

Quarterly report for Article 16.3 of EU Regulation 2019/943

D2 and ID Coordinated Capacity Calculation on the
Italy North region

Q4 2022

1st of October – 31st of December

Version 1.0

RCC

Information Classification: ☒ *Public* ☐ *Restricted* ☐ *Confidential*

Table of content

1. Introduction.....	6
2. Description of the reported reductions of capacity.....	7
2.1. Reduction of capacity after 70% adjustment.....	7
2.2. Reduction of capacity after TSOs validation process	7
3. Description of the report	8
4. D2 information	9
4.1. Reduction of capacity after 70% adjustment.....	9
4.2. Reduction of capacity after TSOs validation	11
4.2.1. Reduction on TTC.....	12
4.2.2. Reduction on TTC and on 70% requirement.....	67
4.3. Deviation from coordinated actions	71
4.4. Assessment of the incidences.....	72
4.4.1. Assessment of 70% reduction	72
4.4.2. Assessment of red flags sent by TSOs	73
4.5 Recommendations	78
5. ID information	79
5.1. Reduction of capacity after 70% adjustment.....	79
5.2. Reduction of capacity after TSOs validation	81
5.2.1 Reduction on TTC.....	82
5.2.1 Reduction on TTC and on 70% requirement.....	104
5.3. Deviation from coordinated actions	105
5.4. Assessment of the incidences.....	106
5.4.1. Assessment of 70% reduction	106
5.4.2. Assessment of TTC reduction and red flags sent by the TSOs.....	107
5.5. Recommendations	112

LIST OF TABLES

Table 1: D2 Reduction after 70% minMargin adjustment for October	10
Table 4: D2 TS with global TTC reduction during the validation process for October	12
Table 5: D2 TS with bilateral TTC reduction during the validation process for October	34
Table 6: D2 TS with global TTC reduction during the validation process for November	37
Table 7: D2 TS with global TTC reduction during the validation process for December	58
Table 8: D2 TS with global TTC reduction and reduction compared to 70% during the validation process for October	67
Table 8: D2 TS with global TTC reduction and reduction compared to 70% during the validation process for December	68
Table 12: D2 list of Critical Branches reported on FLAGS	76
Table 13: D2 list of Critical Outages reported on FLAGS	77
Table 14: ID Reduction after 70% minMargin adjustment for October	80
Table 15: ID TS with global TTC reduction during the validation process for October	82
Table 16: ID TS with bilateral TTC reduction during the validation process for October	86
Table 17: ID TS with global TTC reduction during the validation process for November	87
Table 18: ID TS with bilateral TTC reduction during the validation process for November	95
Table 19: ID TS with global TTC reduction during the validation process for December	96
Table 20: ID TS with bilateral TTC reduction during the validation process for December	103
Table 21: D2 TS with global TTC reduction and reduction compared to 70% during the validation process for October	104
Table 12: ID list of Critical Branches reported on FLAGS	111
Table 13: D2 list of Critical Outages reported on FLAGS	111

LIST OF FIGURES

Figure 1: D2 TTC Calculation results	9
Figure 2: D2 summary of TS during the adjustment process.....	10
Figure 3: D2 summary of TS during the validation process.....	11
Figure 4: D2 Distribution of required capacity for adjustment vs average of feasible capacity	72
Figure 5: D2 # TS with reduction per month vs the average % of reduction on that month	73
Figure 6: D2 share of TS with and without flag	73
Figure 7: D2 share of TS with flags classified by sender.....	74
Figure 8: D2 Share of global and bilateral flags.....	74
Figure 9: D2 type of flags sent by Swissgrid	75
Figure 10: D2 type of flags sent by APG	75
Figure 11: D2 type of flags sent by TERNAL	76
Figure 12: ID TTC Calculation results	79
Figure 13: ID summary of status of TSs during adjustment process.....	80
Figure 14: Summary of status of TSs during validation process in ID	81
Figure 15: ID Distribution of required capacity for adjustment vs average of feasible capacity	106
Figure 16: ID #TS with reduction per month vs the average % of reduction on that month	107
Figure 17: ID share of TS with and without flag	107
Figure 18: ID share of TS with flags classified by sender.....	108
Figure 19: ID Share of global and bilateral flags.....	109
Figure 20: ID type of flags sent by Swissgrid	109
Figure 21: ID type of flags sent by APG	110
Figure 22: ID type of flags sent by APG	110

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 Q4 2022. 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 Q4 report includes the results from the 1st of October till the 31st of December 2022. The number of days considered in this report is 92 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:

2022Q4 Summary Art16.3 D-2 ID Report Data.xlsx.

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

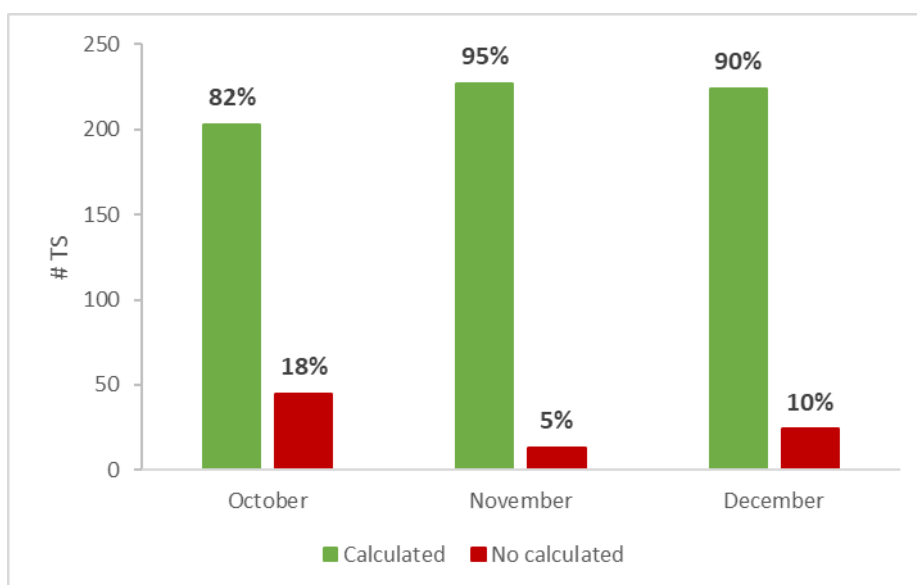
4. D2 information

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 Q4 the TTC calculation process. Please note that the adjustment process could be performed only on these calculated TSs.

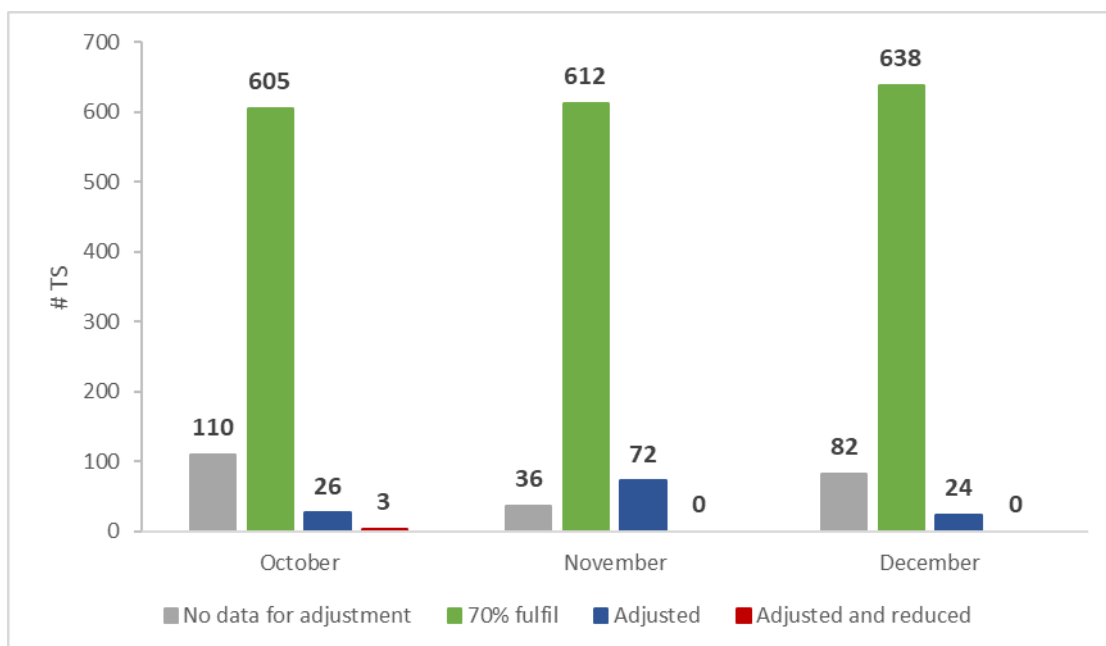
Figure 1: D2 TTC Calculation results



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, only October had some reductions. More details are presented in the next table.

Table 1: D2 Reduction after 70% minMargin adjustment for October

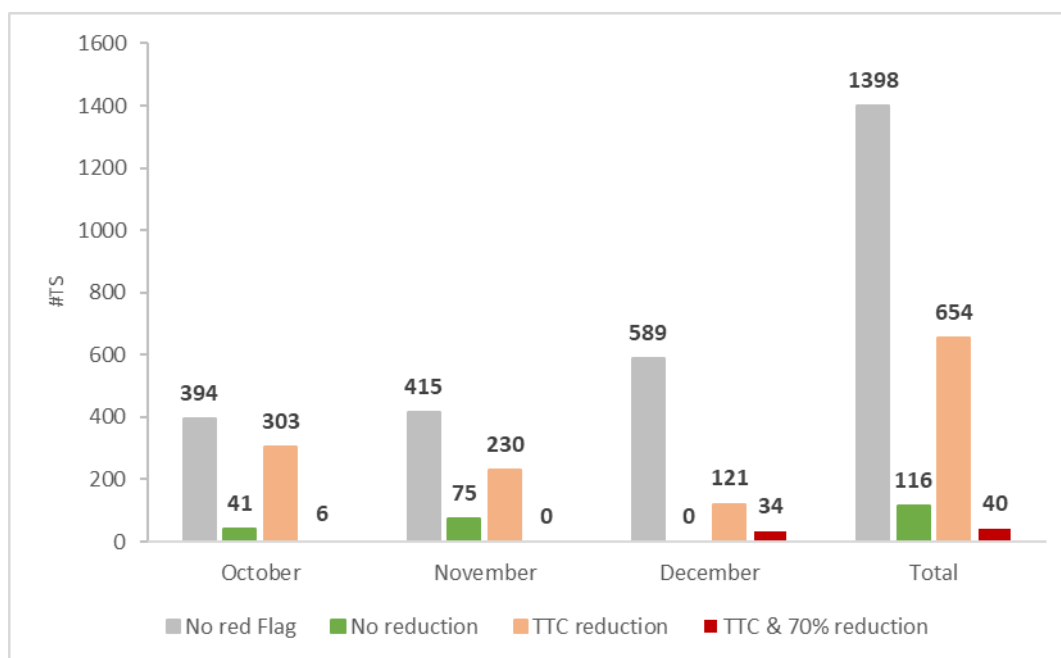
BD	TS	Adjustment	ANTCfinal	ANTCfeasible	Adjustment	70% reduction	% reduction
20221017	1530	5973	682	443	Minimum Margin	239	35%
20221017	1630	5973	682	443	Minimum Margin	239	35%
20221017	1730	5973	682	443	Minimum Margin	239	35%

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 Q4 the validation process could be performed for all business days except for 2 (20221117 and 20221222), thus no fallback values were applied. 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 October

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221001	0030	8073	7530	-2557	-2557	-2014	Critical Branch	Validation phase	543	0	CH	7260	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	0130	8073	7530	-2557	-2557	-2014	Critical Branch	Validation phase	543	0	CH	7260	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	0230	8073	7530	-2557	-2557	-2014	Critical Branch	Validation phase	543	0	CH	7260	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	0330	8528	7909	-1902	-1902	-1283	Critical Branch	Validation phase	619	0	CH	7639	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	0430	8528	7909	-1902	-1902	-1283	Critical Branch	Validation phase	619	0	CH	7639	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	0530	8528	7909	-1902	-1902	-1283	Critical Branch	Validation phase	619	0	CH	7639	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	0630	8528	7909	-1902	-1902	-1283	Critical Branch	Validation phase	619	0	CH	7639	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221001	0730	8616	7060	-2997	-2997	-1441	Critical Branch	Validation phase	1556	0	CH	6785	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	0830	8616	7060	-2997	-2997	-1441	Critical Branch	Validation phase	1556	0	CH	6785	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	0930	8445	8266	-4676	-4676	-4497	Critical Branch	Validation phase	179	0	CH	7991	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	1030	8445	8266	-4676	-4676	-4497	Critical Branch	Validation phase	179	0	CH	7991	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	1130	8445	8266	-4676	-4676	-4497	Critical Branch	Validation phase	179	0	CH	7991	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	1230	8720	7348	-2407	-2407	-1035	Critical Branch	Validation phase	1372	0	CH	7073	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	1330	8720	7348	-2407	-2407	-1035	Critical Branch	Validation phase	1372	0	CH	7073	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	1430	8720	7348	-2407	-2407	-1035	Critical Branch	Validation phase	1372	0	CH	7073	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	1530	8507	7091	-3273	-3273	-1857	Critical Branch	Validation phase	1416	0	CH	6816	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	1630	8507	7091	-3273	-3273	-1857	Critical Branch	Validation phase	1416	0	CH	6816	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	1730	8507	7091	-3273	-3273	-1857	Critical Branch	Validation phase	1416	0	CH	6816	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221001	1830	8116	7486	-3501	-3501	-2871	Critical Branch	Validation phase	630	0	CH	7211	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	1930	8116	7486	-3501	-3501	-2871	Critical Branch	Validation phase	630	0	CH	7211	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	2030	8116	7486	-3501	-3501	-2871	Critical Branch	Validation phase	630	0	CH	7211	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	2130	8742	7086	-3288	-3288	-1632	Critical Branch	Validation phase	1656	0	CH	6811	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	2230	8742	7086	-3288	-3288	-1632	Critical Branch	Validation phase	1656	0	CH	6811	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221001	2330	7942	7086	-2474	-2474	-1618	Critical Branch	Validation phase	856	0	CH	6816	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221002	0030	8804	8714	-3050	-3050	-2960	Critical Branch	Validation phase	90	0	CH	8444	Missing CNEC in CC: CNE: 380kV Robbia - Sils Preda , C: N-1 FILISUR-ROBBIA
20221002	0130	8804	8714	-3050	-3050	-2960	Critical Branch	Validation phase	90	0	CH	8444	Missing CNEC in CC: CNE: 380kV Robbia - Sils Preda , C: N-1 FILISUR-ROBBIA
20221002	0230	8804	8714	-3050	-3050	-2960	Critical Branch	Validation phase	90	0	CH	8444	Missing CNEC in CC: CNE: 380kV Robbia - Sils Preda , C: N-1 FILISUR-ROBBIA
20221002	0330	8943	8932	-3397	-3397	-3386	Critical Branch	Validation phase	11	0	CH	8662	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE
20221002	0430	8943	8932	-3397	-3397	-3386	Critical Branch	Validation phase	11	0	CH	8662	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE
20221002	0530	8943	8932	-3397	-3397	-3386	Critical Branch	Validation phase	11	0	CH	8662	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221002	0630	8943	8932	-3397	-3397	-3386	Critical Branch	Validation phase	11	0	CH	8662	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20221007	0030	8823	8219	-2607	-2607	-2003	Critical Branch	Validation phase	604	0	CH	7949	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221007	0130	8823	8219	-2607	-2607	-2003	Critical Branch	Validation phase	604	0	CH	7949	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221007	0230	8823	8219	-2607	-2607	-2003	Critical Branch	Validation phase	604	0	CH	7949	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221007	0330	8035	7877	-1752	-1752	-1594	Critical Branch	Validation phase	158	0	CH	7607	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221007	0430	8035	7877	-1752	-1752	-1594	Critical Branch	Validation phase	158	0	CH	7607	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221007	0530	8035	7877	-1752	-1752	-1594	Critical Branch	Validation phase	158	0	CH	7607	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221007	0630	8035	7877	-1752	-1752	-1594	Critical Branch	Validation phase	158	0	CH	7607	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221007	0730	8090	7914	-3061	-3061	-2885	Critical Branch	Validation phase	176	0	CH	7639	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221007	0830	8090	7914	-3061	-3061	-2885	Critical Branch	Validation phase	176	0	CH	7639	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221007	1230	8550	8117	-2887	-2887	-2454	Critical Branch	Validation phase	433	0	CH	7842	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221007	1330	8550	8117	-2887	-2887	-2454	Critical Branch	Validation phase	433	0	CH	7842	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221007	1430	8550	8117	-2887	-2887	-2454	Critical Branch	Validation phase	433	0	CH	7842	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221007	1830	8134	7733	-2919	-2919	-2518	Critical Branch	Validation phase	401	0	CH	7458	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221007	1930	8134	7733	-2919	-2919	-2518	Critical Branch	Validation phase	401	0	CH	7458	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221007	2030	8134	7733	-2919	-2919	-2518	Critical Branch	Validation phase	401	0	CH	7458	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221007	2130	8673	8237	-2920	-2920	-2484	Critical Branch	Validation phase	436	0	CH	7962	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221007	2230	8673	8237	-2920	-2920	-2484	Critical Branch	Validation phase	436	0	CH	7962	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221007	2330	8673	8237	-2890	-2890	-2454	Critical Branch	Validation phase	436	0	CH	7967	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221008	0030	8573	8441	-2164	-2164	-2032	Critical Branch	Validation phase	132	0	CH	8171	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221008	0130	8573	8441	-2164	-2164	-2032	Critical Branch	Validation phase	132	0	CH	8171	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221008	0230	8573	8441	-2164	-2164	-2032	Critical Branch	Validation phase	132	0	CH	8171	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221008	0330	8400	8282	-1782	-1782	-1664	Critical Branch	Validation phase	118	0	CH	8012	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221008	0430	8400	8282	-1782	-1782	-1664	Critical Branch	Validation phase	118	0	CH	8012	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221008	0530	8400	8282	-1782	-1782	-1664	Critical Branch	Validation phase	118	0	CH	8012	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221008	0630	8400	8282	-1782	-1782	-1664	Critical Branch	Validation phase	118	0	CH	8012	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221008	0730	8979	8196	-1466	-1466	-683	Critical Branch	Validation phase	783	0	CH	7921	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221008	0830	8979	8196	-1466	-1466	-683	Critical Branch	Validation phase	783	0	CH	7921	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221008	0930	8942	8441	-1516	-1516	-1015	Critical Branch	Validation phase	501	0	CH	8166	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221008	1030	8942	8441	-1516	-1516	-1015	Critical Branch	Validation phase	501	0	CH	8166	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221008	1130	8942	8441	-1516	-1516	-1015	Critical Branch	Validation phase	501	0	CH	8166	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221008	1230	8881	7870	-2143	-2143	-1132	Critical Branch	Validation phase	1011	0	CH	7595	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221008	1330	8881	7870	-2143	-2143	-1132	Critical Branch	Validation phase	1011	0	CH	7595	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221008	1430	8881	7870	-2143	-2143	-1132	Critical Branch	Validation phase	1011	0	CH	7595	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221008	1530	8811	8077	-2963	-2963	-2229	Critical Branch	Validation phase	734	0	CH	7802	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-1 VALPELLINE-RIDDES
20221008	1630	9111	8377	-3289	-3289	-2555	Critical Branch	Validation phase	734	0	CH	8102	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-1 VALPELLINE-RIDDES
20221008	1730	9111	8377	-3289	-3289	-2555	Critical Branch	Validation phase	734	0	CH	8102	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-1 VALPELLINE-RIDDES
20221008	1830	9031	7486	-1128	-1128	417	Critical Branch	Validation phase	1545	417	CH	7211	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221008	1930	9031	7486	-1128	-1128	417	Critical Branch	Validation phase	1545	417	CH	7211	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221008	2030	9031	7486	-1128	-1128	417	Critical Branch	Validation phase	1545	417	CH	7211	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221008	2130	8722	7926	-2415	-2415	-1619	Critical Branch	Validation phase	796	0	CH	7651	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221008	2230	8722	7926	-2415	-2415	-1619	Critical Branch	Validation phase	796	0	CH	7651	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221008	2330	7922	7126	-1575	-1575	-779	Critical Branch	Validation phase	796	0	CH	6856	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221009	0030	8083	8010	-2343	-2343	-2270	Critical Branch	Validation phase	73	0	CH	7740	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221009	0130	8083	8010	-2343	-2343	-2270	Critical Branch	Validation phase	73	0	CH	7740	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221009	0230	8083	8010	-2343	-2343	-2270	Critical Branch	Validation phase	73	0	CH	7740	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221009	0730	8345	8070	-1655	-1655	-1380	Critical Branch	Validation phase	275	0	IT	7800	N-2 SFIO-ROB&GOR-ROB on SOA-SILS(102%)
20221009	0830	8045	7255	-1293	-1293	-503	Critical Branch	Smoothing ramp	790	0	Smoothing		
20221009	1530	8321	7758	-1893	-1893	-1330	Critical Branch	Smoothing ramp	563	0	Smoothing		
20221009	1830	7942	7902	-1584	-1584	-1544	Critical Branch	Validation phase	40	0	CH	7632	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221009	1930	7942	7902	-1584	-1584	-1544	Critical Branch	Validation phase	40	0	CH	7632	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221009	2030	7942	7902	-1584	-1584	-1544	Critical Branch	Validation phase	40	0	CH	7632	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221009	2130	8324	8170	-4263	-4263	-4109	Critical Branch	Validation phase	154	0	IT	7900	N-2 SFIO-ROB&GOR-ROB on SOA-SILS (101%)
20221009	2230	8324	8170	-4263	-4263	-4109	Critical Branch	Validation phase	154	0	IT	7900	N-2 SFIO-ROB&GOR-ROB on SOA-SILS (101%)
20221009	2330	8324	8170	-4263	-4263	-4109	Critical Branch	Validation phase	154	0	IT	7900	N-2 SFIO-ROB&GOR-ROB on SOA-SILS (101%)
20221010	0030	7815	7715	-2859	-2859	-2759	Critical Branch	Validation phase	100	0	IT	7445	N-2 ROB/YPUNT & FIL/ROB on SOA-SILS(101%)
20221010	0130	7815	7715	-2859	-2859	-2759	Critical Branch	Validation phase	100	0	IT	7445	N-2 ROB/YPUNT & FIL/ROB on SOA-SILS(101%)
20221010	0230	7815	7715	-2859	-2859	-2759	Critical Branch	Validation phase	100	0	IT	7445	N-2 ROB/YPUNT & FIL/ROB on SOA-SILS(101%)
20221010	0330	7742	7724	-1731	-1731	-1713	Critical Branch	Validation phase	18	0	CH	7454	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221010	0430	7742	7724	-1731	-1731	-1713	Critical Branch	Validation phase	18	0	CH	7454	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221010	0530	7742	7724	-1731	-1731	-1713	Critical Branch	Validation phase	18	0	CH	7454	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221010	0630	7742	7167	-1731	-1731	-1156	Critical Branch	Smoothing ramp	575	0	CH	7454	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221010	0730	5758	5667	-2026	-2026	-1935	Critical Branch	Validation phase	91	0	CH	5392	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO
20221010	0830	5758	5667	-2026	-2026	-1935	Critical Branch	Validation phase	91	0	CH	5392	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO
20221010	1530	6377	6062	-2240	-2240	-1925	Critical Branch	Validation phase	315	0	CH	5787	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221010	1630	6377	6062	-2240	-2240	-1925	Critical Branch	Validation phase	315	0	CH	5787	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221010	1730	6377	6062	-2240	-2240	-1925	Critical Branch	Validation phase	315	0	CH	5787	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221010	2130	6780	6627	-3192	-3192	-3039	Critical Branch	Validation phase	153	0	CH	6352	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221010	2230	6039	5886	-2451	-2451	-2298	Critical Branch	Validation phase	153	0	CH	5611	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221010	2330	5239	5086	-1613	-1613	-1460	Critical Branch	Validation phase	153	0	CH	4816	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221012	0930	6073	6035	-1982	-1982	-1944	Critical Branch	Validation phase	38	0	CH	5760	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221012	1030	6073	6035	-1982	-1982	-1944	Critical Branch	Validation phase	38	0	CH	5760	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221012	1130	6073	6035	-1982	-1982	-1944	Critical Branch	Validation phase	38	0	CH	5760	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221012	1230	6213	6109	-2560	-2560	-2456	Critical Branch	Validation phase	104	0	CH	5834	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221012	1330	6213	6109	-2560	-2560	-2456	Critical Branch	Validation phase	104	0	CH	5834	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221012	1430	6213	6109	-2560	-2560	-2456	Critical Branch	Validation phase	104	0	CH	5834	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221012	1830	6668	6613	-2175	-2175	-2120	Critical Branch	Validation phase	55	0	CH	6338	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO
20221012	1930	6668	6613	-2175	-2175	-2120	Critical Branch	Validation phase	55	0	CH	6338	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO
20221012	2030	6668	6613	-2175	-2175	-2120	Critical Branch	Validation phase	55	0	CH	6338	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO
20221014	0930	6543	6273	-2634	-2634	-2364	Critical Branch	Validation phase	270	0	CH	5998	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221014	1030	6543	6273	-2634	-2634	-2364	Critical Branch	Validation phase	270	0	CH	5998	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221014	1130	6543	6273	-2634	-2634	-2364	Critical Branch	Validation phase	270	0	CH	5998	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221014	1230	6837	6803	-1907	-1907	-1873	Critical Branch	Validation phase	34	0	CH	6528	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221014	1330	6837	6803	-1907	-1907	-1873	Critical Branch	Validation phase	34	0	CH	6528	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221014	1430	6837	6803	-1907	-1907	-1873	Critical Branch	Validation phase	34	0	CH	6528	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221014	1530	7446	7251	-1671	-1671	-1476	Critical Branch	Validation phase	195	0	CH	6976	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221014	1630	7446	7251	-1671	-1671	-1476	Critical Branch	Validation phase	195	0	CH	6976	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221014	1730	7446	7251	-1671	-1671	-1476	Critical Branch	Validation phase	195	0	CH	6976	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221014	1830	6751	6732	-1979	-1979	-1960	Critical Branch	Validation phase	19	0	CH	6457	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO
20221014	1930	6751	6732	-1979	-1979	-1960	Critical Branch	Validation phase	19	0	CH	6457	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO
20221014	2030	6751	6732	-1979	-1979	-1960	Critical Branch	Validation phase	19	0	CH	6457	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO
20221016	0030	6626	6168	-1060	-1060	-602	Critical Branch	Validation phase	458	0	CH	5898	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221016	0130	6626	6168	-1060	-1060	-602	Critical Branch	Validation phase	458	0	CH	5898	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221016	0230	6626	6168	-1060	-1060	-602	Critical Branch	Validation phase	458	0	CH	5898	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221016	0330	6712	6073	-2716	-2716	-2077	Critical Branch	Validation phase	639	0	CH	5803	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221016	0430	6712	6073	-2716	-2716	-2077	Critical Branch	Validation phase	639	0	CH	5803	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221016	0530	6712	6073	-2716	-2716	-2077	Critical Branch	Validation phase	639	0	CH	5803	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221016	0630	6712	6073	-2716	-2716	-2077	Critical Branch	Validation phase	639	0	CH	5803	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221017	0030	6575	6112	-1721	-1721	-1258	Critical Branch	Validation phase	463	0	CH	5842	Reduction due to expected overloads on 380 kV Lavorgo-Musignano
20221017	0130	6575	6112	-1721	-1721	-1258	Critical Branch	Validation phase	463	0	CH	5842	Reduction due to expected overloads on 380 kV Lavorgo-Musignano
20221017	0230	6575	6112	-1721	-1721	-1258	Critical Branch	Validation phase	463	0	CH	5842	Reduction due to expected overloads on 380 kV Lavorgo-Musignano
20221017	0330	6569	6112	-1192	-1192	-735	Critical Branch	Validation phase	457	0	CH	5842	Reduction due to expected overloads on 380 kV Lavorgo-Musignano

