

Quarterly report for Article 16.3 of EU Regulation 2019/943

D2 and ID Coordinated Capacity Calculation on the
Italy North region

Q3 2023

1st of July – 30th of September

Version 1.1

RCC

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

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LIST OF ACRONYMS

ANTC: Additional Net Transfer Capacity

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

ANTCfeasible: Feasible Additional Net Transfer Capacity to be adjusted

BD: Business Day

CACM: Capacity Allocation and Congestion Management

CC: Capacity Calculation

CCR: Capacity Calculation Region

CNE: Critical Network Element

CNEC: Critical Network Element Contingency

CRA: Curative Remedial Actions

D2: D-2 process

ID: Intraday process

IN: Italy North

MinMargin: minimum margin

NTC: Net Transfer Capacity

RA: Remedial Actions

RCC: Regional Coordination Centre

TS: Timestamp

TTC: Total Transfer Capacity

TTCAdj: Total Transfer Capacity after the adjustment process

1. Introduction

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

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

And

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

This report is provided in fulfilment of the RCC reporting obligations as covered within Article 16.3 of Commission Regulation (EU) 2019/943 for Q3 2023. The content of this report also covers the reporting requirements according to Article 26.5 of Commission Regulation (EU) 2015/1222 towards the IN NRAs.

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

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

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

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

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

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

Moreover, this report presents the results of TSs in which the 70% adjustment could not be performed due to a lack of costly RA capacity provided by the TSOs in accordance with Art 13.2. of the Capacity Calculation Methodology for Italy North CCR. The Q3 report includes the results from the 1st of July till the 30th of September of 2023. 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:

2023Q3 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

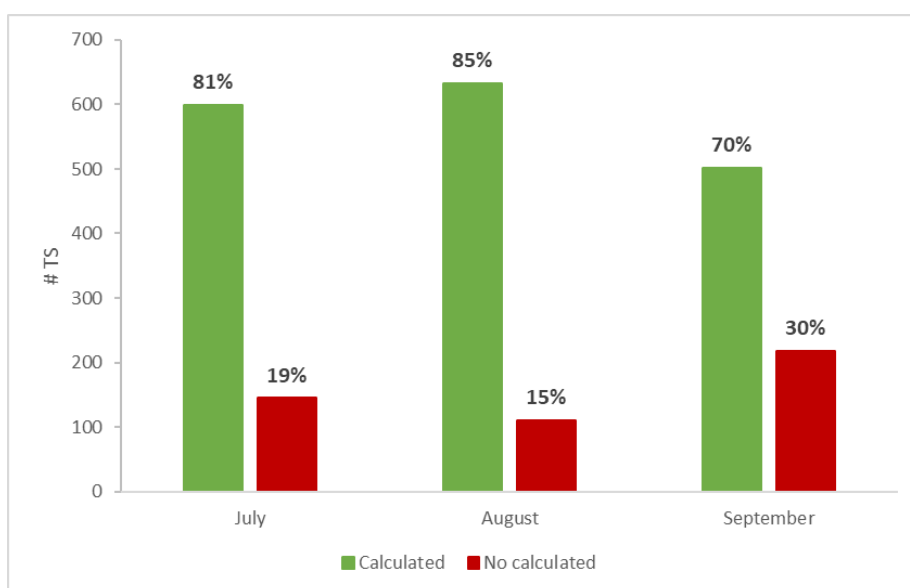
4.1. Reduction of capacity after 70% adjustment

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

On Q3, between BD 19/06 and BD 09/08 the reference exchange used to calculate the MNCC was wrong by 1 hour, affecting the adjustment process. Due to this mismatch between the MNCC and the optimized CGM, adjustment may have been wrongfully performed or missed. Detailed impact assessment is ongoing at the time of submission of this report, therefore the results shown might be distorted.

The following figure presents, per month, a summary of the TSs that successfully performed in Q3 the TTC calculation process. Please note that the adjustment process could be performed only on these calculated TSs.

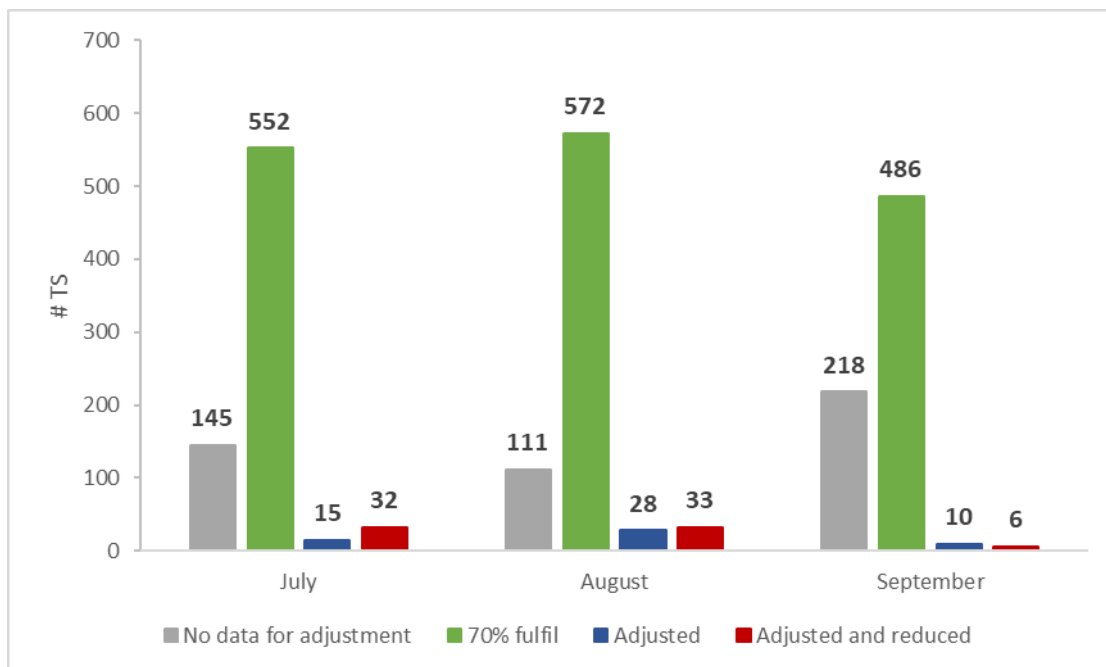
Figure 1: D2 TTC Calculation results



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, there were several TS with reductions. More details are presented in the next table.

Table 1: D2 Reduction after 70% minMargin adjustment

BD	TS	Month	TTC	ANTC		LimitedBy	70% reduction	% reduction	Category
			Adj	ANTCfinal	ANTCfeasible	LimitedBy			
20230707	0930	July	6261	4127	471	Minimum Margin	3656	89%	above 1000 MW
20230707	1030	July	6261	4127	471	Minimum Margin	3656	89%	above 1000 MW
20230707	1130	July	6261	4127	471	Minimum Margin	3656	89%	above 1000 MW
20230717	0730	July	6920	2617	80	Minimum Margin	2537	97%	above 1000 MW
20230717	0830	July	6920	2617	80	Minimum Margin	2537	97%	above 1000 MW
20230717	0930	July	7148	755	308	Minimum Margin	447	59%	[500-1000] MW
20230717	1030	July	7148	755	308	Minimum Margin	447	59%	[500-1000] MW
20230717	1130	July	7148	755	308	Minimum Margin	447	59%	[500-1000] MW
20230718	0330	July	8253	1809	547	Minimum Margin	1262	70%	above 1000 MW
20230718	0430	July	8253	1809	547	Minimum Margin	1262	70%	above 1000 MW

BD	TS	Month	TTC	ANTC		LimitedBy	70% reduction	% reduction	Category
			Adj	ANTCfinal	ANTCfeasible	LimitedBy			
20230718	0530	July	8253	1809	547	Minimum Margin	1262	70%	above 1000 MW
20230718	0630	July	8253	1809	547	Minimum Margin	1262	70%	above 1000 MW
20230718	0730	July	7430	849	590	Minimum Margin	259	31%	[500-1000] MW
20230718	0830	July	7430	849	590	Minimum Margin	259	31%	[500-1000] MW
20230719	0730	July	7187	2248	347	Minimum Margin	1901	85%	above 1000 MW
20230719	0830	July	7187	2248	347	Minimum Margin	1901	85%	above 1000 MW
20230720	0030	July	7906	133	67	Minimum Margin	66	50%	below 500 MW
20230720	0130	July	7906	133	67	Minimum Margin	66	50%	below 500 MW
20230720	0230	July	7906	133	67	Minimum Margin	66	50%	below 500 MW
20230724	0730	July	6729	368	189	Minimum Margin	179	49%	below 500 MW
20230724	0830	July	6729	368	189	Minimum Margin	179	49%	below 500 MW
20230725	0930	July	6652	1318	112	Minimum Margin	1206	92%	above 1000 MW
20230725	1030	July	6652	1318	112	Minimum Margin	1206	92%	above 1000 MW
20230725	1130	July	6652	1318	112	Minimum Margin	1206	92%	above 1000 MW
20230725	1230	July	7221	2632	424	Minimum Margin	2208	84%	above 1000 MW
20230725	1330	July	7221	2632	424	Minimum Margin	2208	84%	above 1000 MW
20230725	1430	July	7221	2632	424	Minimum Margin	2208	84%	above 1000 MW
20230727	1530	July	6946	418	406	Minimum Margin	12	3%	below 500 MW
20230727	1630	July	6946	418	406	Minimum Margin	12	3%	below 500 MW
20230727	1730	July	6946	418	406	Minimum Margin	12	3%	below 500 MW
20230730	0730	July	6507	1382	267	Minimum Margin	1115	81%	above 1000 MW
20230730	0830	July	6507	1382	267	Minimum Margin	1115	81%	above 1000 MW
20230802	0030	August	7247	292	103	Minimum Margin	189	65%	below 500 MW
20230802	0130	August	7247	292	103	Minimum Margin	189	65%	below 500 MW
20230802	0230	August	7247	292	103	Minimum Margin	189	65%	below 500 MW
20230802	0330	August	7576	1542	558	Minimum Margin	984	64%	above 1000 MW
20230802	0430	August	7576	1542	558	Minimum Margin	984	64%	above 1000 MW
20230802	0530	August	7576	1542	558	Minimum Margin	984	64%	above 1000 MW
20230802	0630	August	7576	1542	558	Minimum Margin	984	64%	above 1000 MW

BD	TS	Month	TTC	ANTC		LimitedBy	70% reduction	% reduction	Category
			Adj	ANTCfinal	ANTCfeasible	LimitedBy			
20230803	0030	August	5383	1498	87	Minimum Margin	1411	94%	above 1000 MW
20230803	0130	August	5383	1498	87	Minimum Margin	1411	94%	above 1000 MW
20230803	0230	August	5383	1498	87	Minimum Margin	1411	94%	above 1000 MW
20230803	0330	August	6840	640	510	Minimum Margin	130	20%	[500-1000] MW
20230803	0430	August	6840	640	510	Minimum Margin	130	20%	[500-1000] MW
20230803	0530	August	6840	640	510	Minimum Margin	130	20%	[500-1000] MW
20230803	0630	August	6840	640	510	Minimum Margin	130	20%	[500-1000] MW
20230803	0930	August	6189	609	433	Minimum Margin	176	29%	[500-1000] MW
20230803	1030	August	6189	609	433	Minimum Margin	176	29%	[500-1000] MW
20230803	1130	August	6189	609	433	Minimum Margin	176	29%	[500-1000] MW
20230803	2130	August	6088	103	82	Minimum Margin	21	20%	below 500 MW
20230803	2230	August	6088	103	82	Minimum Margin	21	20%	below 500 MW
20230803	2330	August	5528	666	82	Minimum Margin	584	88%	[500-1000] MW
20230805	1230	August	5428	264	172	Minimum Margin	92	35%	below 500 MW
20230805	1330	August	5428	264	172	Minimum Margin	92	35%	below 500 MW
20230805	1430	August	5428	264	172	Minimum Margin	92	35%	below 500 MW
20230806	0730	August	5699	590	106	Minimum Margin	484	82%	[500-1000] MW
20230806	0830	August	5699	590	106	Minimum Margin	484	82%	[500-1000] MW
20230812	0330	August	6115	14951	294	Minimum Margin	14657	98%	above 1000 MW
20230812	0430	August	6115	14951	294	Minimum Margin	14657	98%	above 1000 MW
20230812	0530	August	6115	14951	294	Minimum Margin	14657	98%	above 1000 MW
20230812	0630	August	6115	14951	294	Minimum Margin	14657	98%	above 1000 MW
20230818	1530	August	6459	1369	533	Minimum Margin	836	61%	above 1000 MW
20230826	2130	August	5846	370	160	Minimum Margin	210	57%	below 500 MW
20230826	2230	August	5846	370	160	Minimum Margin	210	57%	below 500 MW

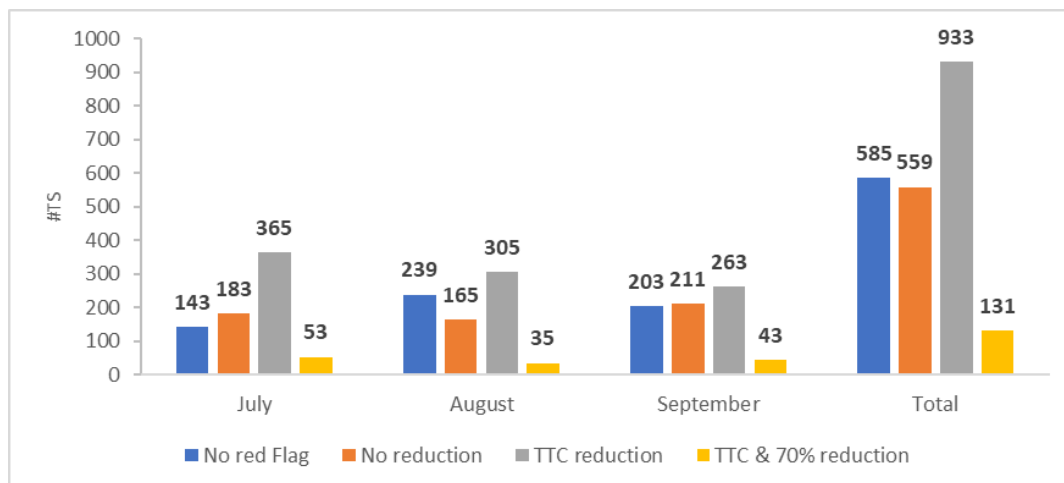
BD	TS	Month	TTC	ANTC		LimitedBy	70% reduction	% reduction	Category
			Adj	ANTCfinal	ANTCfeasible	LimitedBy			
20230826	2330	August	5445	752	159	Minimum Margin	593	79%	[500- 1000] MW
20230905	0930	September	6282	655	517	Minimum Margin	138	21%	[500- 1000] MW
20230905	1030	September	6282	655	517	Minimum Margin	138	21%	[500- 1000] MW
20230905	1130	September	6282	655	517	Minimum Margin	138	21%	[500- 1000] MW
20230917	1230	September	4143	806	570	Minimum Margin	236	29%	[500- 1000] MW
20230917	1330	September	4143	806	570	Minimum Margin	236	29%	[500- 1000] MW
20230917	1430	September	4143	806	570	Minimum Margin	236	29%	[500- 1000] MW

4.2. Reduction of capacity after TSOs validation

In this section, the TSs within the D2 process where reduction of capacity after the TSO validation occurred are reported. During Q3 the validation process could be performed for all business days except for 24/09/2023 (due to IT issues), 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 July

		TTC		ANTC		LimitedBy		Validation					
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230702	0030	7975	7490	-494	-494	-9	Critical Branch	Validation phase	485	0	IT	7300	N-1 ABV-RON1 - >ABV-RON2
20230702	0130	7975	7490	-494	-494	-9	Critical Branch	Validation phase	485	0	IT	7300	N-1 ABV-RON1 - >ABV-RON2
20230702	0230	7975	7490	-494	-494	-9	Critical Branch	Validation phase	485	0	IT	7300	N-1 ABV-RON1 - >ABV-RON2
20230702	0930	7722	7536	-1742	-1742	-1556	Critical Branch	Validation phase	186	0	CH	7346	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230702	1030	7722	7536	-1742	-1742	-1556	Critical Branch	Validation phase	186	0	CH	7346	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230702	1130	7722	7536	- 1742	-1742	-1556	Critical Branch	Validation phase	186	0	CH	7346	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230702	1230	7085	6285	- 1615	-1615	-815	Critical Branch	Validation phase	800	0	IT	6095	N-1 ABV-RON1 -> ABV-RON2
20230702	1330	7085	6285	- 1615	-1615	-815	Critical Branch	Validation phase	800	0	IT	6095	N-1 ABV-RON1 - > ABV-RON2
20230702	1430	7085	6285	- 1615	-1615	-815	Critical Branch	Validation phase	800	0	IT	6095	N-1 ABV-RON1 - > ABV-RON2
20230702	1530	8077	7177	- 1015	-1015	-115	Critical Branch	Validation phase	900	0	IT	6987	N-1 ABV-RON1- >ABV-RON2
20230702	1630	8077	7177	- 1015	-1015	-115	Critical Branch	Validation phase	900	0	IT	6987	N-1 ABV-RON1- >ABV-RON2
20230702	1730	8077	7177	- 1015	-1015	-115	Critical Branch	Validation phase	900	0	IT	6987	N-1 ABV-RON1- >ABV-RON2
20230702	1830	8055	7177	- 4466	-4466	-3588	Critical Branch	Validation phase	878	0	IT	6987	N-1 ABV-RON1- >ABV-RON2
20230702	1930	8055	7177	- 4466	-4466	-3588	Critical Branch	Validation phase	878	0	IT	6987	N-1 ABV-RON1- >ABV-RON2
20230702	2030	8055	7177	- 4466	-4466	-3588	Critical Branch	Validation phase	878	0	IT	6987	N-1 ABV-RON1- >ABV-RON2
20230702	2130	7873	7177	- 4922	-4922	-4226	Critical Branch	Validation phase	696	0	IT	6987	N-1 ABV-RON1- >ABV-RON2
20230702	2230	7873	7177	- 4922	-4922	-4226	Critical Branch	Validation phase	696	0	IT	6987	N-1 ABV-RON1- >ABV-RON2
20230702	2330	7873	7177	- 4922	-4922	-4226	Critical Branch	Validation phase	696	0	IT	6987	N-1 ABV-RON1- >ABV-RON2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230703	0730	8083	7562	- 4824	-4824	-4303	Critical Branch	Validation phase	521	0	CH	7372	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230703	0830	7868	7347	- 4644	-4644	-4123	Critical Branch	Validation phase	521	0	CH	7157	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230703	1230	7333	6715	- 3730	-3730	-3112	Critical Branch	Validation phase	618	0	CH	6525	Missing CNEC in CC: CNE: 220kV Pallanzeno - Serra , C: N-2 Pradella- Robbia + Filisur- Robbia
20230703	1330	7333	6715	- 3730	-3730	-3112	Critical Branch	Validation phase	618	0	CH	6525	Missing CNEC in CC: CNE: 220kV Pallanzeno - Serra , C: N-2 Pradella- Robbia + Filisur- Robbia
20230703	1430	7333	6715	- 3730	-3730	-3112	Critical Branch	Validation phase	618	0	CH	6525	Missing CNEC in CC: CNE: 220kV Pallanzeno - Serra , C: N-2 Pradella- Robbia + Filisur- Robbia

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230703	1530	6702	6578	- 1664	-1664	-1540	Critical Branch	Validation phase	124	0	CH	6388	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230703	1630	6702	6578	- 1664	-1664	-1540	Critical Branch	Validation phase	124	0	CH	6388	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230703	1730	6702	6578	- 1664	-1664	-1540	Critical Branch	Validation phase	124	0	CH	6388	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230703	1830	7862	7099	- 4863	-4863	-4100	Critical Branch	Validation phase	763	0	CH	6909	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230703	1930	7862	7099	- 4863	-4863	-4100	Critical Branch	Validation phase	763	0	CH	6909	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230703	2030	7862	7099	- 4863	-4863	-4100	Critical Branch	Validation phase	763	0	CH	6909	ALBERTVILLE- RONDISSONE Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230703	2130	8099	7599	- 1653	-1653	-1153	Critical Branch	Validation phase	500	0	IT	7409	Expected overloads on ABV-RON
20230703	2230	8099	7599	- 1653	-1653	-1153	Critical Branch	Validation phase	500	0	IT	7409	Expected overloads on ABV-RON
20230703	2330	7709	7314	- 1280	-1280	-885	Critical Branch	Validation phase	395	0	CH	7124	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230704	0330	7366	7037	- 3041	-3041	-2712	Critical Branch	Validation phase	329	0	CH	6847	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230704	0430	7366	7037	- 3041	-3041	-2712	Critical Branch	Validation phase	329	0	CH	6847	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230704	0530	7366	7037	- 3041	-3041	-2712	Critical Branch	Validation phase	329	0	CH	6847	Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230704	0630	7366	7037	- 3041	-3041	-2712	Critical Branch	Validation phase	329	0	CH	6847	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230704	0730	7853	6773	- 3536	-3536	-2456	Critical Branch	Validation phase	1080	0	CH	6583	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230704	0830	7853	6773	- 3536	-3536	-2456	Critical Branch	Validation phase	1080	0	CH	6583	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230704	0930	6315	6011	- 2352	-2352	-2048	Critical Branch	Validation phase	304	0	CH	5821	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected
20230704	1030	6315	6011	- 2352	-2352	-2048	Critical Branch	Validation phase	304	0	CH	5821	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected
20230704	1130	6315	6011	- 2352	-2352	-2048	Critical Branch	Validation phase	304	0	CH	5821	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected
20230704	1230	5655	5416	- 1162	-1162	-923	Critical Branch	Validation phase	239	0	CH	5226	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected
20230704	1330	5655	5416	- 1162	-1162	-923	Critical Branch	Validation phase	239	0	CH	5226	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230704	1430	5655	5416	- 1162	-1162	-923	Critical Branch	Validation phase	239	0	CH	5226	Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230704	1530	6064	5772	- 1602	-1602	-1310	Critical Branch	Validation phase	292	0	CH	5582	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230704	1630	6064	5772	- 1602	-1602	-1310	Critical Branch	Validation phase	292	0	CH	5582	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230704	1730	6064	5772	- 1602	-1602	-1310	Critical Branch	Validation phase	292	0	CH	5582	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230704	1830	7409	6507	- 2320	-2320	-1418	Critical Branch	Validation phase	902	0	CH	6317	Expected overloading on the following CNEC:

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230704	1930	7409	6507	- 2320	-2320	-1418	Critical Branch	Validation phase	902	0	CH	6317	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: 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: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230704	2030	7409	6507	- 2320	-2320	-1418	Critical Branch	Validation phase	902	0	CH	6317	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: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230704	2130	7533	7010	- 2222	-2222	-1699	Critical Branch	Validation phase	523	0	CH	6820	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: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230704	2230	7533	7010	- 2222	-2222	-1699	Critical Branch	Validation phase	523	0	CH	6820	CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230704	2330	7743	7220	- 2390	-2390	-1867	Critical Branch	Validation phase	523	0	CH	7030	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230707	0030	5490	5214	- 1607	-1607	-1331	TTC Selection - LTTC	Validation phase	276	0	CH	5024	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230707	0130	5490	5214	- 1607	-1607	-1331	TTC Selection - LTTC	Validation phase	276	0	CH	5024	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230707	0230	5490	5214	- 1607	-1607	-1331	TTC Selection - LTTC	Validation phase	276	0	CH	5024	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230707	0330	5992	5692	- 1270	-1270	-970	Critical Branch	Validation phase	300	0	IT	5502	costrain detected ROB-GOR ROB-SFI on SOA-BUL 103%
20230707	0430	5992	5692	- 1270	-1270	-970	Critical Branch	Validation phase	300	0	IT	5502	costrain detected ROB-GOR ROB-SFI on SOA-BUL 103%

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230707	0530	5992	5692	- 1270	-1270	-970	Critical Branch	Validation phase	300	0	IT	5502	costrain detected ROB-GOR ROB-SFI on SOA-BUL 103%
20230707	0630	5992	5692	- 1270	-1270	-970	Critical Branch	Validation phase	300	0	IT	5502	costrain detected ROB-GOR ROB-SFI on SOA-BUL 103%
20230707	1230	5790	5516	- 2662	-2662	-2388	TTC Selection - LTTC	Validation phase	274	0	CH	5326	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230707	1330	5790	5516	- 2662	-2662	-2388	TTC Selection - LTTC	Validation phase	274	0	CH	5326	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230707	1430	5790	5516	- 2662	-2662	-2388	TTC Selection - LTTC	Validation phase	274	0	CH	5326	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230707	1530	5790	5492	- 1186	-1186	-888	TTC Selection - LTTC	Validation phase	298	0	CH	5302	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230707	1630	5790	5492	- 1186	-1186	-888	TTC Selection - LTTC	Validation phase	298	0	CH	5302	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected
20230707	1730	5790	5492	- 1186	-1186	-888	TTC Selection - LTTC	Validation phase	298	0	CH	5302	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected
20230707	1830	7217	6670	- 1340	-1340	-793	Critical Branch	Validation phase	547	0	CH	6480	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected
20230707	1930	7217	6670	- 1340	-1340	-793	Critical Branch	Validation phase	547	0	CH	6480	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected
20230707	2030	7217	6670	- 1340	-1340	-793	Critical Branch	Validation phase	547	0	CH	6480	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230707	2130	6970	6587	- 3445	-3445	-3062	Critical Branch	Validation phase	383	0	CH	6397	Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230707	2230	6970	6587	- 3445	-3445	-3062	Critical Branch	Validation phase	383	0	CH	6397	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230707	2330	6570	6187	- 3062	-3062	-2679	Critical Branch	Validation phase	383	0	CH	5997	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230708	0330	6640	6393				Scheduled TTC	Validation phase	247	0	CH	6203	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230708	0430	6640	6393				Scheduled TTC	Validation phase	247	0	CH	6203	Expected overloading on the following CNEC:

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230708	1130	7040	6393				Scheduled TTC	Validation phase	647	0	CH	6203	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230708	1230	7040	6393				Scheduled TTC	Validation phase	647	0	CH	6203	Expected overloading on the following CNEC: CNE: 220kV Pallanzeno - Serra , C: N-2 Pradella- Robbia + Filisur- Robbia
20230708	1330	7040	6393				Scheduled TTC	Validation phase	647	0	CH	6203	Expected overloading on the following CNEC: CNE: 220kV Pallanzeno - Serra , C: N-2 Pradella- Robbia + Filisur- Robbia
20230708	1430	7040	6393				Scheduled TTC	Validation phase	647	0	CH	6203	Expected overloading on the following CNEC: CNE: 220kV Pallanzeno - Serra , C: N-2 Pradella- Robbia + Filisur- Robbia
20230708	1530	7040	6577				Scheduled TTC	Validation phase	463	0	CH	6387	Expected overloading on the following CNEC:

