February	1530	10461	9129	0	0	0	Critical Branch	Validation phase	1332	0	CH	8854	Overload on 380kV Bulciago Soazza by N-2 Filisur Robbia and and Golrago Robbia
20230208	February	1730	10661	9654	0	0	0	Critical Branch	Validation phase	1007	0	CH	9379	Overload on 380kV Bulciago Soazza by N-2 Filisur Robbia and and Golrago Robbia
20230208	February	2030	9758	9100	0	0	0	Critical Branch	Validation phase	658	0	CH	8825	Overload on 380kV Bulciago Soazza by N-2 Filisur Robbia and and Golrago Robbia
20230209	February	1530	9617	9090	0	0	0	Critical Branch	Validation phase	527	0	CH	8815	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230209	February	2130	9770	9703	0	0	0	Critical Branch	Validation phase	67	0	CH	9428	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230210	February	1530	10715	9386	0	0	0	Critical Branch	Validation phase	1329	0	CH	9111	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%			
20230210	February	1630	10715	10380	0	0	0	Critical Branch	Validation phase	335	0	CH	10105	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230210	February	1730	10715	9981	0	0	0	Critical Branch	Validation phase	734	0	CH	9706	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230210	February	1830	9732	9436	0	0	0	Critical Branch	Validation phase	296	0	CH	9162	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230210	February	1930	9732	9280	0	0	0	Critical Branch	Validation phase	452	0	CH	9005	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230210	February	2030	9732	9093	0	0	0	Critical Branch	Validation phase	639	0	CH	8818	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230211	February	1630	9005	8776	0	0	0	Critical Branch	Validation phase	229	0	CH	8501	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230211	February	1830	9288	9088	0	0	0	Critical Branch	Validation phase	200	0	CH	8813	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230211	February	1930	9288	8807	0	0	0	Critical Branch	Validation phase	481	0	CH	8532	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230211	February	2030	9288	9218	0	0	0	Critical Branch	Validation phase	70	0	CH	8943	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230211	February	2130	8879	8784	0	0	0	Critical Branch	Validation phase	95	0	CH	8509	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%			
20230211	February	2230	8879	8769	0	0	0	Critical Branch	Validation phase	110	0	CH	8494	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230212	February	2030	9033	8915	0	0	0	Scheduled TTC	Validation phase	118	0	CH	8640	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230212	February	2230	7970	7854	0	0	0	Scheduled TTC	Validation phase	116	0	CH	7579	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230212	February	2330	7969	7919	0	0	0	Scheduled TTC	Validation phase	50	0	CH	7644	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	February	1830	9564	9289	0	0	0	Critical Branch	Validation phase	275	0	CH	9014	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	February	1930	9564	9407	0	0	0	Critical Branch	Validation phase	157	0	CH	9132	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230213	February	2130	9766	9618	0	0	0	Critical Branch	Validation phase	148	0	CH	9343	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230213	February	2230	9766	9558	0	0	0	Critical Branch	Validation phase	208	0	CH	9283	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230214	February	1530	10929	10402	0	0	0	Critical Branch	Validation phase	527	0	CH	10127	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230214	February	1730	10929	10740	0	0	0	Critical Branch	Validation phase	189	0	CH	10465	Expected overloading on the following CNEC: CNE: 380kV Lavorgo -