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221017	0430	6569	6112	-1192	-1192	-735	Critical Branch	Validation phase	457	0	CH	5842	Reduction due to expected overloads on 380 kV Lavorgo-Musignano
20221017	0530	6569	6112	-1192	-1192	-735	Critical Branch	Validation phase	457	0	CH	5842	Reduction due to expected overloads on 380 kV Lavorgo-Musignano
20221017	0630	6569	6112	-1192	-1192	-735	Critical Branch	Validation phase	457	0	CH	5842	Reduction due to expected overloads on 380 kV Lavorgo-Musignano
20221017	1830	6916	5445	-1721	-1721	-250	Critical Branch	Validation phase	1471	0	CH	5170	Reduction due to expected overloads on 380 kV Bulciago-Soazza
20221017	1930	6916	5445	-1721	-1721	-250	Critical Branch	Validation phase	1471	0	CH	5170	Reduction due to expected overloads on 380 kV Bulciago-Soazza
20221017	2030	6916	5445	-1721	-1721	-250	Critical Branch	Validation phase	1471	0	CH	5170	Reduction due to expected overloads on 380 kV Bulciago-Soazza
20221017	2130	6954	6112	-1679	-1679	-837	Critical Branch	Validation phase	842	0	CH	5837	Reduction due to expected overloads on 380 kV Bulciago-Soazza
20221017	2230	6954	6112	-1679	-1679	-837	Critical Branch	Validation phase	842	0	CH	5837	Reduction due to expected overloads on 380 kV Bulciago-Soazza
20221017	2330	6954	6112	-1627	-1627	-785	Critical Branch	Validation phase	842	0	CH	5842	Reduction due to expected overloads on 380 kV Bulciago-Soazza
20221018	0030	7527	6462	-2036	-2036	-971	Critical Branch	Validation phase	1065	0	CH	6192	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221018	0130	7527	6462	-2036	-2036	-971	Critical Branch	Validation phase	1065	0	CH	6192	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221018	0230	7527	6462	-2036	-2036	-971	Critical Branch	Validation phase	1065	0	CH	6192	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221018	0330	6638	5749	-2125	-2125	-1236	Critical Branch	Validation phase	889	0	CH	5479	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221018	0430	6638	5749	-2125	-2125	-1236	Critical Branch	Validation phase	889	0	CH	5479	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221018	0530	6638	5749	-2125	-2125	-1236	Critical Branch	Validation phase	889	0	CH	5479	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221018	0630	6638	5749	-2125	-2125	-1236	Critical Branch	Validation phase	889	0	CH	5479	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221018	0730	6509	5111	-1803	-1803	-405	Critical Branch	Validation phase	1398	0	CH	4836	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO
20221018	0830	6509	5111	-1803	-1803	-405	Critical Branch	Validation phase	1398	0	CH	4836	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO
20221018	0930	6327	4915	-1733	-1733	-321	Critical Branch	Validation phase	1412	0	CH	4640	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221018	1030	6327	4915	-1733	-1733	-321	Critical Branch	Validation phase	1412	0	CH	4640	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221018	1130	6327	4915	-1733	-1733	-321	Critical Branch	Validation phase	1412	0	CH	4640	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221018	1230	6192	5227	-1747	-1747	-782	Critical Branch	Validation phase	965	0	CH	4952	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221018	1330	6192	5227	-1747	-1747	-782	Critical Branch	Validation phase	965	0	CH	4952	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221018	1430	6192	5227	-1747	-1747	-782	Critical Branch	Validation phase	965	0	CH	4952	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221018	1530	6302	5102	-1850	-1850	-650	Critical Branch	Validation phase	1200	0	CH	4827	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221018	1630	6302	5102	-1850	-1850	-650	Critical Branch	Validation phase	1200	0	CH	4827	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221018	1730	6302	5102	-1850	-1850	-650	Critical Branch	Validation phase	1200	0	CH	4827	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221018	1830	5558	5483	-2127	-2127	-2052	Critical Branch	Validation phase	75	0	CH	5208	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221018	1930	5558	5483	-2127	-2127	-2052	Critical Branch	Validation phase	75	0	CH	5208	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO
20221018	2030	5558	5483	-2127	-2127	-2052	Critical Branch	Validation phase	75	0	CH	5208	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGO-MUSIGNANO
20221018	2130	6198	5439	-1740	-1740	-981	Critical Branch	Validation phase	759	0	CH	5164	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221018	2230	6198	5439	-1740	-1740	-981	Critical Branch	Validation phase	759	0	CH	5164	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221018	2330	6198	5439	-1683	-1683	-924	Critical Branch	Validation phase	759	0	CH	5169	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221021	1530	7817	7375	-2265	-2265	-1823	Critical Branch	Validation phase	442	0	IT	7100	N-2 ABV-RON 1&2 on SOA-SILS(107%)
20221021	1630	7817	7375	-2265	-2265	-1823	Critical Branch	Validation phase	442	0	IT	7100	N-2 ABV-RON 1&2 on SOA-SILS(107%)
20221021	1730	7817	7375	-2265	-2265	-1823	Critical Branch	Validation phase	442	0	IT	7100	N-2 ABV-RON 1&2 on SOA-SILS(107%)
20221021	2130	7705	7505	-2646	-2646	-2446	Critical Branch	Validation phase	200	0	IT	7230	N-2 ABV-RON1&2 on SOA-SILS(102.5%)
20221021	2230	7705	7505	-2646	-2646	-2446	Critical Branch	Validation phase	200	0	IT	7230	N-2 ABV-RON1&2 on SOA-SILS(102.5%)
20221022	0030	6984	6712	-1942	-1942	-1670	Critical Branch	Validation phase	272	0	CH	6442	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	0130	6984	6712	-1942	-1942	-1670	Critical Branch	Validation phase	272	0	CH	6442	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	0230	6984	6712	-1942	-1942	-1670	Critical Branch	Validation phase	272	0	CH	6442	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	0330	7142	7051	-2380	-2380	-2289	Critical Branch	Validation phase	91	0	CH	6781	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221022	0430	7142	7051	-2380	-2380	-2289	Critical Branch	Validation phase	91	0	CH	6781	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	0530	7142	7051	-2380	-2380	-2289	Critical Branch	Validation phase	91	0	CH	6781	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	0630	7142	7051	-2380	-2380	-2289	Critical Branch	Validation phase	91	0	CH	6781	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	0730	7641	7412	-3954	-3954	-3725	Critical Branch	Validation phase	229	0	CH	7137	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	0830	7641	7412	-3954	-3954	-3725	Critical Branch	Validation phase	229	0	CH	7137	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	0930	7708	7275	-3566	-3566	-3133	Critical Branch	Validation phase	433	0	IT	7000	ABV-RON1 on ABV-RON2 (103.5%)
20221022	1030	7708	7275	-3566	-3566	-3133	Critical Branch	Validation phase	433	0	IT	7000	ABV-RON1 on ABV-RON2 (103.5%)
20221022	1130	7708	7275	-3566	-3566	-3133	Critical Branch	Validation phase	433	0	IT	7000	ABV-RON1 on ABV-RON2 (103.5%)
20221022	1230	7623	7295	-1961	-1961	-1633	Critical Branch	Validation phase	328	0	CH	7020	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	1330	7623	7295	-1961	-1961	-1633	Critical Branch	Validation phase	328	0	CH	7020	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	1430	7623	7295	-1961	-1961	-1633	Critical Branch	Validation phase	328	0	CH	7020	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	1530	8067	6928	-2792	-2792	-1653	Critical Branch	Validation phase	1139	0	CH	6653	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221022	1630	8067	6928	-2792	-2792	-1653	Critical Branch	Validation phase	1139	0	CH	6653	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	1730	8067	6928	-2792	-2792	-1653	Critical Branch	Validation phase	1139	0	CH	6653	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	1830	7374	6738	-2749	-2749	-2113	Critical Branch	Validation phase	636	0	CH	6463	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	1930	7374	6738	-2749	-2749	-2113	Critical Branch	Validation phase	636	0	CH	6463	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	2030	7374	6738	-2749	-2749	-2113	Critical Branch	Validation phase	636	0	CH	6463	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221022	2130	6842	6369	-1961	-1961	-1488	Critical Branch	Validation phase	473	0	CH	6094	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221022	2230	6842	6369	-1961	-1961	-1488	Critical Branch	Validation phase	473	0	CH	6094	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221023	0030	6327	5965	-2441	-2441	-2079	Critical Branch	Validation phase	362	0	CH	5695	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221023	0130	6327	5965	-2441	-2441	-2079	Critical Branch	Validation phase	362	0	CH	5695	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221023	0230	6327	5965	-2441	-2441	-2079	Critical Branch	Validation phase	362	0	CH	5695	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221023	0330	6526	5965	-2147	-2147	-1586	Critical Branch	Validation phase	561	0	CH	5695	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221023	0430	6526	5965	-2147	-2147	-1586	Critical Branch	Validation phase	561	0	CH	5695	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221023	0530	6526	5965	-2147	-2147	-1586	Critical Branch	Validation phase	561	0	CH	5695	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN
20221023	0630	6526	5965	-2147	-2147	-1586	Critical Branch	Validation phase	561	0	CH	5695	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGO-METTLEN

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221023	0730	6627	6386	-2399	-2399	-2158	Critical Branch	Validation phase	241	0	CH	6116	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221023	0830	6627	6386	-2399	-2399	-2158	Critical Branch	Validation phase	241	0	CH	6116	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221023	0930	6736	6412	-2070	-2070	-1746	Critical Branch	Validation phase	324	0	CH	6142	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221023	1030	6736	6412	-2070	-2070	-1746	Critical Branch	Validation phase	324	0	CH	6142	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221023	1130	6736	6412	-2070	-2070	-1746	Critical Branch	Validation phase	324	0	CH	6142	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221023	1230	7197	6518	-2189	-2189	-1510	Critical Branch	Validation phase	679	0	CH	6248	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221023	1330	7197	6518	-2189	-2189	-1510	Critical Branch	Validation phase	679	0	CH	6248	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221023	1430	7197	6518	-2189	-2189	-1510	Critical Branch	Validation phase	679	0	CH	6248	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221023	1530	7430	6881	-3117	-3117	-2568	Critical Branch	Validation phase	549	0	CH	6611	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221023	1630	7430	6881	-3117	-3117	-2568	Critical Branch	Validation phase	549	0	CH	6611	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221023	1730	7430	6881	-3117	-3117	-2568	Critical Branch	Validation phase	549	0	CH	6611	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221023	1830	7719	6593	-1791	-1791	-665	Critical Branch	Validation phase	1126	0	CH	6323	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGIO-MUSIGNANO
20221023	1930	7719	6593	-1791	-1791	-665	Critical Branch	Validation phase	1126	0	CH	6323	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGIO-MUSIGNANO
20221023	2030	7719	6593	-1791	-1791	-665	Critical Branch	Validation phase	1126	0	CH	6323	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGIO-MUSIGNANO
20221023	2130	7736	6041	-3502	-3502	-1807	Critical Branch	Validation phase	1695	0	CH	5771	Expected overloading on the following CNEC: CNE: 380kV Lavorgio - Musignano , C: N-1 SOAZZA-BULCIAGO
20221023	2230	7736	6041	-3502	-3502	-1807	Critical Branch	Validation phase	1695	0	CH	5771	Expected overloading on the following CNEC: CNE: 380kV Lavorgio - Musignano , C: N-1 SOAZZA-BULCIAGO
20221023	2330	7736	6041	-3502	-3502	-1807	Critical Branch	Validation phase	1695	0	CH	5771	Expected overloading on the following CNEC: CNE: 380kV Lavorgio - Musignano , C: N-1 SOAZZA-BULCIAGO
20221024	1230	6778	6642	-3060	-3060	-2924	Critical Branch	Validation phase	136	0	CH	6367	Expected overloading on the following CNEC: CNE: 380kV Lavorgio - Musignano , C: N-2 ALBERTVILLE-RONDISONE
20221024	1330	6778	6642	-3060	-3060	-2924	Critical Branch	Validation phase	136	0	CH	6367	Expected overloading on the following CNEC: CNE: 380kV Lavorgio - Musignano , C: N-2 ALBERTVILLE-RONDISONE
20221024	1430	6778	6642	-3060	-3060	-2924	Critical Branch	Validation phase	136	0	CH	6367	Expected overloading on the following CNEC: CNE: 380kV Lavorgio - Musignano , C: N-2 ALBERTVILLE-RONDISONE
20221024	1530	6961	6693	-3501	-3501	-3233	Critical Branch	Validation phase	268	0	CH	6418	Expected overloading on the following CNEC: CNE: 380kV Lavorgio - Musignano , C: N-1 SOAZZA-BULCIAGO
20221024	1630	6961	6693	-3501	-3501	-3233	Critical Branch	Validation phase	268	0	CH	6418	Expected overloading on the following CNEC: CNE: 380kV Lavorgio - Musignano , C: N-1 SOAZZA-BULCIAGO

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221024	1730	6961	6693	-3501	-3501	-3233	Critical Branch	Validation phase	268	0	CH	6418	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221024	1830	6936	6650	-2546	-2546	-2260	Critical Branch	Validation phase	286	0	CH	6375	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221024	1930	6936	6650	-2546	-2546	-2260	Critical Branch	Validation phase	286	0	CH	6375	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221024	2030	6936	6650	-2546	-2546	-2260	Critical Branch	Validation phase	286	0	CH	6375	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221024	2130	7017	6490	-3433	-3433	-2906	Critical Branch	Validation phase	527	0	CH	6215	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221024	2230	7017	6490	-3433	-3433	-2906	Critical Branch	Validation phase	527	0	CH	6215	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221024	2330	6242	5715	-2619	-2619	-2092	Critical Branch	Validation phase	527	0	CH	5445	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	0030	7056	5908	-2374	-2374	-1226	Critical Branch	Validation phase	1148	0	CH	5638	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	0130	7056	5908	-2374	-2374	-1226	Critical Branch	Validation phase	1148	0	CH	5638	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	0230	7056	5908	-2374	-2374	-1226	Critical Branch	Validation phase	1148	0	CH	5638	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	0330	6994	6017	-2480	-2480	-1503	Critical Branch	Validation phase	977	0	CH	5747	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221025	0430	6994	6017	-2480	-2480	-1503	Critical Branch	Validation phase	977	0	CH	5747	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	0530	6994	6017	-2480	-2480	-1503	Critical Branch	Validation phase	977	0	CH	5747	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	0630	6994	6017	-2480	-2480	-1503	Critical Branch	Validation phase	977	0	CH	5747	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	0730	7124	6278	-2275	-2275	-1429	Critical Branch	Validation phase	846	0	CH	6003	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	0830	7124	6278	-2275	-2275	-1429	Critical Branch	Validation phase	846	0	CH	6003	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	0930	6868	6524	-1854	-1854	-1510	Critical Branch	Validation phase	344	0	CH	6249	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	1030	6868	6524	-1854	-1854	-1510	Critical Branch	Validation phase	344	0	CH	6249	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	1130	6868	6524	-1854	-1854	-1510	Critical Branch	Validation phase	344	0	CH	6249	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	1230	7006	6681	-2211	-2211	-1886	Critical Branch	Validation phase	325	0	CH	6406	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	1330	7006	6681	-2211	-2211	-1886	Critical Branch	Validation phase	325	0	CH	6406	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	1430	7006	6681	-2211	-2211	-1886	Critical Branch	Validation phase	325	0	CH	6406	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221029	0030	7541	5810	-2284	-2284	-556	Critical Branch	Validation phase	1731	0	CH	5540	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	0130	7541	5810	-2284	-2284	-556	Critical Branch	Validation phase	1731	0	CH	5540	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	0230	7541	5810	-2284	-2284	-556	Critical Branch	Validation phase	1731	0	CH	5540	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	0330	7487	6221	-1845	-1845	-581	Critical Branch	Validation phase	1266	0	CH	5951	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	0430	7487	6221	-1845	-1845	-581	Critical Branch	Validation phase	1266	0	CH	5951	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	0530	7487	6221	-1845	-1845	-581	Critical Branch	Validation phase	1266	0	CH	5951	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	0630	7487	6221	-1845	-1845	-581	Critical Branch	Validation phase	1266	0	CH	5951	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	0730	7578	6406	-1946	-1946	-778	Critical Branch	Validation phase	1172	0	CH	6131	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	0830	7578	6406	-1946	-1946	-778	Critical Branch	Validation phase	1172	0	CH	6131	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	0930	7526	6042	-1552	-1552	-73	Critical Branch	Validation phase	1484	0	CH	5767	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	1030	7526	6042	-1552	-1552	-73	Critical Branch	Validation phase	1484	0	CH	5767	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221029	1130	7526	6042	-1552	-1552	-73	Critical Branch	Validation phase	1484	0	CH	5767	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	1230	7527	6329	-1624	-1624	-431	Critical Branch	Validation phase	1198	0	CH	6054	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	1330	7527	6329	-1624	-1624	-431	Critical Branch	Validation phase	1198	0	CH	6054	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	1430	7527	6329	-1624	-1624	-431	Critical Branch	Validation phase	1198	0	CH	6054	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	1530	6777	6091	-3590	-3590	-2912	Critical Branch	Validation phase	686	0	CH	5816	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	1630	6777	6091	-3590	-3590	-2912	Critical Branch	Validation phase	686	0	CH	5816	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	1730	6872	6091	-3684	-3684	-2903	Critical Branch	Validation phase	781	0	CH	5816	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	1830	8178	5941	-2730	-2730	-493	Critical Branch	Validation phase	2237	0	CH	5666	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	1930	8178	5941	-2730	-2730	-493	Critical Branch	Validation phase	2237	0	CH	5666	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	2030	8178	5941	-2730	-2730	-493	Critical Branch	Validation phase	2237	0	CH	5666	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	2130	8015	5841	-2439	-2439	-265	Critical Branch	Validation phase	2174	0	CH	5566	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221029	2230	8015	5841	-2439	-2439	-265	Critical Branch	Validation phase	2174	0	CH	5566	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO