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230708	2030	7840	7660				Scheduled TTC	Validation phase	180	0	CH	7470	Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230708	2130	7840	6942				Scheduled TTC	Validation phase	898	0	CH	6752	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230708	2230	7840	6942				Scheduled TTC	Validation phase	898	0	CH	6752	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230708	2330	7240	6342				Scheduled TTC	Validation phase	898	0	CH	6152	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230709	0730	8162	6917	- 2062	-2062	-817	Critical Branch	Validation phase	1245	0	CH	6727	Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2
20230709	0830	8162	6917	- 2062	-2062	-817	Critical Branch	Validation phase	1245	0	CH	6727	
20230709	0930	7005	6811	- 2810	-2810	-2616	Critical Branch	Validation phase	194	0	CH	6621	
20230709	1030	7005	6811	- 2810	-2810	-2616	Critical Branch	Validation phase	194	0	CH	6621	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230709	1130	7005	6811	- 2810	-2810	-2616	Critical Branch	Validation phase	194	0	CH	6621	Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-
20230709	1230	6967	6554	- 2870	-2870	-2457	Critical Branch	Validation phase	413	0	CH	6364	
20230709	1330	6967	6554	- 2870	-2870	-2457	Critical Branch	Validation phase	413	0	CH	6364	
20230709	1430	6967	6554	- 2870	-2870	-2457	Critical Branch	Validation phase	413	0	CH	6364	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230709	1530	7185	6728	- 1636	-1636	-1179	Critical Branch	Validation phase	457	0	CH	6538	Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230709	1630	7185	6728	- 1636	-1636	-1179	Critical Branch	Validation phase	457	0	CH	6538	Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230709	1730	7185	6728	- 1636	-1636	-1179	Critical Branch	Validation phase	457	0	CH	6538	Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230709	2130	8617	7144	- 2882	-2882	-1409	Critical Branch	Validation phase	1473	0	CH	6954	Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230709	2230	8617	7144	- 2882	-2882	-1409	Critical Branch	Validation phase	1473	0	CH	6954	Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230709	2330	8617	7144	- 2882	-2882	-1409	Critical Branch	Validation phase	1473	0	CH	6954	
20230710	0930	6722	6338	- 1720	-1720	-1336	Critical Branch	Validation phase	384	0	CH	6148	
20230710	1030	6722	6338	- 1720	-1720	-1336	Critical Branch	Validation phase	384	0	CH	6148	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230710	1130	6722	6338	- 1720	-1720	-1336	Critical Branch	Validation phase	384	0	CH	6148	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected
20230710	1230	5960	5792	- 1222	-1222	-1054	Critical Branch	Validation phase	168	0	CH	5602	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected
20230710	1330	5960	5792	- 1222	-1222	-1054	Critical Branch	Validation phase	168	0	CH	5602	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected
20230710	1430	5960	5792	- 1222	-1222	-1054	Critical Branch	Validation phase	168	0	CH	5602	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected
20230710	1830	8400	7602	- 1640	-1640	-842	Critical Branch	Validation phase	798	0	CH	7412	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230710	1930	8400	7602	- 1640	-1640	-842	Critical Branch	Validation phase	798	0	CH	7412	Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2
20230710	2030	8400	7602	- 1640	-1640	-842	Critical Branch	Validation phase	798	0	CH	7412	
20230710	2130	8506	6686	- 2527	-2527	-707	Critical Branch	Validation phase	1820	0	CH	6496	
20230710	2230	8506	6686	- 2527	-2527	-707	Critical Branch	Validation phase	1820	0	CH	6496	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
													Robbia-Gorlago + Robbia-S.Fiorano
20230710	2330	7906	6686	- 1920	-1920	-700	Critical Branch	Validation phase	1220	0	CH	6496	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230712	0030	7972	7437	-583	-583	-48	Critical Branch	Validation phase	535	0	IT	7247	N-2 ABV-RON 1-2 on VAL-RID (120%)
20230712	0130	7972	7437	-583	-583	-48	Critical Branch	Validation phase	535	0	IT	7247	N-2 ABV-RON 1-2 on VAL-RID (120%)
20230712	0230	7972	7437	-583	-583	-48	Critical Branch	Validation phase	535	0	IT	7247	N-2 ABV-RON 1-2 on VAL-RID (120%)
20230712	0330	8537	6020	- 5193	-5193	-2676	Critical Branch	Validation phase	2517	0	CH	5830	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230712	0430	8537	6020	- 5193	-5193	-2676	Critical Branch	Validation phase	2517	0	CH	5830	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230712	0530	8537	6020	- 5193	-5193	-2676	Critical Branch	Validation phase	2517	0	CH	5830	Expected overloading on the following CNEC:

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230712	0630	7637	6020	- 4183	-4183	-2566	Critical Branch	Validation phase	1617	0	CH	5830	CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA Expected overloading on the following CNEC:
20230712	0730	7075	6763	-898	-898	-586	Critical Branch	Validation phase	312	0	CH	6573	CNE: 380kV Pradella-Robbia , C: N-2 Divaca- Redipuglia + Divaca-Padriciano Expected overloading on the following CNEC:
20230712	0830	7075	6763	-898	-898	-586	Critical Branch	Validation phase	312	0	CH	6573	CNE: 380kV Pradella-Robbia , C: N-2 Divaca- Redipuglia + Divaca-Padriciano
20230712	1830	8481	7520	- 2388	-2388	-1427	Critical Branch	Smoothing ramp	961	0	Smoothing		
20230712	1930	8481	7604	- 2388	-2388	-1511	Critical Branch	Validation phase	877	0	CH	7414	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230712	2030	8481	7604	- 2388	-2388	-1511	Critical Branch	Validation phase	877	0	CH	7414	Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-
20230712	2130	8637	7604	- 2488	-2488	-1455	Critical Branch	Validation phase	1033	0	CH	7414	
20230712	2230	8637	7604	- 2488	-2488	-1455	Critical Branch	Validation phase	1033	0	CH	7414	
20230712	2330	8037	7604	- 1879	-1879	-1446	Critical Branch	Validation phase	433	0	CH	7414	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230713	0430	8517	7681	- 2109	-2109	-1273	Critical Branch	Validation phase	836	0	CH	7491	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230713	0530	8517	7681	- 2109	-2109	-1273	Critical Branch	Validation phase	836	0	CH	7491	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230713	0630	7617	6763	- 1043	-1043	-189	Critical Branch	Validation phase	854	0	CH	6573	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230713	0730	7684	6763	- 2144	-2144	-1223	Critical Branch	Validation phase	921	0	CH	6573	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Divaca- Redipuglia + Divaca-Padriciano
20230713	0830	7684	6763	- 2144	-2144	-1223	Critical Branch	Validation phase	921	0	CH	6573	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Divaca- Redipuglia + Divaca-Padriciano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230713	1830	8334	7290	- 2041	-2041	-997	Critical Branch	Smoothing ramp	1044	0	Smoothing		
20230713	1930	8334	7845	- 2041	-2041	-1552	Critical Branch	Validation phase	489	0	CH	7655	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230713	2030	8334	7845	- 2041	-2041	-1552	Critical Branch	Validation phase	489	0	CH	7655	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230713	2130	8005	7845	- 1571	-1571	-1411	Critical Branch	Validation phase	160	0	CH	7655	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230713	2230	8005	7845	- 1571	-1571	-1411	Critical Branch	Validation phase	160	0	CH	7655	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230714	0030	9139	8240	- 5480	-5480	-4581	Critical Branch	Validation phase	899	0	CH	8050	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA Expected overloading on the following CNEC: CNE: 380kV Fiorano
20230714	0130	9139	8240	- 5480	-5480	-4581	Critical Branch	Validation phase	899	0	CH	8050	
20230714	0230	9139	8240	- 5480	-5480	-4581	Critical Branch	Validation phase	899	0	CH	8050	
20230714	0330	9122	8220	- 2632	-2632	-1730	Critical Branch	Validation phase	902	0	CH	8030	
20230714	0430	9122	8220	- 2632	-2632	-1730	Critical Branch	Validation phase	902	0	CH	8030	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230714	0530	9122	8220	- 2632	-2632	-1730	Critical Branch	Validation phase	902	0	CH	8030	- Robbia , C: 380KV GORLAGO-ROBBIA 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 Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230714	0630	8222	7340	- 1679	-1679	-797	Critical Branch	Validation phase	882	0	CH	7150	
20230714	0730	8169	7240	- 2066	-2066	-1137	Critical Branch	Validation phase	929	0	CH	7050	
20230714	0830	7269	6940	- 1128	-1128	-799	Critical Branch	Validation phase	329	0	CH	6750	
20230714	1830	8357	7540	- 2399	-2399	-1582	Critical Branch	Smoothing ramp	817	0	Smoothing		

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230714	1930	8357	8090	- 2399	-2399	-2132	Critical Branch	Validation phase	267	0	CH	7900	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230714	2030	8357	8090	- 2399	-2399	-2132	Critical Branch	Validation phase	267	0	CH	7900	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230714	2130	8457	8090	- 2098	-2098	-1731	Critical Branch	Validation phase	367	0	CH	7900	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230714	2230	8457	8090	- 2098	-2098	-1731	Critical Branch	Validation phase	367	0	CH	7900	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230714	2330	7857	7490	- 1492	-1492	-1125	Critical Branch	Validation phase	367	0	CH	7300	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230716	1830	7771	7106	- 1896	-1896	-1231	Critical Branch	Validation phase	665	0	CH	6916	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230716	1930	7771	7106	- 1896	-1896	-1231	Critical Branch	Validation phase	665	0	CH	6916	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230716	2030	7771	7106	- 1896	-1896	-1231	Critical Branch	Validation phase	665	0	CH	6916	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230716	2130	6876	6745	- 2503	-2503	-2372	Critical Branch	Validation phase	131	0	CH	6555	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230716	2230	6876	6745	- 2503	-2503	-2372	Critical Branch	Validation phase	131	0	CH	6555	Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC:
20230716	2330	6876	6745	- 2503	-2503	-2372	Critical Branch	Validation phase	131	0	CH	6555	
20230717	1230	7883	7423	- 1780	-1780	-1320	Critical Branch	Validation phase	460	0	CH	7233	
20230717	1330	7883	7423	- 1780	-1780	-1320	Critical Branch	Validation phase	460	0	CH	7233	
20230717	1430	7883	7423	- 1780	-1780	-1320	Critical Branch	Validation phase	460	0	CH	7233	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230717	1930	8436	7515	- 6247	-6247	-5326	Critical Branch	Validation phase	921	0	CH	7325	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230717	2030	8436	7515	- 6247	-6247	-5326	Critical Branch	Validation phase	921	0	CH	7325	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230718	0030	7281	7132	-803	-803	-654	Critical Branch	Validation phase	149	0	CH	6942	Missing CNEC in CC: CNE: 380kV Fiorano - Robbia , C: N-1 PRADELLA- ROBBIA
20230718	0130	7281	7132	-803	-803	-654	Critical Branch	Validation phase	149	0	CH	6942	Missing CNEC in CC: CNE: 380kV Fiorano - Robbia , C: N-1 PRADELLA- ROBBIA
20230718	0230	7281	7132	-803	-803	-654	Critical Branch	Validation phase	149	0	CH	6942	Missing CNEC in CC: CNE: 380kV Fiorano - Robbia , C: N-1 PRADELLA- ROBBIA
20230718	1530	6840	6563	- 1827	-1827	-1550	TTC Selection - LTTC	Validation phase	277	0	CH	6373	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Mettlen ,

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230718	1630	6840	6563	- 1827	-1827	-1550	TTC Selection - LTTC	Validation phase	277	0	CH	6373	C: N-2 BONADUZ-SILS Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Mettlen , C: N-2 BONADUZ-SILS Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Mettlen , C: N-2 BONADUZ-SILS
20230718	1730	6840	6563	- 1827	-1827	-1550	TTC Selection - LTTC	Validation phase	277	0	CH	6373	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Mettlen , C: N-2 BONADUZ-SILS
20230718	1830	7463	7139	- 1943	-1943	-1619	Critical Branch	Validation phase	324	0	CH	6949	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230718	1930	7463	7139	- 1943	-1943	-1619	Critical Branch	Validation phase	324	0	CH	6949	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230718	2030	7463	7139	- 1943	-1943	-1619	Critical Branch	Validation phase	324	0	CH	6949	Expected overloading on the following CNEC:

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230718	2130	7188	7165	-1989	-1989	-1966	Critical Branch	Validation phase	23	0	CH	6975	CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA
20230718	2230	7188	7165	-1989	-1989	-1966	Critical Branch	Validation phase	23	0	CH	6975	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA
20230718	2330	6588	6565	-1383	-1383	-1360	Critical Branch	Validation phase	23	0	CH	6375	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA
20230719	0930	8090	7290				Scheduled TTC	Validation phase	800	0	CH	7100	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230719	1030	8090	7290				Scheduled TTC	Validation phase	800	0	CH	7100	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230719	1130	8090	7290				Scheduled TTC	Validation phase	800	0	CH	7100	Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230719	1230	6840	6824	- 2530	-2530	-2514	TTC Selection - LTTC	Validation phase	16	0	CH	6634	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230719	1330	6840	6824	- 2530	-2530	-2514	TTC Selection - LTTC	Validation phase	16	0	CH	6634	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230719	1430	6840	6824	- 2530	-2530	-2514	TTC Selection - LTTC	Validation phase	16	0	CH	6634	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230719	1530	6911	6664	-912	-912	-665	Critical Branch	Validation phase	247	0	CH	6474	Expected overloading on the following CNEC:

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230719	2030	7650	7152	- 1655	-1655	-1157	Critical Branch	Validation phase	498	0	CH	6962	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230719	2130	7600	7135	- 2089	-2089	-1624	Critical Branch	Validation phase	465	0	CH	6945	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230719	2230	7600	7135	- 2089	-2089	-1624	Critical Branch	Validation phase	465	0	CH	6945	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230719	2330	7000	6535	- 1484	-1484	-1019	Critical Branch	Validation phase	465	0	CH	6345	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230720	0330	8266	7069	-5564	-5564	-4367	Critical Branch	Validation phase	1197	0	CH	6879	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA
20230720	0430	8266	7069	-5564	-5564	-4367	Critical Branch	Validation phase	1197	0	CH	6879	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA
20230720	0530	8266	7069	-5564	-5564	-4367	Critical Branch	Validation phase	1197	0	CH	6879	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA
20230720	0630	8266	7069	-5564	-5564	-4367	Critical Branch	Validation phase	1197	0	CH	6879	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA
20230720	0930	7013	6554	-1888	-1888	-1429	Critical Branch	Validation phase	459	0	CH	6364	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230720	1030	7013	6554	-1888	-1888	-1429	Critical Branch	Validation phase	459	0	CH	6364	Expected overloading on the following CNEC:

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230720	1530	8090	6611				Scheduled TTC	Validation phase	1479	0	CH	6421	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected
20230720	1630	8090	6611				Scheduled TTC	Validation phase	1479	0	CH	6421	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected
20230720	1730	8090	6611				Scheduled TTC	Validation phase	1479	0	CH	6421	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected
20230720	1830	7718	7112	- 2517	-2517	-1911	Critical Branch	Validation phase	606	0	CH	6922	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA Expected
20230720	1930	7718	7112	- 2517	-2517	-1911	Critical Branch	Validation phase	606	0	CH	6922	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230720	2030	7718	7112	- 2517	-2517	-1911	Critical Branch	Validation phase	606	0	CH	6922	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA
20230720	2130	7606	7201	- 2976	-2976	-2571	Critical Branch	Validation phase	405	0	CH	7011	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 SOAZZA- BULCIAGO
20230720	2230	7606	7201	- 2976	-2976	-2571	Critical Branch	Validation phase	405	0	CH	7011	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 SOAZZA- BULCIAGO
20230720	2330	7006	6601	- 2369	-2369	-1964	Critical Branch	Validation phase	405	0	CH	6411	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 SOAZZA- BULCIAGO
20230721	0030	8432	7289	- 2576	-2576	-1433	Critical Branch	Validation phase	1143	0	CH	7099	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230721	0130	8432	7289	- 2576	-2576	-1433	Critical Branch	Validation phase	1143	0	CH	7099	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230721	0230	8432	7289	- 2576	-2576	-1433	Critical Branch	Validation phase	1143	0	CH	7099	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230721	0730	7187	7038	- 2126	-2126	-1977	Critical Branch	Validation phase	149	0	CH	6848	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago
20230721	0830	7187	7038	- 2126	-2126	-1977	Critical Branch	Validation phase	149	0	CH	6848	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago
20230721	0930	7263	6865	- 2516	-2516	-2118	Critical Branch	Validation phase	398	0	CH	6675	Expected overloading on the following CNEC: CNE: 380kV Sils -

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230721	1030	7263	6865	- 2516	-2516	-2118	Critical Branch	Validation phase	398	0	CH	6675	Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230721	1130	7263	6865	- 2516	-2516	-2118	Critical Branch	Validation phase	398	0	CH	6675	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230721	1230	6849	6799	- 2315	-2315	-2265	Critical Branch	Validation phase	50	0	CH	6609	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230721	1330	6849	6799	- 2315	-2315	-2265	Critical Branch	Validation phase	50	0	CH	6609	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230721	1430	6849	6799	- 2315	-2315	-2265	Critical Branch	Validation phase	50	0	CH	6609	Expected overloading on the following CNEC:

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230721	2230	6980	6657	- 1494	-1494	-1171	Critical Branch	Validation phase	323	0	CH	6467	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230721	2330	6380	6057	-888	-888	-565	Critical Branch	Validation phase	323	0	CH	5867	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230722	0030	8653	7722	- 4045	-4045	-3114	Critical Branch	Validation phase	931	0	CH	7532	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230722	0130	8653	7722	- 4045	-4045	-3114	Critical Branch	Validation phase	931	0	CH	7532	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230722	0230	8653	7722	- 4045	-4045	-3114	Critical Branch	Validation phase	931	0	CH	7532	Expected overloading on the following CNEC: CNE: 380kV Sils -

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230722	0330	8317	7948	- 3593	-3593	-3224	Critical Branch	Validation phase	369	0	CH	7758	Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230722	0430	8317	7948	- 3593	-3593	-3224	Critical Branch	Validation phase	369	0	CH	7758	Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230722	0530	8317	7948	- 3593	-3593	-3224	Critical Branch	Validation phase	369	0	CH	7758	Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230722	0630	8317	7948	- 3593	-3593	-3224	Critical Branch	Validation phase	369	0	CH	7758	Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230722	0930	7622	7251	- 3071	-3071	-2700	Critical Branch	Validation phase	371	0	CH	7061	Expected overloading on the following CNEC:

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230722	1030	7622	7251	- 3071	-3071	-2700	Critical Branch	Validation phase	371	0	CH	7061	CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC:
20230722	1130	7622	7251	- 3071	-3071	-2700	Critical Branch	Validation phase	371	0	CH	7061	CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC:
20230722	1230	6840	6042	- 1992	-1992	-1194	TTC Selection - LTTC	Validation phase	798	0	CH	5852	CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC:
20230722	1330	6840	6042	- 1992	-1992	-1194	TTC Selection - LTTC	Validation phase	798	0	CH	5852	CNE: 380kV Lavorgo -

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230722	1830	8502	7851	- 2158	-2158	-1507	Critical Branch	Validation phase	651	0	CH	7661	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 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
20230722	1930	8502	7851	- 2158	-2158	-1507	Critical Branch	Validation phase	651	0	CH	7661	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 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
20230722	2030	8502	7851	- 2158	-2158	-1507	Critical Branch	Validation phase	651	0	CH	7661	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 Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2
20230723	0030	8273	7480	- 2098	-2098	-1305	Critical Branch	Validation phase	793	0	CH	7290	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 Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230723	0130	8273	7480	- 2098	-2098	-1305	Critical Branch	Validation phase	793	0	CH	7290	Robbia-Gorlago + Robbia-S.Fiorano
20230723	0230	8273	7480	- 2098	-2098	-1305	Critical Branch	Validation phase	793	0	CH	7290	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230723	0630	7272	6666	- 2225	-2225	-1619	Critical Branch	Smoothing ramp	606	0	Smoothing		Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230723	0730	5340	5166	- 1612	-1612	-1438	TTC Selection - LTTC	Validation phase	174	0	CH	4976	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230723	0830	5340	5166	- 1612	-1612	-1438	TTC Selection - LTTC	Validation phase	174	0	CH	4976	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230723	0930	5340	5184	- 3316	-3316	-3160	TTC Selection - LTTC	Validation phase	156	0	CH	4994	Divaca-Redipuglia + Divaca-Padriciano Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS-SOAZZA
20230723	1030	5340	5184	- 3316	-3316	-3160	TTC Selection - LTTC	Validation phase	156	0	CH	4994	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS-SOAZZA
20230723	1130	5340	5184	- 3316	-3316	-3160	TTC Selection - LTTC	Validation phase	156	0	CH	4994	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS-SOAZZA
20230723	1230	5340	5139	- 3404	-3404	-3203	TTC Selection - LTTC	Validation phase	201	0	CH	4949	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS-SOAZZA
20230723	1330	5340	5139	- 3404	-3404	-3203	TTC Selection - LTTC	Validation phase	201	0	CH	4949	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS-SOAZZA

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230723	1430	5340	5139	- 3404	-3404	-3203	TTC Selection - LTTC	Validation phase	201	0	CH	4949	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS-SOAZZA
20230723	1530	5340	5193	- 2614	-2614	-2467	TTC Selection - LTTC	Validation phase	147	0	CH	5003	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS-SOAZZA
20230723	1630	5340	5193	- 2614	-2614	-2467	TTC Selection - LTTC	Validation phase	147	0	CH	5003	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS-SOAZZA
20230723	1730	6140	5993	- 3446	-3446	-3299	TTC Selection - LTTC	Validation phase	147	0	CH	5803	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS-SOAZZA
20230723	1830	7726	7390	- 1953	-1953	-1617	Critical Branch	Validation phase	336	0	CH	7200	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230723	1930	7726	7390	- 1953	-1953	-1617	Critical Branch	Validation phase	336	0	CH	7200	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230723	2030	7726	7390	- 1953	-1953	-1617	Critical Branch	Validation phase	336	0	CH	7200	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230723	2130	6939	6750	- 1576	-1576	-1387	Critical Branch	Validation phase	189	0	CH	6560	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230723	2230	6939	6750	- 1576	-1576	-1387	Critical Branch	Validation phase	189	0	CH	6560	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230723	2330	6939	6750	- 1576	-1576	-1387	Critical Branch	Validation phase	189	0	CH	6560	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230724	0030	7959	7245	- 2116	-2116	-1402	Critical Branch	Validation phase	714	0	CH	7055	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230724	0130	7959	7245	- 2116	-2116	-1402	Critical Branch	Validation phase	714	0	CH	7055	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230724	0230	7959	7245	- 2116	-2116	-1402	Critical Branch	Validation phase	714	0	CH	7055	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230724	0330	8105	8065	- 2094	-2094	-2054	Critical Branch	Validation phase	40	0	CH	7875	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230724	0430	8105	8065	- 2094	-2094	-2054	Critical Branch	Validation phase	40	0	CH	7875	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230724	0530	8105	8065	- 2094	-2094	-2054	Critical Branch	Validation phase	40	0	CH	7875	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230724	0630	8105	8065	- 2094	-2094	-2054	Critical Branch	Validation phase	40	0	CH	7875	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230724	1230	6540	6311	- 1627	-1627	-1398	TTC Selection - LTTC	Validation phase	229	0	CH	6121	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230724	1330	6540	6311	- 1627	-1627	-1398	TTC Selection - LTTC	Validation phase	229	0	CH	6121	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230724	1430	6540	6311	- 1627	-1627	-1398	TTC Selection - LTTC	Validation phase	229	0	CH	6121	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230724	1830	6540	6424	- 1187	-1187	-1071	TTC Selection - LTTC	Validation phase	116	0	CH	6234	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230724	1930	6540	6424	- 1187	-1187	-1071	TTC Selection - LTTC	Validation phase	116	0	CH	6234	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230724	2030	6540	6424	- 1187	-1187	-1071	TTC Selection - LTTC	Validation phase	116	0	CH	6234	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230724	2130	6921	6467	- 1155	-1155	-701	Critical Branch	Validation phase	454	0	CH	6277	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230724	2230	6921	6467	- 1155	-1155	-701	Critical Branch	Validation phase	454	0	CH	6277	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230724	2330	6321	5867	-549	-549	-95	Critical Branch	Validation phase	454	0	CH	5677	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230725	1830	7797	7369	- 1991	-1991	-1563	Critical Branch	Validation phase	428	0	CH	7179	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230725	1930	7797	7369	- 1991	-1991	-1563	Critical Branch	Validation phase	428	0	CH	7179	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230725	2030	7797	7369	- 1991	-1991	-1563	Critical Branch	Validation phase	428	0	CH	7179	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230725	2130	7794	6973	- 1571	-1571	-750	Critical Branch	Validation phase	821	0	CH	6783	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230725	2230	7794	6973	- 1571	-1571	-750	Critical Branch	Validation phase	821	0	CH	6783	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230725	2330	7194	6373	-961	-961	-140	Critical Branch	Validation phase	821	0	CH	6183	Expected overloading on the following CNEC: CNE: 220kV Riddes

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230726	0930	7812	7331	-705	-705	-224	Critical Branch	Validation phase	481	0	CH	7141	- Valpelline , C: N-2 ALBERTVILLE- RONDISSONE Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC:
20230726	1030	7812	7331	-705	-705	-224	Critical Branch	Validation phase	481	0	CH	7141	
20230726	1130	7812	7331	-705	-705	-224	Critical Branch	Validation phase	481	0	CH	7141	
20230726	1230	7508	6981	-983	-983	-456	Critical Branch	Validation phase	527	0	CH	6791	
20230726	1330	7508	6981	-983	-983	-456	Critical Branch	Validation phase	527	0	CH	6791	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230726	1830	8228	7285	- 7121	-7121	-6178	Critical Branch	Validation phase	943	0	CH	7095	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230726	1930	8228	7285	- 7121	-7121	-6178	Critical Branch	Validation phase	943	0	CH	7095	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230726	2030	8228	7285	- 7121	-7121	-6178	Critical Branch	Validation phase	943	0	CH	7095	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230729	0230	8392	7540	- 4967	-4967	-4117	Critical Branch	Smoothing ramp	852	0	Smoothing		
20230729	1530	7636	6926	-952	-952	-242	Critical Branch	Validation phase	710	0	CH	6736	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Mettlen , C: N-2 BONADUZ- SILS
20230729	1630	7636	6926	-952	-952	-242	Critical Branch	Validation phase	710	0	CH	6736	Expected overloading on the following CNEC: CNE: 380kV

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230729	1730	7936	6926	- 1284	-1284	-274	Critical Branch	Validation phase	1010	0	CH	6736	Lavorgo - Mettlen , C: N-2 BONADUZ- SILS Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Mettlen , C: N-2 BONADUZ- SILS Expected overloading on the following CNEC: CNE: 380kV
20230729	1830	7949	7020	- 1841	-1841	-912	Critical Branch	Validation phase	929	0	CH	6830	Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV
20230729	1930	7949	7020	- 1841	-1841	-912	Critical Branch	Validation phase	929	0	CH	6830	Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV
20230729	2030	7949	7020	- 1841	-1841	-912	Critical Branch	Validation phase	929	0	CH	6830	Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230729	2130	8090	7020				Scheduled TTC	Validation phase	1070	0	CH	6830	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230729	2230	8090	7020				Scheduled TTC	Validation phase	1070	0	CH	6830	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230730	0030	7471	7139	- 3102	-3102	-2770	Critical Branch	Validation phase	332	0	CH	6949	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230730	0130	7471	7139	- 3102	-3102	-2770	Critical Branch	Validation phase	332	0	CH	6949	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230730	0230	7471	7139	- 3102	-3102	-2770	Critical Branch	Validation phase	332	0	CH	6949	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230730	0930	6240	6116	- 2426	-2426	-2302	TTC Selection - LTTC	Validation phase	124	0	CH	5926	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230730	1030	6240	6116	- 2426	-2426	-2302	TTC Selection - LTTC	Validation phase	124	0	CH	5926	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230730	1130	6240	6116	- 2426	-2426	-2302	TTC Selection - LTTC	Validation phase	124	0	CH	5926	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230730	1530	6560	6072	- 1443	-1443	-955	Critical Branch	Validation phase	488	0	CH	5882	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230730	1630	6560	6072	- 1443	-1443	-955	Critical Branch	Validation phase	488	0	CH	5882	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230730	1730	6560	6072	- 1443	-1443	-955	Critical Branch	Validation phase	488	0	CH	5882	Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia 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: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE
20230731	1530	7185	6995	- 3509	-3509	-3319	Critical Branch	Validation phase	190	0	CH	6805	
20230731	1630	7185	6995	- 3509	-3509	-3319	Critical Branch	Validation phase	190	0	CH	6805	
20230731	1730	7185	6995	- 3509	-3509	-3319	Critical Branch	Validation phase	190	0	CH	6805	

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

		TTC			ANTC			LimitedBy		Validation					
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason	
20230701	0030	7892	7062	205	- 1427	-1427	-604	Critical Branch	Validation phase	830	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border	
20230701	0130	7892	7062	205	- 1427	-1427	-604	Critical Branch	Validation phase	830	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border	
20230701	0230	7892	7062	205	- 1427	-1427	-604	Critical Branch	Validation phase	830	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border	
20230701	0730	7115	7113	215	- 1900	-1900	-1899	Critical Branch	Critical Branch	2	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border	
20230701	0830	6815	6812	215	- 1637	-1637	-1635	Critical Branch	Critical Branch	3	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border	
20230709	0030	8614	7529	205	- 1776	-1776	-692	Critical Branch	Validation phase	1085	0	AT	205	Bilateral - Reduction because outage of line 912	
20230709	0130	8614	7529	205	- 1776	-1776	-692	Critical Branch	Validation phase	1085	0	AT	205	Bilateral - Reduction because outage of line 912	
20230709	0230	8614	7529	205	- 1776	-1776	-692	Critical Branch	Validation phase	1085	0	AT	205	Bilateral - Reduction because outage of line 912	
20230709	0330	8688	7349	205	- 2393	-2393	-1054	Critical Branch	Validation phase	1339	0	AT	205	Bilateral - Reduction because outage of line 912	
20230709	0430	8688	7349	205	- 2393	-2393	-1054	Critical Branch	Validation phase	1339	0	AT	205	Bilateral - Reduction because outage of line 912	