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230214	February	1830	10664	10190	0	0	0	Critical Branch	Validation phase	474	0	CH	9916	Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230214	February	1930	10664	10283	0	0	0	Critical Branch	Validation phase	381	0	CH	10007	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230214	February	2030	10664	10607	0	0	0	Critical Branch	Validation phase	57	0	CH	10332	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230214	February	2230	10313	10285	0	0	0	Critical Branch	Validation phase	28	0	CH	10010	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230215	February	1530	10025	9965	0	0	0	Critical Branch	Scheduled TTC	60	0	Fictive flag		
20230215	February	1630	10025	9869	0	0	0	Critical Branch	Validation phase	156	0	CH	9594	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230215	February	1730	10025	9922	0	0	0	Critical Branch	Validation phase	103	0	CH	9647	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230216	February	1230	8942	8441	0	0	0	Scheduled TTC	Validation phase	501	0	CH	8166	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230216	February	1530	10350	10127	0	0	0	Critical Branch	Validation phase	223	0	CH	9852	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%			
20230216	February	1630	10350	9710	0	0	0	Critical Branch	Validation phase	640	0	CH	9435	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230216	February	1830	9703	9404	0	0	0	Critical Branch	Validation phase	299	0	CH	9128	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230216	February	1930	9703	9158	0	0	0	Critical Branch	Validation phase	545	0	CH	8883	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230216	February	2030	9703	8858	0	0	0	Critical Branch	Validation phase	845	0	CH	8583	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230217	February	1530	10065	9356	0	0	0	Critical Branch	Validation phase	709	0	CH	9081	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230217	February	1630	10065	9961	0	0	0	Critical Branch	Validation phase	104	0	CH	9686	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230217	February	1730	10665	10230	0	0	0	Critical Branch	Validation phase	435	0	CH	9955	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230218	February	1230	9409	8340	0	0	0	Scheduled TTC	Validation phase	1069	0	CH	8065	N-2 Pradella-Robbia + Filisur-Robbia
20230218	February	1530	9306	8810	0	0	0	Critical Branch	Validation phase	496	0	CH	8553	N-2 Pradella-Robbia + Filisur-Robbia
20230221	February	1530	8143	6939	0	0	0	Critical Branch	Scheduled TTC	1204	0	Fictive flag		
20230221	February	1630	8143	6939	0	0	0	Critical Branch	Scheduled TTC	1204	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%			
20230221	February	1730	8143	6939	0	0	0	Critical Branch	Scheduled TTC	1204	0	Fictive flag		
20230221	February	2130	7627	6683	0	0	0	Critical Branch	Scheduled TTC	944	0	Fictive flag		
20230221	February	2230	7627	6683	0	0	0	Critical Branch	Scheduled TTC	944	0	Fictive flag		
20230221	February	2330	7012	6683	0	0	0	Critical Branch	Scheduled TTC	329	0	Fictive flag		
20230222	February	2130	7406	7313	0	0	0	Critical Branch	Scheduled TTC	93	0	Fictive flag		
20230222	February	2230	7406	7313	0	0	0	Critical Branch	Scheduled TTC	93	0	Fictive flag		
20230222	February	2330	6791	6698	0	0	0	Critical Branch	Scheduled TTC	93	0	Fictive flag		
20230223	February	2130	7738	7387	0	0	0	Critical Branch	Scheduled TTC	351	0	Fictive flag		
20230223	February	2230	7738	7387	0	0	0	Critical Branch	Scheduled TTC	351	0	Fictive flag		
20230223	February	2330	7123	6771	0	0	0	Critical Branch	Scheduled TTC	352	0	Fictive flag		
20230224	February	1430	8381	8109	0	0	0	Scheduled TTC	Validation phase	272	0	CH	7834	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230224	February	1530	8625	8565	0	0	0	Scheduled TTC	Validation phase	60	0	CH	8290	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230224	February	1630	8625	8580	0	0	0	Scheduled TTC	Validation phase	45	0	CH	8296	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230224	February	1730	8625	8567	0	0	0	Scheduled TTC	Validation phase	58	0	CH	8292	Expected overloading on the following CNEC: CNE: 380kV Bulciago - 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%			
20230225	February	1530	7976	7635	0	0	0	Critical Branch	Scheduled TTC	341	0			Fictive flag
20230225	February	1630	7976	7635	0	0	0	Critical Branch	Scheduled TTC	341	0			Fictive flag
20230225	February	1730	7976	7635	0	0	0	Critical Branch	Scheduled TTC	341	0			Fictive flag
20230225	February	1830	7634	7335	0	0	0	Critical Branch	Scheduled TTC	299	0			Fictive flag
20230225	February	1930	7634	7335	0	0	0	Critical Branch	Validation phase	299	0	CH	7060	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	February	2030	7634	7335	0	0	0	Critical Branch	Validation phase	299	0	CH	7060	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	February	2130	7570	7495	0	0	0	Scheduled TTC	Validation phase	75	0	CH	7220	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230225	February	2230	7570	7281	0	0	0	Scheduled TTC	Validation phase	289	0	CH	7006	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230228	February	1230	7423	6182	0	0	0	Scheduled TTC	Validation phase	1241	0	CH	5907	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230228	February	1330	7423	7097	0	0	0	Scheduled TTC	Validation phase	326	0	CH	6822	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230228	February	1430	7423	7052	0	0	0	Scheduled TTC	Validation phase	371	0	CH	6777	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230228	February	1530	8106	8101	0	0	0	ID schedules	Validation phase	5	0	CH	7826	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%			
20230228	February	1730	7172	6911	0	0	0	Critical Branch	Validation phase	261	0	CH	6636	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230228	February	2030	6218	5373	0	0	0	Critical Branch	Validation phase	845	0	CH	5098	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230228	February	2130	6033	5649	0	0	0	Critical Branch	Validation phase	384	0	CH	5374	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