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

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221026	0930	6685	5764	-2533	-2533	-1612	Critical Branch	Validation phase	921	0	AT	0	BILATERAL: Reduction because of disconnection of both lines
20221026	1030	6685	5764	-2533	-2533	-1612	Critical Branch	Validation phase	921	0	AT	0	BILATERAL: Reduction because of disconnection of both lines
20221026	1130	6685	5764	-2533	-2533	-1612	Critical Branch	Validation phase	921	0	AT	0	BILATERAL: Reduction because of disconnection of both lines
20221026	1230	6528	5797	-2212	-2212	-1481	Critical Branch	Validation phase	731	0	AT	0	BILATERAL: Reduction because of disconnection of both lines
20221026	1330	6528	5797	-2212	-2212	-1481	Critical Branch	Validation phase	731	0	AT	0	BILATERAL: Reduction because of disconnection of both lines
20221026	1430	6528	5797	-2212	-2212	-1481	Critical Branch	Validation phase	731	0	AT	0	BILATERAL: Reduction because of disconnection of both lines
20221026	1530	6821	5797	-1967	-1967	-946	Critical Branch	Validation phase	1024	0	AT	0	BILATERAL: Reduction because of disconnection of both lines
20221026	1630	6821	5797	-1967	-1967	-946	Critical Branch	Validation phase	1024	0	AT	0	BILATERAL: Reduction because of disconnection of both lines
20221026	1730	6856	5796	-2006	-2006	-948	Critical Branch	Validation phase	1060	0	AT	0	BILATERAL: Reduction because of disconnection of both lines
20221026	1830	7528	5796	-4442	-4442	-2717	Critical Branch	Validation phase	1732	0	AT	0	BILATERAL: Reduction because of disconnection of both lines

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221026	1930	7528	5796	-4442	-4442	-2717	Critical Branch	Validation phase	1732	0	AT	0	BILATERAL: Reduction because of disconnection of both lines
20221026	2030	7528	5796	-4442	-4442	-2717	Critical Branch	Validation phase	1732	0	AT	0	BILATERAL: Reduction because of disconnection of both lines
20221026	2130	7066	5822	-2200	-2200	-958	Critical Branch	Validation phase	1244	0	AT	0	BILATERAL: Reduction because of disconnection of both lines
20221026	2230	7066	5822	-2200	-2200	-958	Critical Branch	Validation phase	1244	0	AT	0	BILATERAL: Reduction because of disconnection of both lines
20221026	2330	6271	5021	-1367	-1367	-119	Critical Branch	Validation phase	1250	0	AT	0	BILATERAL: Reduction because of disconnection of both lines
20221028	0030	7147	5805	-3159	-3159	-1826	Critical Branch	Validation phase	1342	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	0130	7147	5805	-3159	-3159	-1826	Critical Branch	Validation phase	1342	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	0230	7147	5805	-3159	-3159	-1826	Critical Branch	Validation phase	1342	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	0330	7085	6221	-3175	-3175	-2320	Critical Branch	Validation phase	864	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	0430	7085	6221	-3175	-3175	-2320	Critical Branch	Validation phase	864	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	0530	7085	6221	-3175	-3175	-2320	Critical Branch	Validation phase	864	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	0630	7085	6221	-3175	-3175	-2320	Critical Branch	Validation phase	864	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	0730	6735	6400	-3384	-3384	-3057	Critical Branch	Validation phase	335	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	0830	6735	6400	-3384	-3384	-3057	Critical Branch	Validation phase	335	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	0930	6961	6031	-2162	-2162	-1235	Critical Branch	Validation phase	930	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	1030	6961	6031	-2162	-2162	-1235	Critical Branch	Validation phase	930	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	1130	6961	6031	-2162	-2162	-1235	Critical Branch	Validation phase	930	0	AT	0	BILATERAL: Disconnection of all border lines

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221028	1230	7297	6322	-3343	-3343	-2378	Critical Branch	Validation phase	975	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	1330	7297	6322	-3343	-3343	-2378	Critical Branch	Validation phase	975	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	1430	7297	6322	-3343	-3343	-2378	Critical Branch	Validation phase	975	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	1530	7038	6081	-3557	-3557	-2609	Critical Branch	Validation phase	957	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	1630	7038	6081	-3557	-3557	-2609	Critical Branch	Validation phase	957	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	1730	7038	6081	-3557	-3557	-2609	Critical Branch	Validation phase	957	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	1830	6802	5927	-3313	-3313	-2447	Critical Branch	Validation phase	875	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	1930	6802	5927	-3313	-3313	-2447	Critical Branch	Validation phase	875	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	2030	6802	5927	-3313	-3313	-2447	Critical Branch	Validation phase	875	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	2130	6685	5826	-2423	-2423	-1562	Critical Branch	Validation phase	859	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	2230	6685	5826	-2423	-2423	-1562	Critical Branch	Validation phase	859	0	AT	0	BILATERAL: Disconnection of all border lines
20221028	2330	5890	5030	-1585	-1585	-722	Critical Branch	Validation phase	860	0	AT	0	BILATERAL: Disconnection of all border lines

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

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221103	0030	7725	7455	-2637	-2637	-2367	Critical Branch	Validation phase	270	0	CH	7185	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221103	0130	7725	7455	-2637	-2637	-2367	Critical Branch	Validation phase	270	0	CH	7185	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221103	0230	7725	7455	-2637	-2637	-2367	Critical Branch	Validation phase	270	0	CH	7185	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221103	0330	8094	7583	-2271	-2271	-1760	Critical Branch	Validation phase	511	0	CH	7313	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-1 FILISUR-ROBBIA
20221103	0430	8094	7583	-2271	-2271	-1760	Critical Branch	Validation phase	511	0	CH	7313	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-1 FILISUR-ROBBIA
20221103	0530	8094	7583	-2271	-2271	-1760	Critical Branch	Validation phase	511	0	CH	7313	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-1 FILISUR-ROBBIA
20221103	0630	8094	7583	-2271	-2271	-1760	Critical Branch	Validation phase	511	0	CH	7313	Missing CNEC in CC: CNE: 220kV Ponte - Y/Acqua , C: N-1 FILISUR-ROBBIA
20221103	0730	8339	6989	-3281	-3281	-1931	Critical Branch	Validation phase	1350	0	CH	6714	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 ROBBIA-S.FIORANO
20221103	0830	8339	6989	-3281	-3281	-1931	Critical Branch	Validation phase	1350	0	CH	6714	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 ROBBIA-S.FIORANO
20221103	0930	8307	7179	-2396	-2396	-1268	Critical Branch	Validation phase	1128	0	CH	6904	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221103	1030	8307	7179	-2396	-2396	-1268	Critical Branch	Validation phase	1128	0	CH	6904	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221103	1130	8307	7179	-2396	-2396	-1268	Critical Branch	Validation phase	1128	0	CH	6904	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221103	1230	8249	7296	-2458	-2458	-1505	Critical Branch	Validation phase	953	0	CH	7021	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221103	1330	8249	7296	-2458	-2458	-1505	Critical Branch	Validation phase	953	0	CH	7021	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221103	1430	8249	7296	-2458	-2458	-1505	Critical Branch	Validation phase	953	0	CH	7021	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221103	1530	8485	7162	-2543	-2543	-1220	Critical Branch	Validation phase	1323	0	CH	6887	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221103	1630	8485	7162	-2543	-2543	-1220	Critical Branch	Validation phase	1323	0	CH	6887	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221103	1730	8885	7562	-3001	-3001	-1678	Critical Branch	Validation phase	1323	0	CH	7287	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221103	1830	8607	7210	-3833	-3833	-2436	Critical Branch	Validation phase	1397	0	CH	6935	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221103	1930	8607	7210	-3833	-3833	-2436	Critical Branch	Validation phase	1397	0	CH	6935	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221103	2030	8607	7210	-3833	-3833	-2436	Critical Branch	Validation phase	1397	0	CH	6935	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221103	2130	7980	7752	-3029	-3029	-2801	Critical Branch	Validation phase	228	0	CH	7477	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221103	2230	7945	7717	-2994	-2994	-2766	Critical Branch	Validation phase	228	0	CH	7442	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221103	2330	7145	6917	-2194	-2194	-1966	Critical Branch	Validation phase	228	0	CH	6647	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221104	0030	7156	6919	-2710	-2710	-2473	Critical Branch	Validation phase	237	0	CH	6649	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	0130	7156	6919	-2710	-2710	-2473	Critical Branch	Validation phase	237	0	CH	6649	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	0230	7156	6919	-2710	-2710	-2473	Critical Branch	Validation phase	237	0	CH	6649	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	0330	7315	6954	-3246	-3246	-2885	Critical Branch	Validation phase	361	0	CH	6684	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	0430	7315	6954	-3246	-3246	-2885	Critical Branch	Validation phase	361	0	CH	6684	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	0530	7315	6954	-3246	-3246	-2885	Critical Branch	Validation phase	361	0	CH	6684	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	0630	7315	6954	-3246	-3246	-2885	Critical Branch	Validation phase	361	0	CH	6684	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	0730	8225	7135	-2627	-2627	-1537	Critical Branch	Validation phase	1090	0	CH	6860	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	0830	8225	7135	-2627	-2627	-1537	Critical Branch	Validation phase	1090	0	CH	6860	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	0930	8193	7658	-2505	-2505	-1970	Critical Branch	Validation phase	535	0	CH	7383	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221104	1030	8193	7658	-2505	-2505	-1970	Critical Branch	Validation phase	535	0	CH	7383	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	1130	8193	7658	-2505	-2505	-1970	Critical Branch	Validation phase	535	0	CH	7383	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	1230	7748	7142	-2625	-2625	-2019	Critical Branch	Validation phase	606	0	CH	6867	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	1330	7748	7142	-2625	-2625	-2019	Critical Branch	Validation phase	606	0	CH	6867	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	1430	7748	7142	-2625	-2625	-2019	Critical Branch	Validation phase	606	0	CH	6867	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	1530	8079	7056	-2437	-2437	-1414	Critical Branch	Validation phase	1023	0	CH	6781	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	1630	8079	7056	-2437	-2437	-1414	Critical Branch	Validation phase	1023	0	CH	6781	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	1730	8079	7056	-2437	-2437	-1414	Critical Branch	Validation phase	1023	0	CH	6781	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221104	1830	7662	6896	-3281	-3281	-2515	Critical Branch	Validation phase	766	0	CH	6621	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221104	1930	7662	6896	-3281	-3281	-2515	Critical Branch	Validation phase	766	0	CH	6621	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221104	2030	7662	6896	-3281	-3281	-2515	Critical Branch	Validation phase	766	0	CH	6621	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221104	2130	7531	6624	-2622	-2622	-1715	Critical Branch	Validation phase	907	0	CH	6349	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221104	2230	7531	6624	-2622	-2622	-1715	Critical Branch	Validation phase	907	0	CH	6349	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221104	2330	6731	5824	-1788	-1788	-881	Critical Branch	Validation phase	907	0	CH	5554	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221105	0030	8347	7516	-3867	-3867	-3036	Critical Branch	Validation phase	831	0	CH	7246	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221105	0130	8347	7516	-3867	-3867	-3036	Critical Branch	Validation phase	831	0	CH	7246	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221105	0230	8347	7516	-3867	-3867	-3036	Critical Branch	Validation phase	831	0	CH	7246	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221105	0330	8691	7688	-3972	-3972	-2969	Critical Branch	Validation phase	1003	0	CH	7418	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221105	0430	8691	7688	-3972	-3972	-2969	Critical Branch	Validation phase	1003	0	CH	7418	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221105	0530	8691	7688	-3972	-3972	-2969	Critical Branch	Validation phase	1003	0	CH	7418	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221105	0630	8691	7688	-3972	-3972	-2969	Critical Branch	Validation phase	1003	0	CH	7418	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221105	0730	8715	7708	-3178	-3178	-2171	Critical Branch	Validation phase	1007	0	CH	7433	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221105	0830	8715	7708	-3178	-3178	-2171	Critical Branch	Validation phase	1007	0	CH	7433	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221105	0930	7837	7515	-3814	-3814	-3492	Critical Branch	Validation phase	322	0	CH	7240	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221105	1030	7837	7515	-3814	-3814	-3492	Critical Branch	Validation phase	322	0	CH	7240	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221105	1130	7837	7515	-3814	-3814	-3492	Critical Branch	Validation phase	322	0	CH	7240	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221105	1230	8203	7515	-2460	-2460	-1772	Critical Branch	Validation phase	688	0	CH	7240	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221105	1330	8203	7515	-2460	-2460	-1772	Critical Branch	Validation phase	688	0	CH	7240	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221105	1430	8203	7515	-2460	-2460	-1772	Critical Branch	Validation phase	688	0	CH	7240	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221105	1530	7577	7490	-4073	-4073	-3986	Critical Branch	Validation phase	87	0	CH	7215	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221105	1630	7577	7490	-4073	-4073	-3986	Critical Branch	Validation phase	87	0	CH	7215	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221105	1730	7807	7490	-4280	-4280	-3963	Critical Branch	Validation phase	317	0	CH	7215	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221105	1830	8602	7282	-4237	-4237	-2917	Critical Branch	Validation phase	1320	0	CH	7007	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221105	1930	8602	7282	-4237	-4237	-2917	Critical Branch	Validation phase	1320	0	CH	7007	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221105	2030	8602	7282	-4237	-4237	-2917	Critical Branch	Validation phase	1320	0	CH	7007	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221105	2130	7846	7072	-3026	-3026	-2252	Critical Branch	Validation phase	774	0	CH	6797	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221105	2230	7846	7072	-3026	-3026	-2252	Critical Branch	Validation phase	774	0	CH	6797	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221105	2330	7031	7021	-2187	-2187	-2177	Critical Branch	Validation phase	10	0	CH	6751	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20221106	0030	7509	6968	-2066	-2066	-1525	Critical Branch	Validation phase	541	0	CH	6698	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 LAVORGOMUSIGNANO
20221106	0130	7509	6968	-2066	-2066	-1525	Critical Branch	Validation phase	541	0	CH	6698	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 LAVORGOMUSIGNANO
20221106	0230	7509	6968	-2066	-2066	-1525	Critical Branch	Validation phase	541	0	CH	6698	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 LAVORGOMUSIGNANO
20221106	0330	7374	7145	-1308	-1308	-1079	Critical Branch	Validation phase	229	0	CH	6875	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILSSOAZZA
20221106	0430	7374	7145	-1308	-1308	-1079	Critical Branch	Validation phase	229	0	CH	6875	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILSSOAZZA
20221106	0530	7374	7145	-1308	-1308	-1079	Critical Branch	Validation phase	229	0	CH	6875	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILSSOAZZA

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221106	0630	7374	7145	-1308	-1308	-1079	Critical Branch	Validation phase	229	0	CH	6875	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221106	0930	7410	6968	-2439	-2439	-1997	Critical Branch	Validation phase	442	0	CH	6698	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221106	1030	7410	6968	-2439	-2439	-1997	Critical Branch	Validation phase	442	0	CH	6698	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221106	1130	7410	6968	-2439	-2439	-1997	Critical Branch	Validation phase	442	0	CH	6698	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221106	1230	7357	6908	-2224	-2224	-1775	Critical Branch	Validation phase	449	0	CH	6638	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221106	1330	7357	6908	-2224	-2224	-1775	Critical Branch	Validation phase	449	0	CH	6638	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221106	1430	7357	6908	-2224	-2224	-1775	Critical Branch	Validation phase	449	0	CH	6638	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221106	1530	7594	7586	-2850	-2850	-2842	Critical Branch	Validation phase	8	0	CH	7316	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221106	1630	7594	7586	-2850	-2850	-2842	Critical Branch	Validation phase	8	0	CH	7316	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221106	1730	7594	7586	-2850	-2850	-2842	Critical Branch	Validation phase	8	0	CH	7316	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221106	1830	6746	6684	-3407	-3407	-3345	Critical Branch	Validation phase	62	0	CH	6414	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221106	1930	6746	6684	-3407	-3407	-3345	Critical Branch	Validation phase	62	0	CH	6414	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221106	2030	6746	6684	-3407	-3407	-3345	Critical Branch	Validation phase	62	0	CH	6414	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221106	2130	7645	7583	-3495	-3495	-3433	Critical Branch	Validation phase	62	0	CH	7313	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221106	2230	7645	7583	-3495	-3495	-3433	Critical Branch	Validation phase	62	0	CH	7313	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221106	2330	7645	7583	-3495	-3495	-3433	Critical Branch	Validation phase	62	0	CH	7313	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221109	0030	8557	8352	-3689	-3689	-3484	Critical Branch	Validation phase	205	0	CH	8082	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221109	0130	8557	8352	-3689	-3689	-3484	Critical Branch	Validation phase	205	0	CH	8082	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221109	0230	8557	8352	-3689	-3689	-3484	Critical Branch	Validation phase	205	0	CH	8082	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221109	0330	8458	8230	-3017	-3017	-2789	Critical Branch	Validation phase	228	0	CH	7960	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221109	0430	8458	8230	-3017	-3017	-2789	Critical Branch	Validation phase	228	0	CH	7960	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221109	0530	8458	8230	-3017	-3017	-2789	Critical Branch	Validation phase	228	0	CH	7960	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221109	0630	8458	8230	-3017	-3017	-2789	Critical Branch	Validation phase	228	0	CH	7960	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221109	0730	8584	8506	-3130	-3130	-3052	Critical Branch	Validation phase	78	0	CH	8231	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-2 ALBERTVILLE- RONDISSONE
20221109	0830	8619	8541	-3168	-3168	-3090	Critical Branch	Validation phase	78	0	CH	8266	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-2 ALBERTVILLE- RONDISSONE
20221109	0930	8193	8020	-3239	-3239	-3066	Critical Branch	Validation phase	173	0	CH	7745	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221109	1030	8193	8020	-3239	-3239	-3066	Critical Branch	Validation phase	173	0	CH	7745	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221109	1130	8193	8020	-3239	-3239	-3066	Critical Branch	Validation phase	173	0	CH	7745	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221109	1230	8121	7969	-2934	-2934	-2782	Critical Branch	Validation phase	152	0	CH	7694	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221109	1330	8121	7969	-2934	-2934	-2782	Critical Branch	Validation phase	152	0	CH	7694	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221109	1430	8121	7969	-2934	-2934	-2782	Critical Branch	Validation phase	152	0	CH	7694	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221109	1530	9059	8526	-3205	-3205	-2672	Critical Branch	Validation phase	533	0	CH	8251	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA
20221109	1630	9024	8491	-3166	-3166	-2633	Critical Branch	Validation phase	533	0	CH	8216	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS- SOAZZA