TTC					ANTC			LimitedBy		Validation					
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason	
20230709	0530	8688	7349	205	- 2393	-2393	-1054	Critical Branch	Validation phase	1339	0	AT	205	Bilateral - Reduction because outage of line 912	
20230709	0630	8688	7349	205	- 2393	-2393	-1054	Critical Branch	Validation phase	1339	0	AT	205	Bilateral - Reduction because outage of line 912	
20230709	1830	8062	7773	205	- 1494	-1494	-1207	Critical Branch	Validation phase	289	0	AT	205	Bilateral - Reduction because outage of line 912	
20230709	1930	8062	7773	205	- 1494	-1494	-1207	Critical Branch	Validation phase	289	0	AT	205	Bilateral - Reduction because outage of line 912	
20230709	2030	8062	7773	205	- 1494	-1494	-1207	Critical Branch	Validation phase	289	0	AT	205	Bilateral - Reduction because outage of line 912	
20230710	0030	8896	7942	205	- 1492	-1492	-539	Critical Branch	Validation phase	954	0	AT	205	Bilateral - Reduction because outage of line 912	
20230710	0130	8896	7942	205	- 1492	-1492	-539	Critical Branch	Validation phase	954	0	AT	205	Bilateral - Reduction because outage of line 912	
20230710	0230	8896	7942	205	- 1492	-1492	-539	Critical Branch	Validation phase	954	0	AT	205	Bilateral - Reduction because outage of line 912	
20230710	0730	8318	7417	215	- 4937	-4937	-4038	Critical Branch	Validation phase	901	0	AT	215	Bilateral - Reduction because outage of line 912	
20230710	0830	8168	7266	215	- 4775	-4775	-3876	Critical Branch	Validation phase	902	0	AT	215	Bilateral - Reduction because outage of line 912	
20230719	0030	7861	7707	205	-535	-535	-383	Critical Branch	Validation phase	154	0	AT	205	Bilateral - Reduction because of the disruption of the line 267C and 268	
20230719	0130	7861	7707	205	-535	-535	-383	Critical Branch	Validation phase	154	0	AT	205	Bilateral - Reduction because of the disruption of the line 267C and 268	
20230719	0230	7861	7707	205	-535	-535	-383	Critical Branch	Validation phase	154	0	AT	205	Bilateral - Reduction because of the disruption of the line 267C and 268	

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230725	1530	8581	8185	215	- 2458	-2458	-2063	Critical Branch	Validation phase	396	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230725	1630	8581	8185	215	- 2458	-2458	-2063	Critical Branch	Validation phase	396	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230725	1730	8581	8185	215	- 2458	-2458	-2063	Critical Branch	Validation phase	396	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230726	0030	7761	7394	205	- 4178	-4178	-3812	Critical Branch	Validation phase	367	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230726	0130	7761	7394	205	- 4178	-4178	-3812	Critical Branch	Validation phase	367	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230726	0230	7761	7394	205	- 4178	-4178	-3812	Critical Branch	Validation phase	367	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230729	0030	8392	7550	205	- 4967	-4967	-4127	Critical Branch	Validation phase	842	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230729	0130	8392	7550	205	- 4967	-4967	-4127	Critical Branch	Validation phase	842	0	AT	205	Bilateral - Reduction because of the disruption of the line 912

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

		TTC		ANTC		LimitedBy		Validation					
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230802	0730	6868	6438	- 1707	-1707	-1277	Critical Branch	Validation phase	430	0	CH	6248	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES Expected overloading on the following CNEC: CNE: 220kV Riddes
20230802	0830	6868	6438	- 1707	-1707	-1277	Critical Branch	Validation phase	430	0	CH	6248	
20230802	0930	7560	6126	- 1993	-1993	-559	Critical Branch	Validation phase	1434	0	CH	5936	
20230802	1030	7560	6126	- 1993	-1993	-559	Critical Branch	Validation phase	1434	0	CH	5936	
20230802	1130	7560	6126	- 1993	-1993	-559	Critical Branch	Validation phase	1434	0	CH	5936	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230802	1230	7367	6307	- 2333	-2333	-1273	Critical Branch	Validation phase	1060	0	CH	6117	- Valpelline , C: N-1 AVISE-RIDDES Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2
20230802	1330	7367	6307	- 2333	-2333	-1273	Critical Branch	Validation phase	1060	0	CH	6117	
20230802	1430	7367	6307	- 2333	-2333	-1273	Critical Branch	Validation phase	1060	0	CH	6117	
20230803	0730	5756	5567	-487	-487	-298	TTC Selection - LTTC	Validation phase	189	0	CH	5377	
20230803	0830	5756	5567	-487	-487	-298	TTC Selection - LTTC	Validation phase	189	0	CH	5377	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230803	1230	6763	6187	- 1153	-1153	-577	Critical Branch	Validation phase	576	0	CH	5997	Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230803	1330	6763	6187	- 1153	-1153	-577	Critical Branch	Validation phase	576	0	CH	5997	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230803	1430	6763	6187	- 1153	-1153	-577	Critical Branch	Validation phase	576	0	CH	5997	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230803	1530	6577	6226	-434	-434	-83	Critical Branch	Validation phase	351	0	CH	6036	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230803	1630	6577	6226	-434	-434	-83	Critical Branch	Validation phase	351	0	CH	6036	Expected overloading on the following CNEC:

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230803	1730	6827	6476	-678	-678	-327	Critical Branch	Validation phase	351	0	CH	6286	CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia
20230804	0930	5806	5327	-553	-553	-74	TTC Selection - LTTC	Validation phase	479	0	CH	5137	CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia
20230804	1030	5806	5327	-553	-553	-74	TTC Selection - LTTC	Validation phase	479	0	CH	5137	CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia
20230804	1130	5806	5327	-553	-553	-74	TTC Selection - LTTC	Validation phase	479	0	CH	5137	CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230804	1230	6056	5800	- 1474	-1474	-1218	TTC Selection - LTTC	Validation phase	256	0	CH	5610	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia
20230804	1330	6056	5800	- 1474	-1474	-1218	TTC Selection - LTTC	Validation phase	256	0	CH	5610	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia
20230804	1430	6056	5800	- 1474	-1474	-1218	TTC Selection - LTTC	Validation phase	256	0	CH	5610	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia
20230804	1730	6256	6060	-321	-321	-125	TTC Selection - LTTC	Validation phase	196	0	CH	5870	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia
20230805	0030	7563	6262	- 2432	-2432	-1131	Critical Branch	Validation phase	1301	0	CH	6072	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230805	0130	7563	6262	- 2432	-2432	-1131	Critical Branch	Validation phase	1301	0	CH	6072	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230805	0230	7563	6262	- 2432	-2432	-1131	Critical Branch	Validation phase	1301	0	CH	6072	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230805	0330	8261	6950	- 1776	-1776	-465	Critical Branch	Validation phase	1311	0	CH	6760	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230805	0430	8261	6950	- 1776	-1776	-465	Critical Branch	Validation phase	1311	0	CH	6760	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230805	0530	8261	6950	- 1776	-1776	-465	Critical Branch	Validation phase	1311	0	CH	6760	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230805	0630	8261	6950	- 1776	-1776	-465	Critical Branch	Validation phase	1311	0	CH	6760	Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2
20230805	1830	7278	6319	- 2392	-2392	-1433	Critical Branch	Validation phase	959	0	CH	6129	
20230805	1930	7278	6319	- 2392	-2392	-1433	Critical Branch	Validation phase	959	0	CH	6129	
20230805	2030	7278	6319	- 2392	-2392	-1433	Critical Branch	Validation phase	959	0	CH	6129	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230805	2130	7443	5953	- 2653	-2653	-1163	Critical Branch	Validation phase	1490	0	CH	5763	Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230805	2230	7443	5953	- 2653	-2653	-1163	Critical Branch	Validation phase	1490	0	CH	5763	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230805	2330	6883	5393	- 2089	-2089	-599	Critical Branch	Validation phase	1490	0	CH	5203	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia- S.Fiorano
20230808	0030	5096	4496	- 3326	-3326	-2726	TTC Selection - LTTC	Validation phase	600	0	IT	4306	HVDC FIL 1 not available due to a fault

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230808	0130	5096	4496	- 3326	-3326	-2726	TTC Selection - LTTC	Validation phase	600	0	IT	4306	HVDC FIL 1 not available due to a fault
20230808	0230	5096	4496	- 3326	-3326	-2726	TTC Selection - LTTC	Validation phase	600	0	IT	4306	HVDC FIL 1 not available due to a fault
20230808	0330	5096	4496	- 2408	-2408	-1808	TTC Selection - LTTC	Validation phase	600	0	IT	4306	HVDC FIL 1 not available due to a fault
20230808	0430	5096	4496	- 2408	-2408	-1808	TTC Selection - LTTC	Validation phase	600	0	IT	4306	HVDC FIL 1 not available due to a fault
20230808	0530	5096	4496	- 2408	-2408	-1808	TTC Selection - LTTC	Validation phase	600	0	IT	4306	HVDC FIL 1 not available due to a fault
20230808	0630	5096	4496	- 2408	-2408	-1808	TTC Selection - LTTC	Validation phase	600	0	IT	4306	HVDC FIL 1 not available due to a fault
20230809	0730	4906	4434	- 1759	-1759	-1287	TTC Selection - LTTC	Validation phase	472	0	CH	4244	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-
20230809	0830	4906	4434	- 1759	-1759	-1287	TTC Selection - LTTC	Validation phase	472	0	CH	4244	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230809	0930	4906	4606	-977	-977	-677	TTC Selection - LTTC	Validation phase	300	0	CH	4416	Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230809	1030	4906	4606	-977	-977	-677	TTC Selection - LTTC	Validation phase	300	0	CH	4416	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230809	1130	4906	4606	-977	-977	-677	TTC Selection - LTTC	Validation phase	300	0	CH	4416	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230809	1230	4906	4492	-759	-759	-345	TTC Selection - LTTC	Validation phase	414	0	CH	4302	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230809	1330	4906	4492	-759	-759	-345	TTC Selection - LTTC	Validation phase	414	0	CH	4302	Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230809	1430	4906	4492	-759	-759	-345	TTC Selection - LTTC	Validation phase	414	0	CH	4302	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230809	1530	4906	4541	-681	-681	-316	TTC Selection - LTTC	Validation phase	365	0	CH	4351	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230809	1630	4906	4541	-681	-681	-316	TTC Selection - LTTC	Validation phase	365	0	CH	4351	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230809	1730	4956	4591	-734	-734	-369	TTC Selection - LTTC	Validation phase	365	0	CH	4401	Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230809	1830	4956	4543	- 1886	-1886	-1473	TTC Selection - LTTC	Validation phase	413	0	CH	4353	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia
20230809	1930	5490	5077	- 2492	-2492	-2079	TTC Selection - LTTC	Validation phase	413	0	CH	4887	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia
20230809	2030	5490	5077	- 2492	-2492	-2079	TTC Selection - LTTC	Validation phase	413	0	CH	4887	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230810	0930	5085	4615	- 1176	-1176	-706	Critical Branch	Validation phase	470	0	CH	4425	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230810	1030	5085	4615	- 1176	-1176	-706	Critical Branch	Validation phase	470	0	CH	4425	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230810	1130	5085	4615	- 1176	-1176	-706	Critical Branch	Validation phase	470	0	CH	4425	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230810	1230	5053	4560	-829	-829	-336	Critical Branch	Validation phase	493	0	CH	4370	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230810	1330	5053	4560	-829	-829	-336	Critical Branch	Validation phase	493	0	CH	4370	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230810	1430	5053	4560	-829	-829	-336	Critical Branch	Validation phase	493	0	CH	4370	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230810	1530	5369	4888	-886	-886	-405	Critical Branch	Validation phase	481	0	CH	4698	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230810	1630	5369	4888	-886	-886	-405	Critical Branch	Validation phase	481	0	CH	4698	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230810	1730	5419	4938	-939	-939	-458	Critical Branch	Validation phase	481	0	CH	4748	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia
20230810	1830	5665	5095	- 3323	-3323	-2753	Critical Branch	Validation phase	570	0	CH	4905	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230810	1930	6199	5629	- 3778	-3778	-3208	Critical Branch	Validation phase	570	0	CH	5439	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230810	2030	6199	5629	- 3778	-3778	-3208	Critical Branch	Validation phase	570	0	CH	5439	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230813	0730	5907	5308	-646	-646	-47	Critical Branch	Validation phase	599	0	CH	5118	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230813	0830	5907	5308	-646	-646	-47	Critical Branch	Validation phase	599	0	CH	5118	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230816	0330	6216	6003	- 5686	-5686	-5473	Critical Branch	Validation phase	213	0	CH	5813	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230816	0430	6216	6003	- 5686	-5686	-5473	Critical Branch	Validation phase	213	0	CH	5813	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230816	0530	6216	6003	- 5686	-5686	-5473	Critical Branch	Validation phase	213	0	CH	5813	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230816	0630	6216	6003	- 5686	-5686	-5473	Critical Branch	Validation phase	213	0	CH	5813	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230816	0730	5970	5457	- 1752	-1752	-1239	Critical Branch	Validation phase	513	0	CH	5267	Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano
20230816	0830	5970	5457	- 1752	-1752	-1239	Critical Branch	Validation phase	513	0	CH	5267	Missing CNEC in CC: CNE: 220kV Avise - Riddes , C: N-2 Pradella-Robbia + Filisur-Robbia
20230816	0930	5952	5099	- 3376	-3376	-2523	Critical Branch	Validation phase	853	0	CH	4909	Missing CNEC in CC: CNE: 220kV Avise - Riddes , C: N-2 Pradella-Robbia + Filisur-Robbia
20230816	1030	5952	5099	- 3376	-3376	-2523	Critical Branch	Validation phase	853	0	CH	4909	Missing CNEC in CC: CNE: 220kV Avise - Riddes , C: N-2 Pradella-Robbia + Filisur-Robbia
20230816	1130	5952	5099	- 3376	-3376	-2523	Critical Branch	Validation phase	853	0	CH	4909	Missing CNEC in CC: CNE: 220kV Avise - Riddes , C:

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230816	1230	5325	5026	- 3221	-3221	-2922	Critical Branch	Validation phase	299	0	CH	4836	N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-1 VILLARODIN- VENAUS
20230816	1330	5325	5026	- 3221	-3221	-2922	Critical Branch	Validation phase	299	0	CH	4836	
20230816	1430	5325	5026	- 3221	-3221	-2922	Critical Branch	Validation phase	299	0	CH	4836	
20230816	1830	5185	5102	-860	-860	-777	TTC Selection - LTTC	Validation phase	83	0	CH	4912	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230816	1930	5185	5102	-860	-860	-777	TTC Selection - LTTC	Validation phase	83	0	CH	4912	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-1 VILLARODIN- VENAUS
20230816	2030	5185	5102	-860	-860	-777	TTC Selection - LTTC	Validation phase	83	0	CH	4912	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-1 VILLARODIN- VENAUS
20230816	2130	5669	5330	-856	-856	-517	Critical Branch	Validation phase	339	0	CH	5140	Missing CNEC in CC: CNE: 220kV Avise - Riddes , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano
20230816	2230	5669	5330	-856	-856	-517	Critical Branch	Validation phase	339	0	CH	5140	Missing CNEC in CC: CNE: 220kV Avise - Riddes , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano
20230817	1530	6152	5970	-1085	-1085	-903	Critical Branch	Validation phase	182	0	CH	5780	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230817	1630	6152	5970	- 1085	-1085	-903	Critical Branch	Validation phase	182	0	CH	5780	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230817	1730	6152	5970	- 1085	-1085	-903	Critical Branch	Validation phase	182	0	CH	5780	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230817	1830	6415	6116	-896	-896	-597	Critical Branch	Validation phase	299	0	CH	5926	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230817	1930	6415	6116	-896	-896	-597	Critical Branch	Validation phase	299	0	CH	5926	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230817	2030	6415	6116	-896	-896	-597	Critical Branch	Validation phase	299	0	CH	5926	Expected overloading on the following CNEC: CNE: 380kV

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230817	2130	6165	5783	- 2667	-2667	-2285	Critical Branch	Validation phase	382	0	CH	5593	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
20230817	2230	6165	5783	- 2667	-2667	-2285	Critical Branch	Validation phase	382	0	CH	5593	Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV
20230817	2330	5575	5193	- 2060	-2060	-1678	Critical Branch	Validation phase	382	0	CH	5003	Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV
20230819	1530	6579	6405	-964	-964	-790	Critical Branch	Validation phase	174	0	CH	6215	Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230819	1630	6579	6405	-964	-964	-790	Critical Branch	Validation phase	174	0	CH	6215	Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230819	1730	7479	6790	- 1953	-1953	-1264	Critical Branch	Validation phase	689	0	IT	6600	MNII calculated by Coreso Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230821	0030	7253	6118	- 1544	-1544	-409	Critical Branch	Validation phase	1135	0	CH	5928	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230821	0130	7253	6118	- 1544	-1544	-409	Critical Branch	Validation phase	1135	0	CH	5928	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230821	0230	7253	6118	- 1544	-1544	-409	Critical Branch	Validation phase	1135	0	CH	5928	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230821	0730	5826	5325	- 3389	-3389	-2888	Critical Branch	Validation phase	501	0	CH	5135	Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C:
20230821	0830	5826	5325	- 3389	-3389	-2888	Critical Branch	Validation phase	501	0	CH	5135	
20230821	1230	5548	5297	-383	-383	-132	Critical Branch	Validation phase	251	0	CH	5107	
20230821	1330	5548	5297	-383	-383	-132	Critical Branch	Validation phase	251	0	CH	5107	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230821	1430	5548	5297	-383	-383	-132	Critical Branch	Validation phase	251	0	CH	5107	N-2 Pradella-Sils + Filisur-Robbia
20230822	0030	4428	4056	-835	-835	-463	Critical Branch	Validation phase	372	0	CH	3866	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia Missing CNEC in CC: CNE: 220kV Avisé - Riddes , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Missing CNEC in CC: CNE: 220kV Avisé - Riddes , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Missing CNEC in CC: CNE: 220kV Avisé - Riddes , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2
20230822	0130	4428	4056	-835	-835	-463	Critical Branch	Validation phase	372	0	CH	3866	
20230822	0230	4428	4056	-835	-835	-463	Critical Branch	Validation phase	372	0	CH	3866	
20230822	0330	4621	4517	-725	-725	-621	Critical Branch	Validation phase	104	0	CH	4327	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230822	0430	4621	4517	-725	-725	-621	Critical Branch	Validation phase	104	0	CH	4327	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
20230822	0530	4621	4517	-725	-725	-621	Critical Branch	Validation phase	104	0	CH	4327	Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230822	0630	4621	4198	-725	-725	-302	Critical Branch	Smoothing ramp	423	0	Smoothing		
20230822	0730	4192	2698	- 3327	-3327	-1833	Critical Branch	Validation phase	1494	0	CH	2508	Missing CNEC in CC: CNE: 220kV Avisé - Riddes , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Missing CNEC in CC: CNE: 220kV Avisé - Riddes , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago
20230822	0830	4192	2698	- 3327	-3327	-1833	Critical Branch	Validation phase	1494	0	CH	2508	Missing CNEC in CC: CNE: 220kV Avisé - Riddes , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230822	0930	4646	3816	- 1381	-1381	-551	Critical Branch	Validation phase	830	0	CH	3626	Missing CNEC in CC: CNE: 220kV Avisse - Riddes , C: N-2 Pradella-Robbia + Filisur-Robbia
20230822	1030	4646	3816	- 1381	-1381	-551	Critical Branch	Validation phase	830	0	CH	3626	Missing CNEC in CC: CNE: 220kV Avisse - Riddes , C: N-2 Pradella-Robbia + Filisur-Robbia
20230822	1130	4646	3816	- 1381	-1381	-551	Critical Branch	Validation phase	830	0	CH	3626	Missing CNEC in CC: CNE: 220kV Avisse - Riddes , C: N-2 Pradella-Robbia + Filisur-Robbia
20230822	1230	4609	3856	- 1973	-1973	-1220	Critical Branch	Validation phase	753	0	CH	3666	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230822	1330	4609	3856	- 1973	-1973	-1220	Critical Branch	Validation phase	753	0	CH	3666	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230822	1430	4609	3856	- 1973	-1973	-1220	Critical Branch	Validation phase	753	0	CH	3666	Expected overloading on the following CNEC:

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230822	1530	4828	3889	- 2593	-2593	-1654	Critical Branch	Validation phase	939	0	CH	3699	CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia Missing CNEC in CC: CNE: 220kV Avise - Riddes , C: N-2 Pradella-Robbia + Filisur-Robbia Missing CNEC in CC: CNE: 220kV Avise - Riddes , C: N-2 Pradella-Robbia + Filisur-Robbia Missing CNEC in CC: CNE: 220kV Avise - Riddes , C: N-2 Pradella-Robbia + Filisur-Robbia
20230822	1630	4828	3889	- 2593	-2593	-1654	Critical Branch	Validation phase	939	0	CH	3699	CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia Missing CNEC in CC: CNE: 220kV Avise - Riddes , C: N-2 Pradella-Robbia + Filisur-Robbia Missing CNEC in CC: CNE: 220kV Avise - Riddes , C: N-2 Pradella-Robbia + Filisur-Robbia
20230822	1730	4828	3889	- 2593	-2593	-1654	Critical Branch	Validation phase	939	0	CH	3699	CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia Missing CNEC in CC: CNE: 220kV Avise - Riddes , C: N-2 Pradella-Robbia + Filisur-Robbia
20230822	1830	6134	5389	- 1715	-1715	-971	Critical Branch	Smoothing ramp	745	0	Smoothing		
20230823	0030	5851	5448	- 1151	-1151	-748	Critical Branch	Validation phase	403	0	CH	5258	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230823	0130	5851	5448	- 1151	-1151	-748	Critical Branch	Validation phase	403	0	CH	5258	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago
20230823	0230	5851	5448	- 1151	-1151	-748	Critical Branch	Validation phase	403	0	CH	5258	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago
20230823	0330	6073	5781	-688	-688	-396	Critical Branch	Validation phase	292	0	CH	5591	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago
20230823	0430	6073	5781	-688	-688	-396	Critical Branch	Validation phase	292	0	CH	5591	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230823	0530	6073	5781	-688	-688	-396	Critical Branch	Validation phase	292	0	CH	5591	Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago
20230823	0630	6073	5781	-688	-688	-396	Critical Branch	Validation phase	292	0	CH	5591	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago
20230823	0730	6050	5819	-575	-575	-344	Critical Branch	Validation phase	231	0	CH	5629	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230823	0830	6050	5819	-575	-575	-344	Critical Branch	Validation phase	231	0	CH	5629	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago-
20230823	0930	6248	6169	- 1674	-1674	-1595	Critical Branch	Validation phase	79	0	CH	5979	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago-
20230823	1030	6248	6169	- 1674	-1674	-1595	Critical Branch	Validation phase	79	0	CH	5979	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago-
20230823	1130	6248	6169	- 1674	-1674	-1595	Critical Branch	Validation phase	79	0	CH	5979	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago-

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230823	1230	5755	5745	- 2258	-2258	-2248	Critical Branch	Validation phase	10	0	CH	5555	Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago
20230823	1330	5755	5745	- 2258	-2258	-2248	Critical Branch	Validation phase	10	0	CH	5555	
20230823	1430	5755	5745	- 2258	-2258	-2248	Critical Branch	Validation phase	10	0	CH	5555	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230823	1530	5964	5754	- 2231	-2231	-2021	Critical Branch	Validation phase	210	0	CH	5564	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano
20230823	1630	5964	5754	- 2231	-2231	-2021	Critical Branch	Validation phase	210	0	CH	5564	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano
20230823	1730	5964	5754	- 2231	-2231	-2021	Critical Branch	Validation phase	210	0	CH	5564	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano
20230823	1830	6106	5852	- 1655	-1655	-1401	Critical Branch	Validation phase	254	0	CH	5662	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230823	1930	6106	5852	- 1655	-1655	-1401	Critical Branch	Validation phase	254	0	CH	5662	Piancamuno-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
20230823	2030	6106	5852	- 1655	-1655	-1401	Critical Branch	Validation phase	254	0	CH	5662	
20230823	2130	6266	6006	- 2048	-2048	-1788	Critical Branch	Validation phase	260	0	CH	5816	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230823	2230	6266	6006	- 2048	-2048	-1788	Critical Branch	Validation phase	260	0	CH	5816	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano
20230823	2330	5866	5606	- 1657	-1657	-1397	Critical Branch	Validation phase	260	0	CH	5416	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano
20230824	0830	5985	5600	-696	-696	-312	Critical Branch	Smoothing ramp	385	0	Smoothing		
20230824	1530	5661	4500	- 2625	-2625	-1464	Critical Branch	Validation phase	1161	0	CH	4310	380kV Gorlago - Robbia , C: N-1 S.FIORANO- PIANCAMUNO
20230824	1630	5661	4500	- 2625	-2625	-1464	Critical Branch	Validation phase	1161	0	CH	4310	380kV Gorlago - Robbia , C: N-1 S.FIORANO- PIANCAMUNO
20230825	1230	5131	4844	- 1622	-1622	-1335	Critical Branch	Validation phase	287	0	CH	4654	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230825	1330	5131	4844	- 1622	-1622	-1335	Critical Branch	Validation phase	287	0	CH	4654	Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano
20230825	1430	5131	4844	- 1622	-1622	-1335	Critical Branch	Validation phase	287	0	CH	4654	
20230828	1530	6240	6036	- 4446	-4446	-4242	Critical Branch	Validation phase	204	0	CH	5846	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230828	1630	6240	6036	- 4446	-4446	-4242	Critical Branch	Validation phase	204	0	CH	5846	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano
20230828	1730	6240	6036	- 4446	-4446	-4242	Critical Branch	Validation phase	204	0	CH	5846	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Piancamuno- S.Fiorano
20230828	1830	5272	5143	- 2625	-2625	-2496	Critical Branch	Validation phase	129	0	CH	4953	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 ALBERTVILLE- RONDISSONE
20230828	1930	5272	5143	- 2625	-2625	-2496	Critical Branch	Validation phase	129	0	CH	4953	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 ALBERTVILLE- RONDISSONE

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230828	2030	5272	5143	- 2625	-2625	-2496	Critical Branch	Validation phase	129	0	CH	4953	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 ALBERTVILLE- RONDISSONE
20230828	2130	5817	5777	- 4328	-4328	-4288	Critical Branch	Validation phase	40	0	CH	5587	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago
20230828	2230	5817	5777	- 4328	-4328	-4288	Critical Branch	Validation phase	40	0	CH	5587	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago
20230828	2330	5417	5377	- 3929	-3929	-3889	Critical Branch	Validation phase	40	0	CH	5187	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago-

		TTC		ANTC		LimitedBy		Validation					
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
													Piancamuno + Robbia-Gorlago

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

			TTC			ANTC			LimitedBy		Validation				
BD	TS	Month	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230802	1830	August	7622	7025	215	- 3198	-3198	-2601	Critical Branch	Validation phase	597	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230802	1930	August	7622	7025	215	- 3198	-3198	-2601	Critical Branch	Validation phase	597	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230802	2030	August	7622	7025	215	- 3198	-3198	-2601	Critical Branch	Validation phase	597	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230808	0730	August	5668	4990	1853	- 2473	-2473	-1796	Critical Branch	Validation phase	678	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230808	0830	August	5668	4990	1853	- 2473	-2473	-1796	Critical Branch	Validation phase	678	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230808	0930	August	6136	5261	1853	- 2179	-2179	-1332	Critical Branch	Validation phase	875	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230808	1030	August	6136	5261	1853	- 2179	-2179	-1332	Critical Branch	Validation phase	875	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO

BD	TS	Month	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230808	1130	August	6136	5261	1853	- 2179	-2179	-1332	Critical Branch	Validation phase	875	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230808	1230	August	5834	5086	1853	- 1924	-1924	-1191	Critical Branch	Validation phase	748	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230808	1330	August	5834	5086	1853	- 1924	-1924	-1191	Critical Branch	Validation phase	748	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230808	1430	August	5834	5086	1853	- 1924	-1924	-1191	Critical Branch	Validation phase	748	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230808	1530	August	6054	5213	1853	- 2155	-2155	-1336	Critical Branch	Validation phase	841	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230808	1630	August	6054	5213	1853	- 2155	-2155	-1336	Critical Branch	Validation phase	841	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230808	1730	August	6104	5259	1853	- 2207	-2207	-1385	Critical Branch	Validation phase	845	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230808	1830	August	6806	5667	1853				Scheduled TTC	Validation phase	1139	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230808	1930	August	6806	5667	1853				Scheduled TTC	Validation phase	1139	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230808	2030	August	6806	5667	1853				Scheduled TTC	Validation phase	1139	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230808	2130	August	6806	5667	1853				Scheduled TTC	Validation phase	1139	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230808	2230	August	6806	5667	1853				Scheduled TTC	Validation phase	1139	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230808	2330	August	6246	5334	1853				Scheduled TTC	Validation phase	912	0	FR	1853	Bilateral - Avarie LINK 1 G.ILE PIOSSASCO
20230815	1830	August	6269	6261	205	- 2417	-2417	-2412	Critical Branch	Critical Branch	8	0	AT	205	Bilateral - Reduction because outage line 912
20230815	1930	August	6269	6261	205	- 2417	-2417	-2412	Critical Branch	Critical Branch	8	0	AT	205	Bilateral - Reduction because outage line 912