Table 12: ID TS with bilateral TTC reduction during the validation process for February

BD	Month	TS	TTC		AT-IT FR-IT	ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated		Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230203	February	2030	9877	9398	3341	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	479	0	FR	3341	Bilateral - Retrait HVDC GRANDE ILE - PIOSSASCO 2
20230204	February	1630	7451	7192	0	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	259	0	AT	- 100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230218	February	1330	9409	8484	2886	0	0	0	Scheduled TTC	Validation phase	925	0	FR	2886	Bilateral - FIL Outage
20230218	February	1430	9409	8371	2886	0	0	0	Scheduled TTC	Validation phase	1038	0	FR	2886	Bilateral - FIL Outage
20230218	February	1630	9306	9033	3371	0	0	0	Critical Branch	Validation phase	273	0	FR	2886	Bilateral - FIL Outage
20230218	February	1730	9306	9092	3371	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	214	0	FR	2886	Bilateral - FIL Outage

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%			
20230219	February	1230	9911	9074	3200	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	837	0	FR	3200	Bilateral - FII outage
20230219	February	1330	9911	9074	3200	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	837	0	FR	3200	Bilateral - FII outage
20230219	February	1430	9911	9074	3200	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	837	0	FR	3200	Bilateral - FII outage
20230219	February	1530	9432	9135	3533	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	297	0	FR	3200	Bilateral - FII outage
20230219	February	1630	9432	8875	3251	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	557	0	FR	3200	Bilateral - FII outage
20230219	February	1730	9432	9160	3533	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	272	0	FR	3200	Bilateral - FII outage
20230219	February	1830	8790	8438	3200	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	352	0	FR	3200	Bilateral - FII outage
20230219	February	1930	8790	8438	3200	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	352	0	FR	3200	Bilateral - FII outage
20230219	February	2030	8790	8438	3200	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	352	0	FR	3200	Bilateral - FII outage
20230219	February	2130	8316	8170	3200	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	146	0	FR	3200	Bilateral - FII outage
20230219	February	2230	8316	8170	3200	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	146	0	FR	3200	Bilateral - FII outage
20230219	February	2330	8316	8156	3200	0	0	0	Critical Branch	Validation phase	160	0	FR	3200	Bilateral - FII outage

			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
20230221	February	1830	7417	6973	275	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	444	0	AT	- 100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230221	February	1930	7417	6973	275	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	444	0	AT	- 100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230221	February	2030	7417	6973	275	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	444	0	AT	- 100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0

Table 13: ID TS with global TTC reduction during the validation process for March