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221109	1730	9024	8491	-3166	-3166	-2633	Critical Branch	Validation phase	533	0	CH	8216	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221109	1830	8381	8220	-2574	-2574	-2413	Critical Branch	Validation phase	161	0	CH	7945	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 LAVORGOMUSIGNANO
20221109	1930	8381	8220	-2574	-2574	-2413	Critical Branch	Validation phase	161	0	CH	7945	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 LAVORGOMUSIGNANO
20221109	2030	8381	8220	-2574	-2574	-2413	Critical Branch	Validation phase	161	0	CH	7945	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 LAVORGOMUSIGNANO
20221109	2130	8775	7915	-4294	-4294	-3434	Critical Branch	Validation phase	860	0	IT	7640	MNII calculated by Coreso
20221109	2230	7915	7747	-3434	-3434	-3266	Critical Branch	Validation phase	168	0	CH	7472	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221109	2330	7135	6967	-2627	-2627	-2459	Critical Branch	Validation phase	168	0	CH	6697	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221111	2130	9875	9403	-3416	-3416	-2944	Critical Branch	Validation phase	472	0	IT	9128	CO value
20221113	1830	8519	8038	-2691	-2691	-2210	Critical Branch	Validation phase	481	0	CH	7768	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221113	1930	8519	8038	-2691	-2691	-2210	Critical Branch	Validation phase	481	0	CH	7768	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221113	2030	8519	8038	-2691	-2691	-2210	Critical Branch	Validation phase	481	0	CH	7768	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221113	2130	8705	8378	-2902	-2902	-2575	Critical Branch	Validation phase	327	0	CH	8108	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221113	2230	8705	8378	-2902	-2902	-2575	Critical Branch	Validation phase	327	0	CH	8108	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20221113	2330	8705	8378	-2902	-2902	-2575	Critical Branch	Validation phase	327	0	CH	8108	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20221114	0030	7562	7489	-2481	-2481	-2408	Critical Branch	Validation phase	73	0	CH	7219	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS- SOAZZA
20221114	0130	7562	7489	-2481	-2481	-2408	Critical Branch	Validation phase	73	0	CH	7219	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS- SOAZZA
20221114	0230	7562	7489	-2481	-2481	-2408	Critical Branch	Validation phase	73	0	CH	7219	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS- SOAZZA
20221114	0330	7495	7445	-2486	-2486	-2436	Critical Branch	Validation phase	50	0	CH	7175	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS- SOAZZA
20221114	0430	7495	7445	-2486	-2486	-2436	Critical Branch	Validation phase	50	0	CH	7175	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS- SOAZZA
20221114	0530	7495	7445	-2486	-2486	-2436	Critical Branch	Validation phase	50	0	CH	7175	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS- SOAZZA
20221114	0630	7495	7445	-2486	-2486	-2436	Critical Branch	Validation phase	50	0	CH	7175	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS- SOAZZA
20221114	1830	9326	8857	-2294	-2294	-1825	Critical Branch	Validation phase	469	0	CH	8582	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20221114	1930	9326	8857	-2294	-2294	-1825	Critical Branch	Validation phase	469	0	CH	8582	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221114	2030	9326	8857	-2294	-2294	-1825	Critical Branch	Validation phase	469	0	CH	8582	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221114	2130	9435	8937	-2003	-2003	-1505	Critical Branch	Validation phase	498	0	CH	8662	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221114	2230	9273	8775	-1841	-1841	-1343	Critical Branch	Validation phase	498	0	CH	8500	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221114	2330	8458	7960	-993	-993	-495	Critical Branch	Validation phase	498	0	CH	7690	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221115	0330	8217	8210	-3134	-3134	-3127	Critical Branch	Validation phase	7	0	CH	7940	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221115	0430	8217	8210	-3134	-3134	-3127	Critical Branch	Validation phase	7	0	CH	7940	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221115	0530	8217	8210	-3134	-3134	-3127	Critical Branch	Validation phase	7	0	CH	7940	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221115	0630	8217	8210	-3134	-3134	-3127	Critical Branch	Validation phase	7	0	CH	7940	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221115	1830	8724	8384	-2654	-2654	-2314	Critical Branch	Validation phase	340	0	CH	8109	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221115	1930	8724	8384	-2654	-2654	-2314	Critical Branch	Validation phase	340	0	CH	8109	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221115	2030	8724	8384	-2654	-2654	-2314	Critical Branch	Validation phase	340	0	CH	8109	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221115	2130	9435	9132	-3657	-3657	-3354	Critical Branch	Validation phase	303	0	CH	8857	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221115	2230	8661	8358	-2883	-2883	-2580	Critical Branch	Validation phase	303	0	CH	8083	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221115	2330	7846	7543	-2062	-2062	-1759	Critical Branch	Validation phase	303	0	CH	7273	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221116	0030	9197	9100	-3018	-3018	-2921	Critical Branch	Validation phase	97	0	CH	8830	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20221116	0130	9197	9100	-3018	-3018	-2921	Critical Branch	Validation phase	97	0	CH	8830	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20221116	0230	9197	9100	-3018	-3018	-2921	Critical Branch	Validation phase	97	0	CH	8830	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20221116	0330	9151	9100	-3030	-3030	-2979	Critical Branch	Validation phase	51	0	CH	8830	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20221116	0430	9151	9100	-3030	-3030	-2979	Critical Branch	Validation phase	51	0	CH	8830	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20221116	0530	9151	9100	-3030	-3030	-2979	Critical Branch	Validation phase	51	0	CH	8830	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20221116	0630	9151	9100	-3030	-3030	-2979	Critical Branch	Validation phase	51	0	CH	8830	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20221116	0730	9813	9100	-3520	-3520	-2807	Critical Branch	Validation phase	713	0	CH	8825	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221116	0830	9813	9100	-3520	-3520	-2807	Critical Branch	Validation phase	713	0	CH	8825	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221116	0930	9598	9100	-4926	-4926	-4428	Critical Branch	Validation phase	498	0	CH	8825	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221116	1030	9598	9100	-4926	-4926	-4428	Critical Branch	Validation phase	498	0	CH	8825	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221116	1130	9598	9100	-4926	-4926	-4428	Critical Branch	Validation phase	498	0	CH	8825	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221116	1230	9931	9100	-2256	-2256	-1425	Critical Branch	Validation phase	831	0	CH	8825	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221116	1330	9931	9100	-2256	-2256	-1425	Critical Branch	Validation phase	831	0	CH	8825	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221116	1430	9931	9100	-2256	-2256	-1425	Critical Branch	Validation phase	831	0	CH	8825	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221116	1530	9926	9100	-5787	-5787	-4961	Critical Branch	Validation phase	826	0	CH	8825	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221116	1630	9926	9100	-5787	-5787	-4961	Critical Branch	Validation phase	826	0	CH	8825	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221116	1730	9926	9100	-5787	-5787	-4961	Critical Branch	Validation phase	826	0	CH	8825	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221118	0030	9613	8945	-3480	-3480	-2812	Critical Branch	Validation phase	668	0	CH	8675	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221118	0130	9613	8945	-3480	-3480	-2812	Critical Branch	Validation phase	668	0	CH	8675	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221118	0230	9613	8945	-3480	-3480	-2812	Critical Branch	Validation phase	668	0	CH	8675	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221118	0330	9344	9017	-2894	-2894	-2567	Critical Branch	Validation phase	327	0	CH	8747	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221118	0430	9344	9017	-2894	-2894	-2567	Critical Branch	Validation phase	327	0	CH	8747	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221118	0530	9344	9017	-2894	-2894	-2567	Critical Branch	Validation phase	327	0	CH	8747	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221118	0630	9344	9017	-2894	-2894	-2567	Critical Branch	Validation phase	327	0	CH	8747	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221118	1530	9290	9022	-2873	-2873	-2605	Critical Branch	Validation phase	268	0	CH	8747	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221118	1630	9290	9022	-2873	-2873	-2605	Critical Branch	Validation phase	268	0	CH	8747	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221118	1730	9290	9022	-2873	-2873	-2605	Critical Branch	Validation phase	268	0	CH	8747	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221118	2130	10035	9101	-3889	-3889	-2955	Critical Branch	Validation phase	934	0	CH	8826	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221118	2230	9336	9101	-3190	-3190	-2955	Critical Branch	Validation phase	235	0	CH	8826	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221119	1530	9238	9168	-5018	-5018	-4948	Critical Branch	Validation phase	70	0	CH	8893	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221119	1630	9238	9168	-5018	-5018	-4948	Critical Branch	Validation phase	70	0	CH	8893	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221119	1730	9238	9168	-5018	-5018	-4948	Critical Branch	Validation phase	70	0	CH	8893	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221120	2130	8799	8763	-3214	-3214	-3178	Critical Branch	Validation phase	36	0	CH	8493	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221120	2230	8799	8763	-3214	-3214	-3178	Critical Branch	Validation phase	36	0	CH	8493	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221120	2330	8799	8763	-3214	-3214	-3178	Critical Branch	Validation phase	36	0	CH	8493	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221121	0030	9349	9206	-2914	-2914	-2771	Critical Branch	Validation phase	143	0	CH	8936	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221121	0130	9349	9206	-2914	-2914	-2771	Critical Branch	Validation phase	143	0	CH	8936	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221121	0230	9349	9206	-2914	-2914	-2771	Critical Branch	Validation phase	143	0	CH	8936	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221121	0330	9009	9001	-3632	-3632	-3624	Critical Branch	Validation phase	8	0	CH	8731	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221121	0430	9009	9001	-3632	-3632	-3624	Critical Branch	Validation phase	8	0	CH	8731	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221121	0530	9009	9001	-3632	-3632	-3624	Critical Branch	Validation phase	8	0	CH	8731	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221121	0630	9009	9001	-3632	-3632	-3624	Critical Branch	Validation phase	8	0	CH	8731	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221121	0730	8985	8669	-1899	-1899	-1583	Critical Branch	Validation phase	316	0	CH	8394	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221121	0830	9935	9619	-2849	-2849	-2533	Critical Branch	Validation phase	316	0	CH	9344	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221121	2130	9935	9728	-4085	-4085	-3878	Critical Branch	Validation phase	207	0	CH	9453	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221121	2230	8689	8482	-2839	-2839	-2632	Critical Branch	Validation phase	207	0	CH	8207	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221121	2330	7874	7667	-2021	-2021	-1814	Critical Branch	Validation phase	207	0	CH	7397	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221122	0830	9935	8685	-10795	-10795	-9545	TTC Selection - LTTC	Validation phase	1250	0	IT	8410	MNII-1250
20221122	1230	8816	8770	-6968	-6968	-6922	Critical Branch	Validation phase	46	0	CH	8495	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221122	1330	8816	8770	-6968	-6968	-6922	Critical Branch	Validation phase	46	0	CH	8495	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221122	1430	8816	8770	-6968	-6968	-6922	Critical Branch	Validation phase	46	0	CH	8495	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221122	1530	9606	9468	-2436	-2436	-2298	Critical Branch	Validation phase	138	0	CH	9193	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221122	1630	9606	9468	-2436	-2436	-2298	Critical Branch	Validation phase	138	0	CH	9193	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221122	1730	9606	9468	-2436	-2436	-2298	Critical Branch	Validation phase	138	0	CH	9193	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221123	0930	9379	9329	-1891	-1891	-1841	Critical Branch	Validation phase	50	0	CH	9054	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221123	1030	9379	9329	-1891	-1891	-1841	Critical Branch	Validation phase	50	0	CH	9054	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221123	1130	9379	9329	-1891	-1891	-1841	Critical Branch	Validation phase	50	0	CH	9054	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221123	1230	9734	9103	-4220	-4220	-3589	Critical Branch	Validation phase	631	0	CH	8828	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221123	1330	9734	9103	-4220	-4220	-3589	Critical Branch	Validation phase	631	0	CH	8828	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221123	1430	9734	9103	-4220	-4220	-3589	Critical Branch	Validation phase	631	0	CH	8828	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221123	1530	9433	9347	-1593	-1593	-1507	Critical Branch	Validation phase	86	0	CH	9072	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221123	1630	9433	9347	-1593	-1593	-1507	Critical Branch	Validation phase	86	0	CH	9072	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221123	1730	9433	9347	-1593	-1593	-1507	Critical Branch	Validation phase	86	0	CH	9072	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221123	2130	9335	8875	-3248	-3248	-2788	Critical Branch	Validation phase	460	0	IT	8600	CO value
20221123	2230	8875	8624	-2788	-2788	-2537	Critical Branch	Validation phase	251	0	CH	8349	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221123	2330	8060	7809	-1967	-1967	-1716	Critical Branch	Validation phase	251	0	CH	7539	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221124	0930	9167	8984	-2381	-2381	-2198	Critical Branch	Validation phase	183	0	CH	8709	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221124	1030	9167	8984	-2381	-2381	-2198	Critical Branch	Validation phase	183	0	CH	8709	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221124	1130	9167	8984	-2381	-2381	-2198	Critical Branch	Validation phase	183	0	CH	8709	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221124	1230	9049	8676	-2073	-2073	-1700	Critical Branch	Validation phase	373	0	CH	8401	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221124	1330	9049	8676	-2073	-2073	-1700	Critical Branch	Validation phase	373	0	CH	8401	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221124	1430	9049	8676	-2073	-2073	-1700	Critical Branch	Validation phase	373	0	CH	8401	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221124	1530	9496	9154	-2437	-2437	-2095	Critical Branch	Validation phase	342	0	CH	8879	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221124	1630	9496	9154	-2437	-2437	-2095	Critical Branch	Validation phase	342	0	CH	8879	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221124	1730	10176	9834	-3081	-3081	-2739	Critical Branch	Validation phase	342	0	CH	9559	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221124	1830	8685	8560	-2968	-2968	-2843	TTC Selection - LTTC	Validation phase	125	0	CH	8285	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221124	1930	8685	8560	-2968	-2968	-2843	TTC Selection - LTTC	Validation phase	125	0	CH	8285	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221124	2030	8685	8560	-2968	-2968	-2843	TTC Selection - LTTC	Validation phase	125	0	CH	8285	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221130	0930	8891	8831	-2881	-2881	-2821	Critical Branch	Validation phase	60	0	CH	8556	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221130	1030	8891	8831	-2881	-2881	-2821	Critical Branch	Validation phase	60	0	CH	8556	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221130	1130	8891	8831	-2881	-2881	-2821	Critical Branch	Validation phase	60	0	CH	8556	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

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

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221201	1230	9317	8970	-3279	-3279	-2932	Critical Branch	Validation phase	347	0	CH	8695	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221201	1330	9317	8970	-3279	-3279	-2932	Critical Branch	Validation phase	347	0	CH	8695	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221201	1430	9317	8970	-3279	-3279	-2932	Critical Branch	Validation phase	347	0	CH	8695	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221201	1530	9290	8953	-3423	-3423	-3086	Critical Branch	Validation phase	337	0	CH	8678	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221201	1630	9290	8953	-3423	-3423	-3086	Critical Branch	Validation phase	337	0	CH	8678	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221201	1730	10590	10253	-4576	-4576	-4239	Critical Branch	Validation phase	337	0	CH	9978	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221202	1230	9448	9430	-3273	-3273	-3255	Critical Branch	Validation phase	18	0	CH	9155	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221202	1330	9448	9430	-3273	-3273	-3255	Critical Branch	Validation phase	18	0	CH	9155	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221202	1430	9448	9430	-3273	-3273	-3255	Critical Branch	Validation phase	18	0	CH	9155	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221204	0030	8764	8676	-2627	-2627	-2539	Critical Branch	Validation phase	88	0	CH	8406	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221204	0130	8764	8676	-2627	-2627	-2539	Critical Branch	Validation phase	88	0	CH	8406	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221204	0230	8764	8676	-2627	-2627	-2539	Critical Branch	Validation phase	88	0	CH	8406	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221211	0930	8692	8300	-2259	-2259	-1867	Critical Branch	Validation phase	392	0	CH	8030	380 kV Lavorgo-Musignano N-2 Pradella-Robbia + Filisur-Robbia
20221211	1030	8692	8300	-2259	-2259	-1867	Critical Branch	Validation phase	392	0	CH	8030	380 kV Lavorgo-Musignano N-2 Pradella-Robbia + Filisur-Robbia
20221211	1130	8692	8300	-2259	-2259	-1867	Critical Branch	Validation phase	392	0	CH	8030	380 kV Lavorgo-Musignano N-2 Pradella-Robbia + Filisur-Robbia
20221211	1230	8824	8300	-2519	-2519	-1995	Critical Branch	Validation phase	524	0	CH	8030	380 kV Lavorgo-Musignano N-2 Pradella-Robbia + Filisur-Robbia
20221211	1330	8824	8300	-2519	-2519	-1995	Critical Branch	Validation phase	524	0	CH	8030	380 kV Lavorgo-Musignano N-2 Pradella-Robbia + Filisur-Robbia
20221211	1430	8824	8300	-2519	-2519	-1995	Critical Branch	Validation phase	524	0	CH	8030	380 kV Lavorgo-Musignano N-2 Pradella-Robbia + Filisur-Robbia
20221211	1530	8814	8300	-2841	-2841	-2327	Critical Branch	Validation phase	514	0	CH	8030	380 kV Lavorgo-Musignano N-2 Pradella-Robbia + Filisur-Robbia
20221211	1630	8814	8300	-2841	-2841	-2327	Critical Branch	Validation phase	514	0	CH	8030	380 kV Lavorgo-Musignano N-2 Pradella-Robbia + Filisur-Robbia
20221211	1730	8814	8300	-2841	-2841	-2327	Critical Branch	Validation phase	514	0	CH	8030	380 kV Lavorgo-Musignano N-2 Pradella-Robbia + Filisur-Robbia
20221211	1830	8803	8300	-2910	-2910	-2407	Critical Branch	Validation phase	503	0	CH	8030	380 kV Lavorgo-Musignano N-2 Pradella-Robbia + Filisur-Robbia
20221211	1930	8803	8300	-2910	-2910	-2407	Critical Branch	Validation phase	503	0	CH	8030	380 kV Lavorgo-Musignano N-2 Pradella-Robbia + Filisur-Robbia
20221211	2030	8803	8300	-2910	-2910	-2407	Critical Branch	Validation phase	503	0	CH	8030	380 kV Lavorgo-Musignano N-2 Pradella-Robbia + Filisur-Robbia
20221213	1730	8988	8688	-3359	-3359	-3059	Critical Branch	Validation phase	300	0	CH	8413	380 kV Bulciago-Soazza N-2 380 kV Gorlago- Robbia + Fiorano-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221216	0730	9196	8813	-3221	-3221	-2838	Critical Branch	Validation phase	383	0	CH	8538	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221216	0830	9196	8813	-3221	-3221	-2838	Critical Branch	Validation phase	383	0	CH	8538	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221216	1230	9024	8517	-2995	-2995	-2488	Critical Branch	Validation phase	507	0	CH	8242	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221216	1330	9024	8517	-2995	-2995	-2488	Critical Branch	Validation phase	507	0	CH	8242	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221216	1430	9024	8517	-2995	-2995	-2488	Critical Branch	Validation phase	507	0	CH	8242	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221216	1730	9757	9057	-2788	-2788	-2088	Critical Branch	Validation phase	700	0	CH	8782	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221216	2130	9524	9070	-1950	-1950	-1496	Critical Branch	Validation phase	454	0	CH	8795	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 PRADELLA-ROBBIA
20221216	2230	9524	9070	-1950	-1950	-1496	Critical Branch	Validation phase	454	0	CH	8795	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 PRADELLA-ROBBIA
20221216	2330	9524	9070	-1933	-1933	-1479	Critical Branch	Validation phase	454	0	CH	8800	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 PRADELLA-ROBBIA
20221225	1730	10274	9470	-2422	-2422	-1618	Critical Branch	Smoothing ramp	804	0	Smoothing		
20221226	0030	8846	5470	-5699	-5699	-2323	Critical Branch	Validation phase	3376	0	IT	5200	Allocation Constraints
20221226	0130	8846	5470	-5699	-5699	-2323	Critical Branch	Validation phase	3376	0	IT	5200	Allocation Constraints

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221226	0230	8846	5470	-5699	-5699	-2323	Critical Branch	Validation phase	3376	0	IT	5200	Allocation Constraints
20221226	0330	9403	4970	-5624	-5624	-1191	Critical Branch	Validation phase	4433	0	IT	4700	Allocation Constraints
20221226	0430	9403	4970	-5624	-5624	-1191	Critical Branch	Validation phase	4433	0	IT	4700	Allocation Constraints
20221226	0530	9403	4970	-5624	-5624	-1191	Critical Branch	Validation phase	4433	0	IT	4700	Allocation Constraints
20221226	0630	9403	4570	-5624	-5624	-791	Critical Branch	Validation phase	4833	0	IT	4300	Allocation Constraints
20221226	1730	8712	5475	-3438	-3438	-201	Critical Branch	Validation phase	3237	0	IT	5200	Allocation Constraints
20221226	1830	9678	5475	-5522	-5522	-1319	Critical Branch	Validation phase	4203	0	IT	5200	Allocation Constraints
20221226	1930	9678	5475	-5522	-5522	-1319	Critical Branch	Validation phase	4203	0	IT	5200	Allocation Constraints
20221226	2030	9678	5475	-5522	-5522	-1319	Critical Branch	Validation phase	4203	0	IT	5200	Allocation Constraints
20221226	2130	9075	5475	-5554	-5554	-1954	Critical Branch	Validation phase	3600	0	IT	5200	Allocation Constraints
20221226	2230	9075	5475	-5554	-5554	-1954	Critical Branch	Validation phase	3600	0	IT	5200	Allocation Constraints
20221226	2330	9075	5470	-5552	-5552	-1947	Critical Branch	Validation phase	3605	0	IT	5200	Allocation Constraints
20221227	1230	9070	5475	-3799	-3799	-204	Critical Branch	Validation phase	3595	0	IT	5200	Allocation Constraint
20221227	1330	9070	5475	-3799	-3799	-204	Critical Branch	Validation phase	3595	0	IT	5200	Allocation Constraint
20221227	1430	9070	5475	-3799	-3799	-204	Critical Branch	Validation phase	3595	0	IT	5200	Allocation Constraint
20221227	1530	9746	5475	-5491	-5491	-1220	Critical Branch	Validation phase	4271	0	IT	5200	Allocation Constraint
20221227	1630	9746	5475	-5491	-5491	-1220	Critical Branch	Validation phase	4271	0	IT	5200	Allocation Constraint