BD	TS	Month	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230815	2030	August	6269	6261	205	-2417	-2417	-2412	Critical Branch	Critical Branch	8	0	AT	205	Bilateral - Reduction because outage line 912
20230815	2130	August	6209	6203	205	-983	-983	-977	Critical Branch	Critical Branch	6	0	AT	205	Bilateral - Reduction because outage line 912
20230815	2230	August	6209	6203	205	-983	-983	-977	Critical Branch	Critical Branch	6	0	AT	205	Bilateral - Reduction because outage line 912
20230815	2330	August	6209	6203	205	-983	-983	-977	Critical Branch	Critical Branch	6	0	AT	205	Bilateral - Reduction because outage line 912
20230821	0330	August	6516	6506	205	-3534	-3534	-3522	Critical Branch	Critical Branch	10	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230821	0430	August	6516	6506	205	-3534	-3534	-3522	Critical Branch	Critical Branch	10	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230821	0530	August	6516	6506	205	-3534	-3534	-3522	Critical Branch	Critical Branch	10	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230821	0630	August	6516	6506	205	-3534	-3534	-3522	Critical Branch	Critical Branch	10	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230821	0930	August	5924	5675	215	-3516	-3516	-3265	Critical Branch	Validation phase	249	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230821	1030	August	5924	5675	215	-3516	-3516	-3265	Critical Branch	Validation phase	249	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230821	1130	August	5924	5675	215	-3516	-3516	-3265	Critical Branch	Validation phase	249	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230821	1530	August	6417	5863	215	-1257	-1257	-704	Critical Branch	Validation phase	554	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border

BD	TS	Month	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230821	1630	August	6417	5863	215	- 1257	-1257	-704	Critical Branch	Validation phase	554	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230821	1730	August	6417	5863	215	- 1257	-1257	-704	Critical Branch	Validation phase	554	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230821	1830	August	6098	6037	215	- 1099	-1099	-1039	Critical Branch	Validation phase	61	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230821	1930	August	6098	6037	215	- 1099	-1099	-1039	Critical Branch	Validation phase	61	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230821	2030	August	6098	6037	215	- 1099	-1099	-1039	Critical Branch	Validation phase	61	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230821	2130	August	6181	5540	215	- 1411	-1411	-770	Critical Branch	Validation phase	641	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230821	2230	August	6181	5540	215	- 1411	-1411	-770	Critical Branch	Validation phase	641	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230821	2330	August	5781	5139	205	- 1021	-1021	-379	Critical Branch	Validation phase	642	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230822	1930	August	6134	6055	215	- 1715	-1715	-1637	Critical Branch	Validation phase	79	0	AT	215	Bilateral - Reduction because outage line 912
20230822	2030	August	6134	6055	215	- 1715	-1715	-1637	Critical Branch	Validation phase	79	0	AT	215	Bilateral - Reduction because outage line 912
20230822	2130	August	6020	5803	215	- 1771	-1771	-1555	Critical Branch	Validation phase	217	0	AT	215	Bilateral - Reduction because outage line 912
20230822	2230	August	6020	5803	215	- 1771	-1771	-1555	Critical Branch	Validation phase	217	0	AT	215	Bilateral - Reduction because outage line 912

BD	TS	Month	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230822	2330	August	5620	5403	205	-1381	-1381	-1165	Critical Branch	Validation phase	217	0	AT	205	Bilateral - Reduction because outage line 912
20230824	0030	August	5750	5691	205	-4074	-4074	-4018	Critical Branch	Validation phase	59	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230824	0130	August	5750	5691	205	-4074	-4074	-4018	Critical Branch	Validation phase	59	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230824	0230	August	5750	5691	205	-4074	-4074	-4018	Critical Branch	Validation phase	59	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230824	0330	August	5981	5933	205	-1205	-1205	-1160	Critical Branch	Critical Branch	48	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230824	0430	August	5981	5933	205	-1205	-1205	-1160	Critical Branch	Critical Branch	48	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230824	0530	August	5981	5933	205	-1205	-1205	-1160	Critical Branch	Critical Branch	48	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230824	0630	August	5981	5933	205	-1205	-1205	-1160	Critical Branch	Critical Branch	48	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230824	0730	August	5985	5956	215	-696	-696	-668	Critical Branch	Critical Branch	29	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230824	1730	August	5661	5647	215	-2625	-2625	-2612	Critical Branch	Critical Branch	14	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230824	1830	August	6136	6057	215	-1499	-1499	-1422	Critical Branch	Validation phase	79	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border

BD	TS	Month	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230824	1930	August	6136	6057	215	- 1499	-1499	-1422	Critical Branch	Validation phase	79	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230824	2030	August	6136	6057	215	- 1499	-1499	-1422	Critical Branch	Validation phase	79	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230824	2130	August	5971	5580	215	- 1723	-1723	-1332	Critical Branch	Validation phase	391	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230824	2230	August	5971	5580	215	- 1723	-1723	-1332	Critical Branch	Validation phase	391	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230824	2330	August	5571	5179	205	- 1332	-1332	-941	Critical Branch	Validation phase	392	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230825	0030	August	5965	5918	205	- 2147	-2147	-2102	Critical Branch	Critical Branch	47	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230825	0130	August	5965	5918	205	- 2147	-2147	-2102	Critical Branch	Critical Branch	47	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230825	0230	August	5965	5918	205	- 2147	-2147	-2102	Critical Branch	Critical Branch	47	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230825	0330	August	6311	6248	205	- 4258	-4258	-4201	Critical Branch	Critical Branch	63	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230825	0430	August	6311	6248	205	- 4258	-4258	-4201	Critical Branch	Critical Branch	63	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230825	0530	August	6311	6248	205	- 4258	-4258	-4201	Critical Branch	Critical Branch	63	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border

BD	TS	Month	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230825	0630	August	6311	6248	205	-4258	-4258	-4201	Critical Branch	Critical Branch	63	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230825	0730	August	6391	6344	215	-1369	-1369	-1326	Critical Branch	Critical Branch	47	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230825	0830	August	6391	6344	215	-1369	-1369	-1326	Critical Branch	Critical Branch	47	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230825	0930	August	5785	5765	215	-3299	-3299	-3282	Critical Branch	Critical Branch	20	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230825	1030	August	5785	5765	215	-3299	-3299	-3282	Critical Branch	Critical Branch	20	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230825	1130	August	5785	5765	215	-3299	-3299	-3282	Critical Branch	Critical Branch	20	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230825	1530	August	6440	6251	215	-3827	-3827	-3645	Critical Branch	Validation phase	189	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230825	1630	August	6640	6452	215	-4048	-4048	-3866	Critical Branch	Validation phase	188	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230825	1730	August	6640	6452	215	-4048	-4048	-3866	Critical Branch	Validation phase	188	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230825	1830	August	6065	5826	215	-1152	-1152	-914	Critical Branch	Validation phase	239	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230825	1930	August	6065	5826	215	-1152	-1152	-914	Critical Branch	Validation phase	239	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border

BD	TS	Month	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230825	2030	August	6065	5826	215	-1152	-1152	-914	Critical Branch	Validation phase	239	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230825	2130	August	6139	5912	215	-2483	-2483	-2256	Critical Branch	Validation phase	227	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230825	2230	August	6139	5912	215	-2483	-2483	-2256	Critical Branch	Validation phase	227	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230825	2330	August	5739	5512	205	-2091	-2091	-1865	Critical Branch	Validation phase	227	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230826	0030	August	6141	6097	205	-985	-985	-943	Critical Branch	Critical Branch	44	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230826	0130	August	6141	6097	205	-985	-985	-943	Critical Branch	Critical Branch	44	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230826	0230	August	6141	6097	205	-985	-985	-943	Critical Branch	Critical Branch	44	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230826	0330	August	6036	5996	205	-461	-461	-423	Critical Branch	Critical Branch	40	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230826	0430	August	6036	5996	205	-461	-461	-423	Critical Branch	Critical Branch	40	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230826	0530	August	6036	5996	205	-461	-461	-423	Critical Branch	Critical Branch	40	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230826	0630	August	6036	5996	205	-461	-461	-423	Critical Branch	Critical Branch	40	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border

BD	TS	Month	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230826	0730	August	6294	6262	215	-3524	-3524	-3497	Critical Branch	Critical Branch	32	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230826	0830	August	6294	6262	215	-3524	-3524	-3497	Critical Branch	Critical Branch	32	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230826	1530	August	5956	5938	215	-535	-535	-512	Critical Branch	Critical Branch	18	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230826	1630	August	5956	5938	215	-535	-535	-512	Critical Branch	Critical Branch	18	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230826	1730	August	5956	5938	215	-535	-535	-512	Critical Branch	Critical Branch	18	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230826	1830	August	6288	6256	215	-934	-934	-901	Critical Branch	Critical Branch	32	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230826	1930	August	6288	6256	215	-934	-934	-901	Critical Branch	Critical Branch	32	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230826	2030	August	6288	6256	215	-934	-934	-901	Critical Branch	Critical Branch	32	0	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230827	0030	August	6009	5522	205	-695	-695	-210	Critical Branch	Validation phase	487	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	0130	August	6009	5522	205	-695	-695	-210	Critical Branch	Validation phase	487	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	0230	August	6009	5522	205	-695	-695	-210	Critical Branch	Validation phase	487	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border

BD	TS	Month	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230827	0730	August	6253	6033	205	-474	-474	-257	Critical Branch	Validation phase	220	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	0830	August	6253	6033	205	-474	-474	-257	Critical Branch	Validation phase	220	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	0930	August	5176	5174	205	-318	-318	-317	Critical Branch	Critical Branch	2	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	1030	August	5176	5174	205	-318	-318	-317	Critical Branch	Critical Branch	2	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	1130	August	5176	5174	205	-318	-318	-317	Critical Branch	Critical Branch	2	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	1530	August	5763	5677	205	-1846	-1846	-1762	Critical Branch	Validation phase	86	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	1630	August	5763	5677	205	-1846	-1846	-1762	Critical Branch	Validation phase	86	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	1730	August	5763	5677	205	-1846	-1846	-1762	Critical Branch	Validation phase	86	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	1830	August	5975	5938	205	-1487	-1487	-1452	Critical Branch	Critical Branch	37	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	1930	August	5975	5938	205	-1487	-1487	-1452	Critical Branch	Critical Branch	37	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	2030	August	5975	5938	205	-1487	-1487	-1452	Critical Branch	Critical Branch	37	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border

BD	TS	Month	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230827	2130	August	5998	5960	205	- 1764	-1764	-1728	Critical Branch	Critical Branch	38	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	2230	August	5998	5960	205	- 1764	-1764	-1728	Critical Branch	Critical Branch	38	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	2330	August	5998	5960	205	- 1764	-1764	-1728	Critical Branch	Critical Branch	38	0	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230831	0030	August	6064	6023	205	- 1340	-1340	-1302	Critical Branch	Critical Branch	41	0	AT	205	Bilateral - Reduction because outage line 912
20230831	0130	August	6064	6023	205	- 1340	-1340	-1302	Critical Branch	Critical Branch	41	0	AT	205	Bilateral - Reduction because outage line 912
20230831	0230	August	6064	6023	205	- 1340	-1340	-1302	Critical Branch	Critical Branch	41	0	AT	205	Bilateral - Reduction because outage line 912
20230831	0330	August	6359	6305	205	- 1336	-1336	-1287	Critical Branch	Critical Branch	54	0	AT	205	Bilateral - Reduction because outage line 912
20230831	0430	August	6359	6305	205	- 1336	-1336	-1287	Critical Branch	Critical Branch	54	0	AT	205	Bilateral - Reduction because outage line 912
20230831	0530	August	6359	6305	205	- 1336	-1336	-1287	Critical Branch	Critical Branch	54	0	AT	205	Bilateral - Reduction because outage line 912
20230831	0630	August	6359	6305	205	- 1336	-1336	-1287	Critical Branch	Critical Branch	54	0	AT	205	Bilateral - Reduction because outage line 912
20230831	0730	August	5684	5571	215	- 1472	-1472	-1360	Critical Branch	Validation phase	113	0	AT	215	Bilateral - Reduction because outage line 912
20230831	0830	August	5684	5571	215	- 1472	-1472	-1360	Critical Branch	Validation phase	113	0	AT	215	Bilateral - Reduction because outage line 912
20230831	0930	August	5686	5680	215	- 1826	-1826	-1821	Critical Branch	Critical Branch	6	0	AT	215	Bilateral - Reduction because outage line 912
20230831	1030	August	5686	5680	215	- 1826	-1826	-1821	Critical Branch	Critical Branch	6	0	AT	215	Bilateral - Reduction because outage line 912

BD	TS	Month	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230831	1130	August	5686	5680	215	- 1826	-1826	-1821	Critical Branch	Critical Branch	6	0	AT	215	Bilateral - Reduction because outage line 912
20230831	1230	August	5702	5695	215	- 1207	-1207	-1201	Critical Branch	Critical Branch	7	0	AT	215	Bilateral - Reduction because outage line 912
20230831	1330	August	5702	5695	215	- 1207	-1207	-1201	Critical Branch	Critical Branch	7	0	AT	215	Bilateral - Reduction because outage line 912
20230831	1430	August	5702	5695	215	- 1207	-1207	-1201	Critical Branch	Critical Branch	7	0	AT	215	Bilateral - Reduction because outage line 912
20230831	1530	August	6202	6174	215	- 2645	-2645	-2622	Critical Branch	Critical Branch	28	0	AT	215	Bilateral - Reduction because outage line 912
20230831	1630	August	6202	6174	215	- 2645	-2645	-2622	Critical Branch	Critical Branch	28	0	AT	215	Bilateral - Reduction because outage line 912
20230831	1730	August	6202	6174	215	- 2645	-2645	-2622	Critical Branch	Critical Branch	28	0	AT	215	Bilateral - Reduction because outage line 912
20230831	1830	August	6029	5905	215	- 2429	-2429	-2307	Critical Branch	Validation phase	124	0	AT	215	Bilateral - Reduction because outage line 912
20230831	1930	August	6029	5905	215	- 2429	-2429	-2307	Critical Branch	Validation phase	124	0	AT	215	Bilateral - Reduction because outage line 912
20230831	2030	August	6029	5905	215	- 2429	-2429	-2307	Critical Branch	Validation phase	124	0	AT	215	Bilateral - Reduction because outage line 912
20230831	2130	August	6039	5972	215	- 2709	-2709	-2643	Critical Branch	Validation phase	67	0	AT	215	Bilateral - Reduction because outage line 912
20230831	2230	August	6039	5972	215	- 2709	-2709	-2643	Critical Branch	Validation phase	67	0	AT	215	Bilateral - Reduction because outage line 912
20230831	2330	August	5639	5571	205	- 2319	-2319	-2252	Critical Branch	Validation phase	68	0	AT	205	Bilateral - Reduction because outage line 912

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

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230901	0730	5427	5297	- 4088	-4088	-3958	Critical Branch	Validation phase	130	0	CH	5107	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230901	0830	5427	5297	- 4088	-4088	-3958	Critical Branch	Validation phase	130	0	CH	5107	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230902	0330	7068	6735	- 2245	-2245	-1912	Critical Branch	Validation phase	333	0	CH	6545	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230902	0430	7068	6735	- 2245	-2245	-1912	Critical Branch	Validation phase	333	0	CH	6545	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230902	0530	7068	6735	- 2245	-2245	-1912	Critical Branch	Validation phase	333	0	CH	6545	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation					
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason	
20230902	0630	7068	6735	- 2245	-2245	-1912	Critical Branch	Validation phase	333	0	CH	6545	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	
20230902	0730	6886	6687	- 1962	-1962	-1763	Critical Branch	Validation phase	199	0	CH	6497	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	
20230902	0830	6886	6687	- 1962	-1962	-1763	Critical Branch	Validation phase	199	0	CH	6497	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	
20230902	0930	5457	5343	- 1432	-1432	-1318	Critical Branch	Validation phase	114	0	CH	5153	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	
20230902	1030	5457	5343	- 1432	-1432	-1318	Critical Branch	Validation phase	114	0	CH	5153	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	
20230902	1130	5457	5343	- 1432	-1432	-1318	Critical Branch	Validation phase	114	0	CH	5153	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2	

		TTC		ANTC			LimitedBy		Validation					
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason	
20230902	1230	5393	5222	- 1969	-1969	-1798	Critical Branch	Validation phase	171	0	CH	5032	Pradella-Robbia + Filisur-Robbia	
20230902	1330	5393	5222	- 1969	-1969	-1798	Critical Branch	Validation phase	171	0	CH	5032	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	
20230902	1430	5393	5222	- 1969	-1969	-1798	Critical Branch	Validation phase	171	0	CH	5032	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	
20230902	1830	6548	6418	- 2219	-2219	-2089	Critical Branch	Validation phase	130	0	CH	6228	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	
20230902	1930	6548	6418	- 2219	-2219	-2089	Critical Branch	Validation phase	130	0	CH	6228	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230902	2030	6548	6418	- 2219	-2219	-2089	Critical Branch	Validation phase	130	0	CH	6228	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230902	2130	6648	6572	- 2750	-2750	-2674	Critical Branch	Validation phase	76	0	CH	6382	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230902	2230	6648	6572	- 2750	-2750	-2674	Critical Branch	Validation phase	76	0	CH	6382	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230902	2330	6248	6172	- 2355	-2355	-2279	Critical Branch	Validation phase	76	0	CH	5982	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230903	1830	8167	6803	- 5993	-5993	-4629	Critical Branch	Validation phase	1364	0	CH	6613	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230903	1930	8167	6803	- 5993	-5993	-4629	Critical Branch	Validation phase	1364	0	CH	6613	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2

		TTC		ANTC			LimitedBy		Validation					
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason	
20230903	2030	8167	6803	-5993	-5993	-4629	Critical Branch	Validation phase	1364	0	CH	6613	Pradella-Robbia + Filisur-Robbia	
20230904	0030	7448	7263	-2068	-2068	-1883	Critical Branch	Validation phase	185	0	CH	7073	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	
20230904	0130	7448	7263	-2068	-2068	-1883	Critical Branch	Validation phase	185	0	CH	7073	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	
20230904	0230	7448	7263	-2068	-2068	-1883	Critical Branch	Validation phase	185	0	CH	7073	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	
20230904	0330	7470	7193	-1079	-1079	-802	Critical Branch	Validation phase	277	0	CH	7003	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA	

		TTC		ANTC			LimitedBy		Validation					
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason	
20230904	0430	7470	7193	- 1079	-1079	-802	Critical Branch	Validation phase	277	0	CH	7003	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA	
20230904	0530	7470	7193	- 1079	-1079	-802	Critical Branch	Validation phase	277	0	CH	7003	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA	
20230904	0630	7470	6922	- 1079	-1079	-531	Critical Branch	Smoothing ramp	548	0	Smoothing			
20230904	0730	6223	5422	- 1395	-1395	-594	Critical Branch	Validation phase	801	0	CH	5232	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA	
20230904	0830	6223	5422	- 1395	-1395	-594	Critical Branch	Validation phase	801	0	CH	5232	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA	
20230905	2130	6358	5517	- 2328	-2328	-1487	Critical Branch	Validation phase	841	0	CH	5327	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	
20230905	2230	6358	5517	- 2328	-2328	-1487	Critical Branch	Validation phase	841	0	CH	5327	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230906	0030	6976	5795	- 3246	-3246	-2065	Critical Branch	Validation phase	1181	0	CH	5605	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230906	0130	6976	5795	- 3246	-3246	-2065	Critical Branch	Validation phase	1181	0	CH	5605	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230906	0230	6976	5795	- 3246	-3246	-2065	Critical Branch	Validation phase	1181	0	CH	5605	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230906	1530	6924	5619	- 1769	-1769	-464	Critical Branch	Validation phase	1305	0	CH	5429	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230906	1630	6924	5619	- 1769	-1769	-464	Critical Branch	Validation phase	1305	0	CH	5429	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230906	1730	6924	5619	- 1769	-1769	-464	Critical Branch	Validation phase	1305	0	CH	5429	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2

		TTC		ANTC			LimitedBy		Validation					
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason	
20230908	1530	6704	5622	- 1306	-1306	-224	Critical Branch	Validation phase	1082	0	IT	5432	Pradella-Robbia + Filisur-Robbia SWG was not able to perform validation. SWG sent Red flag to TERN by e-mail and TERN applied it. Reason: "Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano"	
20230908	1630	6704	5622	- 1306	-1306	-224	Critical Branch	Validation phase	1082	0	IT	5432	SWG was not able to perform validation. SWG sent Red flag to TERN by e-mail and TERN applied it. Reason: "Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano"	
20230908	1730	9104	7122	- 3597	-3597	-1615	Critical Branch	Smoothing ramp	1982	0	Smoothing			
20230914	0730	5474	5440	- 2222	-2222	-2188	Critical Branch	Validation phase	34	0	IT	5250	N-1 RON-ABV -> RON-ABV2 and N-2 RON-ABV on 220 kV grid	
20230914	0830	5474	5440	- 2222	-2222	-2188	Critical Branch	Validation phase	34	0	IT	5250	N-1 RON-ABV -> RON-ABV2 and N-2 RON-ABV on 220 kV grid	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230914	0930	6061	5440	- 3376	-3376	-2755	Critical Branch	Validation phase	621	0	IT	5250	N-1 RON-ABV -> RON-ABV2 and N-2 RON-ABV on 220 kV grid
20230914	1030	6061	5440	- 3376	-3376	-2755	Critical Branch	Validation phase	621	0	IT	5250	N-1 RON-ABV -> RON-ABV2 and N-2 RON-ABV on 220 kV grid
20230914	1130	6061	5440	- 3376	-3376	-2755	Critical Branch	Validation phase	621	0	IT	5250	N-1 RON-ABV -> RON-ABV2 and N-2 RON-ABV on 220 kV grid
20230914	1230	6331	5440	- 3096	-3096	-2205	Critical Branch	Validation phase	891	0	IT	5250	N-1 RON-ABV -> RON-ABV2 and N-2 RON-ABV on 220 kV grid
20230914	1330	6331	5440	- 3096	-3096	-2205	Critical Branch	Validation phase	891	0	IT	5250	N-1 RON-ABV -> RON-ABV2 and N-2 RON-ABV on 220 kV grid
20230914	1430	6331	5440	- 3096	-3096	-2205	Critical Branch	Validation phase	891	0	IT	5250	N-1 RON-ABV -> RON-ABV2 and N-2 RON-ABV on 220 kV grid
20230914	1530	5642	5440	- 2427	-2427	-2225	Critical Branch	Validation phase	202	0	IT	5250	N-1 RON-ABV -> RON-ABV2 and N-2 RON-ABV on 220 kV grid
20230914	1630	5642	5440	- 2427	-2427	-2225	Critical Branch	Validation phase	202	0	IT	5250	N-1 RON-ABV -> RON-ABV2 and N-2 RON-ABV on 220 kV grid
20230914	1730	5642	5440	- 2427	-2427	-2225	Critical Branch	Validation phase	202	0	IT	5250	N-1 RON-ABV -> RON-ABV2 and N-2 RON-ABV on 220 kV grid
20230914	1830	5108	5020	- 4168	-4168	-4080	Critical Branch	Validation phase	88	0	CH	4830	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE- RONDISSONE

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230914	1930	5108	5020	- 4168	-4168	-4080	Critical Branch	Validation phase	88	0	CH	4830	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
20230914	2030	5108	5020	- 4168	-4168	-4080	Critical Branch	Validation phase	88	0	CH	4830	
20230916	1530	5886	5449	-738	-738	-309	Critical Branch	Smoothing ramp	437	0	Smoothing		
20230917	0830	5692	4910	-893	-893	-96	Critical Branch	Smoothing ramp	782	0	Smoothing		
20230920	0330	6072	4635	- 3914	-3914	-2477	Critical Branch	Validation phase	1437	0	IT	4445	SWG was not able to perform the Validation. SWG asked TERNA to set MNIlp values. SWG was not able to perform the Validation. SWG asked TERNA to set MNIlp values. SWG was not able to perform the Validation. SWG asked TERNA to set MNIlp values. SWG was not able to perform the Validation. SWG asked TERNA to set MNIlp values.
20230920	0430	6072	4635	- 3914	-3914	-2477	Critical Branch	Validation phase	1437	0	IT	4445	
20230920	0530	6072	4635	- 3914	-3914	-2477	Critical Branch	Validation phase	1437	0	IT	4445	
20230920	0630	6072	4635	- 3914	-3914	-2477	Critical Branch	Validation phase	1437	0	IT	4445	
20230920	0730	6193	5036	- 1157	-1157	0	Critical Branch	Validation phase	1157	0	IT	4846	RON-ABV 1 on RON-ABV2 and N-2 RON-ABV on 220 kV grid

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230920	1230	5034	4925	-292	-292	-183	Critical Branch	Validation phase	109	0	IT	4735	SWG was not able to perform the Validation. SWG asked TERNAL to set MNILP values.
20230920	1330	5034	4925	-292	-292	-183	Critical Branch	Validation phase	109	0	IT	4735	SWG was not able to perform the Validation. SWG asked TERNAL to set MNILP values.
20230920	1430	5034	4925	-292	-292	-183	Critical Branch	Validation phase	109	0	IT	4735	SWG was not able to perform the Validation. SWG asked TERNAL to set MNILP values.
20230920	1530	5170	4925	-461	-461	-216	Critical Branch	Validation phase	245	0	IT	4735	SWG was not able to perform the Validation. SWG asked TERNAL to set MNILP values.
20230920	1630	5170	4925	-461	-461	-216	Critical Branch	Validation phase	245	0	IT	4735	SWG was not able to perform the Validation. SWG asked TERNAL to set MNILP values.
20230920	1730	5170	4925	-461	-461	-216	Critical Branch	Validation phase	245	0	IT	4735	SWG was not able to perform the Validation. SWG asked TERNAL to set MNILP values.
20230920	1830	5597	4925	-2840	-2840	-2168	Critical Branch	Validation phase	672	0	IT	4735	SWG was not able to perform the Validation. SWG asked TERNAL to set MNILP values.
20230920	1930	5597	4925	-2840	-2840	-2168	Critical Branch	Validation phase	672	0	IT	4735	SWG was not able to perform the Validation. SWG asked TERNAL to set MNILP values.