			TTC		ANTC			LimitedBy		Validation				
BD	Month	TS	Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230301	March	2130	5947	5916	-2354	-2354	-2323	Critical Branch	Validation phase	31	0	CH	5641	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230302	March	1930	6252	6231	0	0	0	Scheduled TTC	Validation phase	21	0	CH	5956	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230304	March	1630	6960	6842	0	0	0	Critical Branch	Validation phase	118	0	CH	6567	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230304	March	2030	7103	6611	0	0	0	Scheduled TTC	Validation phase	492	0	CH	6336	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230305	March	1830	7358	6730	0	0	0	Critical Branch	Smoothing Ramp	628	0	Smoothing		

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230305	March	1930	7358	6590	0	0	0	Critical Branch	Validation phase	768	0	CH	6315	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230305	March	2030	7358	6830	0	0	0	Critical Branch	Validation phase	528	0	CH	6561	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230306	March	1230	7054	6888	0	0	0	Critical Branch	Validation phase	166	0	CH	6613	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230306	March	1330	7054	6550	0	0	0	Critical Branch	Validation phase	504	0	CH	6275	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230306	March	1430	7054	6607	0	0	0	Critical Branch	Validation phase	447	0	CH	6332	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230306	March	1630	6966	6792	0	0	0	Critical Branch	Validation phase	174	0	CH	6517	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline C: N-2 ALBERTVILLE-RONDISSONE
20230306	March	2230	6110	5996	0	0	0	Critical Branch	Validation phase	114	0	CH	5721	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230307	March	1230	6628	5888	0	0	0	Scheduled TTC	Validation phase	740	0	CH	5613	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230307	March	1330	6628	6018	0	0	0	Scheduled TTC	Validation phase	610	0	CH	5743	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230307	March	1430	6841	6168	0	0	0	Scheduled TTC	Smoothing Ramp	673	0	Smoothing		
20230307	March	1530	6361	4516	0	0	0	Scheduled TTC	Validation phase	1845	0	CH	4241	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%			
20230307	March	1630	6361	5492	0	0	0	Scheduled TTC	Validation phase	869	0	CH	5217	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230307	March	1730	6361	5765	0	0	0	Scheduled TTC	Validation phase	596	0	CH	5460	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230307	March	1830	6435	6110	0	0	0	Scheduled TTC	Validation phase	325	0	CH	5835	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230307	March	2030	6435	5847	0	0	0	Scheduled TTC	Smoothing Ramp	588	0	Smoothing		
20230307	March	2130	6674	4319	0	0	0	Scheduled TTC	Validation phase	2355	0	CH	4044	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230307	March	2230	6619	4026	0	0	0	Scheduled TTC	Validation phase	2593	0	CH	3751	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230307	March	2330	6005	4383	0	0	0	Scheduled TTC	Validation phase	1622	0	CH	4108	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230312	March	1630	7274	6773	0	0	0	Scheduled TTC	Validation phase	501	0	CH	6499	Expecting overload on the following CNEC: CNE 220 kV Riddes ? Valpelline C N-2 Alberville-Rondissone 1+2
20230312	March	1730	7274	6864	0	0	0	Scheduled TTC	Validation phase	410	0	CH	6589	Expecting overload on the following CNEC: CNE 220 kV Riddes ? Valpelline C N-2 Alberville-Rondissone 1+2
20230316	March	1830	8148	7144	0	0	0	Critical Branch	Validation phase	1004	0	CH	6869	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230316	March	1930	8148	7265	0	0	0	Critical Branch	Validation phase	883	0	CH	6990	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%			
20230316	March	2030	8148	7549	0	0	0	Critical Branch	Validation phase	599	0	CH	7273	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230319	March	1830	8078	7119	0	0	0	Critical Branch	Validation phase	959	0	CH	6844	Missing CNEC in CC: CNE: 220kV Pallanzeno - Serra , C: N-2 Pradella-Robbia + Filisur-Robbia