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221227	1730	9746	5475	-5491	-5491	-1220	Critical Branch	Validation phase	4271	0	IT	5200	Allocation Constraint
20221227	1830	10046	5875	-4841	-4841	-670	Critical Branch	Validation phase	4171	0	IT	5600	Allocation Constraint
20221227	1930	10046	5875	-4841	-4841	-670	Critical Branch	Validation phase	4171	0	IT	5600	Allocation Constraint
20221227	2030	10046	5875	-4841	-4841	-670	Critical Branch	Validation phase	4171	0	IT	5600	Allocation Constraint
20221227	2130	10165	5875	-4592	-4592	-301	Critical Branch	Validation phase	4290	0	IT	5600	Allocation Constraint
20221227	2230	10165	5875	-4592	-4592	-301	Critical Branch	Validation phase	4290	0	IT	5600	Allocation Constraint
20221227	2330	9350	5870	-3775	-3775	-295	Critical Branch	Validation phase	3480	0	IT	5600	Allocation Constraint
20221228	0030	8507	5870	-4143	-4143	-1506	Critical Branch	Validation phase	2637	0	IT	5600	Allocation Constraint
20221228	0130	8507	5870	-4143	-4143	-1506	Critical Branch	Validation phase	2637	0	IT	5600	Allocation Constraint
20221228	0230	8507	5670	-4143	-4143	-1306	Critical Branch	Validation phase	2837	0	IT	5400	Allocation Constraint
20221228	0330	8145	5570	-2783	-2783	-208	Critical Branch	Validation phase	2575	0	IT	5300	Allocation Constraint
20221228	0430	8145	5570	-2783	-2783	-208	Critical Branch	Validation phase	2575	0	IT	5300	Allocation Constraint
20221228	0530	8145	5870	-2783	-2783	-508	Critical Branch	Validation phase	2275	0	IT	5600	Allocation Constraint
20221228	0630	8145	5870	-2783	-2783	-508	Critical Branch	Validation phase	2275	0	IT	5600	Allocation Constraint
20221228	0730	8785	5875	-2977	-2977	-67	TTC Selection - LTTC	Validation phase	2910	0	IT	5600	Allocation Constraint
20221228	0830	8785	5875	-2977	-2977	-67	TTC Selection - LTTC	Validation phase	2910	0	IT	5600	Allocation Constraint

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221228	1830	8785	5875	-2930	-2930	-20	TTC Selection - LTTC	Validation phase	2910	0	IT	5600	Allocation Constraint
20221228	1930	8785	5875	-2930	-2930	-20	TTC Selection - LTTC	Validation phase	2910	0	IT	5600	Allocation Constraint
20221228	2030	8785	5875	-2930	-2930	-20	TTC Selection - LTTC	Validation phase	2910	0	IT	5600	Allocation Constraint
20221229	0030	9391	8523	-2993	-2993	-2125	Critical Branch	Validation phase	868	0	IT	8253	SWG request
20221229	0130	9391	8523	-2993	-2993	-2125	Critical Branch	Validation phase	868	0	IT	8253	SWG request
20221229	0230	9391	8523	-2993	-2993	-2125	Critical Branch	Validation phase	868	0	IT	8253	SWG request
20221229	0330	9220	8508	-3287	-3287	-2575	Critical Branch	Validation phase	712	0	IT	8238	SWG request
20221229	0430	9220	8508	-3287	-3287	-2575	Critical Branch	Validation phase	712	0	IT	8238	SWG request
20221229	0530	9220	8508	-3287	-3287	-2575	Critical Branch	Validation phase	712	0	IT	8238	SWG request
20221229	0630	9220	8508	-3287	-3287	-2575	Critical Branch	Validation phase	712	0	IT	8238	SWG request
20221229	0730	9897	9048	-3423	-3423	-2574	Critical Branch	Validation phase	849	0	IT	8773	SWG request
20221229	0830	9897	9048	-3423	-3423	-2574	Critical Branch	Validation phase	849	0	IT	8773	SWG request
20221229	0930	10386	8939	-5088	-5088	-3641	Critical Branch	Validation phase	1447	0	IT	8664	SWG request
20221229	1030	10386	8939	-5088	-5088	-3641	Critical Branch	Validation phase	1447	0	IT	8664	SWG request
20221229	1130	10386	8939	-5088	-5088	-3641	Critical Branch	Validation phase	1447	0	IT	8664	SWG request
20221229	1230	10076	8771	-5175	-5175	-3870	Critical Branch	Validation phase	1305	0	IT	8496	SWG request

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221229	1330	10076	8771	-5175	-5175	-3870	Critical Branch	Validation phase	1305	0	IT	8496	SWG request
20221229	1430	10076	8771	-5175	-5175	-3870	Critical Branch	Validation phase	1305	0	IT	8496	SWG request
20221229	1530	10230	9623	-5551	-5551	-4944	Critical Branch	Validation phase	607	0	IT	9348	SWG request
20221229	1630	10230	9623	-5551	-5551	-4944	Critical Branch	Validation phase	607	0	IT	9348	SWG request
20221229	1730	10230	9623	-5551	-5551	-4944	Critical Branch	Validation phase	607	0	IT	9348	SWG request
20221229	1830	10158	9091	-5366	-5366	-4299	Critical Branch	Validation phase	1067	0	IT	8816	SWG request
20221229	1930	10158	9091	-5366	-5366	-4299	Critical Branch	Validation phase	1067	0	IT	8816	SWG request
20221229	2030	10158	9091	-5366	-5366	-4299	Critical Branch	Validation phase	1067	0	IT	8816	SWG request
20221229	2130	9939	8692	-3485	-3485	-2238	Critical Branch	Validation phase	1247	0	IT	8417	SWG request
20221229	2230	9939	8692	-3485	-3485	-2238	Critical Branch	Validation phase	1247	0	IT	8417	SWG request
20221229	2330	9124	7872	-2642	-2642	-1390	Critical Branch	Validation phase	1252	0	IT	7602	SWG request
20221230	0030	9220	8240			-2844	Scheduled TTC	Critical Branch	980	0	IT	7970	Coreso Value
20221230	0130	9220	8240			-2844	Scheduled TTC	Critical Branch	980	0	IT	7970	Coreso Value
20221230	0230	9220	8240			-2844	Scheduled TTC	Critical Branch	980	0	IT	7970	Coreso Value
20221230	0330	9220	8070			-3117	Scheduled TTC	Selection - LTTC	1150	0	IT	7800	Coreso value
20221230	0430	9220	8070			-3117	Scheduled TTC	Selection - LTTC	1150	0	IT	7800	Coreso value

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221230	0530	9220	8070			-3117	Scheduled TTC	TTC Selection - LTTC	1150	0	IT	7800	Coreso value
20221230	0630	9220	8070			-3117	Scheduled TTC	TTC Selection - LTTC	1150	0	IT	7800	Coreso value
20221230	0730	10035	8785			-3443	Scheduled TTC	TTC Selection - LTTC	1250	0	IT	8510	Coreso Value
20221230	0830	10035	8785			-3443	Scheduled TTC	TTC Selection - LTTC	1250	0	IT	8510	Coreso Value
20221230	0930	10035	8785			-3372	Scheduled TTC	TTC Selection - LTTC	1250	0	IT	8510	Coreso Value
20221230	1030	10035	8785			-3372	Scheduled TTC	TTC Selection - LTTC	1250	0	IT	8510	Coreso Value
20221230	1130	10035	8785			-3372	Scheduled TTC	TTC Selection - LTTC	1250	0	IT	8510	Coreso Value
20221230	1230	10035	8785			-3393	Scheduled TTC	TTC Selection - LTTC	1250	0	IT	8510	Coreso Value
20221230	1330	10035	8785			-3393	Scheduled TTC	TTC Selection - LTTC	1250	0	IT	8510	Coreso Value
20221230	1430	10035	8785			-3393	Scheduled TTC	TTC Selection - LTTC	1250	0	IT	8510	Coreso Value
20221230	1530	10035	8881			-2723	Scheduled TTC	Critical Branch	1154	0	IT	8606	Coreso Value
20221230	1630	10035	8881			-2723	Scheduled TTC	Critical Branch	1154	0	IT	8606	Coreso Value

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221230	1730	10035	8881			-2723	Scheduled TTC	Critical Branch TTC	1154	0	IT	8606	Coreso Value
20221230	1830	10035	8785			-4002	Scheduled TTC	Selection - LTTC	1250	0	IT	8510	Coreso Value
20221230	1930	10035	8785			-4002	Scheduled TTC	Selection - LTTC	1250	0	IT	8510	Coreso Value
20221230	2030	10035	8785			-4002	Scheduled TTC	Selection - LTTC	1250	0	IT	8510	Coreso Value
20221230	2130	10035	8785			-3815	Scheduled TTC	Selection - LTTC	1250	0	IT	8510	Coreso Value
20221230	2230	10035	8785			-3815	Scheduled TTC	Selection - LTTC	1250	0	IT	8510	Coreso Value
20221230	2330	9220	7970			-2972	Scheduled TTC	Selection - LTTC	1250	0	IT	7700	Coreso Value

4.2.2. Reduction on TTC and on 70% requirement

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

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

Table 6: D2 TS with global TTC reduction and reduction compared to 70% during the validation process for October

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221008	1830	9031	7486	-1128	-1128	417	Critical Branch	Validation phase	1545	417	CH	7211	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221008	1930	9031	7486	-1128	-1128	417	Critical Branch	Validation phase	1545	417	CH	7211	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221008	2030	9031	7486	-1128	-1128	417	Critical Branch	Validation phase	1545	417	CH	7211	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221016	0730	6709	5201	-1275	-1275	233	Critical Branch	Validation phase	1508	233	CH	4931	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGIO-METTLEN
20221016	0830	6709	5201	-1275	-1275	233	Critical Branch	Validation phase	1508	233	CH	4931	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-1 LAVORGIO-METTLEN
20221029	2330	7215	5046	-1625	-1625	544	Critical Branch	Validation phase	2169	544	CH	4776	Expected overloading on the following CNEC: CNE: 380kV Lavorgio - Musignano , C: N-1 SOAZZA-BULCIAGO

Table 7: D2 TS with global TTC reduction and reduction compared to 70% during the validation process for December

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221226	0730	8976	4575	-2945	-2945	1456	Critical Branch	Validation phase	4401	1456	IT	4300	Allocation Constraints
20221226	0830	8976	4575	-2945	-2945	1456	Critical Branch	Validation phase	4401	1456	IT	4300	Allocation Constraints
20221226	0930	10238	4175	-2121	-2121	3942	Critical Branch	Validation phase	6063	3942	IT	3900	Allocation Constraints
20221226	1030	10238	4175	-2121	-2121	3942	Critical Branch	Validation phase	6063	3942	IT	3900	Allocation Constraints
20221226	1130	10238	4175	-2121	-2121	3942	Critical Branch	Validation phase	6063	3942	IT	3900	Allocation Constraints
20221226	1230	9619	3775	-4441	-4441	1403	Critical Branch	Validation phase	5844	1403	IT	3500	Allocation Constraints
20221226	1330	9619	3275	-4441	-4441	1903	Critical Branch	Validation phase	6344	1903	IT	3000	Allocation Constraints
20221226	1430	9619	3775	-4441	-4441	1403	Critical Branch	Validation phase	5844	1403	IT	3500	Allocation Constraints
20221226	1530	8712	4175	-3438	-3438	1099	Critical Branch	Validation phase	4537	1099	IT	3900	Allocation Constraints
20221226	1630	8712	4575	-3438	-3438	699	Critical Branch	Validation phase	4137	699	IT	4300	Allocation Constraints
20221227	0030	9636	4170	-3019	-3019	2447	Critical Branch	Validation phase	5466	2447	IT	3900	Allocation Constraint
20221227	0130	9636	4170	-3019	-3019	2447	Critical Branch	Validation phase	5466	2447	IT	3900	Allocation Constraint
20221227	0230	9636	4170	-3019	-3019	2447	Critical Branch	Validation phase	5466	2447	IT	3900	Allocation Constraint
20221227	0330	10092	4170	-2474	-2474	3448	Critical Branch	Validation phase	5922	3448	IT	3900	Allocation Constraint
20221227	0430	10092	4170	-2474	-2474	3448	Critical Branch	Validation phase	5922	3448	IT	3900	Allocation Constraint

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221227	0530	10092	4170	-2474	-2474	3448	Critical Branch	Validation phase	5922	3448	IT	3900	Allocation Constraint
20221227	0630	10092	4570	-2474	-2474	3048	Critical Branch	Validation phase	5522	3048	IT	4300	Allocation Constraint
20221227	0730	10298	4975	-1672	-1672	3651	Critical Branch	Validation phase	5323	3651	IT	4700	Allocation Constraint
20221227	0830	10298	4975	-1672	-1672	3651	Critical Branch	Validation phase	5323	3651	IT	4700	Allocation Constraint
20221227	0930	9542	4975	-4412	-4412	155	Critical Branch	Validation phase	4567	155	IT	4700	Allocation Constraint
20221227	1030	9542	4975	-4412	-4412	155	Critical Branch	Validation phase	4567	155	IT	4700	Allocation Constraint
20221227	1130	9542	4975	-4412	-4412	155	Critical Branch	Validation phase	4567	155	IT	4700	Allocation Constraint
20221228	0930	8870	5875	-2420	-2420	575	Critical Branch	Validation phase	2995	575	IT	5600	Allocation Constraint
20221228	1030	8870	5875	-2420	-2420	575	Critical Branch	Validation phase	2995	575	IT	5600	Allocation Constraint
20221228	1130	8870	5875	-2420	-2420	575	Critical Branch	Validation phase	2995	575	IT	5600	Allocation Constraint
20221228	1230	9432	5875	-2266	-2266	1291	Critical Branch	Validation phase	3557	1291	IT	5600	Allocation Constraint
20221228	1330	9432	5875	-2266	-2266	1291	Critical Branch	Validation phase	3557	1291	IT	5600	Allocation Constraint
20221228	1430	9432	5875	-2266	-2266	1291	Critical Branch	Validation phase	3557	1291	IT	5600	Allocation Constraint
20221228	1530	10219	5875	-2043	-2043	2301	Critical Branch	Validation phase	4344	2301	IT	5600	Allocation Constraint
20221228	1630	10219	5875	-2043	-2043	2301	Critical Branch	Validation phase	4344	2301	IT	5600	Allocation Constraint
20221228	1730	10219	5875	-2043	-2043	2301	Critical Branch	Validation phase	4344	2301	IT	5600	Allocation Constraint
20221228	2130	9470	5875	-3325	-3325	270	Critical Branch	Validation phase	3595	270	IT	5600	Allocation Constraint

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221228	2230	9470	5875	-3325	-3325	270	Critical Branch	Validation phase	3595	270	IT	5600	Allocation Constraint
20221228	2330	8655	5870	-2484	-2484	301	Critical Branch	Validation phase	2785	301	IT	5600	Allocation Constraint

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. 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

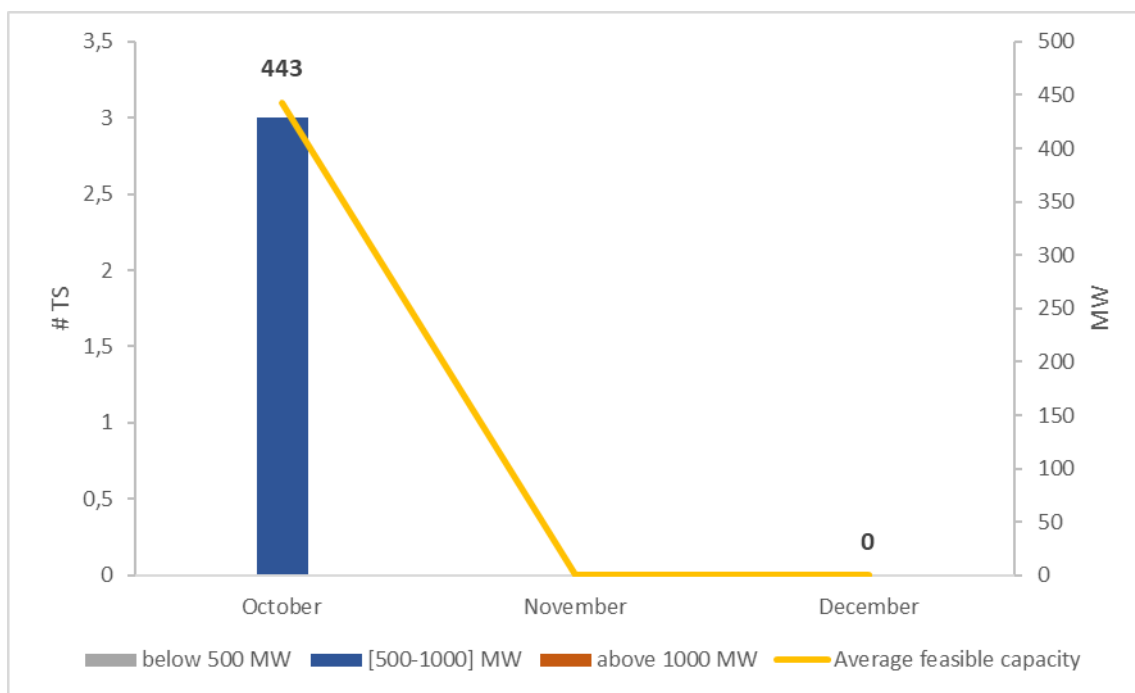
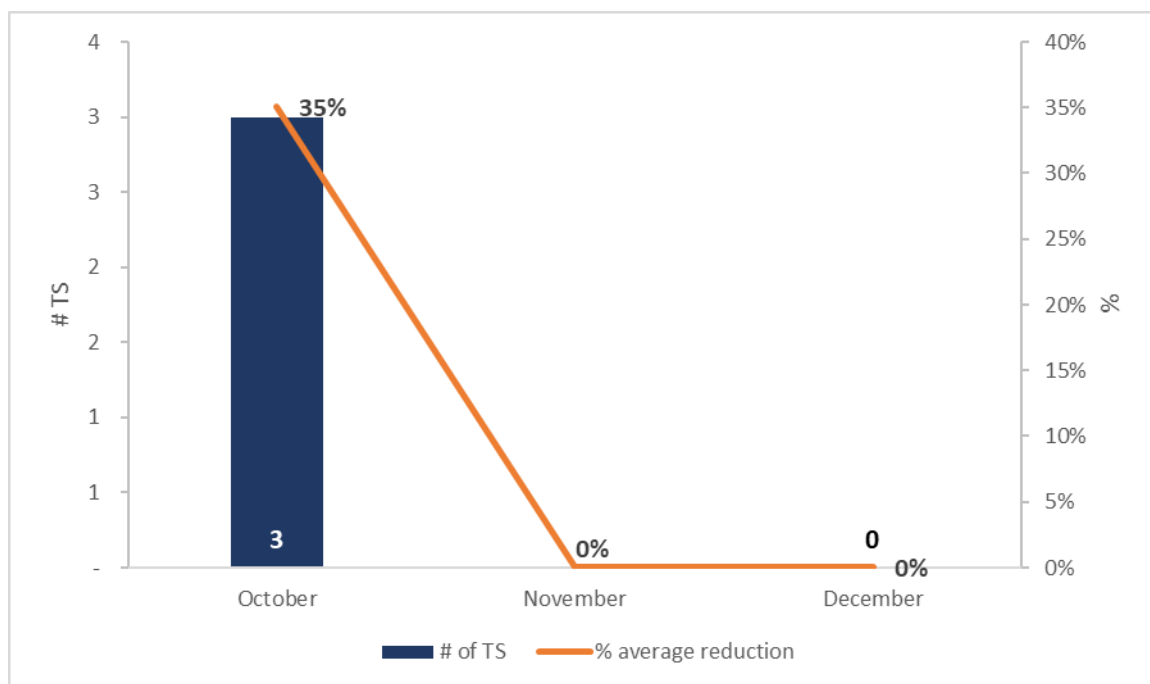


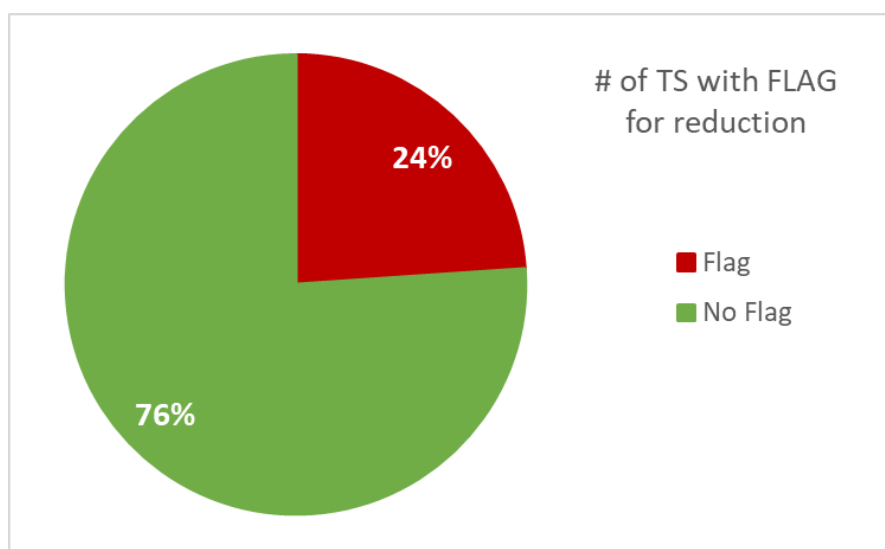
Figure 5: D2 # TS with reduction per month vs the average % of reduction on that month



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

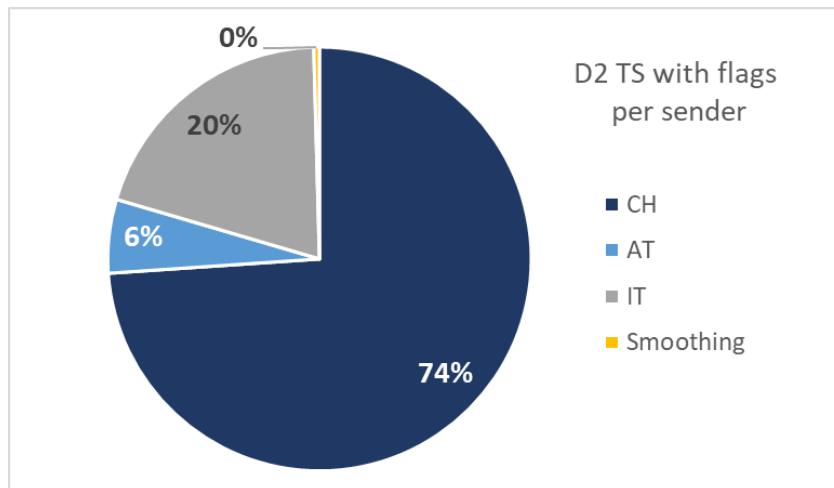


In D2, the validation process during Q4 was limited by four types of flag's provider:

- Flags sent by Swissgrid
- Flags sent by APG
- Flags sent by TERNÄ
- 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.