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230920	2030	5597	4925	-2840	-2840	-2168	Critical Branch	Validation phase	672	0	IT	4735	SWG was not able to perform the Validation. SWG asked TERNÀ to set MNlIp values.
20230920	2130	5366	4925	-900	-900	-459	Critical Branch	Validation phase	441	0	IT	4735	SWG was not able to perform the Validation. SWG asked TERNÀ to set MNlIp values.
20230920	2230	5366	4925	-900	-900	-459	Critical Branch	Validation phase	441	0	IT	4735	SWG was not able to perform the Validation. SWG asked TERNÀ to set MNlIp values.
20230921	2130	6290	6185	-1082	-1082	-977	Critical Branch	Smoothing ramp	105	0	Smoothing		
20230922	0030	6127	5956	-853	-853	-682	Critical Branch	Validation phase	171	0	CH	5766	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 ROBBIA-S.FIORANO
20230922	0130	6127	5956	-853	-853	-682	Critical Branch	Validation phase	171	0	CH	5766	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 ROBBIA-S.FIORANO
20230922	0230	6127	5956	-853	-853	-682	Critical Branch	Validation phase	171	0	CH	5766	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 ROBBIA-S.FIORANO
20230922	0330	5893	5647	-851	-851	-605	Critical Branch	Validation phase	246	0	CH	5457	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 ROBBIA-S.FIORANO

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230922	0430	5893	5647	-851	-851	-605	Critical Branch	Validation phase	246	0	CH	5457	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 ROBBIA-S.FIORANO
20230922	0530	5893	5647	-851	-851	-605	Critical Branch	Validation phase	246	0	CH	5457	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 ROBBIA-S.FIORANO
20230922	0630	5893	5647	-851	-851	-605	Critical Branch	Validation phase	246	0	CH	5457	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 ROBBIA-S.FIORANO
20230922	0930	6047	5860	-903	-903	-716	Critical Branch	Validation phase	187	0	CH	5670	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20230922	1030	6047	5860	-903	-903	-716	Critical Branch	Validation phase	187	0	CH	5670	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20230922	1130	6047	5860	-903	-903	-716	Critical Branch	Validation phase	187	0	CH	5670	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20230922	1230	5971	5908	-541	-541	-478	Critical Branch	Validation phase	63	0	CH	5718	Expected overloading on the following CNEC: CNE: 380kV Lavorgo -

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230922	1330	5971	5908	-541	-541	-478	Critical Branch	Validation phase	63	0	CH	5718	Musignano , C: N-1 SOAZZA-BULCIAGO Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20230922	1430	5971	5908	-541	-541	-478	Critical Branch	Validation phase	63	0	CH	5718	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-1 SOAZZA-BULCIAGO
20230922	1730	7476	5976	- 4384	-4384	-2884	Critical Branch	Validation phase	1500	0	CH	5786	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230922	1830	7230	6308	- 1062	-1062	-140	Critical Branch	Validation phase	922	0	CH	6118	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano
20230922	1930	7230	6308	- 1062	-1062	-140	Critical Branch	Validation phase	922	0	CH	6118	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia- S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230922	2030	7230	6308	-1062	-1062	-140	Critical Branch	Validation phase	922	0	CH	6118	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230922	2130	7201	6873	-1102	-1102	-774	Critical Branch	Validation phase	328	0	CH	6683	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230922	2230	7201	6873	-1102	-1102	-774	Critical Branch	Validation phase	328	0	CH	6683	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230922	2330	6611	6483	-498	-498	-370	Critical Branch	Validation phase	128	0	CH	6293	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230923	0030	6931	6917	-3502	-3502	-3488	Critical Branch	Validation phase	14	0	CH	6727	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230923	0130	6931	6917	-3502	-3502	-3488	Critical Branch	Validation phase	14	0	CH	6727	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2

		TTC		ANTC			LimitedBy		Validation					
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason	
20230923	0230	6931	6917	-3502	-3502	-3488	Critical Branch	Validation phase	14	0	CH	6727	Robbia-Gorlago + Robbia-S.Fiorano	
20230923	0930	5655	5444	-434	-434	-223	Critical Branch	Validation phase	211	0	CH	5254	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano	
20230923	1030	5655	5444	-434	-434	-223	Critical Branch	Validation phase	211	0	CH	5254	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano	
20230923	1130	5655	5444	-434	-434	-223	Critical Branch	Validation phase	211	0	CH	5254	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano	
20230923	1230	5615	5058	-968	-968	-411	Critical Branch	Validation phase	557	0	CH	4868	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano	

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230923	1330	5615	5058	-968	-968	-411	Critical Branch	Validation phase	557	0	CH	4868	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230923	1430	5615	5058	-968	-968	-411	Critical Branch	Validation phase	557	0	CH	4868	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230923	1530	5791	5214	-1405	-1405	-828	Critical Branch	Validation phase	577	0	CH	5024	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230923	1630	5791	5214	-1405	-1405	-828	Critical Branch	Validation phase	577	0	CH	5024	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230923	1730	5791	5214	-1405	-1405	-828	Critical Branch	Validation phase	577	0	CH	5024	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230923	1830	5770	5244	-3415	-3415	-2889	Critical Branch	Validation phase	526	0	CH	5054	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2

		TTC		ANTC			LimitedBy		Validation					
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason	
20230923	1930	5770	5244	- 3415	-3415	-2889	Critical Branch	Validation phase	526	0	CH	5054	Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano	
20230923	2030	5770	5244	- 3415	-3415	-2889	Critical Branch	Validation phase	526	0	CH	5054	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano	
20230925	0030	5855	5429	-474	-474	-48	Critical Branch	Validation phase	426	0	CH	5239	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano	
20230925	0130	5855	5429	-474	-474	-48	Critical Branch	Validation phase	426	0	CH	5239	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano	
20230925	0230	5855	5429	-474	-474	-48	Critical Branch	Validation phase	426	0	CH	5239	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano	

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

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230901	0030	6047	6007	205	- 1949	-1949	-1911	Critical Branch	Critical Branch	40	0	AT	205	Bilateral - Reduction because outage line 912
20230901	0130	6047	6007	205	- 1949	-1949	-1911	Critical Branch	Critical Branch	40	0	AT	205	Bilateral - Reduction because outage line 912
20230901	0230	6047	6007	205	- 1949	-1949	-1911	Critical Branch	Critical Branch	40	0	AT	205	Bilateral - Reduction because outage line 912
20230901	0330	6419	6237	205	- 1465	-1465	-1286	Critical Branch	Validation phase	182	0	AT	205	Bilateral - Reduction because outage line 912
20230901	0430	6419	6237	205	- 1465	-1465	-1286	Critical Branch	Validation phase	182	0	AT	205	Bilateral - Reduction because outage line 912
20230901	0530	6419	6237	205	- 1465	-1465	-1286	Critical Branch	Validation phase	182	0	AT	205	Bilateral - Reduction because outage line 912
20230901	0630	6419	6237	205	- 1465	-1465	-1286	Critical Branch	Validation phase	182	0	AT	205	Bilateral - Reduction because outage line 912
20230901	1530	6247	6217	215	- 2382	-2382	-2358	Critical Branch	Critical Branch	30	0	AT	215	Bilateral - Reduction because outage line 912
20230901	1630	6247	6217	215	- 2382	-2382	-2358	Critical Branch	Critical Branch	30	0	AT	215	Bilateral - Reduction because outage line 912
20230901	1730	7197	7172	215	- 3365	-3365	-3344	Critical Branch	Critical Branch	25	0	AT	215	Bilateral - Reduction because outage line 912
20230901	1830	7077	6873	215	- 3153	-3153	-2949	Critical Branch	Validation phase	204	0	AT	215	Bilateral - Reduction because outage line 912
20230901	1930	7077	6873	215	- 3153	-3153	-2949	Critical Branch	Validation phase	204	0	AT	215	Bilateral - Reduction because outage line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230901	2030	7077	6873	215	- 3153	-3153	-2949	Critical Branch	Validation phase	204	0	AT	215	Bilateral - Reduction because outage line 912
20230901	2130	6585	6582	215	- 2731	-2731	-2728	Critical Branch	Critical Branch	3	0	AT	215	Bilateral - Reduction because outage line 912
20230901	2230	6585	6582	215	- 2731	-2731	-2728	Critical Branch	Critical Branch	3	0	AT	215	Bilateral - Reduction because outage line 912
20230901	2330	6185	6182	205	- 2336	-2336	-2333	Critical Branch	Critical Branch	3	0	AT	205	Bilateral - Reduction because outage line 912
20230903	0030	8412	6896	205	- 2917	-2917	-1402	Critical Branch	Validation phase	1516	0	AT	205	Bilateral - Reduction because of outage line 912
20230903	0130	8412	6896	205	- 2917	-2917	-1402	Critical Branch	Validation phase	1516	0	AT	205	Bilateral - Reduction because of outage line 912
20230903	0230	8412	6896	205	- 2917	-2917	-1402	Critical Branch	Validation phase	1516	0	AT	205	Bilateral - Reduction because of outage line 912
20230903	0330	8428	6929	205	- 1979	-1979	-481	Critical Branch	Validation phase	1499	0	AT	205	Bilateral - Reduction because of outage line 912
20230903	0430	8428	6929	205	- 1979	-1979	-481	Critical Branch	Validation phase	1499	0	AT	205	Bilateral - Reduction because of outage line 912
20230903	0530	8428	6929	205	- 1979	-1979	-481	Critical Branch	Validation phase	1499	0	AT	205	Bilateral - Reduction because of outage line 912
20230903	0630	8428	6929	205	- 1979	-1979	-481	Critical Branch	Validation phase	1499	0	AT	205	Bilateral - Reduction because of outage line 912
20230903	0730	8278	6894	205	- 1669	-1669	-286	Critical Branch	Validation phase	1384	0	AT	205	Bilateral - Reduction because of outage line 912
20230903	0830	8278	6894	205	- 1669	-1669	-286	Critical Branch	Validation phase	1384	0	AT	205	Bilateral - Reduction because of outage line 912
20230903	2130	7449	7009	205	- 2678	-2678	-2239	Critical Branch	Validation phase	440	0	AT	205	Bilateral - Reduction because of outage line 912
20230903	2230	7449	7009	205	- 2678	-2678	-2239	Critical Branch	Validation phase	440	0	AT	205	Bilateral - Reduction because of outage line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230903	2330	7449	7009	205	-2678	-2678	-2239	Critical Branch	Validation phase	440	0	AT	205	Bilateral - Reduction because of outage line 912
20230905	0030	6627	5766	205	-1050	-1050	-195	Critical Branch	Validation phase	861	0	AT	205	Bilateral - Reduction because of outage of line 912
20230905	0130	6627	5766	205	-1050	-1050	-195	Critical Branch	Validation phase	861	0	AT	205	Bilateral - Reduction because of outage of line 912
20230905	0230	6627	5766	205	-1050	-1050	-195	Critical Branch	Validation phase	861	0	AT	205	Bilateral - Reduction because of outage of line 912
20230905	0330	5717	5692	205	-4199	-4199	-4172	Critical Branch	Critical Branch	25	0	AT	205	Bilateral - Reduction because of outage of line 912
20230905	0430	5717	5692	205	-4199	-4199	-4172	Critical Branch	Critical Branch	25	0	AT	205	Bilateral - Reduction because of outage of line 912
20230905	0530	5717	5692	205	-4199	-4199	-4172	Critical Branch	Critical Branch	25	0	AT	205	Bilateral - Reduction because of outage of line 912
20230905	0630	5717	5692	205	-4199	-4199	-4172	Critical Branch	Critical Branch	25	0	AT	205	Bilateral - Reduction because of outage of line 912
20230905	2330	5758	5731	205	-1728	-1728	-1711	Critical Branch	Critical Branch	27	0	AT	205	Bilateral - Reduction because of outage of line 912
20230907	0730	5740	4460	134				Scheduled TTC	Validation phase	1280	0	AT	134	Bilateral - Reduction due to outage of line 912
20230907	0830	5740	4460	134				Scheduled TTC	Validation phase	1280	0	AT	134	Bilateral - Reduction due to outage of line 912
20230907	0930	5740	4460	134				Scheduled TTC	Validation phase	1280	0	AT	134	Bilateral - Reduction due to outage of line 912
20230907	1030	5740	4460	134				Scheduled TTC	Validation phase	1280	0	AT	134	Bilateral - Reduction due to outage of line 912
20230907	1130	5740	4460	134				Scheduled TTC	Validation phase	1280	0	AT	134	Bilateral - Reduction due to outage of line 912
20230907	1230	5740	4460	134				Scheduled TTC	Validation phase	1280	0	AT	134	Bilateral - Reduction due to outage of line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230907	1330	5740	4460	134				Scheduled TTC	Validation phase	1280	0	AT	134	Bilateral - Reduction due to outage of line 912
20230907	1430	5740	4460	134				Scheduled TTC	Validation phase	1280	0	AT	134	Bilateral - Reduction due to outage of line 912
20230907	1530	5740	5659	134				Scheduled TTC	Scheduled TTC	81	0	AT	134	Bilateral - Reduction due to outage of line 912
20230907	1630	5740	5659	134				Scheduled TTC	Scheduled TTC	81	0	AT	134	Bilateral - Reduction due to outage of line 912
20230907	1730	5740	5659	134				Scheduled TTC	Scheduled TTC	81	0	AT	134	Bilateral - Reduction due to outage of line 912
20230907	1830	5740	5659	134				Scheduled TTC	Scheduled TTC	81	0	AT	134	Bilateral - Reduction due to outage of line 912
20230907	1930	5740	5659	134				Scheduled TTC	Scheduled TTC	81	0	AT	134	Bilateral - Reduction due to outage of line 912
20230907	2030	5740	5659	134				Scheduled TTC	Scheduled TTC	81	0	AT	134	Bilateral - Reduction due to outage of line 912
20230907	2130	5740	5659	134				Scheduled TTC	Scheduled TTC	81	0	AT	134	Bilateral - Reduction due to outage of line 912
20230907	2230	5740	5659	134				Scheduled TTC	Scheduled TTC	81	0	AT	134	Bilateral - Reduction due to outage of line 912
20230907	2330	5140	5069	134				Scheduled TTC	Scheduled TTC	71	0	AT	134	Bilateral - Reduction due to outage of line 912
20230908	0330	6649	6012	134	- 1319	-1319	-687	Critical Branch	Validation phase	637	0	AT	134	Bilateral - Reduction due to outage of line 912
20230908	0430	6649	6012	134	- 1319	-1319	-687	Critical Branch	Validation phase	637	0	AT	134	Bilateral - Reduction due to outage of line 912
20230908	0530	6649	6012	134	- 1319	-1319	-687	Critical Branch	Validation phase	637	0	AT	134	Bilateral - Reduction due to outage of line 912
20230908	0630	6649	6012	134	- 1319	-1319	-687	Critical Branch	Validation phase	637	0	AT	134	Bilateral - Reduction due to outage of line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230914	0030	5479	5315	205	- 3527	-3527	-3365	Critical Branch	Validation phase	164	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230914	0130	5479	5315	205	- 3527	-3527	-3365	Critical Branch	Validation phase	164	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230914	0230	5479	5315	205	- 3527	-3527	-3365	Critical Branch	Validation phase	164	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230914	0330	6041	5603	205	- 3889	-3889	-3455	Critical Branch	Validation phase	438	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230914	0430	6041	5603	205	- 3889	-3889	-3455	Critical Branch	Validation phase	438	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230914	0530	6041	5603	205	- 3889	-3889	-3455	Critical Branch	Validation phase	438	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230914	0630	6041	5603	205	- 3889	-3889	-3455	Critical Branch	Validation phase	438	0	AT	205	Bilateral - Reduction because of the disruption of the line 912
20230916	0030	6981	6448	205	- 1096	-1096	-573	Critical Branch	Validation phase	533	0	AT	205	Bilateral - Reduction because of outage of line 912
20230916	0130	6981	6448	205	- 1096	-1096	-573	Critical Branch	Validation phase	533	0	AT	205	Bilateral - Reduction because of outage of line 912
20230916	0230	6981	6448	205	- 1096	-1096	-573	Critical Branch	Validation phase	533	0	AT	205	Bilateral - Reduction because of outage of line 912
20230916	0730	6292	6255	215	- 4776	-4776	-4738	Critical Branch	Critical Branch	37	0	AT	215	Bilateral - Reduction because of outage of line 912
20230916	0830	4892	4840	215	- 3476	-3476	-3422	Critical Branch	Critical Branch	52	0	AT	215	Bilateral - Reduction because of outage of line 912
20230916	1630	5886	5455	215	-738	-738	-315	Critical Branch	Validation phase	431	0	AT	215	Bilateral - Reduction because of outage of line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230916	1730	5886	5455	215	-738	-738	-315	Critical Branch	Validation phase	431	0	AT	215	Bilateral - Reduction because of outage of line 912
20230916	1830	4544	4513	215	- 2298	-2298	-2251	Critical Branch	Critical Branch	31	0	AT	215	Bilateral - Reduction because of outage of line 912
20230916	1930	4544	4513	215	- 2298	-2298	-2251	Critical Branch	Critical Branch	31	0	AT	215	Bilateral - Reduction because of outage of line 912
20230916	2030	4544	4513	215	- 2298	-2298	-2251	Critical Branch	Critical Branch	31	0	AT	215	Bilateral - Reduction because of outage of line 912
20230916	2130	5364	5284	215	-560	-560	-489	Critical Branch	Critical Branch	80	0	AT	215	Bilateral - Reduction because of outage of line 912
20230916	2230	5364	5284	215	-560	-560	-489	Critical Branch	Critical Branch	80	0	AT	215	Bilateral - Reduction because of outage of line 912
20230916	2330	4964	4878	205	-154	-154	-79	Critical Branch	Critical Branch	86	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	0030	5653	5522	205	- 1017	-1017	-874	Critical Branch	Critical Branch	131	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	0130	5653	5522	205	- 1017	-1017	-874	Critical Branch	Critical Branch	131	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	0230	5653	5522	205	- 1017	-1017	-874	Critical Branch	Critical Branch	131	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	0330	5446	5328	205	-392	-392	-257	Critical Branch	Critical Branch	118	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	0430	5446	5328	205	-392	-392	-257	Critical Branch	Critical Branch	118	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	0530	5446	5328	205	-392	-392	-257	Critical Branch	Critical Branch	118	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	0630	5446	5328	205	-392	-392	-257	Critical Branch	Critical Branch	118	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	0730	5692	5558	205	-893	-893	-744	Critical Branch	Critical Branch	134	0	AT	205	Bilateral - Reduction because of outage of line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230917	1530	5506	5384	205	-657	-657	-523	Critical Branch	Critical Branch	122	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	1630	5506	5384	205	-657	-657	-523	Critical Branch	Critical Branch	122	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	1730	6706	5475	205	- 1900	-1900	-666	Critical Branch	Validation phase	1231	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	1830	5792	5747	205	-442	-442	-395	Critical Branch	Critical Branch	45	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	1930	5792	5747	205	-442	-442	-395	Critical Branch	Critical Branch	45	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	2030	5792	5747	205	-442	-442	-395	Critical Branch	Critical Branch	45	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	2130	6485	6407	205	- 1101	-1101	-1017	Critical Branch	Critical Branch	78	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	2230	6485	6407	205	- 1101	-1101	-1017	Critical Branch	Critical Branch	78	0	AT	205	Bilateral - Reduction because of outage of line 912
20230917	2330	6485	6407	205	- 1101	-1101	-1017	Critical Branch	Critical Branch	78	0	AT	205	Bilateral - Reduction because of outage of line 912
20230918	0030	6364	6292	205	-940	-940	-863	Critical Branch	Critical Branch	72	0	AT	205	Bilateral - Reduction because of outage of line 912
20230918	0130	6364	6292	205	-940	-940	-863	Critical Branch	Critical Branch	72	0	AT	205	Bilateral - Reduction because of outage of line 912
20230918	0230	6364	6292	205	-940	-940	-863	Critical Branch	Critical Branch	72	0	AT	205	Bilateral - Reduction because of outage of line 912
20230918	0330	6066	6008	205	- 3539	-3539	-3488	Critical Branch	Critical Branch	58	0	AT	205	Bilateral - Reduction because of outage of line 912
20230918	0430	6066	6008	205	- 3539	-3539	-3488	Critical Branch	Critical Branch	58	0	AT	205	Bilateral - Reduction because of outage of line 912
20230918	0530	6066	6008	205	- 3539	-3539	-3488	Critical Branch	Critical Branch	58	0	AT	205	Bilateral - Reduction because of outage of line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230918	0630	6066	6008	205	-3539	-3539	-3488	Critical Branch	Critical Branch	58	0	AT	205	Bilateral - Reduction because of outage of line 912
20230918	0930	5492	5490	215	-531	-531	-529	Critical Branch	Critical Branch	2	0	AT	215	Bilateral - Reduction because of outage of line 912
20230918	1030	5492	5490	215	-531	-531	-529	Critical Branch	Critical Branch	2	0	AT	215	Bilateral - Reduction because of outage of line 912
20230918	1130	5492	5490	215	-531	-531	-529	Critical Branch	Critical Branch	2	0	AT	215	Bilateral - Reduction because of outage of line 912
20230918	1530	5769	5755	215	-534	-534	-519	Critical Branch	Critical Branch	14	0	AT	215	Bilateral - Reduction because of outage of line 912
20230918	1630	5769	5755	215	-534	-534	-519	Critical Branch	Critical Branch	14	0	AT	215	Bilateral - Reduction because of outage of line 912
20230918	1730	5769	5755	215	-534	-534	-519	Critical Branch	Critical Branch	14	0	AT	215	Bilateral - Reduction because of outage of line 912
20230918	1830	6136	6106	215	-1128	-1128	-1097	Critical Branch	Critical Branch	30	0	AT	215	Bilateral - Reduction because of outage of line 912
20230918	1930	6136	6106	215	-1128	-1128	-1097	Critical Branch	Critical Branch	30	0	AT	215	Bilateral - Reduction because of outage of line 912
20230918	2030	6136	6106	215	-1128	-1128	-1097	Critical Branch	Critical Branch	30	0	AT	215	Bilateral - Reduction because of outage of line 912
20230918	2130	6143	6112	215	-787	-787	-754	Critical Branch	Critical Branch	31	0	AT	215	Bilateral - Reduction because of outage of line 912
20230918	2230	6143	6112	215	-787	-787	-754	Critical Branch	Critical Branch	31	0	AT	215	Bilateral - Reduction because of outage of line 912
20230918	2330	5543	5510	205	-194	-194	-158	Critical Branch	Critical Branch	33	0	AT	205	Bilateral - Reduction because of outage of line 912

4.2.2. Reduction on TTC and on 70% requirement

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

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

Table 8: D2 TS with global TTC reduction and reduction compared to 70% during the validation process for July

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230704	0030	7819	7132	-498	-498	189	Critical Branch	Validation phase	687	189	CH	6942	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230704	0130	7819	7132	-498	-498	189	Critical Branch	Validation phase	687	189	CH	6942	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230704	0230	7819	7132	-498	-498	189	Critical Branch	Validation phase	687	189	CH	6942	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230707	0930	6261	6019	4127	471	3898	Minimum Margin	Validation phase	242	242	FR	5829	Process fail during TSO validation phase
20230707	1030	6261	6019	4127	471	3898	Minimum Margin	Validation phase	242	242	FR	5829	Process fail during TSO validation phase
20230707	1130	6261	6019	4127	471	3898	Minimum Margin	Validation phase	242	242	FR	5829	Process fail during TSO validation phase

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230712	1530	6725	6020	-163	-163	542	Critical Branch	Validation phase	705	542	CH	5830	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230712	1630	6725	6020	-163	-163	542	Critical Branch	Validation phase	705	542	CH	5830	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230712	1730	6725	6020	-163	-163	542	Critical Branch	Validation phase	705	542	CH	5830	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230717	0930	7148	7085	755	308	510	Minimum Margin	Validation phase	63	63	FR	6895	null / [FR-FR] Menton-Trinite Victor [DIR] [FR]
20230717	1030	7148	7085	755	308	510	Minimum Margin	Validation phase	63	63	FR	6895	null / [FR-FR] Menton-Trinite Victor [DIR] [FR]
20230717	1130	7148	7085	755	308	510	Minimum Margin	Validation phase	63	63	FR	6895	null / [FR-FR] Menton-Trinite Victor [DIR] [FR]
20230717	2130	7761	7182	-251	-251	328	Critical Branch	Validation phase	579	328	CH	6992	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230717	2230	7761	7182	-251	-251	328	Critical Branch	Validation phase	579	328	CH	6992	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230717	2330	7515	6936	354	354	579	Minimum Margin	Validation phase	579	579	CH	6746	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230718	0330	8253	7473	1809	547	2042	Minimum Margin	Validation phase	780	780	CH	7283	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Mettlen , C: N-2 BONADUZ-SILS
20230718	0430	8253	7473	1809	547	2042	Minimum Margin	Validation phase	780	780	CH	7283	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Mettlen , C: N-2 BONADUZ-SILS
20230718	0530	8253	7473	1809	547	2042	Minimum Margin	Validation phase	780	780	CH	7283	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Mettlen , C: N-2 BONADUZ-SILS
20230718	0630	8253	7473	1809	547	2042	Minimum Margin	Validation phase	780	780	CH	7283	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Mettlen , C: N-2 BONADUZ-SILS
20230719	0730	7187	7085	2248	347	2003	Minimum Margin	Validation phase	102	102	FR	6895	null / [FR-FR] Menton-Trinite Victor [DIR] [FR]
20230719	0830	7187	7085	2248	347	2003	Minimum Margin	Validation phase	102	102	FR	6895	null / [FR-FR] Menton-Trinite Victor [DIR] [FR]
20230720	0030	7906	6833	133	67	1139	Minimum Margin	Validation phase	1073	1073	CH	6643	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA
20230720	0130	7906	6833	133	67	1139	Minimum Margin	Validation phase	1073	1073	CH	6643	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA
20230720	0230	7906	6833	133	67	1139	Minimum Margin	Validation phase	1073	1073	CH	6643	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230720	0730	7251	7153	411	411	98	Minimum Margin	Validation phase	98	98	FR	6963	N-2 Albertville-Rondissone / [FR-FR] PST LA PRAZ [DIR] [FR]
20230720	0830	7251	7153	411	411	98	Minimum Margin	Validation phase	98	98	FR	6963	N-2 Albertville-Rondissone / [FR-FR] PST LA PRAZ [DIR] [FR]
20230725	1230	7221	7032	2632	424	2397	Minimum Margin	Validation phase	189	189	FR	6842	Process fail during TSO validation phase
20230725	1330	7221	7032	2632	424	2397	Minimum Margin	Validation phase	189	189	FR	6842	Process fail during TSO validation phase
20230725	1430	7221	7032	2632	424	2397	Minimum Margin	Validation phase	189	189	FR	6842	Process fail during TSO validation phase
20230727	1530	6946	6775	418	406	183	Minimum Margin	Validation phase	171	171	FR	6585	N-1 Chaffard Grande Ile 2 / [FR-FR] Menton-Trinite Victor [DIR] [FR]
20230727	1630	6946	6775	418	406	183	Minimum Margin	Validation phase	171	171	FR	6585	N-1 Chaffard Grande Ile 2 / [FR-FR] Menton-Trinite Victor [DIR] [FR]
20230727	1730	6946	6775	418	406	183	Minimum Margin	Validation phase	171	171	FR	6585	N-1 Chaffard Grande Ile 2 / [FR-FR] Menton-Trinite Victor [DIR] [FR]
20230730	0730	6507	6483	1382	267	1139	Minimum Margin	Validation phase	24	24	FR	6293	N-2 Albertville-Rondissone / [IT-FR] Camporosso-Menton [OPP] [FR]
20230730	0830	6507	6483	1382	267	1139	Minimum Margin	Validation phase	24	24	FR	6293	N-2 Albertville-Rondissone / [IT-FR] Camporosso-Menton [OPP] [FR]
20230730	1830	7731	5826	- 1793	-1793	112	Critical Branch	Validation phase	1905	112	CH	5636	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia- Gorlago + Robbia-S.Fiorano

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230730	1930	7731	5826	- 1793	-1793	112	Critical Branch	Validation phase	1905	112	CH	5636	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230730	2030	7731	5826	- 1793	-1793	112	Critical Branch	Validation phase	1905	112	CH	5636	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230730	2130	7659	6095	-717	-717	847	Critical Branch	Validation phase	1564	847	CH	5905	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230730	2230	7659	6095	-717	-717	847	Critical Branch	Validation phase	1564	847	CH	5905	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES
20230730	2330	7659	6095	-717	-717	847	Critical Branch	Validation phase	1564	847	CH	5905	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES

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

		TTC			ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230701	1530	7618	7123	215	180	180	496	Minimum Margin	Validation phase	495	496	AT	215	Bilateral - Reduction because NTC over thermal limit on border

TTC					ANTC			LimitedBy		Validation					
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason	
20230701	1630	7618	7123	215	180	180	496	Minimum Margin	Validation phase	495	496	AT	215	Bilateral - Reduction because NTC over thermal limit on border	
20230701	1730	7618	7123	215	180	180	496	Minimum Margin	Validation phase	495	496	AT	215	Bilateral - Reduction because NTC over thermal limit on border	
20230701	2130	7848	7174	215	-608	-608	66	Critical Branch	Validation phase	674	66	AT	215	Bilateral - Reduction because NTC over thermal limit on border	
20230701	2230	7848	7174	215	-608	-608	66	Critical Branch	Validation phase	674	66	AT	215	Bilateral - Reduction because NTC over thermal limit on border	
20230701	2330	7448	6774	205	-232	-232	442	Critical Branch	Validation phase	674	442	AT	205	Bilateral - Reduction because NTC over thermal limit on border	
20230710	0330	8637	7922	205	-595	-595	122	Critical Branch	Validation phase	715	122	AT	205	Bilateral - Reduction because outage of line 912	
20230710	0430	8637	7922	205	-595	-595	122	Critical Branch	Validation phase	715	122	AT	205	Bilateral - Reduction because outage of line 912	
20230710	0530	8637	7922	205	-595	-595	122	Critical Branch	Validation phase	715	122	AT	205	Bilateral - Reduction because outage of line 912	
20230710	0630	8149	7416	205	412	412	739	Minimum Margin	Validation phase	733	739	AT	205	Bilateral - Reduction because outage of line 912	
20230710	1530	7969	6992	215	-869	-869	109	Critical Branch	Validation phase	977	109	AT	215	Bilateral - Reduction because outage of line 912	
20230710	1630	7969	6992	215	-869	-869	109	Critical Branch	Validation phase	977	109	AT	215	Bilateral - Reduction because outage of line 912	
20230710	1730	7969	6992	215	-869	-869	109	Critical Branch	Validation phase	977	109	AT	215	Bilateral - Reduction because outage of line 912	

Table 10: D2 TS with global TTC reduction and reduction compared to 70% during the validation process for August