20230319	March	1930	8078	7300	0	0	0	Critical Branch	Scheduled TTC	778	0	Fictive flag		
20230319	March	2030	8078	7300	0	0	0	Critical Branch	Scheduled TTC	778	0	Fictive flag		
20230320	March	1230	7195	6485	0	0	0	Critical Branch	Validation phase	710	0	CH	6206	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-2 Pradella-Robbia + Filisur-Robbia
20230320	March	1330	7195	6485	0	0	0	Critical Branch	Validation phase	710	0	CH	6210	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-2 Pradella-Robbia + Filisur-Robbia
20230320	March	1430	7195	6485	0	0	0	Critical Branch	Validation phase	710	0	CH	6210	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-2 Pradella-Robbia + Filisur-Robbia
20230320	March	1830	7440	6938	0	0	0	Critical Branch	Validation phase	502	0	CH	6654	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230320	March	1930	7440	6970	0	0	0	Critical Branch	Validation phase	470	0	CH	6695	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230320	March	2030	7440	6908	0	0	0	Critical Branch	Validation phase	532	0	CH	6633	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230320	March	2130	7130	6989	0	0	0	Critical Branch	Validation phase	141	0	CH	6714	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-2 Pradella-Robbia + Filisur-Robbia
20230320	March	2230	7130	6978	0	0	0	Critical Branch	Validation phase	152	0	CH	6703	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , 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%			
20230322	March	2230	7993	7865	-2465	-2465	-2337	Critical Branch	Validation phase	128	0	CH	7590	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230323	March	1830	8237	7754	0	0	0	Critical Branch	Validation phase	483	0	CH	7479	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230323	March	1930	8237	7754	0	0	0	Critical Branch	Validation phase	483	0	CH	7479	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230323	March	2030	8237	7828	0	0	0	Critical Branch	Validation phase	409	0	CH	7553	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230323	March	2230	7885	7878	0	0	0	Critical Branch	Validation phase	7	0	CH	7603	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230324	March	1530	6677	6401	0	0	0	Critical Branch	Scheduled TTC	276	0	Fictive flag		
20230324	March	1630	6677	6401	0	0	0	Critical Branch	Scheduled TTC	276	0	Fictive flag		
20230324	March	1730	6677	6401	0	0	0	Critical Branch	Scheduled TTC	276	0	Fictive flag		
20230324	March	2130	7594	7149	0	0	0	Critical Branch	Scheduled TTC	445	0	Fictive flag		
20230324	March	2230	7594	7149	0	0	0	Critical Branch	Scheduled TTC	445	0	Fictive flag		
20230324	March	2330	6984	6539	0	0	0	Critical Branch	Scheduled TTC	445	0	Fictive flag		
20230327	March	2130	6470	6087	0	0	0	Scheduled TTC	Validation phase	383	0	CH	5812	Expected overloading on the following CNEC: CNE: 220kV Ponte - Y/Acqua , C: N-2 Pradella-Robbia + Filisur-Robbia
20230328	March	1830	7174	5713	0	0	0	Critical Branch	Scheduled TTC	1461	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%			
20230328	March	1930	7174	5713	0	0	0	Critical Branch	Scheduled TTC	1461	0	Fictive flag		
20230328	March	2030	7174	5713	0	0	0	Critical Branch	Scheduled TTC	1461	0	Fictive flag		
20230328	March	2130	6397	5713	-5882	-5882	-5185	Critical Branch	Scheduled TTC	684	0	Fictive flag		
20230328	March	2230	6397	5713	-5882	-5882	-5185	Critical Branch	Scheduled TTC	684	0	Fictive flag		
20230328	March	2330	5787	5583	-5282	-5282	-5073	Critical Branch	Scheduled TTC	204	0	Fictive flag		
20230329	March	1230	6445	6200	0	0	0	GSK Limitation	Scheduled TTC	245	0	Fictive flag		
20230329	March	1330	6445	6200	0	0	0	GSK Limitation	Scheduled TTC	245	0	Fictive flag		
20230329	March	1430	6445	6200	0	0	0	GSK Limitation	Scheduled TTC	245	0	Fictive flag		
20230329	March	1830	6773	6434	0	0	0	Critical Branch	Validation phase	339	0	CH	6159	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230329	March	2130	7574	5717	0	0	0	Critical Branch	Scheduled TTC	1857	0	Fictive flag		
20230329	March	2230	7574	5717	0	0	0	Critical Branch	Scheduled TTC	1857	0	Fictive flag		
20230329	March	2330	6964	5107	0	0	0	Critical Branch	Scheduled TTC	1857	0	Fictive flag		