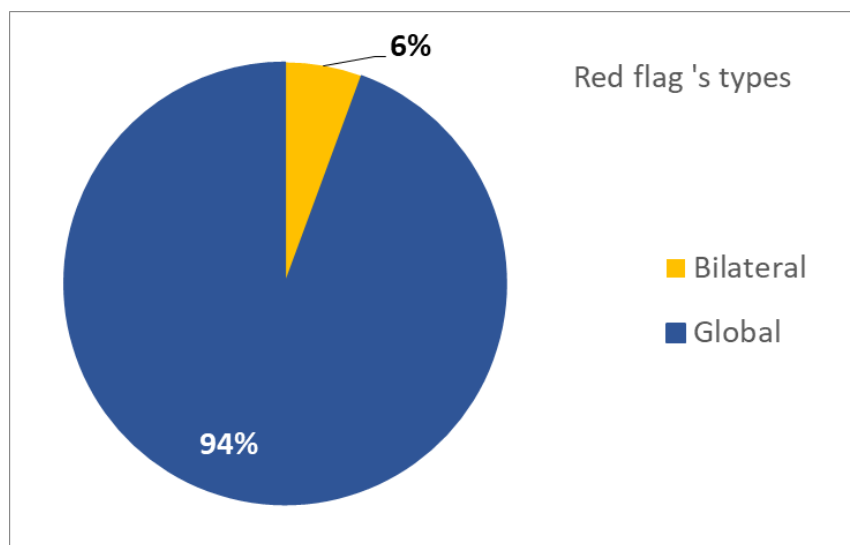
The following picture presents the share of each type of flag during the quarter. It can be seen that the TSO with the highest share of reduction is Swissgrid.

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
- Allocation constraint
- Other

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

Figure 9: D2 type of flags sent by Swissgrid

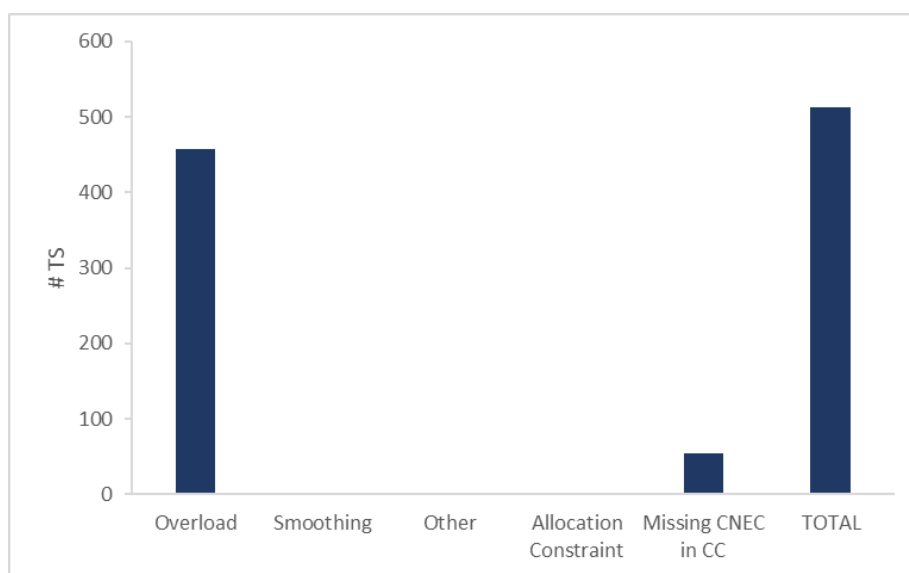


Figure 10: D2 type of flags sent by APG

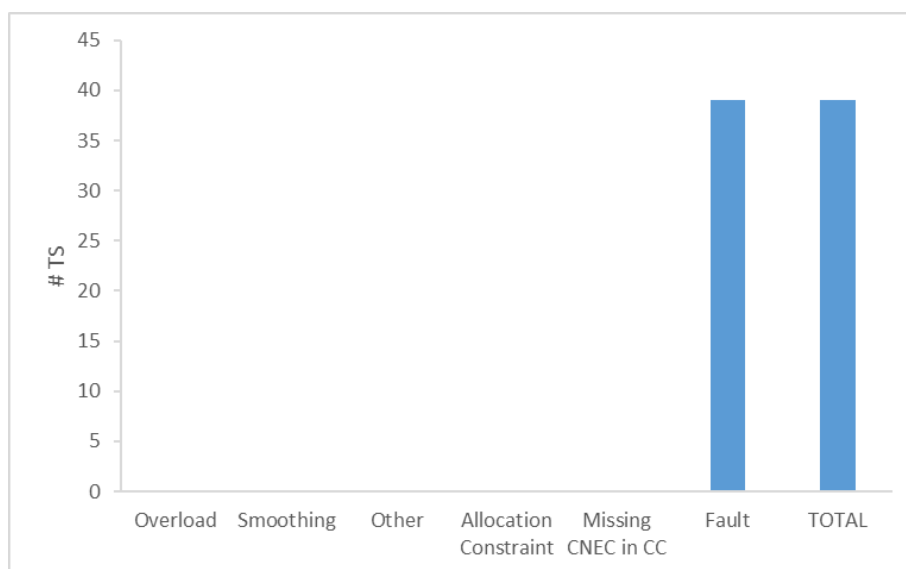
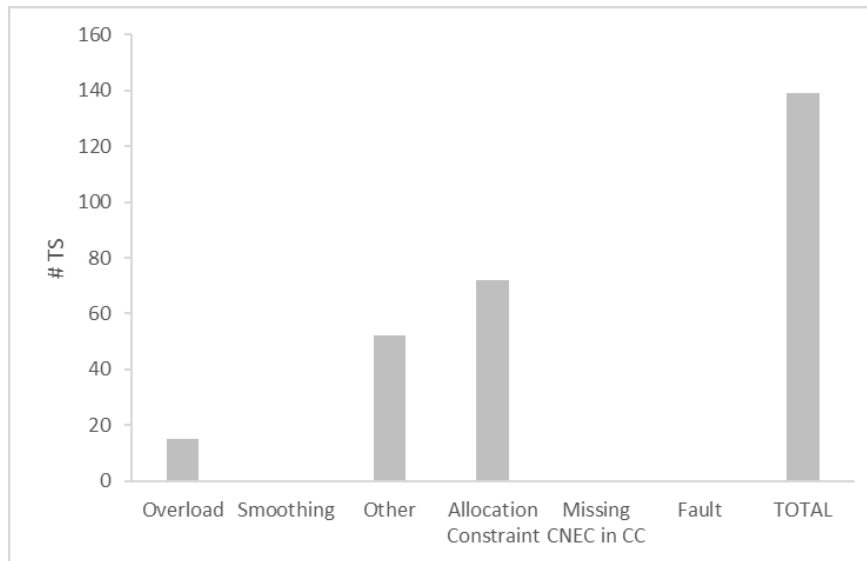


Figure 11: D2 type of flags sent by TERN



Finally, the Overload reasons have been analysed and the following lines and outages are the ones that have been limiting the capacity during the Q4.

Table 8: D2 list of Critical Branches reported on FLAGS

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

Table 9: D2 list of Critical Outages reported on FLAGS

CO name
N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
N-2 ALBERTVILLE-RONDISSONE
N-2 Robbia-Gorlago + Robbia-S.Fiorano
N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
N-1 VALPELLINE-RIDDES
N-1 LAVORGIO-MUSIGNANO
N-1 SOAZZA-BULCIAGO
380KV SILS-SOAZZA
N-1 ROBBIA-S.FIORANO
N-1 AVISE-RIDDES
N-2 Pradella-Robbia + Filisur-Robbia
N-1 PRADELLA-ROBBIA

4.5 Recommendations

Not applicable for Italy North region

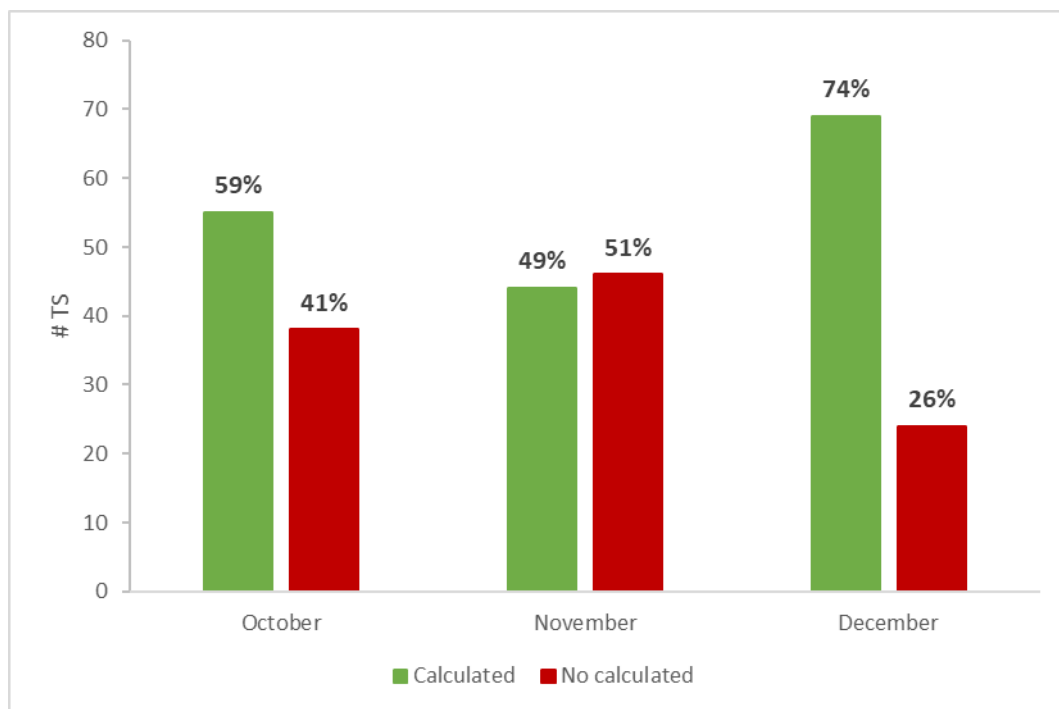
5. ID information

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 Q4 the TTC calculation process. Please note that only on these calculated TSs, the adjustment process could be performed.

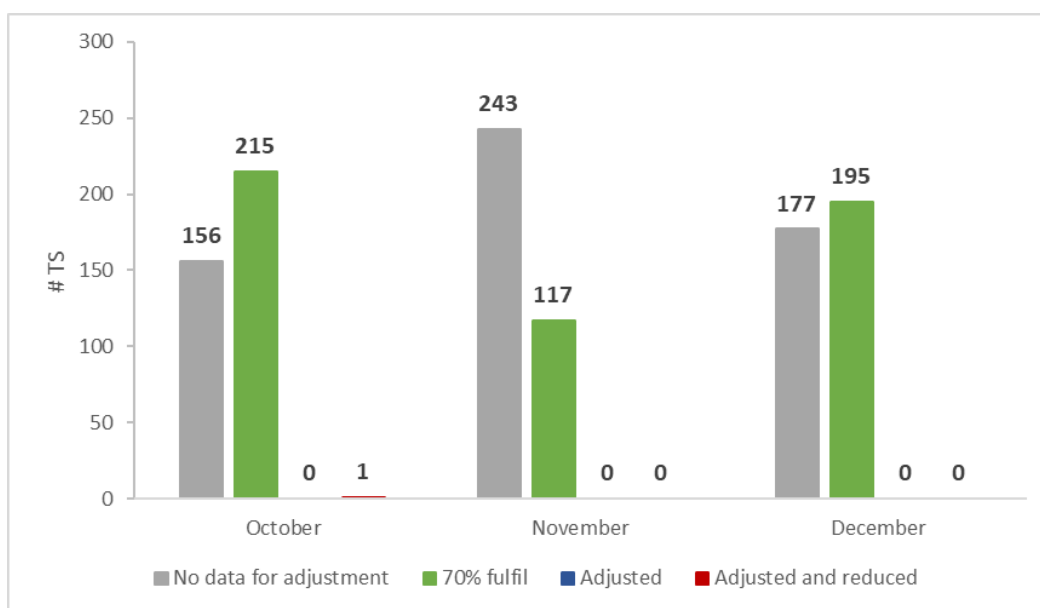
Figure 12: ID TTC Calculation results



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.

Figure 13: ID summary of status of TSs during adjustment process



More details are presented for the month of October for the ID process in the following table below since it is the only month in which the reduction of capacity after the 70% minMargin adjustment occurred for the IDCC process. As presented in the table below, only one TS was impacted with a high ANTC final expected by the model. This result is being investigated to find the root cause of this value.

Table 10: ID Reduction after 70% minMargin adjustment for October

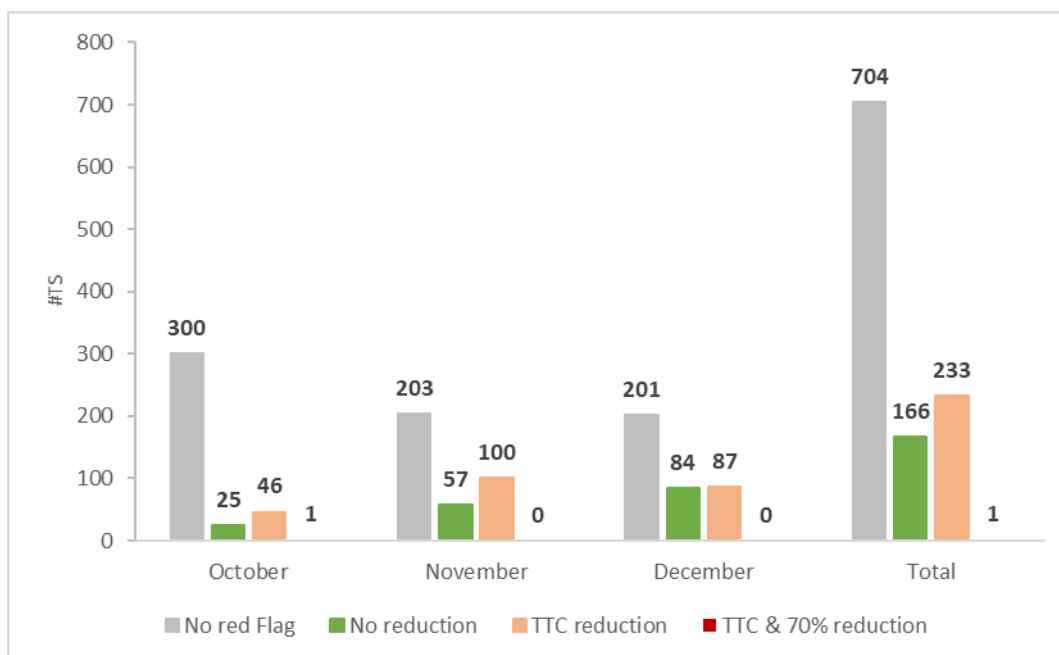
BD	Month	TS	Adjustment	ANTCfinal	ANTCfeasible	Adjustment	70% reduction	% reduction
20221029	October	2330	5233	33744	571	Minimum Margin	33173	98%

¹ For the 2022 Q4 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.

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 14: 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 11: ID TS with global TTC reduction during the validation process for October

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221005	1630	8413	8313	0	0	0	Critical Branch	Validation phase	100	0	CH	8038	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221005	1930	7468	7352	0	0	0	Critical Branch	Validation phase	116	0	CH	7077	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20221005	2230	7989	7782	0	0	0	Critical Branch	Validation phase	207	0	CH	7507	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221006	1630	7805	7228	0	0	0	Scheduled TTC	Validation phase	577	0	CH	6953	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia
20221006	2230	7805	7667	0	0	0	Scheduled TTC	Validation phase	138	0	CH	7392	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221007	2130	8238	7472	0	0	0	Scheduled TTC	Validation phase	766	0	CH	7196	Expected overloading on the following CNEC: CNE: 380kV Bonaduz-Sils 1 , C: N-1 Bonaduz-Sils 2
20221007	2230	8238	7931	0	0	0	Scheduled TTC	Validation phase	307	0	CH	7656	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20221007	2330	8237	8157	0	0	0	Scheduled TTC	Validation phase	80	0	CH	7887	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Sils_prov_Preda + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221009	2330	8170	7815	0	0	0	Scheduled TTC	Validation phase	355	0	CH	7545	Expected overloading on the following CNEC: CNE: 380kV Robbia - Sils Preda , C: N-1 FILISUR-ROBBIA
20221010	1230	6353	5630	0	0	0	Scheduled TTC	Validation phase	723	0	CH	5355	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221010	1330	6353	5855	0	0	0	Scheduled TTC	Validation phase	498	0	CH	5580	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221010	1430	6353	6143	0	0	0	Scheduled TTC	Validation phase	210	0	CH	5868	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAG
20221010	1930	5599	5429	0	0	0	Scheduled TTC	Validation phase	170	0	CH	5154	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221010	2130	6627	6582	0	0	0	Scheduled TTC	Validation phase	45	0	CH	6303	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221011	2030	5554	4942	0	0	0	Scheduled TTC	Validation phase	612	0	CH	4667	Expected overloading on the following CNEC: CNE: 380kV Bulciago-Soazza , C: N-1 380/380kV PST Divaca
20221011	2130	6780	6569	0	0	0	Scheduled TTC	Smoothing Ramp	211	0	CH	6294	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221015	1430	6278	5765	0	0	0	GSK Limitation	Validation phase	513	0	CH	5488	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20221015	1530	6770	6445	0	0	0	Critical Branch	Validation phase	325	0	CH	6170	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20221015	1630	6770	6508	0	0	0	Critical Branch	Validation phase	262	0	CH	6233	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20221019	1730	5530	5512	0	0	0	Scheduled TTC	Validation phase	18	0	CH	5237	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20221020	1230	6780	6627	-1705	-1705	-1552	Critical Branch	Validation phase	153	0	CH	6351	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221020	1630	6998	6554	-3560	-3560	-3131	Critical Branch	Validation phase	444	0	CH	6279	Expected overloading on the following CNEC: CNE: 380kVSils-Soazza , C: N-1 Lavorgo-Mettlen
20221020	1730	6998	6650	-3560	-3560	-3212	Critical Branch	Validation phase	348	0	CH	6375	Expected overloading on the following CNEC: CNE: 380kVSils-Soazza , C: N-1 Lavorgo-Mettlen
20221022	1530	6695	5729	0	0	0	Critical Branch	Validation phase	966	0	CH	5454	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20221023	1830	6998	6592	0	0	0	Critical Branch	Scheduled TTC	406	0	Fictive flag		

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221023	1930	6998	6592	0	0	0	Critical Branch	Scheduled TTC	406	0			Fictive flag
20221023	2030	6998	6592	0	0	0	Critical Branch	Scheduled TTC	406	0			Fictive flag
20221023	2130	6168	6040	0	0	0	Critical Branch	Scheduled TTC	128	0			Fictive flag
20221023	2230	6168	6040	0	0	0	Critical Branch	Scheduled TTC	128	0			Fictive flag
20221023	2330	6168	6040	0	0	0	Critical Branch	Scheduled TTC	128	0			Fictive flag
20221025	1230	6680	6256	0	0	0	Scheduled TTC	Validation phase	424	0	CH	5981	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	1330	6680	5874	0	0	0	Scheduled TTC	Validation phase	806	0	CH	5599	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	1430	6680	5909	0	0	0	Scheduled TTC	Validation phase	771	0	CH	5634	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	1530	6913	5428	0	0	0	Scheduled TTC	Validation phase	1485	0	CH	5153	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	1630	6913	5326	0	0	0	Scheduled TTC	Validation phase	1587	0	CH	5051	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	1730	6913	6691	0	0	0	Scheduled TTC	Validation phase	222	0	CH	6417	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	2130	6432	4560	0	0	0	Scheduled TTC	Validation phase	1872	0	CH	4285	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	2230	6432	4740	0	0	0	Scheduled TTC	Validation phase	1692	0	CH	4465	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221025	2330	6431	5457	0	0	0	Scheduled TTC	Validation phase	974	0	CH	5187	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221026	1630	6970	6902	0	0	0	Critical Branch	Validation phase	68	0	CH	6627	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221026	1730	7005	6712	0	0	0	Critical Branch	Validation phase	293	0	CH	6437	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20221028	1230	6322	5984	0	0	0	Scheduled TTC	Validation phase	338	0	CH	5709	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221028	1930	5927	5427	0	0	0	Scheduled TTC	Validation phase	500	0	CH	5152	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGIO-MUSIGNANO
20221028	2030	5927	4896	0	0	0	Scheduled TTC	Validation phase	1031	0	CH	4621	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-1 LAVORGIO-MUSIGNANO
20221028	2230	5826	5342	0	0	0	Scheduled TTC	Validation phase	484	0	CH	5067	Expected overloading on the following CNEC: CNE: 380kV Lavorgio - Musignano , C: N-1 SOAZZA-BULCIAGO
20221029	1530	4104	4103	0	0	0	GSK Limitation	Smoothing Ramp	1	0	Smoothing		
20221030	1730	7105	6955	0	0	0	Scheduled TTC	Validation phase	150	0	CH	6685	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20221030	1930	8306	6689	0	0	0	Scheduled TTC	Validation phase	1617	0	CH	6418	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 SOAZZA-BULCIAGO
20221030	2030	8306	5696	0	0	0	Scheduled TTC	Validation phase	2610	0	CH	5426	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 SOAZZA-BULCIAGO
20221030	2130	8306	7620	0	0	0	Scheduled TTC	Smoothing Ramp	686	0	CH	7351	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20221030	2230	8416	7678	0	0	0	Scheduled TTC	Validation phase	738	0	CH	7409	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE

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

BD	TS	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	AT-IT	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221027	1230	6565	6526	0	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	39	0	AT	0	BILATERAL: Disconnection of all border lines
20221027	1330	6565	6526	0	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	39	0	AT	0	BILATERAL: Disconnection of all border lines
20221027	1430	6565	6534	0	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	31	0	AT	0	BILATERAL: Disconnection of all border lines
20221027	1530	6565	6531	0	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	34	0	AT	0	BILATERAL: Disconnection of all border lines
20221027	1630	6565	6554	0	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	11	0	AT	0	BILATERAL: Disconnection of all border lines
20221027	1730	6865	6780	0	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	85	0	AT	0	BILATERAL: Disconnection of all border lines
20221027	1830	6985	6932	0	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	53	0	AT	0	BILATERAL: Disconnection of all border lines
20221027	1930	6985	6975	0	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	10	0	AT	0	BILATERAL: Disconnection of all border lines
20221027	2030	6985	6922	0	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	63	0	AT	0	BILATERAL: Disconnection of all border lines
20221027	2130	6985	6975	0	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	10	0	AT	0	BILATERAL: Disconnection of all border lines
20221027	2230	6985	6971	0	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	14	0	AT	0	BILATERAL: Disconnection of all border lines
20221027	2330	6190	6181	0	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	9	0	AT	0	BILATERAL: Disconnection of all border lines
20221031	1230	4349	4264	0	0	0	0	GSK Limitation	TTC Validation phase - bilateral reduction	85	0	AT	0	BILATERAL: Reduction because of disconnection of lines
20221031	1330	4349	4264	0	0	0	0	GSK Limitation	TTC Validation phase - bilateral reduction	85	0	AT	0	BILATERAL: Reduction because of disconnection of lines
20221031	1530	6148	6063	0	-2294	-2294	-2238	Critical Branch	Smoothing Ramp	85	0	AT	0	BILATERAL: Reduction because of disconnection of lines

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

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221101	1830	7180	6520	0	0	0	Scheduled TTC	Validation phase	660	0	CH	6245	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221101	1930	7180	6480	0	0	0	Scheduled TTC	Validation phase	700	0	CH	6205	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221101	2030	7180	6966	0	0	0	Scheduled TTC	Validation phase	214	0	CH	6691	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221101	2330	7180	6270	0	0	0	Scheduled TTC	Validation phase	910	0	CH	6000	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221102	1230	8052	7985	0	0	0	Scheduled TTC	Validation phase	67	0	CH	7710	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20221102	1330	8052	7867	0	0	0	Scheduled TTC	Validation phase	185	0	CH	7592	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221102	1430	8052	7754	0	0	0	Scheduled TTC	Validation phase	298	0	CH	7479	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221102	1530	8046	7434	0	0	0	Scheduled TTC	Validation phase	612	0	CH	7159	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221102	1630	8046	7313	0	0	0	Scheduled TTC	Validation phase	733	0	CH	7038	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221102	1730	8046	7314	0	0	0	Scheduled TTC	Validation phase	732	0	CH	7039	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221103	1530	7672	7162	0	0	0	Critical Branch	Scheduled TTC	510	0	Fictive flag		
20221103	1630	7672	7162	0	0	0	Critical Branch	Scheduled TTC	510	0	Fictive flag		
20221103	1730	8072	7561	0	0	0	Critical Branch	Scheduled TTC	511	0	Fictive flag		
20221103	1830	7264	7210	0	0	0	Critical Branch	Scheduled TTC	54	0	Fictive flag		
20221103	1930	7264	7210	0	0	0	Critical Branch	Scheduled TTC	54	0	Fictive flag		
20221103	2030	7264	7210	0	0	0	Critical Branch	Scheduled TTC	54	0	Fictive flag		

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221103	2130	7795	7753	0	0	0	Critical Branch	Scheduled TTC	42	0	Fictive flag		
20221103	2230	7795	7717	0	0	0	Critical Branch	Scheduled TTC	78	0	Fictive flag		
20221103	2330	6995	6917	0	0	0	Critical Branch	Scheduled TTC	78	0	Fictive flag		
20221104	1530	7633	7057	0	0	0	Critical Branch	Scheduled TTC	576	0	Fictive flag		
20221104	1630	7633	7057	0	0	0	Critical Branch	Scheduled TTC	576	0	Fictive flag		
20221104	1730	7633	7057	0	0	0	Critical Branch	Scheduled TTC	576	0	Fictive flag		
20221104	1830	7239	6896	0	0	0	Critical Branch	Scheduled TTC	343	0	Fictive flag		
20221104	1930	7239	6896	0	0	0	Critical Branch	Scheduled TTC	343	0	Fictive flag		
20221104	2030	7239	6896	0	0	0	Critical Branch	Scheduled TTC	343	0	Fictive flag		
20221104	2130	7261	6624	0	0	0	Critical Branch	Scheduled TTC	637	0	Fictive flag		
20221104	2230	7261	6624	0	0	0	Critical Branch	Scheduled TTC	637	0	Fictive flag		
20221104	2330	6461	5823	0	0	0	Critical Branch	Scheduled TTC	638	0	Fictive flag		
20221105	1530	7828	7806	0	0	0	Critical Branch	Validation phase	22	0	CH	7532	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE
20221106	1530	7586	7584	0	0	0	Scheduled TTC	Validation phase	2	0	FR	7314	Process failed: missing input
20221106	1630	7586	7584	0	0	0	Scheduled TTC	Validation phase	2	0	FR	7314	Process failed: missing input
20221106	1730	7586	7584	0	0	0	Scheduled TTC	Validation phase	2	0	CH	7126	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221106	2130	7810	7584	0	0	0	Critical Branch	Validation phase	226	0	FR	7314	Process failed: missing input

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221106	2230	7810	7584	0	0	0	Critical Branch	Validation phase	226	0	FR	7314	Process failed: missing input
20221106	2330	7810	7584	0	0	0	Critical Branch	Validation phase	226	0	FR	7314	Process failed: missing input
20221107	1230	8810	8310	0	0	0	Scheduled TTC	Validation phase	500	0	CH	8035	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221107	1330	8810	8340	0	0	0	Scheduled TTC	Validation phase	470	0	CH	8065	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221107	1430	8810	8327	0	0	0	Scheduled TTC	Validation phase	483	0	CH	8052	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 ALBERTVILLE-RONDISONE
20221107	1530	8810	7813	0	0	0	Scheduled TTC	Validation phase	997	0	CH	7538	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE
20221107	1630	8775	7572	0	0	0	Scheduled TTC	Validation phase	1203	0	CH	7297	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE
20221107	1730	8775	8157	0	0	0	Scheduled TTC	Validation phase	618	0	CH	7882	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE
20221107	1830	8775	8424	0	0	0	Scheduled TTC	Validation phase	351	0	CH	8149	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE
20221107	1930	8775	8259	0	0	0	Scheduled TTC	Validation phase	516	0	CH	7984	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE
20221107	2030	8775	8126	0	0	0	Scheduled TTC	Validation phase	649	0	CH	7851	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE
20221107	2130	8775	8291	0	0	0	Scheduled TTC	Validation phase	484	0	CH	8016	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221107	2230	8775	8470	0	0	0	Scheduled TTC	Validation phase	305	0	CH	8195	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221109	1230	7969	7897	0	0	0	Scheduled TTC	Validation phase	72	0	CH	7622	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-2 ALBERTVILLE-RONDISSONE
20221109	1330	7969	7803	0	0	0	Scheduled TTC	Validation phase	166	0	CH	7528	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-2 ALBERTVILLE-RONDISSONE
20221109	1730	8181	8061	0	0	0	Critical Branch	Validation phase	120	0	CH	7786	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221109	1830	7503	7210	0	0	0	Critical Branch	Validation phase	293	0	CH	6918	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221109	2130	7996	7629	0	0	0	Critical Branch	Validation phase	367	0	CH	7354	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221109	2230	7996	7361	0	0	0	Critical Branch	Validation phase	635	0	CH	7086	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV SILS-SOAZZA
20221110	1830	7817	7525	0	0	0	Critical Branch	Scheduled TTC	292	0	Fictive flag		
20221110	1930	7817	7525	0	0	0	Critical Branch	Scheduled TTC	292	0	Fictive flag		
20221110	2030	7817	7525	0	0	0	Critical Branch	Scheduled TTC	292	0	Fictive flag		
20221110	2230	7711	7525	0	0	0	Critical Branch	Scheduled TTC	186	0	Fictive flag		
20221110	2330	6931	6745	0	0	0	Critical Branch	Scheduled TTC	186	0	Fictive flag		
20221111	1230	9415	8842	0	0	0	Scheduled TTC	Validation phase	573	0	CH	8567	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221111	1330	9415	8725	0	0	0	Scheduled TTC	Validation phase	690	0	CH	8450	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20221111	1430	9415	8890	0	0	0	Scheduled TTC	Validation phase	525	0	CH	8615	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221111	1530	9789	9694	0	0	0	Scheduled TTC	Validation phase	95	0	CH	9419	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE
20221111	1630	9629	9363	0	0	0	Scheduled TTC	Validation phase	266	0	CH	9088	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISONE
20221111	1730	9629	9516	0	0	0	Scheduled TTC	Validation phase	113	0	CH	9241	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 PRADELLA-ROBBIA
20221111	1830	9290	9180	0	0	0	Scheduled TTC	Validation phase	110	0	CH	8905	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 PRADELLA-ROBBIA
20221112	1730	9283	9173	0	0	0	Scheduled TTC	Validation phase	110	0	CH	8897	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 PRADELLA-ROBBIA
20221114	1330	8185	6612	0	0	0	Scheduled TTC	Validation phase	1573	0	CH	6337	Overloads on 380kV Robbia- San Fiorano in N-2
20221114	1430	8185	7571	0	0	0	Scheduled TTC	Validation phase	614	0	CH	7296	Overloads on 380kV Filisur - Robbia in N-2
20221114	1830	8856	8080	0	0	0	Scheduled TTC	Validation phase	776	0	CH	7805	Overloads on 380kV Filisur - Robbia in N-2
20221114	1930	8856	7700	0	0	0	Scheduled TTC	Validation phase	1156	0	CH	7425	Overloads on 380kV Filisur - Robbia in N-2
20221114	2030	8856	7588	0	0	0	Scheduled TTC	Validation phase	1268	0	CH	7313	Overloads on 380kV Filisur - Robbia in N-2
20221114	2130	8937	8561	0	0	0	Scheduled TTC	Validation phase	376	0	CH	8286	Overloads on 380kV Filisur - Robbia in N-2
20221114	2230	8775	8628	0	0	0	Scheduled TTC	Validation phase	147	0	CH	8353	Overloads on 380kV Lavorgo- Musignagno in N-2
20221115	1530	9251	7844	0	0	0	Critical Branch	Validation phase	1407	0	CH	7569	Overloads on 380kV Filisur- Robbia in N-1
20221115	1630	9251	8175	0	0	0	Critical Branch	Validation phase	1076	0	CH	7900	Overloads on Robbia- San Fiorano by N-1
20221115	1930	8619	7309	0	0	0	Critical Branch	Validation phase	1310	0	CH	7034	Overloads on 380kV Lavorgo- Musignagno by N-1
20221115	2030	8619	7530	0	0	0	Critical Branch	Validation phase	1089	0	CH	7255	Overloads on 380kV Lavorgo- Musignagno by N-1

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221115	2130	8466	8118	0	0	0	Critical Branch	Validation phase	348	0	CH	7843	Overloads on 380kV Lavorgo- Musignagno by N-1
20221115	2230	8466	7590	0	0	0	Critical Branch	Validation phase	876	0	CH	7315	Overloads on 380kV Lavorgo- Musignagno by N-1
20221117	1330	9035	7277	0	0	0	Scheduled TTC	Validation phase	1758	0	CH	6962	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: PENTA: N-2 Pradella- Robbia + Filisur-Robbia
20221117	1430	9035	8314	0	0	0	Scheduled TTC	Validation phase	721	0	CH	8001	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: PENTA: N-2 Pradella- Robbia + Filisur-Robbia
20221117	1530	9035	8512	0	0	0	Scheduled TTC	Validation phase	523	0	CH	8234	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: PENTA: N-2 Pradella- Robbia + Filisur-Robbia
20221117	1630	10035	8650	0	0	0	Scheduled TTC	Validation phase	1385	0	CH	8372	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: PENTA: N-2 Pradella- Robbia + Filisur-Robbia
20221117	1730	10035	9335	0	0	0	Scheduled TTC	Validation phase	700	0	CH	9060	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: PENTA: N-2 Pradella- Robbia + Filisur-Robbia
20221117	1830	10035	9001	0	0	0	Scheduled TTC	Validation phase	1034	0	CH	8726	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: PENTA: N-2 Pradella- Robbia + Filisur-Robbia
20221117	1930	10035	8115	0	0	0	Scheduled TTC	Validation phase	1920	0	CH	7839	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: PENTA: N-2 Pradella- Robbia + Filisur-Robbia
20221117	2030	10035	8807	0	0	0	Scheduled TTC	Validation phase	1228	0	CH	8532	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: PENTA: N-2 Pradella- Robbia + Filisur-Robbia
20221117	2130	10035	8890	0	0	0	Scheduled TTC	Validation phase	1145	0	CH	8615	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: PENTA: N-2 Pradella- Robbia + Filisur-Robbia
20221123	2030	8352	8264	0	0	0	Critical Branch	Validation phase	88	0	CH	7989	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur- Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221124	1530	9405	9404	0	0	0	Critical Branch	Validation phase	1	0	FR	9129	Process failed: missing input
20221124	1630	9405	9404	0	0	0	Critical Branch	Validation phase	1	0	FR	9129	Process failed: missing input
20221124	1730	10085	10083	0	0	0	Critical Branch	Validation phase	2	0	CH	9366	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221127	1230	9888	9409	0	0	0	Scheduled TTC	Validation phase	479	0	CH	8268	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221127	1330	9888	9409	0	0	0	Scheduled TTC	Validation phase	479	0	FR	9139	Process failed: missing input
20221127	1430	9888	9409	0	0	0	Scheduled TTC	Validation phase	479	0	CH	8672	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221127	1530	10035	9410	0	0	0	Scheduled TTC	Validation phase	625	0	CH	8898	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221127	1630	10035	9409	0	0	0	Scheduled TTC	Validation phase	626	0	CH	8936	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221127	1730	10035	9409	0	0	0	Scheduled TTC	Validation phase	626	0	CH	8181	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221127	1830	9794	9409	0	0	0	Scheduled TTC	Validation phase	385	0	CH	8142	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221127	1930	9794	9409	0	0	0	Scheduled TTC	Validation phase	385	0	CH	8381	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221127	2030	9794	9409	0	0	0	Scheduled TTC	Validation phase	385	0	CH	8099	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221127	2130	9519	9409	0	0	0	Scheduled TTC	Validation phase	110	0	CH	7928	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221127	2230	9519	9409	0	0	0	Scheduled TTC	Validation phase	110	0	CH	7819	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221127	2330	9519	9409	0	0	0	Scheduled TTC	Validation phase	110	0	CH	6950	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221129	1230	9040	8644	0	0	0	Scheduled TTC	Validation phase	396	0	FR	8369	Process failed: missing input
20221129	1330	9101	8706	0	0	0	Scheduled TTC	Validation phase	395	0	FR	8430	Process failed: missing input
20221129	1430	9160	8765	0	0	0	Scheduled TTC	Validation phase	395	0	FR	8490	Process failed: missing input
20221129	2330	8596	8000	0	0	0	Scheduled TTC	Validation phase	596	0	CH	7451	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221130	1230	8879	8825	0	0	0	Scheduled TTC	Validation phase	54	0	CH	7854	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20221130	1330	8879	8825	0	0	0	Scheduled TTC	Validation phase	54	0	CH	7960	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20221130	1430	8879	8825	0	0	0	Scheduled TTC	Validation phase	54	0	CH	8386	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221130	1530	9236	8825	0	0	0	Scheduled TTC	Validation phase	411	0	CH	8423	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221130	1630	9236	8825	0	0	0	Scheduled TTC	Validation phase	411	0	CH	8458	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221130	1730	9236	8825	0	0	0	Scheduled TTC	Validation phase	411	0	CH	8249	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

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

BD	TS	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	AT-IT	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221128	1230	9567	9481	230	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	86	0	AT	- 100000	BILATERAL: Because of high redispatch the leftover intraday capacity was set to 0
20221129	1730	7742	7685	233	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	57	0	AT	- 100000	BILATERAL: Because of high redispatch the leftover intraday capacity was set to 0
20221129	1830	7805	7581	68	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	224	0	AT	- 100000	BILATERAL: Because of high redispatch the leftover intraday capacity was set to 0

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

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221201	1230	8964	8924	0	0	0	Scheduled TTC	Validation phase	40	0	CH	8580	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221201	1330	8964	8924	0	0	0	Scheduled TTC	Validation phase	40	0	CH	8532	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221201	1430	8964	8924	0	0	0	Scheduled TTC	Validation phase	40	0	FR	8649	Process failed: missing input
20221204	1230	9060	8809	0	0	0	Scheduled TTC	Validation phase	251	0	CH	6487	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20221204	1330	9060	8809	0	0	0	Scheduled TTC	Validation phase	251	0	CH	5973	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20221204	1430	9060	8809	0	0	0	Scheduled TTC	Smoothing Ramp	251	0	Smoothing		
20221206	1230	9435	9134	0	0	0	Scheduled TTC	Validation phase	301	0	CH	9094	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221206	1330	9435	8968	0	0	0	Scheduled TTC	Validation phase	467	0	CH	8933	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221206	1430	9435	8605	0	0	0	Scheduled TTC	Validation phase	830	0	CH	8468	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221206	1730	7733	7445	-1788	-1788	-1443	Critical Branch	Validation phase	288	0	CH	7170	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221208	1230	7720	7427	0	0	0	Scheduled TTC	Smoothing Ramp	293	0	CH	7152	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221208	1330	7720	7435	0	0	0	Scheduled TTC	Smoothing Ramp	285	0	CH	7161	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380/220kV Lavorgo , C: N-2 Pradella-Robbia + Filisur- Robbia
20221208	1430	7720	7180	0	0	0	Scheduled TTC	Smoothing Ramp	540	0	CH	6905	
20221209	1930	7185	7175	0	0	0	Scheduled TTC	Smoothing Ramp	10	0	Smoothing		
20221211	1230	8300	7046	0	0	0	Scheduled TTC	Validation phase	1254	0	CH	7215	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221211	1330	8300	7151	0	0	0	Scheduled TTC	Smoothing Ramp	1149	0	Smoothing		
20221211	1430	8300	6914	0	0	0	Scheduled TTC	Smoothing Ramp	1386	0	Smoothing		
20221214	2030	8612	8611	0	0	0	Critical Branch	Smoothing Ramp	1	0	Smoothing		
20221215	1230	8085	7847	0	0	0	Scheduled TTC	Validation phase	238	0	CH	7573	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221215	1330	8085	7674	0	0	0	Scheduled TTC	Validation phase	411	0	CH	7399	
20221215	1430	8085	7736	0	0	0	Scheduled TTC	Validation phase	349	0	CH	7462	
20221216	1230	8518	7073	0	0	0	Scheduled TTC	Validation phase	1445	0	CH	6798	Expected overloading on the following CNEC: CNE: 380/220kV Lavorgo , C: N-2 Pradella-Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380/220kV Lavorgo , C: N-2 Pradella-Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380/220kV Lavorgo , C: N-2 Pradella-Robbia + Filisur- Robbia
20221216	1330	8518	7567	0	0	0	Scheduled TTC	Validation phase	951	0	CH	7292	
20221216	1430	8518	7444	0	0	0	Scheduled TTC	Validation phase	1074	0	CH	7168	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20221216	1530	7796	7635	0	0	0	Critical Branch	Validation phase	161	0	CH	7359	Expected overloading on the following CNEC: CNE: 380/220kV Lavorgo , C: N-2 Pradella-Robbia + Filisur-Robbia
20221216	1730	8496	6736	0	0	0	Critical Branch	Validation phase	1760	0	CH	6461	Expected overloading on the following CNEC: CNE: 380/220kV Lavorgo , C: N-2 Pradella-Robbia + Filisur-Robbia
20221217	2130	10035	8500	0	0	0	Scheduled TTC	Validation phase	1535	0	CH	8225	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221217	2230	10035	8274	0	0	0	Scheduled TTC	Validation phase	1761	0	CH	7999	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221217	2330	9220	8231	0	0	0	Scheduled TTC	Validation phase	989	0	CH	7961	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221222	1230	9435	9434	0	0	0	Scheduled TTC	Scheduled TTC	1	0	Fictive flag		
20221223	1830	9172	9041	0	0	0	Critical Branch	Scheduled TTC	131	0	Fictive flag		
20221223	1930	9172	9041	0	0	0	Critical Branch	Scheduled TTC	131	0	Fictive flag		
20221223	2030	9172	9041	0	0	0	Critical Branch	Scheduled TTC	131	0	Fictive flag		
20221223	2130	10305	8894	0	0	0	Critical Branch	Scheduled TTC	1411	0	Fictive flag		
20221223	2230	10305	8894	0	0	0	Critical Branch	Scheduled TTC	1411	0	Fictive flag		
20221223	2330	9490	8078	0	0	0	Critical Branch	Scheduled TTC	1412	0	Fictive flag		
20221224	1530	10168	9650	0	0	0	Critical Branch	Validation phase	518	0	CH	9375	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20221224	1630	10168	9892	0	0	0	Critical Branch	Validation phase	276	0	CH	9617	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221224	1730	10168	9992	0	0	0	Critical Branch	Validation phase	176	0	CH	9717	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20221224	2230	9926	9607	0	0	0	Critical Branch	Validation phase	319	0	CH	9332	
20221225	1830	10260	10200	0	0	0	Critical Branch	Smoothing Ramp	60	0	Smoothing		
20221225	2030	10260	10200	0	0	0	Critical Branch	Smoothing Ramp	60	0	Smoothing		
20221227	1530	9041	9040	0	0	0	Critical Branch	Smoothing Ramp	1	0	Smoothing		
20221227	1630	9041	9040	0	0	0	Critical Branch	Smoothing Ramp	1	0	Smoothing		
20221227	1730	9041	9040	0	0	0	Critical Branch	Smoothing Ramp	1	0	Smoothing		
20221227	2230	7973	7901	0	0	0	Critical Branch	Validation phase	72	0	CH	7626	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS-SOAZZA
20221228	1530	9972	8428	-5685	-5685	-4140	Critical Branch	Smoothing Ramp	1544	0	Smoothing		
20221228	1630	9972	8810	-5685	-5685	-4523	Critical Branch	Validation phase	1162	0	CH	8536	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20221228	1730	9972	8979	-5685	-5685	-4691	Critical Branch	Validation phase	993	0	CH	8703	
20221228	2330	8756	8745	-2157	-2157	-2146	Critical Branch	Validation phase	11	0	CH	8476	
20221229	1230	8770	6100	0	0	0	Scheduled TTC	Validation phase	2670	0	CH	5825	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS-SOAZZA Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 ALBERTVILLE-GRANDE ILE
20221229	1330	8770	7250	0	0	0	Scheduled TTC	Validation phase	1520	0	CH	6975	