BD	TS	Month	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230804	1530	August	6056	5860	-115	-115	81	TTC Selection - LTTC	Validation phase	196	81	CH	5670	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia
20230804	1630	August	6056	5860	-115	-115	81	TTC Selection - LTTC	Validation phase	196	81	CH	5670	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia
20230804	2330	August	6203	5905	507	507	298	Minimum Margin	Validation phase	298	298	FR	5715	N-1 Soazza-Bulciago / [FR-FR] Menton-Trinite Victor [DIR] [FR]
20230805	0730	August	7612	5542	-409	-409	1661	Critical Branch	Validation phase	2070	1661	CH	5352	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230805	0830	August	7178	5108	266	266	2070	Minimum Margin	Validation phase	2070	2070	CH	4918	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230813	1830	August	6532	4323	-1138	-1138	1071	Critical Branch	Validation phase	2209	1071	CH	4133	Missing CNEC in CC: CNE: 220kV Pallanzeno - Serra , C: N-2 Pradella-Robbia + Filisur-Robbia
20230813	1930	August	7026	4817	-1471	-1471	738	Critical Branch	Validation phase	2209	738	CH	4627	Missing CNEC in CC: CNE: 220kV Pallanzeno -

BD	TS	Month	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230813	2030	August	7026	4817	-1471	-1471	738	Critical Branch	Validation phase	2209	738	CH	4627	Serra , C: N-2 Pradella-Robbia + Filisur-Robbia Missing CNEC in CC: CNE: 220kV Pallanzeno - Serra , C: N-2 Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230816	0030	August	6508	5446	-522	-522	540	Critical Branch	Validation phase	1062	540	CH	5256	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230816	0130	August	6508	5446	-522	-522	540	Critical Branch	Validation phase	1062	540	CH	5256	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230816	0230	August	6508	5446	-522	-522	540	Critical Branch	Validation phase	1062	540	CH	5256	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230816	1530	August	6138	5320	-132	-132	686	Critical Branch	Validation phase	818	686	CH	5130	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230816	1630	August	6138	5320	-132	-132	686	Critical Branch	Validation phase	818	686	CH	5130	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	TS	Month	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230816	1730	August	6138	5320	-132	-132	686	Critical Branch	Validation phase	818	686	CH	5130	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia Missing CNEC in CC: CNE: 220kV Avise - Riddes , C: N-2 Robbia-Gorlago + Piancamuno-S.Fiorano Missing CNEC in CC: CNE: 380kV Gorlago - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano Missing CNEC in CC: CNE: 380kV Gorlago - Robbia , C: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230816	2330	August	5079	4740	-269	-269	70	Critical Branch	Validation phase	339	70	CH	4550	
20230818	1530	August	6459	6402	1369	533	893	Minimum Margin	Validation phase	57	57	CH	6212	
20230818	1630	August	7351	7294	25	25	57	Minimum Margin	Validation phase	57	57	CH	7104	
20230818	1730	August	7351	7185	25	25	166	Minimum Margin	Smoothing ramp	166	166	Smoothing		

Table 11: D2 TS with bilateral TTC reduction and reduction compared to 70% during the validation process for August

BD	TS	Month	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230802	0030	August	7247	7059	205	292	103	375	Minimum Margin	Validation phase	188	186	AT	205	Bilateral - Reduction because NTC over thermal limit on border

BD	TS	Month	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230802	0130	August	7247	7059	205	292	103	375	Minimum Margin	Validation phase	188	186	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230802	0230	August	7247	7059	205	292	103	375	Minimum Margin	Validation phase	188	186	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230802	0330	August	7576	7556	205	1542	558	994	Minimum Margin	Minimum Margin	20	10	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230802	0430	August	7576	7556	205	1542	558	994	Minimum Margin	Minimum Margin	20	10	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230802	0530	August	7576	7556	205	1542	558	994	Minimum Margin	Minimum Margin	20	10	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230802	0630	August	7576	7556	205	1542	558	994	Minimum Margin	Minimum Margin	20	10	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230826	0930	August	5943	5926	215	305	305	23	Minimum Margin	Minimum Margin	17	23	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230826	1030	August	5943	5926	215	305	305	23	Minimum Margin	Minimum Margin	17	23	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230826	1130	August	5943	5926	215	305	305	23	Minimum Margin	Minimum Margin	17	23	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230826	2130	August	5846	5833	215	370	160	225	Minimum Margin	Minimum Margin	13	15	AT	215	Bilateral - Reduction because NTC over thermal limit on border
20230826	2230	August	5846	5833	215	370	160	225	Minimum Margin	Minimum Margin	13	15	AT	215	Bilateral - Reduction because NTC over thermal limit on border

BD	TS	Month	TTC			ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230826	2330	August	5445	5432	205	752	159	608	Minimum Margin	Minimum Margin	13	15	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	0330	August	6494	6314	205	368	368	177	Minimum Margin	Validation phase	180	177	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	0430	August	6494	6314	205	368	368	177	Minimum Margin	Validation phase	180	177	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	0530	August	6494	6314	205	368	368	177	Minimum Margin	Validation phase	180	177	AT	205	Bilateral - Reduction because NTC over thermal limit on border
20230827	0630	August	6494	6314	205	368	368	177	Minimum Margin	Validation phase	180	177	AT	205	Bilateral - Reduction because NTC over thermal limit on border

Table 12: D2 TS with global TTC reduction and reduction compared to 70% during the validation process for September

BD	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
		Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%			
20230903	0930	8455	6644	-1185	-1185	626	Critical Branch	Validation phase	1811	626	CH	6454	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230903	1030	8455	5351	-1185	-1185	1919	Critical Branch	Validation phase	3104	1919	CH	5161	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230903	1130	8455	5351	- 1185	-1185	1919	Critical Branch	Validation phase	3104	1919	CH	5161	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230903	1230	7882	5351	- 1724	-1724	807	Critical Branch	Validation phase	2531	807	CH	5161	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230903	1330	7882	5351	- 1724	-1724	807	Critical Branch	Validation phase	2531	807	CH	5161	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230903	1430	7882	5351	- 1724	-1724	807	Critical Branch	Validation phase	2531	807	CH	5161	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230903	1530	7845	5351	- 1808	-1808	686	Critical Branch	Validation phase	2494	686	CH	5161	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230903	1630	7845	5351	- 1808	-1808	686	Critical Branch	Validation phase	2494	686	CH	5161	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230903	1730	8045	5351	- 2047	-2047	647	Critical Branch	Validation phase	2694	647	CH	5161	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230904	1230	6844	5012	187	187	1832	Minimum Margin	Validation phase	1832	1832	CH	4822	Pradella-Robbia + Filisur-Robbia Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230904	1330	6844	5012	187	187	1832	Minimum Margin	Validation phase	1832	1832	CH	4822	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230904	1430	6844	5012	187	187	1832	Minimum Margin	Validation phase	1832	1832	CH	4822	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230904	1530	6711	5012	-824	-824	875	Critical Branch	Validation phase	1699	875	CH	4822	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230904	1630	6711	5012	-824	-824	875	Critical Branch	Validation phase	1699	875	CH	4822	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230904	1730	6711	5012	-824	-824	875	Critical Branch	Validation phase	1699	875	CH	4822	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230905	0930	6282	5615	655	517	805	Minimum Margin	Validation phase	667	667	CH	5425	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230905	1030	6282	5615	655	517	805	Minimum Margin	Validation phase	667	667	CH	5425	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230905	1130	6282	5615	655	517	805	Minimum Margin	Validation phase	667	667	CH	5425	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230905	1230	6827	5497	399	399	1330	Minimum Margin	Validation phase	1330	1330	CH	5307	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230905	1330	6827	5497	399	399	1330	Minimum Margin	Validation phase	1330	1330	CH	5307	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230905	1430	6827	5497	399	399	1330	Minimum Margin	Validation phase	1330	1330	CH	5307	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230905	1530	6879	5523	-651	-651	705	Critical Branch	Validation phase	1356	705	CH	5333	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230905	1630	6879	5523	-651	-651	705	Critical Branch	Validation phase	1356	705	CH	5333	Pradella-Robbia + Filisur- Robbia Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur- Robbia
20230905	1730	6879	5523	-651	-651	705	Critical Branch	Validation phase	1356	705	CH	5333	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur- Robbia
20230920	0030	6000	4635	-915	-915	450	Critical Branch	Validation phase	1365	450	IT	4445	SWG was not able to perform the Validation. SWG asked TERNA to set MNIlp values.
20230920	0130	6000	4635	-915	-915	450	Critical Branch	Validation phase	1365	450	IT	4445	SWG was not able to perform the Validation. SWG asked TERNA to set MNIlp values.
20230920	0230	6000	4635	-915	-915	450	Critical Branch	Validation phase	1365	450	IT	4445	SWG was not able to perform the Validation. SWG asked TERNA to set MNIlp values.
20230920	0830	5893	4925	-887	-887	81	Critical Branch	Validation phase	968	81	IT	4735	SWG was not able to perform the Validation. SWG asked TERNA to set MNIlp values.
20230920	2330	4776	4335	-320	-320	121	Critical Branch	Validation phase	441	121	IT	4145	SWG was not able to perform the Validation. SWG asked TERNA to set MNIlp values.
20230925	0330	5980	5310	-557	-557	113	Critical Branch	Validation phase	670	113	CH	5120	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2

		TTC		ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230925	0430	5980	5310	-557	-557	113	Critical Branch	Validation phase	670	113	CH	5120	Robbia-Gorlago + Robbia-S.Fiorano Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230925	0530	5980	5310	-557	-557	113	Critical Branch	Validation phase	670	113	CH	5120	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230925	0630	5980	5310	-557	-557	113	Critical Branch	Validation phase	670	113	CH	5120	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

Table 13: D2 TS with bilateral TTC reduction and reduction compared to 70% during the validation process for September

		TTC			ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230908	0030	6560	5880	134	-657	-657	11	Critical Branch	Validation phase	680	11	AT	134	Bilateral - Reduction due to outage of line 912
20230908	0130	6560	5880	134	-657	-657	11	Critical Branch	Validation phase	680	11	AT	134	Bilateral - Reduction due to outage of line 912

TTC					ANTC			LimitedBy		Validation				
BD	TS	Adj	Validated	Border	Final	Feasible	NTC1	Adjustment	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230908	0230	6560	5880	134	-657	-657	11	Critical Branch	Validation phase	680	11	AT	134	Bilateral - Reduction due to outage of line 912
20230916	0330	6507	6126	205	-333	-333	16	Critical Branch	Validation phase	381	16	AT	205	Bilateral - Reduction because of outage of line 912
20230916	0430	6507	6126	205	-333	-333	16	Critical Branch	Validation phase	381	16	AT	205	Bilateral - Reduction because of outage of line 912
20230916	0530	6507	6126	205	-333	-333	16	Critical Branch	Validation phase	381	16	AT	205	Bilateral - Reduction because of outage of line 912
20230916	0630	6507	6126	205	-333	-333	16	Critical Branch	Validation phase	381	16	AT	205	Bilateral - Reduction because of outage of line 912
20230917	1230	4143	4110	205	806	570	273	Minimum Margin	Minimum Margin	33	37	AT	205	Bilateral - Reduction because of outage of line 912
20230917	1330	4143	4110	205	806	570	273	Minimum Margin	Minimum Margin	33	37	AT	205	Bilateral - Reduction because of outage of line 912
20230917	1430	4143	4110	205	806	570	273	Minimum Margin	Minimum Margin	33	37	AT	205	Bilateral - Reduction because of outage of line 912

4.3. Deviation from coordinated actions

Not applicable for Italy North region, since there were no coordinated actions or recommendations issued in the region.

Coreso and TSCNET will report on coordinated actions and recommendations once the coordinated validation methodology is approved and the confirmation procedure as per Art. 13 para. 2 "RCC Establishment Provisions" is implemented. The implementation of the coordinated validation will be done according to an implementation plan which will be submitted together with the amendment of the Capacity Calculation Methodology (CCM) DA for Core by the Core TSOs to Core NRAs before December 8th, 2023.

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

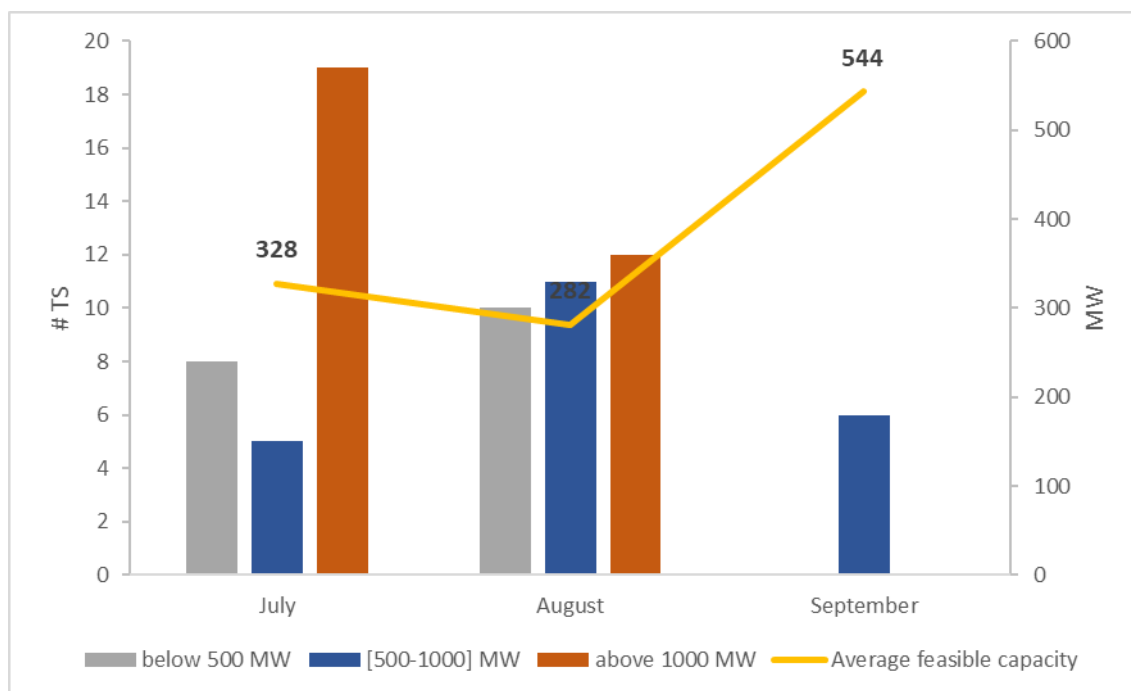
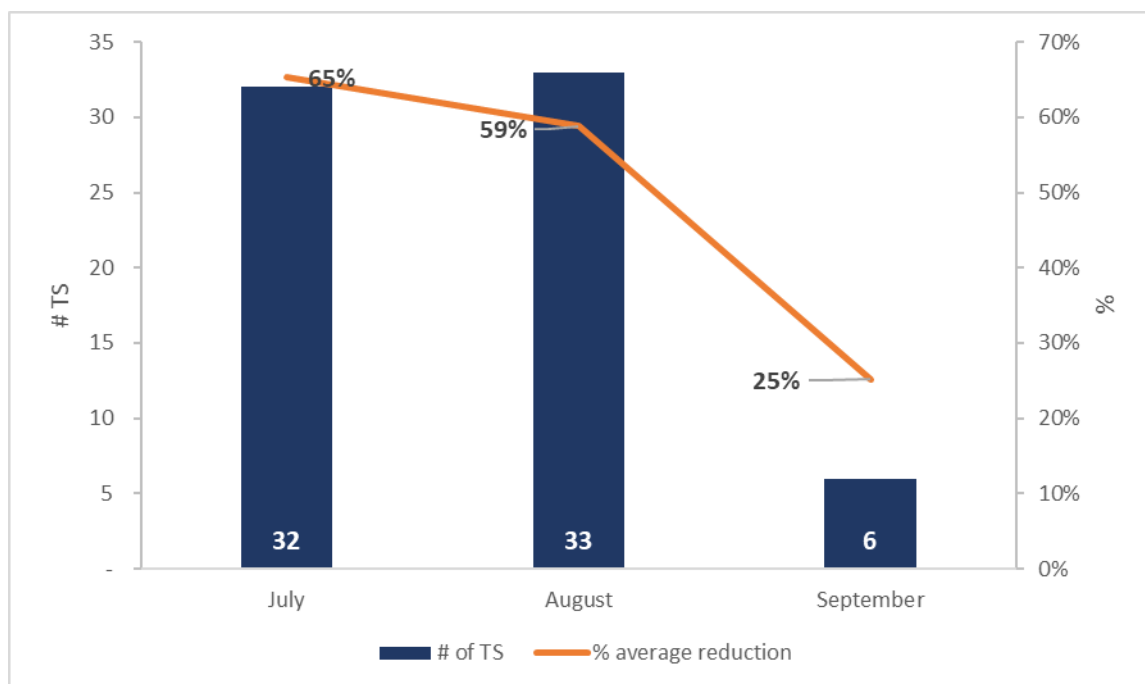


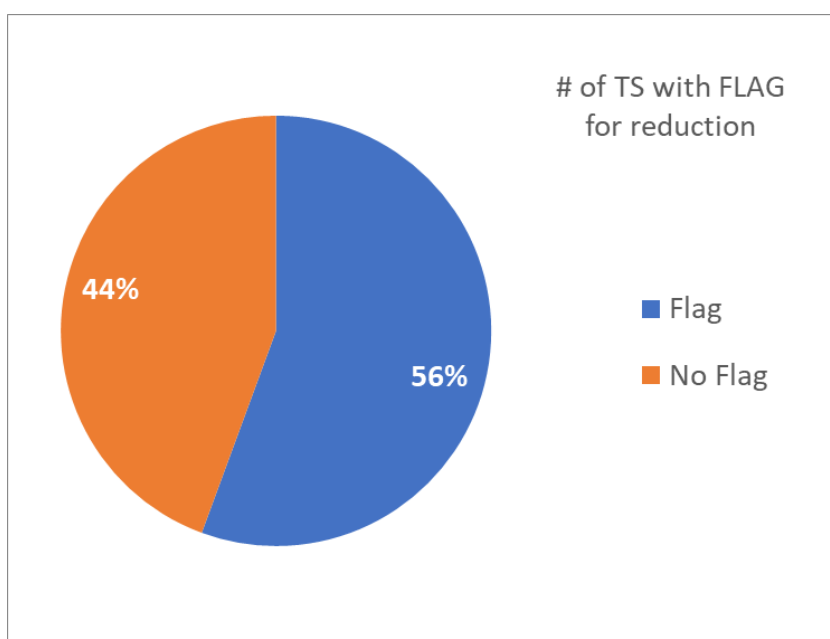
Figure 5: D2 # TS with reduction per month vs the average % of reduction on that month



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

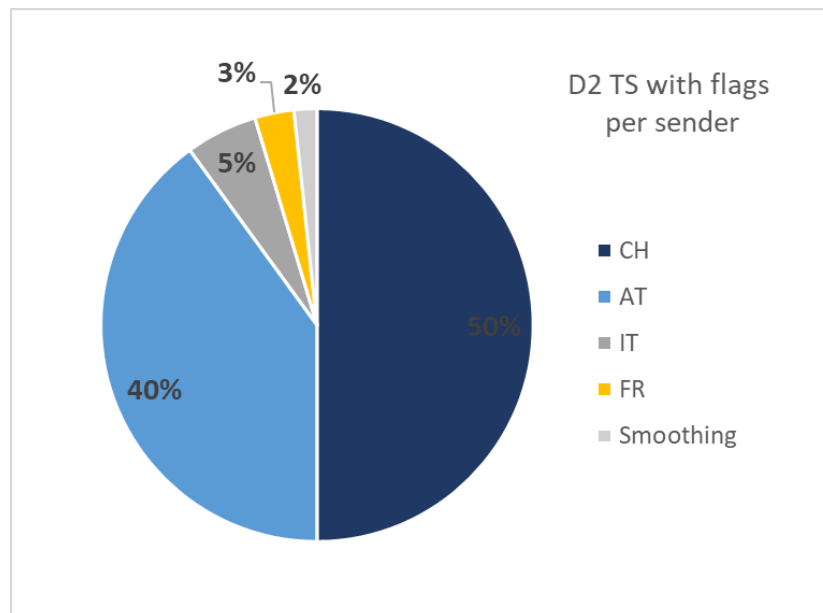


In D2, the validation process during Q3 was limited by five types of flag's provider:

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

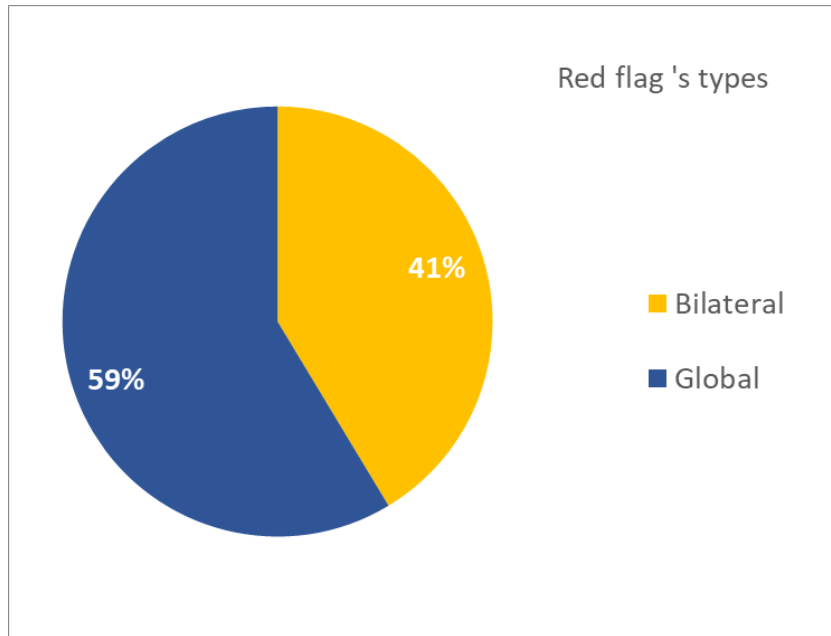
The following picture presents the share of each type of flag during the quarter. It can be seen that the TSO with the highest share of reduction is APG.

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



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

Figure 8: D2 Share of global and bilateral flags



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

- Overload
- Fault
- Missing CNEC
- Process fail
- Other

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

Figure 9: D2 type of flags sent by Swissgrid

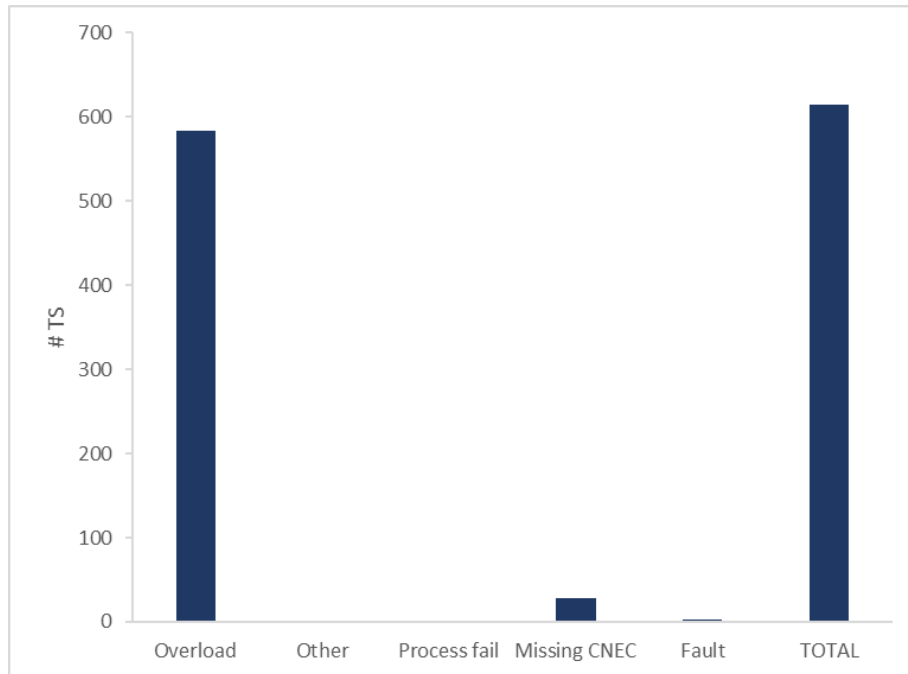


Figure 10: D2 type of flags sent by APG

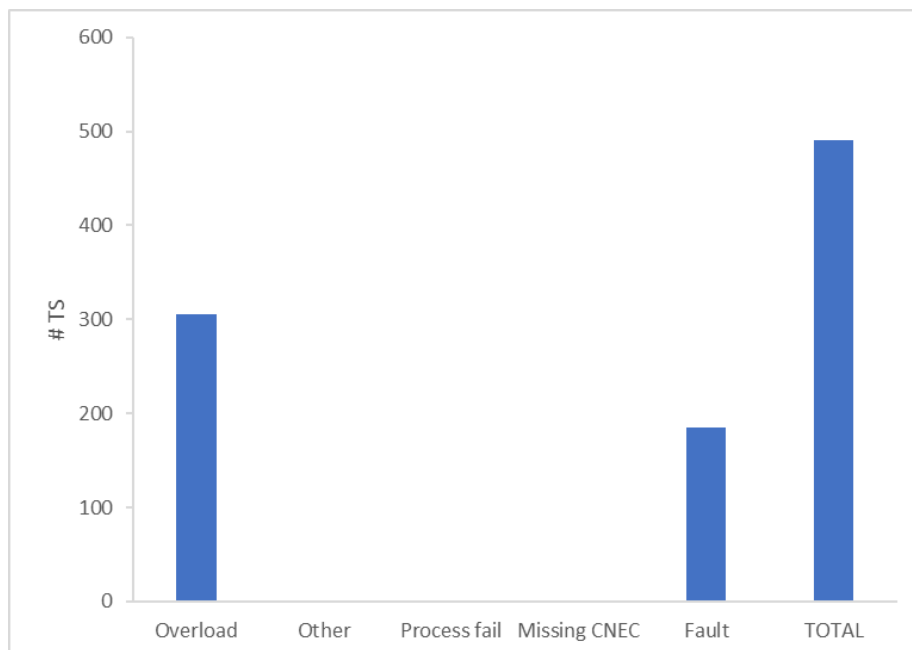


Figure 11: D2 type of flags sent by Terna

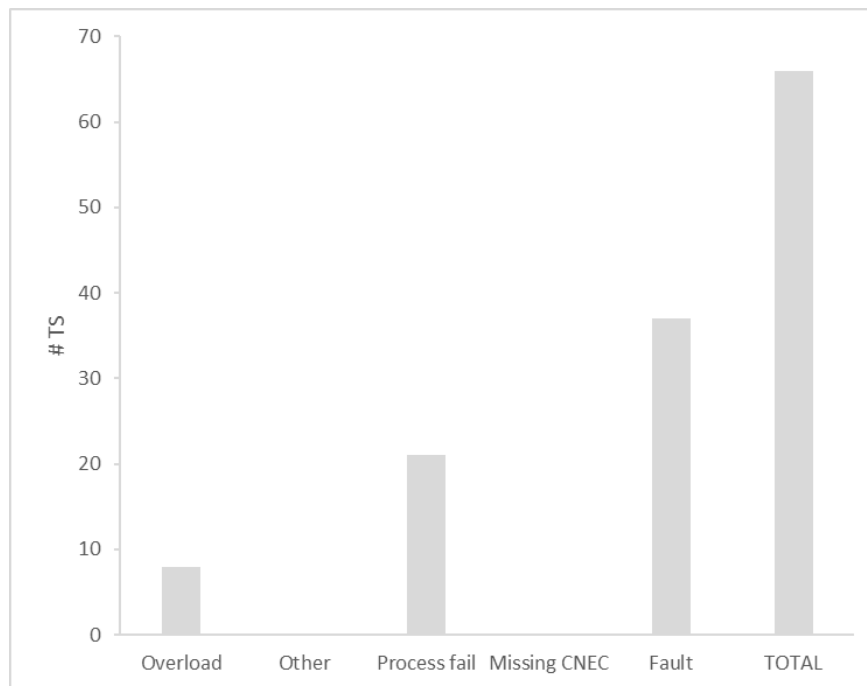
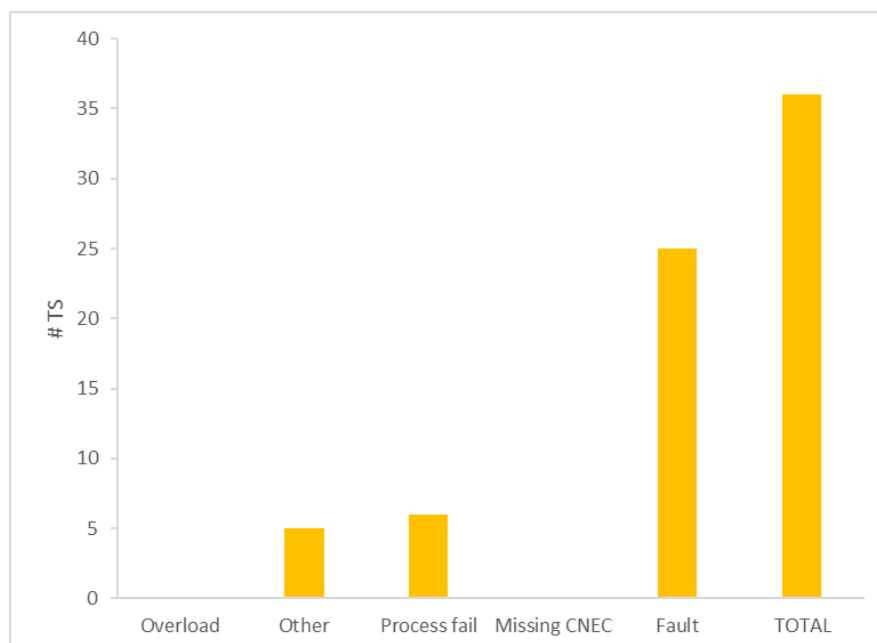


Figure 12: D2 type of flags sent by RTE



Finally, the Overload reasons have been analysed and the following lines and outages are the ones that have been limiting the capacity during the Q3.