Table 14: ID TS with bilateral TTC reduction during the validation process for March

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%			
20230325	March	1830	7577	6190	2200	0	0	0	Critical Branch	Scheduled TTC	1387	0	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230325	March	1930	7577	6190	2200	0	0	0	Critical Branch	Scheduled TTC	1387	0	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230325	March	2030	7577	6190	2200	0	0	0	Critical Branch	Scheduled TTC	1387	0	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230325	March	2130	7205	6375	2200	0	0	0	Critical Branch	Scheduled TTC	830	0	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230325	March	2230	7205	6375	2200	0	0	0	Critical Branch	Scheduled TTC	830	0	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230325	March	2330	6595	6023	2200	0	0	0	Critical Branch	Scheduled TTC	572	0	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230326	March	1230	6102	5777	2200	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	325	0	FR	2200	N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230326	March	1330	6102	5777	2200	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	325	0	FR	2200	N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230326	March	1430	5460	5286	2200	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	174	0	FR	2200	N-2 Albertville- Rondissone/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%			
20230326	March	1530	5460	5162	2200	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	298	0	FR	2200	N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230326	March	1730	6510	6508	2200	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	2	0	FR	2200	N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230326	March	2330	7040	6168	2200	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	872	0	FR	2200	N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230327	March	1230	6538	6469	2200	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	69	0	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230327	March	1330	6538	6469	2200	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	69	0	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230327	March	1430	6538	6469	2200	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	69	0	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230327	March	1530	6726	6292	2200	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	434	0	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230327	March	1630	6726	6292	2200	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	434	0	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville- Grande Ile 3
20230327	March	1730	6726	6292	2200	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	434	0	FR	2200	Bilateral - N-2 Albertville- Rondissone/Albertville- Grande Ile 3



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 presented in section 2.2 are reported. As seen from Figure 14, no record of reduction on TTC and on the 70% minMargin requirement occurred for the IDCC process in Q1 2023.

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

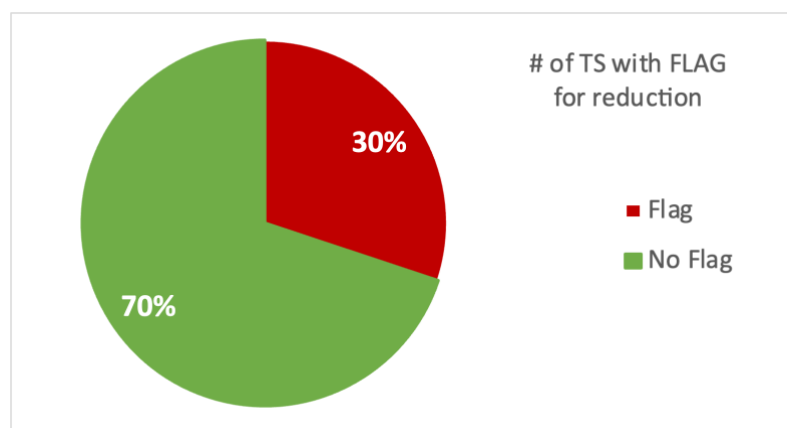
5.4.1. Assessment of 70% reduction

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. For this quarter, this incidence did not occur for the IDCC process.

5.4.2. Assessment of TTC reduction and red flags sent by the TSOs

This subsection presents an analysis of the reduction red flags sent by the TSOs. Figure 16 presents the distribution of TSs with and without flag during the period of analysis.