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221229	1430	8770	8056	0	0	0	Scheduled TTC	Validation phase	714	0	CH	7781	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: BASECASE
20221229	1530	9624	8221	0	0	0	Scheduled TTC	Validation phase	1403	0	CH	7946	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20221229	1630	9624	8858	0	0	0	Scheduled TTC	Validation phase	766	0	CH	8582	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-1 VILLARODIN- VENAUS
20221229	1730	9624	9452	0	0	0	Scheduled TTC	Validation phase	172	0	CH	9177	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: BASECASE
20221229	1830	9091	9027	0	0	0	Scheduled TTC	Validation phase	64	0	CH	8751	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 ROBBIA- S.FIORANO
20221229	1930	9091	8190	0	0	0	Scheduled TTC	Validation phase	901	0	CH	7915	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-1 LAVORGO- MUSIGNANO
20221229	2030	9091	8271	0	0	0	Scheduled TTC	Validation phase	820	0	CH	7996	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-1 LAVORGO- MUSIGNANO
20221229	2130	8692	8507	0	0	0	Scheduled TTC	Validation phase	185	0	CH	8232	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-1 LAVORGO- MUSIGNANO
20221229	2230	8692	8572	0	0	0	Scheduled TTC	Validation phase	120	0	CH	8297	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20221230	1530	9779	9626	- 4326	-4326	-4173	Critical Branch	Validation phase	153	0	CH	9351	Missing CNEC in CC: CNE: 380kV Fiorano - Robbia , C: N-1 SOAZZA-BULCIAGO
20221230	1630	9779	9626	- 4326	-4326	-4173	Critical Branch	Validation phase	153	0	CH	9351	Missing CNEC in CC: CNE: 380kV Fiorano - Robbia , C: N-1 SOAZZA-BULCIAGO
20221230	1730	9779	9299	- 4326	-4326	-3846	Critical Branch	Validation phase	480	0	CH	9024	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-1 LAVORGO- MUSIGNANO
20221230	1930	9150	8490	- 2857	-2857	-2185	Critical Branch	Validation phase	660	0	CH	8215	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221230	2030	9150	8291	-2857	-2857	-1981	Critical Branch	Validation phase	859	0	CH	8016	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: N-1 SOAZZA-BULCIAGO
20221230	2130	8282	7392	-2636	-2636	-1742	Critical Branch	Validation phase	890	0	CH	7117	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS-SOAZZA
20221230	2230	8282	7358	-2636	-2636	-1682	Critical Branch	Validation phase	924	0	CH	7084	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS-SOAZZA
20221231	1230	10035	8529	0	0	0	Scheduled TTC	Validation phase	1506	0	CH	8254	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221231	1330	10035	9874	0	0	0	Scheduled TTC	Validation phase	161	0	CH	9599	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20221231	1430	10035	9831	0	0	0	Scheduled TTC	Validation phase	204	0	CH	9556	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 ALBERTVILLE-RONDISSONE
20221231	1530	10035	9638	0	0	0	Scheduled TTC	Validation phase	397	0	CH	9364	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20221231	1630	10035	9791	0	0	0	Scheduled TTC	Validation phase	244	0	CH	9517	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20221231	1730	10035	9812	0	0	0	Scheduled TTC	Validation phase	223	0	CH	9537	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 VILLARODIN-VENAUS
20221231	1830	10035	9000	0	0	0	Scheduled TTC	Validation phase	1035	0	CH	8725	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 VILLARODIN-VENAUS
20221231	1930	10035	9000	0	0	0	Scheduled TTC	Validation phase	1035	0	CH	8725	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221231	2030	10035	9000	0	0	0	Scheduled TTC	Validation phase	1035	0	CH	8725	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221231	2130	10035	9000	0	0	0	Scheduled TTC	Validation phase	1035	0	CH	8725	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221231	2230	10035	9000	0	0	0	Scheduled TTC	Validation phase	1035	0	CH	8725	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20221231	2330	9220	9000	0	0	0	Scheduled TTC	Validation phase	220	0	CH	8730	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia

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

BD	TS	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	AT-IT	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221209	1430	7155	6919	52	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	236	0	AT	-100000	BILATERAL: Because of high redispatch the leftover intraday capacity was set to 0
20221210	1730	5023	4809	7	0	0	0	GSK Limitation	TTC Validation phase - bilateral reduction	214	0	AT	-100000	BILATERAL: Because of high redispatch the leftover intraday capacity was set to 0
20221210	1830	3537	3389	28	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	148	0	AT	-100000	BILATERAL: Because of high redispatch the leftover intraday capacity was set to 0
20221211	1530	2995	2696	-145	0	0	0	GSK Limitation	TTC Validation phase - bilateral reduction	299	0	AT	-100000	BILATERAL: Because of high redispatch the leftover intraday capacity was set to 0
20221211	1630	2995	2696	-145	0	0	0	GSK Limitation	TTC Validation phase - bilateral reduction	299	0	AT	-100000	BILATERAL: Because of high redispatch the leftover intraday capacity was set to 0
20221211	1730	2995	2696	-145	0	0	0	GSK Limitation	TTC Validation phase - bilateral reduction	299	0	AT	-100000	BILATERAL: Because of high redispatch the leftover intraday capacity was set to 0
20221225	1530	7092	6843	0	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	249	0	AT	-100000	BILATERAL: Because of high redispatch the leftover intraday capacity was set to 0
20221225	1930	10260	10200	272	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	60	0	AT	-100000	BILATERAL: Because of high redispatch the leftover intraday capacity was set to 0

5.2.1 Reduction on TTC and on 70% requirement

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

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

Table 17: D2 TS with global TTC reduction and reduction compared to 70% during the validation process for October

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20221029	2330	5233	4661	33744	571	33745	Minimum Margin	Validation phase	572	572	FR	4391	Process fail during TSO validation phase

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 occurred only in one TSs of October for the IDCC process.

Figure 15, presents the distribution of required capacity to be adjusted in the relevant TSs in October. As it can be seen, this TS had a required adjustment of capacity greater than 1000 MW. The figure also shows the average of feasible capacity for the adjustment on those TSs.

Figure 15: ID Distribution of required capacity for adjustment vs average of feasible capacity

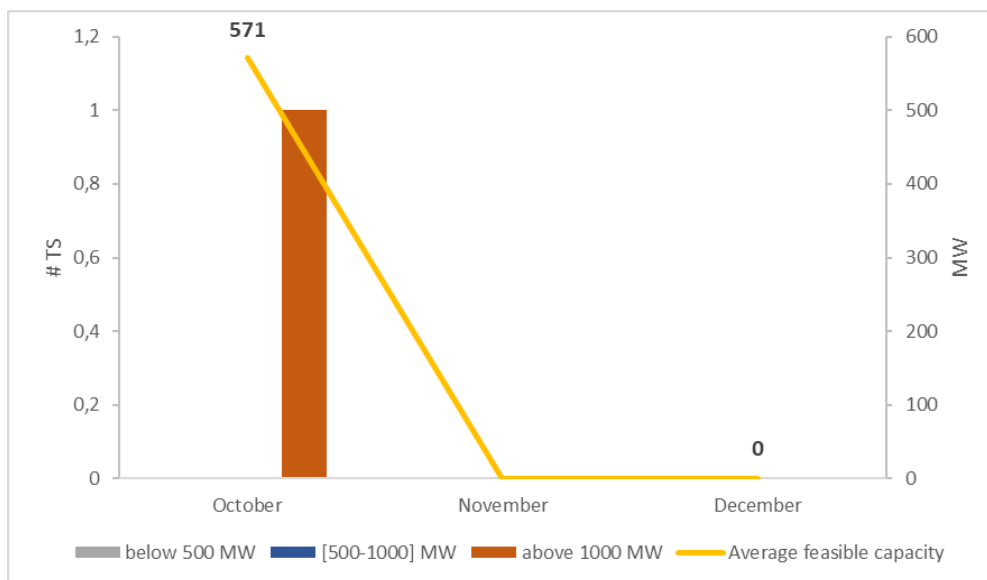
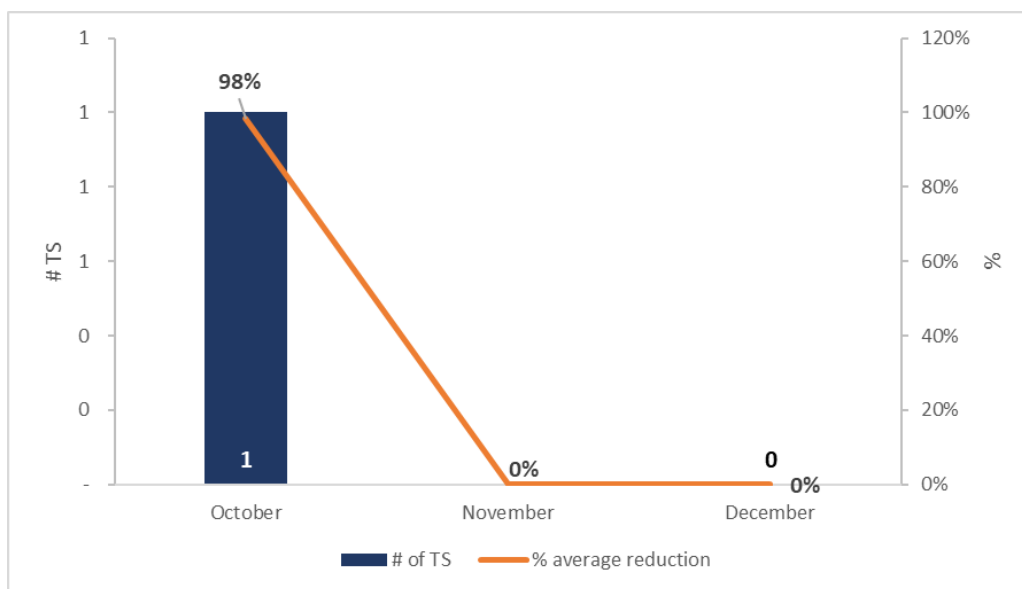


Figure 16 presents for the case of ID, the average % of reduction per month together with the amount of TS with reduction.

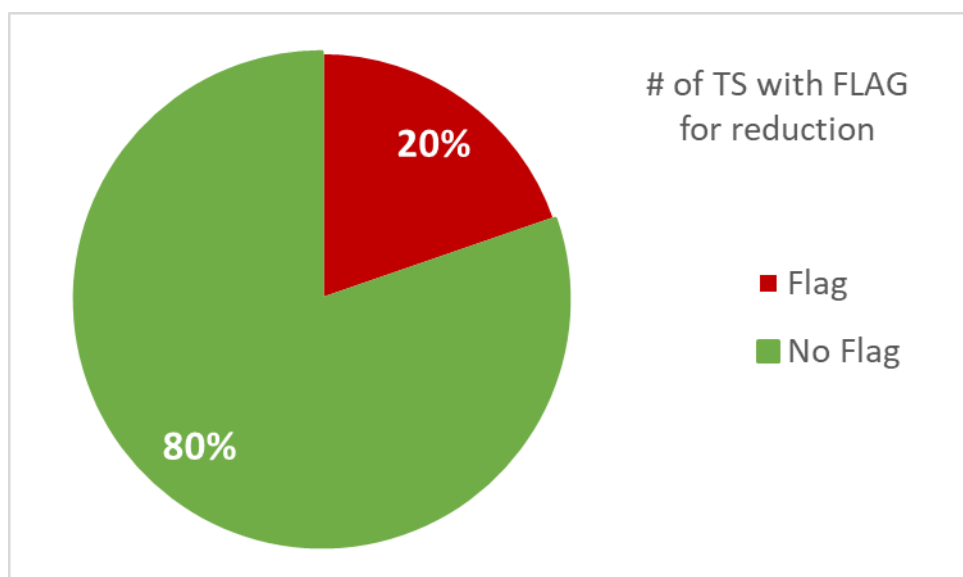
Figure 16: ID #TS with reduction per month vs the average % of reduction on that month



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 17 presents the distribution of TSs with and without flag during the period of analysis.

Figure 17: ID share of TS with and without flag

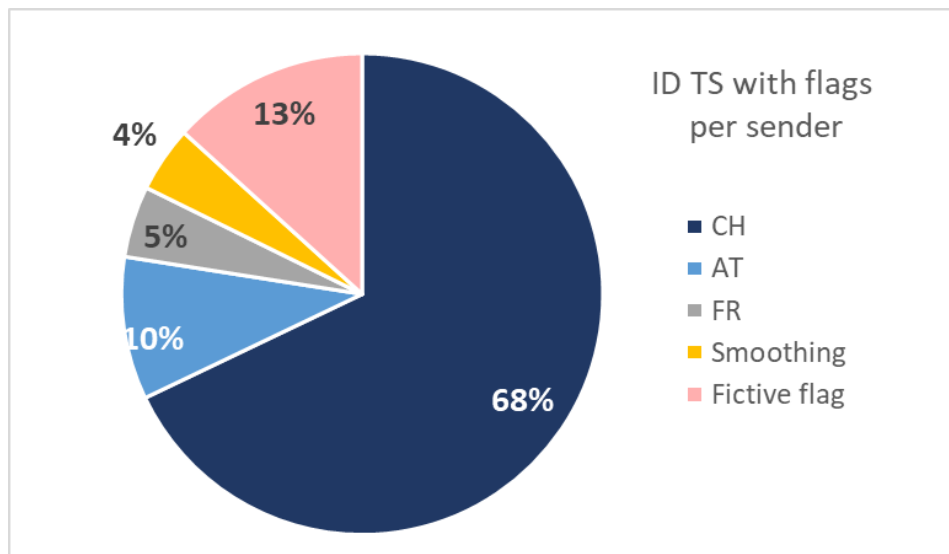


In ID, the validation process during Q4 was limited by four types of flag's provider:

- 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.
- 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.

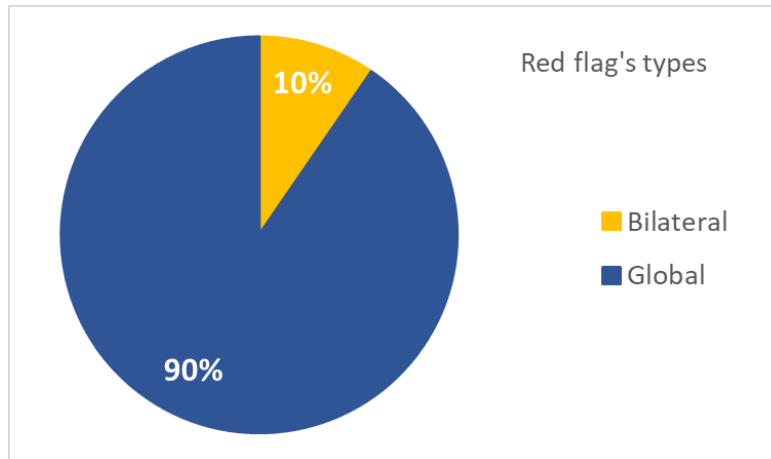
Figure 18 presents the share of each type of flag during the quarter. It can be seen that the TSO with the highest share of reduction is Swissgrid.

Figure 18: 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:

Figure 19: 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
- Process fail during TSO Validation
- High Redispatch issue
- Fault
- Missing input

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

Figure 20: ID type of flags sent by Swissgrid



Figure 21: ID type of flags sent by APG

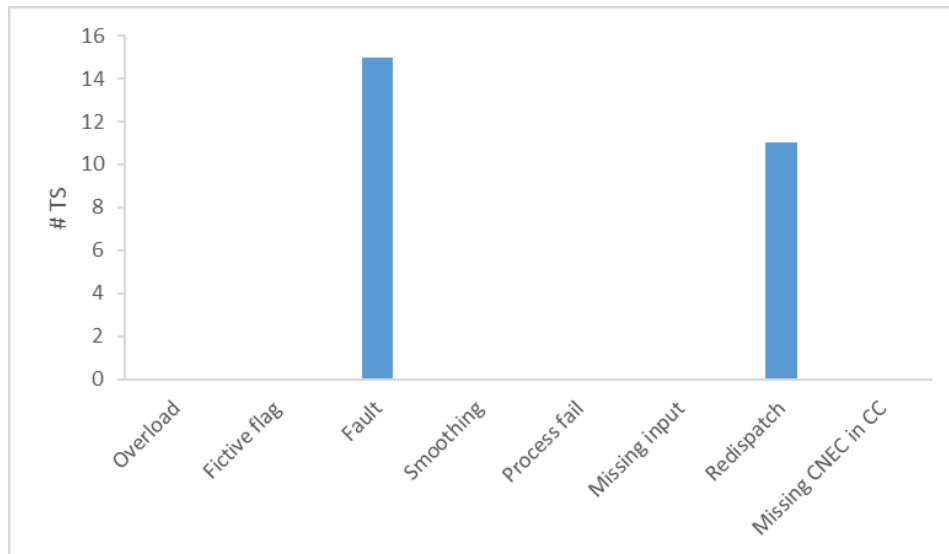
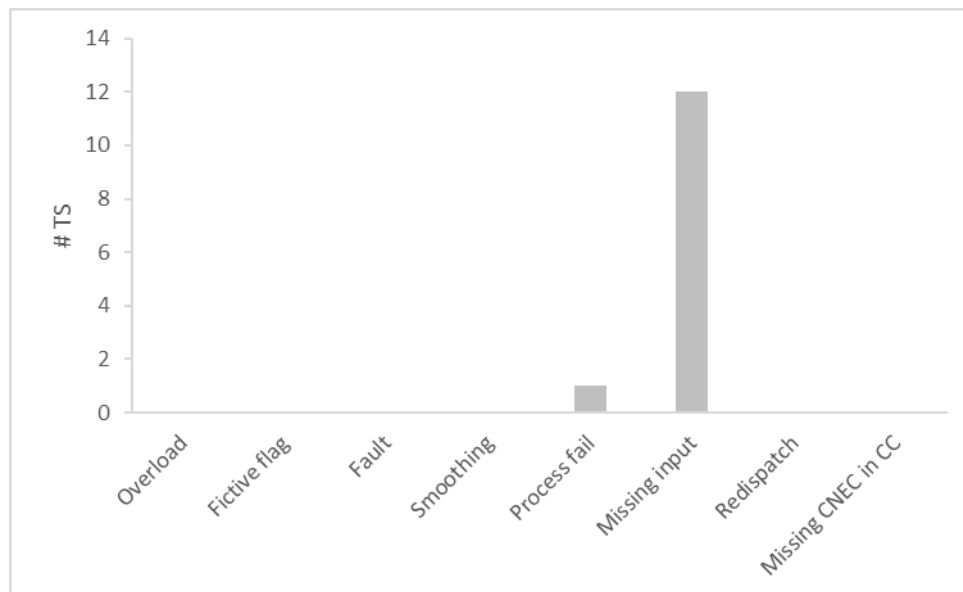


Figure 22: ID type of flags sent by RTE



Finally, the Overload reasons have been analysed and the following lines and outages are the ones that have been limiting the capacity during the Q4.

Table 18: ID list of Critical Branches reported on FLAGs

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

Table 19: D2 list of Critical Outages reported on FLAGs

CO name
N-1 SOAZZA-BULCIAGO
N-2 ALBERTVILLE-RONDISSONE
380KV SILS-SOAZZA
N-2 Pradella-Robbia + Filisur-Robbia
N-1 PRADELLA-ROBBIA
N-2 Divaca-Redipuglia + Divaca-Padriciano
380KV GORLAGO-ROBBIA
N-2 ALBERTVILLE-GRANDE ILE
BASECASE
N-1 VILLARODIN-VENAUS
N-1 ROBBIA-S.FIORANO
N-1 LAVORGO-MUSIGNANO

5.5. Recommendations

Not applicable for Italy North region