Table 14: D2 list of Critical Branches reported on FLAGS

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

Table 15: D2 list of Critical Outages reported on FLAGS

CO name
N-2 Robbia-Gorlago + Robbia-S.Fiorano
N-2 ALBERTVILLE-RONDISSONE
N-2 Pradella-Robbia + Filisur-Robbia
380KV GORLAGO-ROBBIA
N-2 Divaca-Redipuglia + Divaca-Padriciano
N-2 BONADUZ-SILS
N-1 SOAZZA-BULCIAGO
N-2 Gorlago-Piancamuno + Robbia-Gorlago
380KV SILS-SOAZZA
N-2 Robbia-Gorlago + Robbia-S.Fiorano
N-1 AVISE-RIDDES
N-2 Pradella-Sils + Filisur-Robbia
N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
N-1 VILLARODIN-VENAUS
N-2 Robbia-Gorlago + Robbia-S.Fiorano"
N-1 ROBBIA-S.FIORANO

4.5 Recommendations

Not applicable for Italy North region

5. ID information

5.1. Reduction of capacity after 70% adjustment

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

The following figure presents, per month, a summary of the TSs that RCCs successfully performed in Q3 the TTC calculation process. Please note that only on these calculated TSs, the adjustment process could be performed. From Figure 13, we see that for Q3 2023, RCCs recorded significant increase in TTC calculation success rate compared to Q2 report and also across the successive months within the quarter.

Figure 13: ID TTC Calculation results

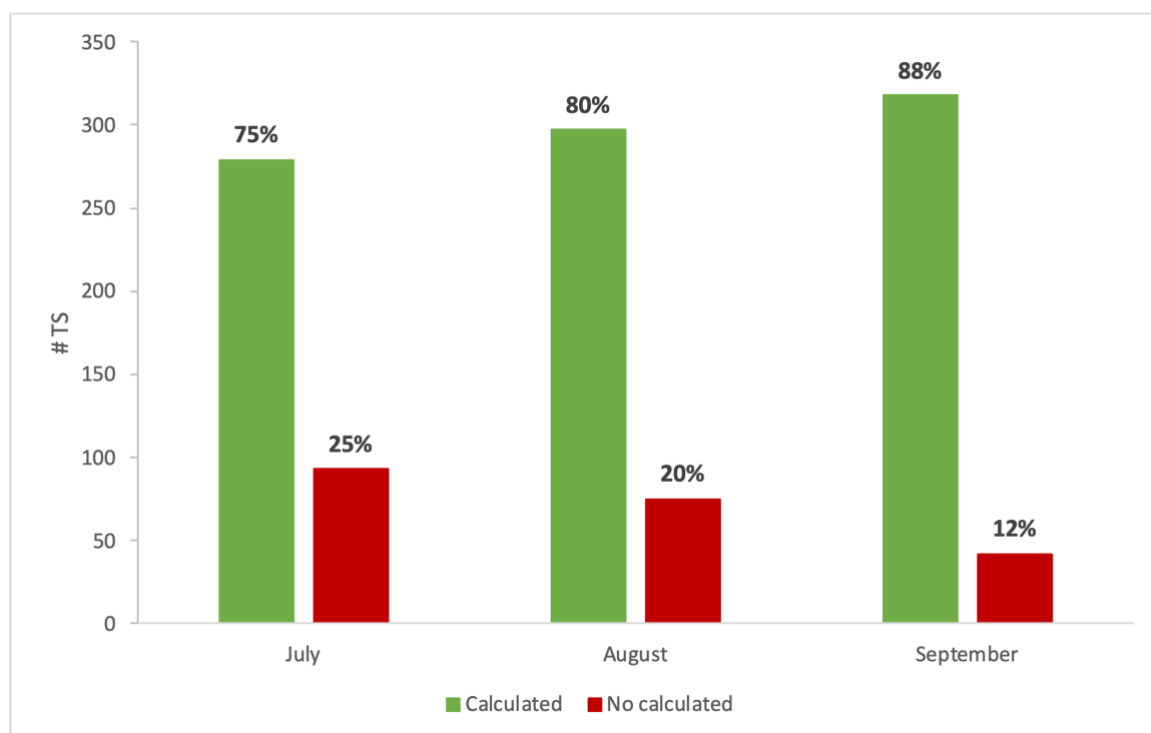
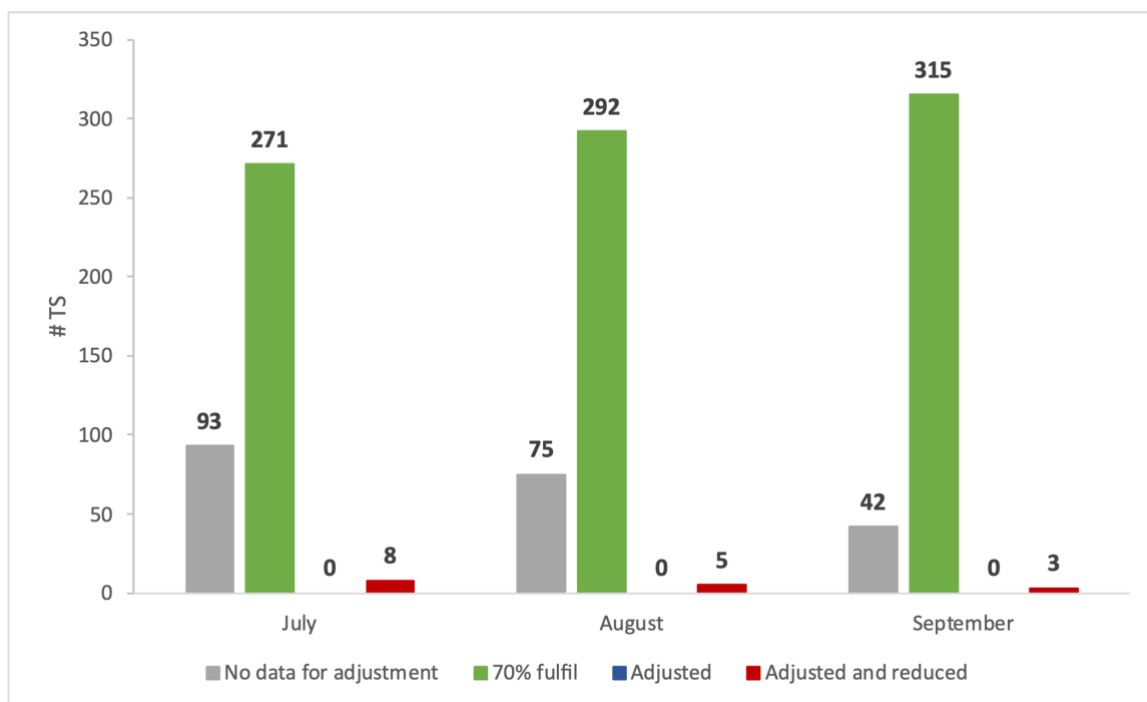


Figure 14 presents the different TSs for the ID process classified as described in the D2 cases in sub-section 4.1. In the case of ID process, the 70% minMargin compliant timestamps consist of two different cases:

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

¹ For the 2023 Q3 report it was not feasible to make the distinction between the TS compliant in D2 process and the ones not compliant. These details will be considered for the future reports.

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



More details are presented for Q3 2023 for the ID process in the following tables below. The TS captured are cases which the reduction of capacity occurred after the 70% minMargin adjustment for the IDCC process. Eight, five and 3 cases were recording in July, August and September respectively.

Table 16: ID Reduction after 70% minMargin adjustment for Q3

BD	Month	TS	TTC	ANTC		LimitedBy	70% reduction	% reduction	Category
			Adj	ANTCfinal	ANTCfeasible	Adj			
20230708	July	1830	7944	1657	261	Minimum Margin	1396	84%	above 1000 MW
20230708	July	1930	7944	1657	261	Minimum Margin	1396	84%	above 1000 MW
20230708	July	2030	7944	1657	261	Minimum Margin	1396	84%	above 1000 MW
20230708	July	2230	6804	578	275	Minimum Margin	303	52%	[500-1000] MW
20230708	July	2330	6204	1165	275	Minimum Margin	890	76%	above 1000 MW
20230720	July	1530	6864	3410	253	Minimum Margin	3157	93%	above 1000 MW
20230720	July	1630	6864	3410	253	Minimum Margin	3157	93%	above 1000 MW
20230720	July	1730	6864	3410	253	Minimum Margin	3157	93%	above 1000 MW
20230803	August	2330	5755	9999	227	Minimum Margin	9772	98%	above 1000 MW
20230814	August	1230	1310	4301	294	Minimum Margin	4007	93%	above 1000 MW
20230814	August	1330	1310	4301	294	Minimum Margin	4007	93%	above 1000 MW
20230814	August	1430	1310	4301	294	Minimum Margin	4007	93%	above 1000 MW

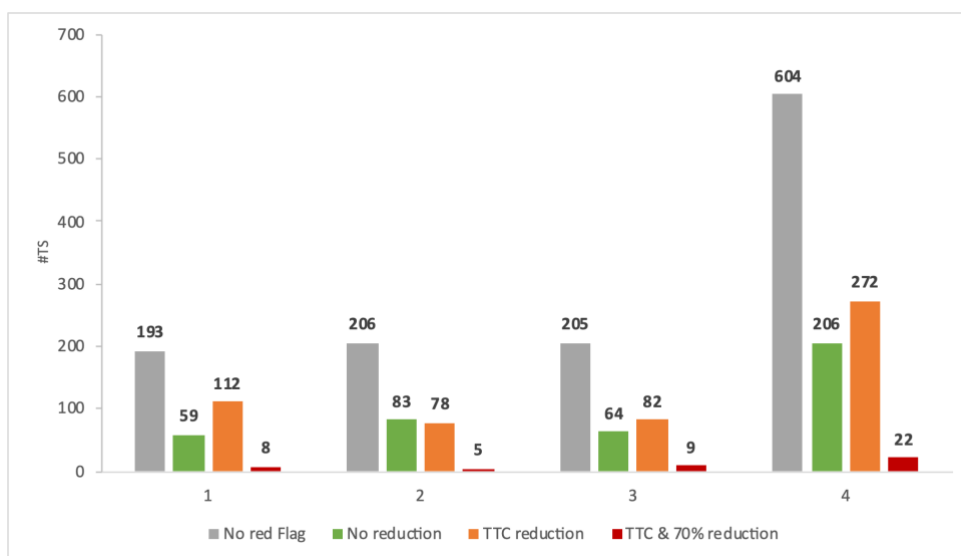
BD	Month	TS	TTC	ANTC		LimitedBy	70% reduction	% reduction	Category
			Adj	ANTCfinal	ANTCfeasible	Adj			
20230814	August	1530	4810	360	336	Minimum Margin	24	7%	below 500 MW
20230907	September	1230	5151	1037	304	Minimum Margin	733	71%	above 1000 MW
20230907	September	1330	5151	1037	304	Minimum Margin	733	71%	above 1000 MW
20230907	September	1430	5151	1037	304	Minimum Margin	733	71%	above 1000 MW

5.2. Reduction of capacity after TSOs validation

According to the criteria defined in subsection 2.2, in this subsection, we present the TSs within the ID processes where reduction of capacity occurred after TSO validation. The following figure presents the different TS for the ID process as described in the D2 cases in subsection 4.2.

For this quarter, for all business days the validation of the TSOs could be taken into account in the final step of the NTC calculation, Figure 15 provides a summary of all the relevant cases.

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



5.2.1 Reduction on TTC

In this section the TS 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 17: ID TS with global TTC reduction during the validation process for July

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230701	July	1830	7798	7425	0	0	0	Critical Branch	Validation phase	373	0	CH	7235	Missing CNEC in CC: CNE: 220kV Pallanzeno - Serra , C: N-2 Pradella-Robbia + Filisur-Robbia
20230701	July	1930	7798	7731	0	0	0	Critical Branch	Validation phase	67	0	CH	7541	Missing CNEC in CC: CNE: 220kV Pallanzeno - Serra , C: N-1 CREYS-SAINT VULBAS 1
20230703	July	1830	6785	6093	0	0	0	Critical Branch	Validation phase	692	0	CH	5885	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230703	July	2030	6785	6613	0	0	0	Critical Branch	Validation phase	172	0	CH	6423	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230704	July	1830	7694	6507	0	0	0	Critical Branch	Scheduled TTC	1187	0	Fictive Flag		
20230704	July	1930	7694	6507	0	0	0	Critical Branch	Scheduled TTC	1187	0	Fictive Flag		
20230704	July	2030	7694	6507	0	0	0	Critical Branch	Scheduled TTC	1187	0	Fictive Flag		

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230704	July	2130	7672	7010	0	0	0	Critical Branch	Scheduled TTC	662	0	Fictive Flag		
20230704	July	2230	7672	7010	0	0	0	Critical Branch	Scheduled TTC	662	0	Fictive Flag		
20230704	July	2330	7882	7221	0	0	0	Critical Branch	Scheduled TTC	661	0	Fictive Flag		
20230705	July	1330	6825	6765	0	0	0	Scheduled TTC	Validation phase	60	0	CH	6575	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 PRADELLA-ROBBIA
20230705	July	1430	6825	6747	0	0	0	Scheduled TTC	Validation phase	78	0	CH	6557	Expected overloading on the following CNEC: CNE: 380kV Gorlago - Robbia , C: N-1 ROBBIA-S.FIORANO
20230705	July	1530	6825	6801	0	0	0	Scheduled TTC	Validation phase	24	0	CH	6611	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-1 ROBBIA-S.FIORANO
20230705	July	1630	6825	6729	0	0	0	Scheduled TTC	Validation phase	96	0	CH	6539	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230705	July	1730	6825	6748	0	0	0	Scheduled TTC	Validation phase	77	0	CH	6558	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230705	July	1830	6825	6793	0	0	0	Scheduled TTC	Validation phase	32	0	CH	6603	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230705	July	1930	6825	6799	0	0	0	Scheduled TTC	Validation phase	26	0	CH	6609	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230705	July	2030	6825	6744	0	0	0	Scheduled TTC	Validation phase	81	0	CH	6554	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230705	July	2130	6825	6600	0	0	0	Scheduled TTC	Validation phase	225	0	CH	6410	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230705	July	2230	6825	5644	0	0	0	Scheduled TTC	Validation phase	1181	0	CH	5454	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230705	July	2330	6662	6095	0	0	0	Scheduled TTC	Validation phase	567	0	CH	5900	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230706	July	1230	6825	6815	0	0	0	Scheduled TTC	Validation phase	10	0	CH	6625	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia- Gorlago + Robbia-S.Fiorano
20230706	July	2130	6825	6289	0	0	0	Scheduled TTC	Validation phase	536	0	CH	6099	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230706	July	2230	6825	6689	0	0	0	Scheduled TTC	Validation phase	136	0	CH	6499	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230707	July	1530	7639	5492	0	0	0	Critical Branch	Scheduled TTC	2147	0	Fictive Flag		
20230707	July	1630	7639	5492	0	0	0	Critical Branch	Scheduled TTC	2147	0	Fictive Flag		
20230707	July	1730	7639	5492	0	0	0	Critical Branch	Scheduled TTC	2147	0	Fictive Flag		
20230707	July	1830	7942	6670	0	0	0	Critical Branch	Scheduled TTC	1272	0	Fictive Flag		
20230707	July	1930	7942	6670	0	0	0	Critical Branch	Scheduled TTC	1272	0	Fictive Flag		
20230707	July	2030	7942	6670	0	0	0	Critical Branch	Scheduled TTC	1272	0	Fictive Flag		

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230707	July	2130	7097	6587	0	0	0	Critical Branch	Scheduled TTC	510	0	Fictive Flag		
20230707	July	2230	7097	6587	0	0	0	Critical Branch	Scheduled TTC	510	0	Fictive Flag		
20230707	July	2330	6697	6188	0	0	0	Critical Branch	Scheduled TTC	509	0	Fictive Flag		
20230708	July	1530	7162	6577	-1859	-1859	-1274	GSK Limitation	Validation phase	585	0	CH	6387	Missing CNEC in CC: CNE: 380kV Gorlago - Robbia , C: N-2 Pradella-Sils + Filisur-Robbia
20230708	July	2130	7107	6943	164	164	0	Minimum Margin	Validation phase	164	0	FR	6753	Process fail during TSO validation phase
20230713	July	1230	5791	5704	0	0	0	Scheduled TTC	Validation phase	87	0	CH	5514	CNE: 380 kV Pradella-Robbia, C: PENTA: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230713	July	1330	5791	5616	0	0	0	Scheduled TTC	Validation phase	175	0	CH	5426	CNE: 380 kV Pradella-Robbia, C: PENTA: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230713	July	1530	5791	5582	0	0	0	Scheduled TTC	Validation phase	209	0	CH	5392	CNE: 380 kV Pradella-Robbia, C: PENTA: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230713	July	1630	5791	5402	0	0	0	Scheduled TTC	Validation phase	389	0	CH	5212	CNE: 380 kV Pradella-Robbia, C: PENTA: N-2 Divaca-Redipuglia + Divaca-Padriciano
20230714	July	1830	9009	7931	0	0	0	Critical Branch	Smoothing Ramp	1078	0	Smoothing		
20230714	July	2030	9009	8021	0	0	0	Critical Branch	Validation phase	988	0	CH	7831	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230714	July	2130	8942	6840	0	0	0	Critical Branch	Validation phase	2102	0	CH	6650	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230714	July	2230	8942	6958	0	0	0	Critical Branch	Validation phase	1984	0	CH	6768	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230715	July	1830	8795	7862	0	0	0	Critical Branch	Validation phase	933	0	CH	7672	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia- Gorlago + Robbia-S.Fiorano
20230715	July	1930	8795	8253	0	0	0	Critical Branch	Validation phase	542	0	CH	8062	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230715	July	2030	8795	7916	0	0	0	Critical Branch	Validation phase	879	0	CH	7726	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230716	July	1830	8180	7057	0	0	0	Critical Branch	Validation phase	1123	0	CH	6867	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia- Gorlago + Robbia-S.Fiorano
20230717	July	2030	7676	7481	0	0	0	Critical Branch	Validation phase	195	0	CH	7291	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230717	July	2130	7852	7590	- 2742	-2742	-2480	Critical Branch	Validation phase	262	0	CH	7400	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230717	July	2230	7852	7590	- 2742	-2742	-2480	Critical Branch	Validation phase	262	0	CH	7400	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230718	July	1530	7526	6993	0	0	0	Critical Branch	Validation phase	533	0	CH	6804	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230718	July	1630	7526	7148	0	0	0	Critical Branch	Validation phase	378	0	CH	6958	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230718	July	1830	7096	6708	0	0	0	Critical Branch	Validation phase	388	0	CH	6518	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 PRADELLA- ROBBIA
20230718	July	1930	7096	6955	0	0	0	Critical Branch	Validation phase	141	0	CH	6765	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230718	July	2030	7096	6743	0	0	0	Critical Branch	Validation phase	353	0	CH	6553	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV GORLAGO-ROBBIA
20230718	July	2130	8045	7202	0	0	0	Critical Branch	Validation phase	843	0	CH	7012	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230718	July	2230	8045	7184	0	0	0	Critical Branch	Validation phase	861	0	CH	6994	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230718	July	2330	7445	6921	0	0	0	Critical Branch	Validation phase	524	0	CH	6726	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230719	July	1230	7787	7331	0	0	0	Critical Branch	Validation phase	456	0	CH	7141	Missing CNEC in CC: CNE: 380kV Gorlago - Robbia , C: N-2 Pradella-Sils + Filisur-Robbia

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230719	July	1330	7787	7351	0	0	0	Critical Branch	Validation phase	436	0	CH	7161	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230719	July	1430	7787	6824	0	0	0	Critical Branch	Validation phase	963	0	CH	6633	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230719	July	1530	7871	7081	0	0	0	Critical Branch	Validation phase	790	0	CH	6891	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230719	July	1630	7871	7376	0	0	0	Critical Branch	Validation phase	495	0	CH	7187	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230719	July	1730	7871	7433	0	0	0	Critical Branch	Validation phase	438	0	CH	7242	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230719	July	1930	7796	7743	0	0	0	Critical Branch	Validation phase	53	0	CH	7552	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230719	July	2030	7796	6968	0	0	0	Critical Branch	Validation phase	828	0	CH	6778	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230719	July	2130	7456	7041	0	0	0	Critical Branch	Validation phase	415	0	CH	6851	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 SOAZZA- BULCIAGO

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230719	July	2230	7456	7081	0	0	0	Critical Branch	Validation phase	375	0	CH	6891	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-1 SOAZZA- BULCIAGO
20230720	July	1530	6864	6611	3410	253	0	Minimum Margin	Validation phase	253	-3157	FR	6421	Process fail during TSO validation phase
20230720	July	1630	6864	6611	3410	253	0	Minimum Margin	Validation phase	253	-3157	FR	6421	Process fail during TSO validation phase
20230720	July	1730	6864	6611	3410	253	0	Minimum Margin	Validation phase	253	-3157	FR	6421	Process fail during TSO validation phase
20230721	July	1330	7736	7222	0	0	0	Critical Branch	Validation phase	514	0	CH	7032	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230721	July	1430	7736	7192	0	0	0	Critical Branch	Validation phase	544	0	CH	7002	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230721	July	1530	7890	6799	- 2002	-2002	-911	Critical Branch	Validation phase	1091	0	CH	6609	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230721	July	1730	7890	6908	- 2002	-2002	-1020	Critical Branch	Validation phase	982	0	CH	6718	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230721	July	1830	7900	6939	0	0	0	Critical Branch	Validation phase	961	0	CH	6749	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230721	July	1930	7900	6705	0	0	0	Critical Branch	Validation phase	1195	0	CH	6515	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230721	July	2030	7900	6797	0	0	0	Critical Branch	Validation phase	1103	0	CH	6607	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230723	July	1530	6215	5193	0	0	0	Critical Branch	Validation phase	1022	0	CH	5003	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 Divaca- Redipuglia + Divaca-Padriciano
20230723	July	1630	6215	5193	0	0	0	Critical Branch	Validation phase	1022	0	CH	5003	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV SILS-SOAZZA
20230723	July	1730	7015	6930	0	0	0	Critical Branch	Smoothing Ramp	85	0	Smoothing		
20230723	July	1830	7492	7453	0	0	0	Critical Branch	Validation phase	39	0	CH	7263	Expected overloading on the following CNEC: CNE: 380kV Lavigo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230723	July	1930	7492	7177	0	0	0	Critical Branch	Validation phase	315	0	CH	6987	Expected overloading on the following CNEC: CNE: 380kV Lavigo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230723	July	2130	7744	7367	0	0	0	Critical Branch	Validation phase	377	0	CH	7177	Expected overloading on the following CNEC: CNE: 380kV Lavigo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230723	July	2230	7744	7118	0	0	0	Critical Branch	Validation phase	626	0	CH	6928	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230725	July	1930	6501	6487	0	0	0	Critical Branch	Validation phase	14	0	CH	6297	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: 380KV GORLAGO-ROBBIA
20230729	July	2230	7021	7006	0	0	0	Scheduled TTC	Validation phase	15	0	CH	6816	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 AVISE-RIDDES

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

BD	Month	TS	TTC		NTC	ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR/CH-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230712	July	1330	5974	5969	175	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	5	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230712	July	1430	5974	5946	152	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	28	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0

BD	Month	TS	TTC		NTC	ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR/CH-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230712	July	1530	6019	5946	108	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	73	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230713	July	1930	7844	7822	190	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	22	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230713	July	2030	7844	7697	65	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	147	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230713	July	2130	7844	7655	23	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	189	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230713	July	2230	7844	7634	2	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	210	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230714	July	1230	7608	7126	216	0	0	0	Critical Branch	Validation phase	482	0	AT	216	Bilateral - Reduction because outage of line 912
20230714	July	1330	7608	7255	216	0	0	0	Critical Branch	Validation phase	353	0	AT	216	Bilateral - Reduction because outage of line 912

			TTC		NTC	ANTC			LimitedBy		Validation				
BD	Month	TS	Adj	Validated	AT-IT FR/CH-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230714	July	1430	7608	6739	216	0	0	0	Critical Branch	Validation phase	869	0	AT	216	Bilateral - Reduction because outage of line 912
20230714	July	1530	7156	6891	205	0	0	0	Critical Branch	Validation phase	265	0	AT	205	Bilateral - Reduction because outage of line 912
20230714	July	1630	7156	6617	205	0	0	0	Critical Branch	Validation phase	539	0	AT	205	Bilateral - Reduction because outage of line 912
20230714	July	1730	7306	6346	206	0	0	0	Critical Branch	Validation phase	960	0	AT	206	Bilateral - Reduction because outage of line 912
20230714	July	1930	9009	8586	215	0	0	0	Critical Branch	Validation phase	423	0	AT	215	Bilateral - Reduction because outage of line 912
20230714	July	2330	8342	8011	205	0	0	0	Critical Branch	Validation phase	331	0	AT	205	Bilateral - Reduction because outage of line 912
20230716	July	1930	8180	8148	194	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	32	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230716	July	2030	8180	7356	194	0	0	0	Critical Branch	Validation phase	824	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230716	July	2130	7306	7290	183	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	16	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230716	July	2230	7306	7290	183	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	16	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0

BD	Month	TS	TTC		NTC	ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR/CH-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230716	July	2330	7306	7291	183	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	15	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230721	July	1230	7736	7131	187	0	0	0	Critical Branch	Validation phase	605	0	AT	204	Bilateral - Reduction because NTC over thermal limit on border
20230721	July	1630	7890	6822	179	- 2002	-2002	-934	Critical Branch	Validation phase	1068	0	AT	209	Bilateral - Reduction because NTC over thermal limit on border
20230721	July	2130	7625	7047	185	0	0	0	Critical Branch	Validation phase	578	0	AT	201	Bilateral - Reduction because NTC over thermal limit on border
20230721	July	2230	7625	6966	183	0	0	0	Critical Branch	Validation phase	659	0	AT	201	Bilateral - Reduction because NTC over thermal limit on border
20230723	July	2330	7744	7743	211	0	0	0	Critical Branch	Critical Branch	1	0	AT	212	Bilateral - Reduction because NTC over thermal limit on border
20230727	July	1230	7698	7664	178	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	34	0	AT	-100000	Bilateral - Because of critical disconnection
20230727	July	1330	7698	7664	178	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	34	0	AT	-100000	Bilateral - Because of critical disconnection

			TTC		NTC	ANTC			LimitedBy		Validation				
BD	Month	TS	Adj	Validated	AT-IT FR/CH-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230727	July	1430	7698	7664	178	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	34	0	AT	178	Bilateral - Because of critical disconnection

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

			TTC		ANTC			LimitedBy		Validation					
BD	Month	TS	Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason	
20230801	August	1230	7876	7540	- 1838	-1838	-1502	Critical Branch	Validation phase	336	0	CH	7350	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	
20230801	August	1330	7876	7537	- 1838	-1838	-1500	Critical Branch	Validation phase	339	0	CH	7347	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia	
20230801	August	1430	7876	7512	- 1838	-1838	-1483	Critical Branch	Validation phase	364	0	CH	7322	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia	
20230801	August	1630	7366	7292	-707	-707	-697	Critical Branch	Validation phase	74	0	CH	7102	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia	
20230801	August	1930	7361	7338	- 1677	-1677	-1716	Critical Branch	Validation phase	23	0	CH	7148	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia	