Figure 16: ID share of TS with and without flag

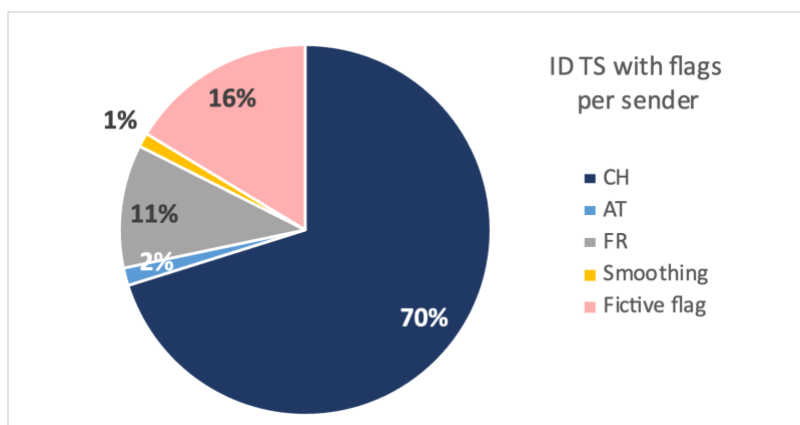


In ID, the validation process during Q1 was limited by four types of flag's provider:

- 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.

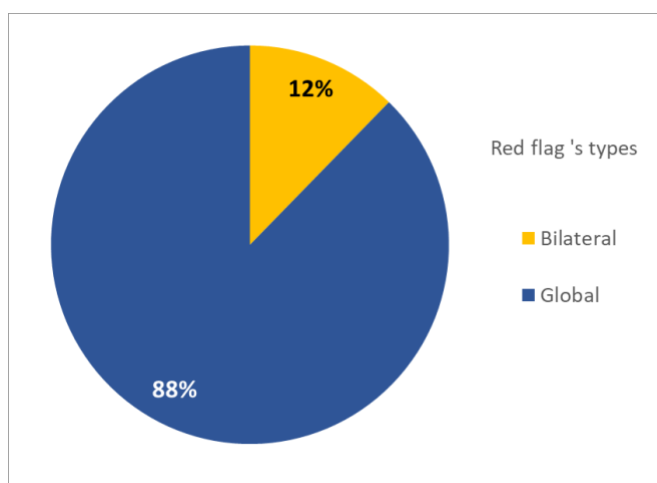
Figure 17 presents the share of each type of flag during the quarter. The TSO with the highest share of reduction is Swissgrid.

Figure 17: 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 18.

Figure 18: 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
- Missing CNEC in Capacity Calculation
- Fictive flag
- Fault
- High Redispatch issue
- Outages
- Missing input

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

Figure 19: ID type of flags sent by Swissgrid

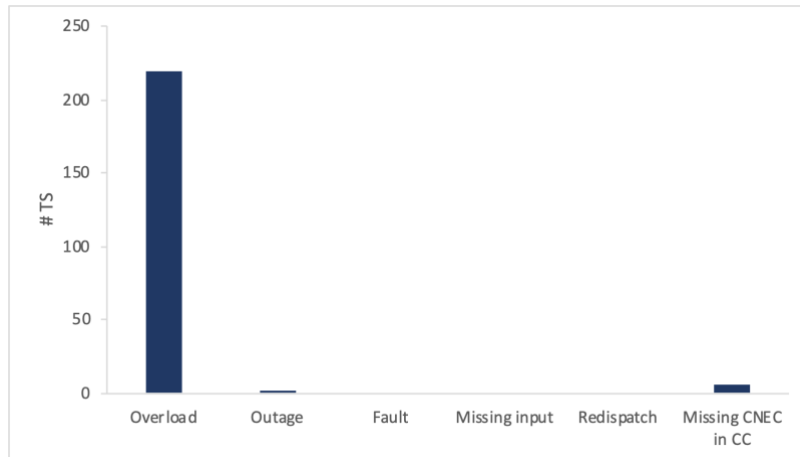


Figure 20: ID type of flags sent by APG

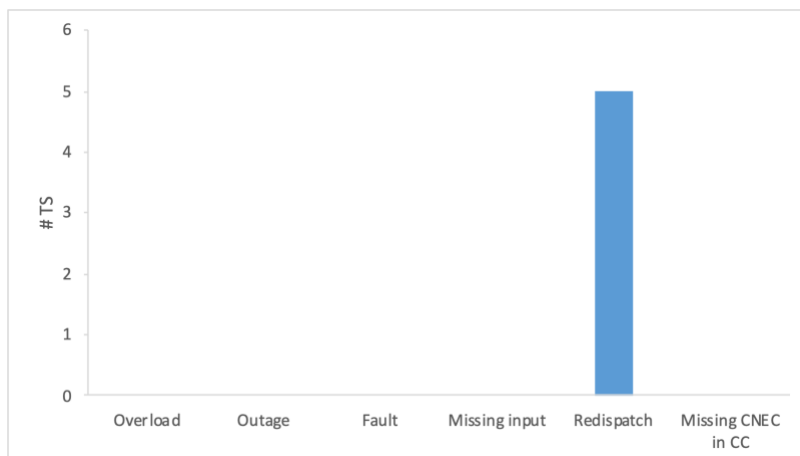
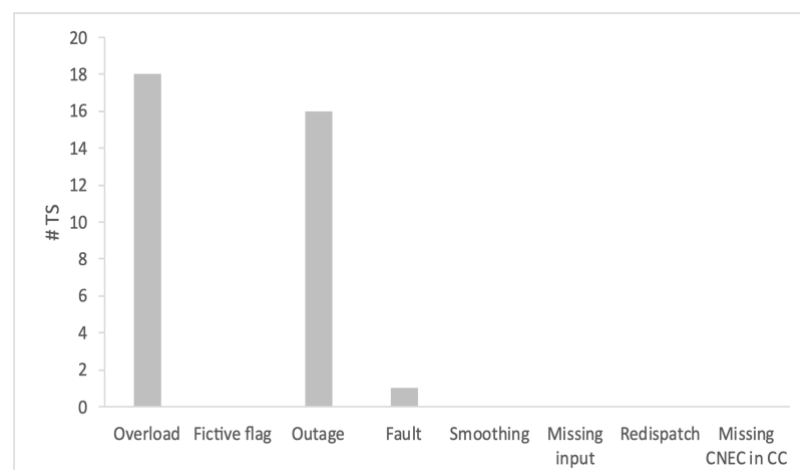


Figure 21: ID type of flags sent by RTE



Finally, the Overload reasons have been analysed and the following lines and outages are the ones that limited the capacity for Q1 in the region.

Table 15: ID list of Critical Branches reported on FLAGS

CB name
380kV Fiorano - Robbia
220kV Riddes - Valpelline
220kV Avise - Riddes
380kV Filisur - Robbia
380kV Sils - Soazza
380kV Pradella-Robbia
380kV Lavorgo - Musignano
220kV Pallanzeno - Serra
380kV Bulciago - Soazza
220kV Ponte - Y/Acqua
400kV Albertville-Grande Ile 3

Table 16: ID list of Critical Outages reported on FLAGS

CO name
N-1 SOAZZA-BULCIAGO
N-2 ALBERTVILLE-RONDISSONE
N-1 VILLARODIN-VENAUS
N-1 PRADELLA-ROBBIA
N-2 Pradella-Robbia + Filisur-Robbia
N-2 Pradella-Sils + Filisur-Sils
N-2 Robbia-Gorlago + Robbia-S.Fiorano
N-2 Gorlago-Piancamuno + Robbia-Gorlago
N-2 Pradella-Sils + Filisur-Robbia

5.5. Recommendations

Not applicable for Italy North region