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230801	August	2030	7361	7010	-1677	-1677	-1488	Critical Branch	Validation phase	351	0	CH	6820	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230802	August	2130	6203	5757	0	0	0	Critical Branch	Scheduled TTC	446	0	Fictive Flag		
20230802	August	2230	6203	5757	0	0	0	Critical Branch	Scheduled TTC	446	0	Fictive Flag		
20230802	August	2330	5643	5196	0	0	0	Critical Branch	Scheduled TTC	447	0	Fictive Flag		
20230805	August	2030	7061	6843	0	0	0	Critical Branch	Validation phase	218	0	CH	6653	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230806	August	1530	5992	4944	0	0	0	GSK Limitation	Validation phase	1048	0	CH	4753	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 VILLARODIN-VENAUS
20230806	August	1630	5992	5600	0	0	0	GSK Limitation	Validation phase	392	0	CH	5410	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-1 VILLARODIN-VENAUS
20230807	August	1930	5556	5478	0	0	0	Scheduled TTC	Validation phase	78	0	CH	5288	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230809	August	1830	5379	4675	0	0	0	Critical Branch	Validation phase	704	0	CH	4485	Missing CNEC in CC: CNE: 220kV Pallanzeno - Serra , C: N-2 Pradella-Robbia + Filisur-Robbia
20230809	August	1930	5913	5812	0	0	0	Critical Branch	Validation phase	101	0	CH	5622	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230809	August	2030	5913	5799	0	0	0	Critical Branch	Validation phase	114	0	CH	5609	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230811	August	1230	6006	2200	0	0	0	Scheduled TTC	Validation phase	3806	0	CH	2010	Expected overloading on the following CNEC: CNE: 380kV Pradella-Westtirol 1, C: Pradella- Westtirol 2
20230811	August	1330	6006	3592	0	0	0	Scheduled TTC	Validation phase	2414	0	CH	3402	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella- Robbia + Filisur-Robbia
20230811	August	1430	6006	4681	0	0	0	Scheduled TTC	Validation phase	1325	0	CH	4491	Expected overloading on the following CNEC: CNE: 380kV Gorlago - Robbia , C: N-1 ROBBIA- S.FIORANO
20230811	August	1630	6006	5863	0	0	0	Scheduled TTC	Validation phase	143	0	CH	5673	Expected overloading on the following CNEC: CNE: 380kV Gorlago - Robbia , C: N-1 ROBBIA- S.FIORANO
20230811	August	1730	6006	5943	0	0	0	Scheduled TTC	Validation phase	63	0	CH	5753	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia-S.Fiorano
20230811	August	1830	6006	5880	0	0	0	Scheduled TTC	Validation phase	126	0	CH	5690	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia-S.Fiorano
20230814	August	1230	1310	1206	4301	294	3659	Minimum Margin	Validation phase	104	-348	FR	1016	N-1 Bois Tollot-Romanel / [FR-FR] Malgovert- Passy [OPP] [FR]
20230814	August	1330	1310	1206	4301	294	3714	Minimum Margin	Validation phase	104	-293	FR	1016	N-1 Bois Tollot-Romanel / [FR-FR] Malgovert- Passy [OPP] [FR]
20230814	August	1430	1310	1206	4301	294	3790	Minimum Margin	Validation phase	104	-217	FR	1016	N-1 Bois Tollot-Romanel / [FR-FR] Malgovert- Passy [OPP] [FR]
20230814	August	1530	4810	4809	360	336	24	Minimum Margin	Smoothing Ramp	1	0	Smoothing		
20230814	August	2130	6371	6346	- 1418	-1418	-1437	ID schedules	Validation phase	25	0	CH	6156	CNE: 380kV Bulciago - Soazza, C: N-2 Pradella- Robbia + Filisur-Robbia

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230815	August	1830	5700	5609	0	0	0	Critical Branch	Smoothing Ramp	91	0	Smoothing		
20230815	August	1930	5700	5579	0	0	0	Critical Branch	Smoothing Ramp	121	0	Smoothing		
20230819	August	1330	5890	5767	0	0	0	Scheduled TTC	Validation phase	123	0	CH	5577	Expected overloading on the following CNEC: CNE: 380kV Gorlago - Robbia , C: N-1 SOAZZA- BULCIAGO
20230819	August	1930	6789	6605	0	0	0	Scheduled TTC	Validation phase	184	0	CH	6415	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Piancamuno-S.Fiorano
20230819	August	2030	6789	5928	0	0	0	Scheduled TTC	Validation phase	861	0	CH	5738	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Gorlago- Piancamuno + Robbia-Gorlago
20230819	August	2130	6789	6006	0	0	0	Scheduled TTC	Validation phase	783	0	CH	5816	Expected overloading on the following CNEC: CNE: 380kV Gorlago - Robbia , C: N-1 GORLAGO-PIANCAMUNO
20230821	August	1330	5622	5169	0	0	0	Critical Branch	Validation phase	453	0	CH	4979	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230821	August	1430	5622	5262	0	0	0	Critical Branch	Validation phase	360	0	CH	5072	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230821	August	1730	5668	5012	0	0	0	Critical Branch	Validation phase	656	0	CH	4822	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230821	August	1830	5611	4903	0	0	0	Critical Branch	Validation phase	708	0	CH	4713	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230821	August	1930	5611	5344	0	0	0	Critical Branch	Validation phase	267	0	CH	5154	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230822	August	1430	4347	4184	0	0	0	Critical Branch	Validation phase	163	0	CH	3993	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago-Piancamuno + Robbia-Gorlago
20230822	August	2130	5847	5280	0	0	0	Critical Branch	Validation phase	567	0	CH	5090	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230822	August	2230	5847	5191	0	0	0	Critical Branch	Validation phase	656	0	CH	5002	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230822	August	2330	5847	5755	0	0	0	Critical Branch	Validation phase	92	0	CH	5561	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230823	August	1330	4860	4614	0	0	0	Critical Branch	Validation phase	246	0	CH	4424	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago-Piancamuno + Robbia-Gorlago
20230823	August	1430	4860	4498	0	0	0	Critical Branch	Validation phase	362	0	CH	4308	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago-Piancamuno + Robbia-Gorlago
20230823	August	1830	5605	5448	0	0	0	Critical Branch	Validation phase	157	0	CH	5258	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230823	August	1930	5605	4753	0	0	0	Critical Branch	Validation phase	852	0	CH	4562	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230823	August	2030	5605	4660	0	0	0	Critical Branch	Validation phase	945	0	CH	4470	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230823	August	2130	5801	5255	0	0	0	Critical Branch	Validation phase	546	0	CH	5065	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230824	August	1530	6014	5561	0	0	0	Critical Branch	Smoothing Ramp	453	0	Smoothing		
20230824	August	1630	6014	5997	0	0	0	Critical Branch	Validation phase	17	0	CH	5807	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230824	August	1730	6014	5564	0	0	0	Critical Branch	Validation phase	450	0	CH	5374	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230824	August	1930	5457	4574	0	0	0	Critical Branch	Validation phase	883	0	CH	4384	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230824	August	2030	5457	4957	0	0	0	Critical Branch	Validation phase	500	0	CH	4767	Missing CNEC in CC: CNE: 380/220kV Lavorgo , C: N-1 GRANDE ILE-PIOSSASCO 2
20230824	August	2230	5621	5580	0	0	0	Critical Branch	Validation phase	41	0	CH	5390	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Gorlago-Piancamuno + Robbia-Gorlago
20230825	August	1530	6446	5808	0	0	0	Critical Branch	Validation phase	638	0	CH	5618	Expected overloading on the following CNEC: CNE: 220kV Riddes - Avise , C: N-2 ALBERTVILLE-RONDISSONE

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230825	August	1630	6446	6331	0	0	0	Critical Branch	Validation phase	115	0	CH	6141	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230825	August	1730	6446	5424	0	0	0	Critical Branch	Validation phase	1022	0	CH	5234	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230826	August	1230	4678	4609	0	0	0	Critical Branch	Validation phase	69	0	CH	4418	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230827	August	1730	5754	5541	0	0	0	Critical Branch	Validation phase	213	0	CH	5351	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230828	August	1630	5668	5337	0	0	0	Critical Branch	Validation phase	331	0	CH	5147	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230828	August	1730	5668	4898	0	0	0	Critical Branch	Validation phase	770	0	CH	4708	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230829	August	1730	5786	5624	0	0	0	Scheduled TTC	Smoothing Ramp	162	0	Smoothing		
20230830	August	2130	5540	4435	- 3371	-3371	-2925	Critical Branch	Validation phase	1105	0	CH	4244	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230831	August	1530	6602	6055	0	0	0	Critical Branch	Validation phase	547	0	CH	5857	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230831	August	1630	6602	6143	0	0	0	Critical Branch	Validation phase	459	0	CH	5944	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230831	August	1730	6602	6155	0	0	0	Critical Branch	Validation phase	447	0	CH	5963	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230831	August	2130	5798	5631	0	0	0	Critical Branch	Validation phase	167	0	CH	5441	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia

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

BD	Month	TS	TTC		NTC	ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR/CH-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230803	August	2330	5755	5528	178	9999	227	0	Minimum Margin	Validation phase	227	-9772	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230807	August	1230	5679	5390	1900	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	289	0	FR	1900	Bilateral - Avarie HVDC GRANDE ILE PIOSSASCO 1
20230807	August	1330	5679	5390	1900	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	289	0	FR	1900	Bilateral - Avarie HVDC GRANDE ILE PIOSSASCO 1
20230807	August	1430	5679	5328	1900	0	0	0	Critical Branch	Validation phase	351	0	FR	1900	Bilateral - Avarie HVDC GRANDE ILE PIOSSASCO 1

BD	Month	TS	TTC		NTC	ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR/CH-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230807	August	1530	6756	6445	2333	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	311	0	FR	1900	Bilateral - Avarie HVDC GRANDE ILE PIOSSASCO 1
20230807	August	2030	5556	5336	1900	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	220	0	FR	1900	Bilateral - Avarie HVDC GRANDE ILE PIOSSASCO 1
20230811	August	2030	6540	6531	206	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	9	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230815	August	1630	1164	1139	0	0	0	0	GSK Limitation	TTC Validation phase - bilateral reduction	25	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230815	August	2130	6503	6274	-14	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	229	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0

BD	Month	TS	TTC		NTC	ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR/CH-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230815	August	2230	6503	6493	205	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	10	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230815	August	2330	6503	6493	205	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	10	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230816	August	1730	5748	5392	2603	-1482	-1482	-1080	Critical Branch	TTC Validation phase - bilateral reduction	356	0	CH	2603	Reduction due to expected overloads on 220 kV Pallanzeno-Serra (122 % Basecase)
20230820	August	2130	5322	5311	160	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	11	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230820	August	2230	5322	5311	160	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	11	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230821	August	1230	5622	5521	223	0	0	0	Critical Branch	Validation phase	101	0	AT	227	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0

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

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230902	September	1230	4772	4163	0	0	0	GSK Limitation	Validation phase	609	0	CH	3973	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia
20230902	September	1330	4772	4100	0	0	0	GSK Limitation	Validation phase	672	0	CH	3910	Expected overloading on the following CNEC: CNE: 380kV Pradella-Robbia , C: N-2 Pradella-Sils + Filisur-Robbia
20230902	September	2030	6890	6060	0	0	0	Critical Branch	Validation phase	830	0	CH	5870	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Pradella-Robbia + Filisur-Robbia
20230902	September	2130	7626	7588	0	0	0	Critical Branch	Smoothing Ramp	38	0	Smoothing		
20230904	September	1730	6527	6526	-30	-30	-29	Critical Branch	Smoothing Ramp	1	0	Smoothing		
20230904	September	2130	5991	5990	0	0	0	Critical Branch	Smoothing Ramp	1	0	Smoothing		
20230905	September	1530	6945	6310	-1819	-1819	-1184	Critical Branch	Validation phase	635	0	CH	6120	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Pradella-Robbia + Filisur-Robbia
20230905	September	2130	5740	5637	0	0	0	Critical Branch	Smoothing Ramp	103	0	Smoothing		
20230906	September	1530	7030	6895	0	0	0	Critical Branch	Validation phase	135	0	CH	6706	Expected overloading on the following CNEC: CNE: 380kV Sils - Soazza , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230906	September	1730	7030	6862	0	0	0	Critical Branch	Validation phase	168	0	CH	6672	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 ALBERTVILLE-RONDISSONE

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230907	September	1830	5704	5659	-2825	-2825	-2779	Critical Branch	Scheduled TTC	45	0			Fictive Flag
20230907	September	1930	5704	5659	-2825	-2825	-2779	Critical Branch	Scheduled TTC	45	0			Fictive Flag
20230907	September	2030	5704	5659	-2825	-2825	-2779	Critical Branch	Scheduled TTC	45	0			Fictive Flag
20230907	September	2130	6156	5659	-1468	-1468	-971	Critical Branch	Scheduled TTC	497	0			Fictive Flag
20230907	September	2230	6156	5659	-1468	-1468	-971	Critical Branch	Scheduled TTC	497	0			Fictive Flag
20230907	September	2330	5556	5069	-866	-866	-379	Critical Branch	Scheduled TTC	487	0			Fictive Flag
20230910	September	1730	7185	5814	-1738	-1738	-258	Critical Branch	Validation phase	1371	0	CH	5624	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230912	September	1630	5969	5362	-1603	-1603	-994	Critical Branch	Validation phase	607	0	CH	5167	N and N-2 Violations on 220kV Pallanzeno-Serra detected in IDCF CSA
20230912	September	1730	5969	3989	-1603	-1603	-43	Critical Branch	Validation phase	1980	0	CH	3799	N and N-2 Violations on 220kV Pallanzeno-Serra detected in IDCF CSA
20230912	September	1930	5208	4500	-104	-104	-33	Critical Branch	Validation phase	708	0	CH	4310	N and N-2 Violations on 220kV Pallanzeno-Serra detected in IDCF CSA
20230912	September	2030	5208	4500	-104	-104	-40	Critical Branch	Validation phase	708	0	CH	4310	N and N-2 Violations on 220kV Pallanzeno-Serra detected in IDCF CSA
20230912	September	2130	6267	4499	-2611	-2611	-1179	Critical Branch	Validation phase	1768	0	CH	4310	N and N-2 Violations on 220kV Pallanzeno-Serra detected in IDCF CSA
20230912	September	2230	6267	5091	-2611	-2611	-1429	Critical Branch	Validation phase	1176	0	CH	4901	N and N-2 Violations on 220kV Pallanzeno-Serra detected in IDCF CSA

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230913	September	1730	6463	6434	-1321	-1321	-1292	Critical Branch	Validation phase	29	0	CH	6244	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230913	September	1830	5474	5130	-2347	-2347	-2166	Critical Branch	Validation phase	344	0	CH	4940	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230914	September	1330	6644	6636	0	0	0	Critical Branch	Validation phase	8	0	CH	6446	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230914	September	1630	6642	6181	0	0	0	Critical Branch	Validation phase	461	0	CH	5991	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230914	September	1730	6642	5483	0	0	0	Critical Branch	Validation phase	1159	0	CH	5292	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230915	September	1330	6206	6052	-614	-614	-460	Critical Branch	Validation phase	154	0	CH	5862	Missing CNEC in CC: CNE: 380kV Sils - Soazza , C: N-2 ALBERTVILLE-RONDISSONE
20230915	September	2130	7023	6872	-800	-800	-649	Critical Branch	Smoothing Ramp	151	0	Smoothing		
20230916	September	1730	5698	5404	0	0	0	Critical Branch	Validation phase	294	0	CH	5214	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230916	September	1830	5713	5559	0	0	0	Critical Branch	Validation phase	154	0	CH	5369	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 ALBERTVILLE-RONDISSONE
20230916	September	1930	5713	5274	0	0	0	Critical Branch	Validation phase	439	0	CH	5083	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 ALBERTVILLE-RONDISSONE

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230916	September	2030	5713	4887	0	0	0	Critical Branch	Validation phase	826	0	CH	4697	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 ALBERTVILLE-RONDISSONE
20230916	September	2130	5796	5648	0	0	0	Critical Branch	Validation phase	148	0	CH	5459	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 ALBERTVILLE-RONDISSONE
20230917	September	2030	6172	6018	0	0	0	Critical Branch	Validation phase	154	0	CH	5828	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 ALBERTVILLE-RONDISSONE
20230917	September	2230	6301	6277	0	0	0	Critical Branch	Validation phase	24	0	CH	6087	Expected overloading on the following CNEC: CNE: 220kV Riddes - Valpelline , C: N-2 ALBERTVILLE-RONDISSONE
20230918	September	1430	6166	6054	0	0	0	Critical Branch	Validation phase	112	0	CH	5864	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 ALBERTVILLE-RONDISSONE
20230918	September	1830	6285	5798	0	0	0	Critical Branch	Validation phase	487	0	CH	5608	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 ALBERTVILLE-RONDISSONE
20230918	September	1930	6285	5908	0	0	0	Critical Branch	Validation phase	377	0	CH	5718	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 ALBERTVILLE-RONDISSONE
20230918	September	2030	6285	6067	0	0	0	Critical Branch	Validation phase	218	0	CH	5877	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 ALBERTVILLE-RONDISSONE
20230918	September	2130	6533	6251	0	0	0	Critical Branch	Validation phase	282	0	CH	6061	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 ALBERTVILLE-RONDISSONE

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230918	September	2230	6533	6112	0	0	0	Critical Branch	Validation phase	421	0	CH	5922	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 ALBERTVILLE-RONDISSONE
20230919	September	1730	5637	5198	-686	-686	-242	Critical Branch	Validation phase	439	0	CH	5008	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: N-2 ALBERTVILLE-RONDISSONE
20230921	September	1830	5512	4851	0	0	0	Critical Branch	Validation phase	661	0	CH	4661	Missing CNEC in CC: CNE: 220kV Avise - Riddes , C: N-1 ALBERTVILLE-RONDISSONE 1
20230922	September	2030	7206	7030	0	0	0	Critical Branch	Validation phase	176	0	CH	6840	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230922	September	2230	7033	6972	0	0	0	Critical Branch	Validation phase	61	0	CH	6781	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia-S.Fiorano
20230923	September	1530	5959	5764	0	0	0	Critical Branch	Validation phase	195	0	CH	5574	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230923	September	1830	5747	5244	0	0	0	Critical Branch	Validation phase	503	0	CH	5054	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-1 VILLARODIN-VENAUS
20230926	September	2030	6877	6165	0	0	0	Critical Branch	Validation phase	712	0	CH	5975	Expected overloading on the following CNEC: CNE: 380kV Filisur - Robbia , C: 380KV GORLAGO-ROBBIA
20230929	September	1530	6585	6534	0	0	0	Critical Branch	Validation phase	51	0	CH	6344	Expected overloading on the following CNEC: CNE: 380kV Filisur - Sils , C: N-2 Divaca- Redipuglia + Divaca-Padriciano

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230929	September	1730	7685	7426	0	0	0	Critical Branch	Validation phase	259	0	CH	7236	Expected overloading on the following CNEC: CNE: 380kV Lavorgo - Musignano , C: N-2 Robbia-Gorlago + Robbia-S.Fiorano
20230929	September	2130	6454	6325	0	0	0	Critical Branch	Validation phase	129	0	CH	6135	Expected overloading on the following CNEC: CNE: 380kV Bulciago - Soazza , C: N-2 Robbia- Gorlago + Robbia-S.Fiorano

Table 22: ID TS with bilateral TTC reduction during the validation process for September

BD	Month	TS	TTC		NTC	ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR/CH-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230902	September	1830	6890	6873	212	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	17	0	AT	212	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230902	September	1930	6890	6873	212	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	17	0	AT	212	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0

			TTC		NTC	ANTC			LimitedBy		Validation				
BD	Month	TS	Adj	Validated	AT-IT FR/CH-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%	TSO	Value	Reason
20230902	September	2230	7626	7588	218	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	38	0	AT	218	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230902	September	2330	7226	7188	208	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	38	0	AT	208	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230903	September	1730	5610	5609	164	0	0	0	GSK Limitation	TTC Validation phase - bilateral reduction	1	0	AT	164	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230903	September	1930	7426	7114	-90	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	312	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230903	September	2030	7426	7313	109	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	113	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0

BD	Month	TS	TTC		NTC	ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR/CH-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230904	September	1630	6527	6526	247	-30	-30	-29	Critical Branch	TTC Validation phase - bilateral reduction	1	0	AT	247	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230904	September	2230	5991	5990	225	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	1	0	AT	225	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230904	September	2330	5391	5390	215	0	0	0	Critical Branch	Critical Branch	1	0	AT	216	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230905	September	1830	5141	4951	0	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	190	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230905	September	1930	5141	4881	-70	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	260	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230905	September	2030	5141	4881	-70	0	0	0	Scheduled TTC	TTC Validation phase - bilateral reduction	260	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0

BD	Month	TS	TTC		NTC	ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR/CH-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230909	September	1730	6393	6388	122	-756	-756	-752	ID schedules	TTC Validation phase - bilateral reduction	5	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230909	September	1830	6141	6135	-19	- 2805	-2805	-2822	Critical Branch	TTC Validation phase - bilateral reduction	6	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230909	September	1930	6222	6181	-70	- 2872	-2872	-2945	Critical Branch	TTC Validation phase - bilateral reduction	41	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230909	September	2030	6222	6181	-70	- 2872	-2872	-2945	Critical Branch	TTC Validation phase - bilateral reduction	41	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230910	September	2130	6505	6474	157	- 1757	-1757	-1728	Critical Branch	TTC Validation phase - bilateral reduction	31	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230913	September	1430	6997	6461	259	- 1255	-1255	-719	Critical Branch	Validation phase	536	0	AT	283	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0

BD	Month	TS	TTC		NTC	ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	AT-IT FR/CH-IT	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230913	September	1930	5474	5473	215	- 2347	-2347	-2346	Critical Branch	TTC Validation phase - bilateral reduction	1	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230913	September	2030	5474	5473	215	- 2347	-2347	-2346	Critical Branch	TTC Validation phase - bilateral reduction	1	0	AT	-100000	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230918	September	1530	6195	6173	232	0	0	0	Critical Branch	Validation phase	22	0	AT	233	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230918	September	1730	6195	5992	225	0	0	0	Critical Branch	Validation phase	203	0	AT	233	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230918	September	2330	6533	6045	226	0	0	0	Critical Branch	Validation phase	488	0	AT	247	Bilateral - Because of high redispatch the leftover intraday capacity was set to 0
20230926	September	1530	7293	6992	2273	0	0	0	Critical Branch	Validation phase	301	0	FR	2000	Bilateral - N-2 Albertville- G.Ile 1 et 2 sur Albertville-G.Ile 3
20230926	September	1630	7293	7086	2273	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	207	0	FR	2000	Bilateral - N-2 Albertville- G.Ile 1 et 2 sur Albertville-G.Ile 3
20230926	September	1730	7293	7086	2273	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	207	0	FR	2000	Bilateral - N-2 Albertville- G.Ile 1 et 2 sur Albertville-G.Ile 3
20230926	September	1830	6877	6640	2091	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	237	0	FR	2000	Bilateral - N-2 Albertville- G.Ile 1 et 2 sur Albertville-G.Ile 3
20230926	September	1930	6877	6640	2091	0	0	0	Critical Branch	TTC Validation phase - bilateral reduction	237	0	FR	2000	Bilateral - N-2 Albertville- G.Ile 1 et 2 sur Albertville-G.Ile 3

5.2.1 Reduction on TTC and on 70% requirement

In this section the TSs with TTC reduction and reduction of capacity compared to 70% minMargin as presented in section 2.2. In Table 23 only the global validation performed by the TSOs for the quarter had such cases for the reporting period.

- Global validation: when the TSOs send a red flag that is limiting the total exchange of the region

Table 23: ID TS with global TTC reduction and reduction compared to 70% during the validation process for the quarter – Q3

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230708	July	1830	7944	7684	1657	261	1656	Minimum Margin	Validation phase	260	260	FR	7493	Process fail during TSO validation phase
20230708	July	1930	7944	7684	1657	261	1656	Minimum Margin	Validation phase	260	260	FR	7493	Process fail during TSO validation phase
20230708	July	2030	7944	7684	1657	261	1656	Minimum Margin	Validation phase	260	260	FR	7493	Process fail during TSO validation phase
20230708	July	2230	6804	6529	578	275	581	Minimum Margin	Validation phase	275	278	FR	6339	Process fail during TSO validation phase
20230708	July	2330	6204	5929	1165	275	1113	Minimum Margin	Validation phase	275	223	FR	5734	Process fail during TSO validation phase
20230830	August	1730	6335	4554	-1434	-1434	49	Critical Branch	Validation phase	1781	49	CH	4364	Expected overloading on the following CNEC: CNE: 220kV Avise - Riddes , C: N-2 ALBERTVILLE-RONDISSONE
20230904	September	1530	6527	6367	-30	-30	130	Critical Branch	Validation phase	160	130	CH	6177	Expected overloading on the following CNEC: CNE: 380kV Fiorano - Robbia , C: 380KV GORLAGO-ROBBIA
20230907	September	1230	5151	4461	1037	304	1418	Minimum Margin	Scheduled TTC	690	685	FR	4938	N-2 Robbia-Gorlago + Robbia-S.Fiorano / [FR-FR] Menton-Trinite Victor [DIR] [FR]

BD	Month	TS	TTC		ANTC			LimitedBy		Validation		TSO	Value	Reason
			Adj	Validated	Final	Feasible	NTC1	Adj	NTC1	Reduction TTC	Reduction TTC and 70%			
20230907	September	1330	5151	4461	1037	304	1418	Minimum Margin	Scheduled TTC	690	685	FR	4938	N-2 Robbia-Gorlago + Robbia-S.Fiorano / [FR-FR] Menton-Trinite Victor [DIR] [FR]
20230907	September	1430	5151	4461	1037	304	1418	Minimum Margin	Scheduled TTC	690	685	FR	4938	N-2 Robbia-Gorlago + Robbia-S.Fiorano / [FR-FR] Menton-Trinite Victor [DIR] [FR]
20230907	September	1530	6745	5659	-778	-778	303	Critical Branch	Scheduled TTC	1086	303	Fictive Flag		
20230907	September	1630	6745	5659	-778	-778	303	Critical Branch	Scheduled TTC	1086	303	Fictive Flag		
20230907	September	1730	6745	5659	-778	-778	303	Critical Branch	Scheduled TTC	1086	303	Fictive Flag		
20230910	September	1530	5985	4862	-398	-398	725	Critical Branch	Smoothing Ramp	1123	725	Smoothing		
20230912	September	1830	5208	3876	-104	-104	308	Critical Branch	Validation phase	1332	308	CH	3686	N and N-2 Violations on 220kV Pallanzeno-Serra detected in IDCF CSA

5.3. Deviation from coordinated actions

Not applicable for Italy North region, since there were no coordinated actions or recommendations issued in the region.

Coreso and TSCNET will report on coordinated actions and recommendations once the coordinated validation methodology is approved and the confirmation procedure as per Art. 13 para. 2 "RCC Establishment Provisions" is implemented. The implementation of the coordinated validation will be done according to an implementation plan which will be submitted together with the amendment of the Capacity Calculation Methodology (CCM) DA for Core by the Core TSOs to Core NRAs before December 8th, 2023.

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 all the three months within the quarter for the IDCC process.

Figure 16, presents the distribution of required capacity to be adjusted in the relevant TSs in July, August, and September. The figure also shows the average of feasible capacity for the adjustment on those TSs.

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

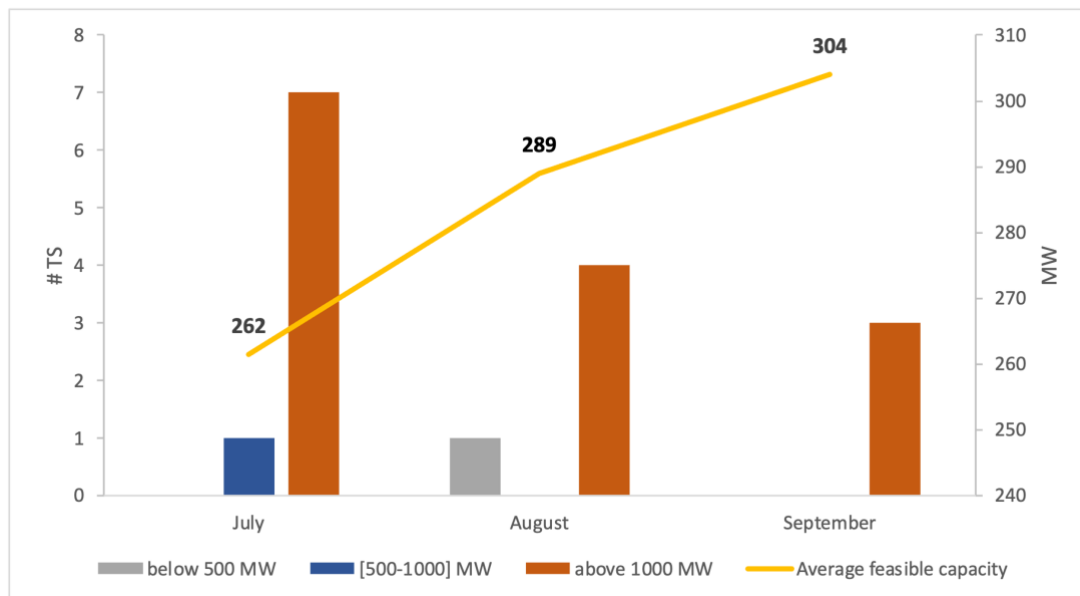
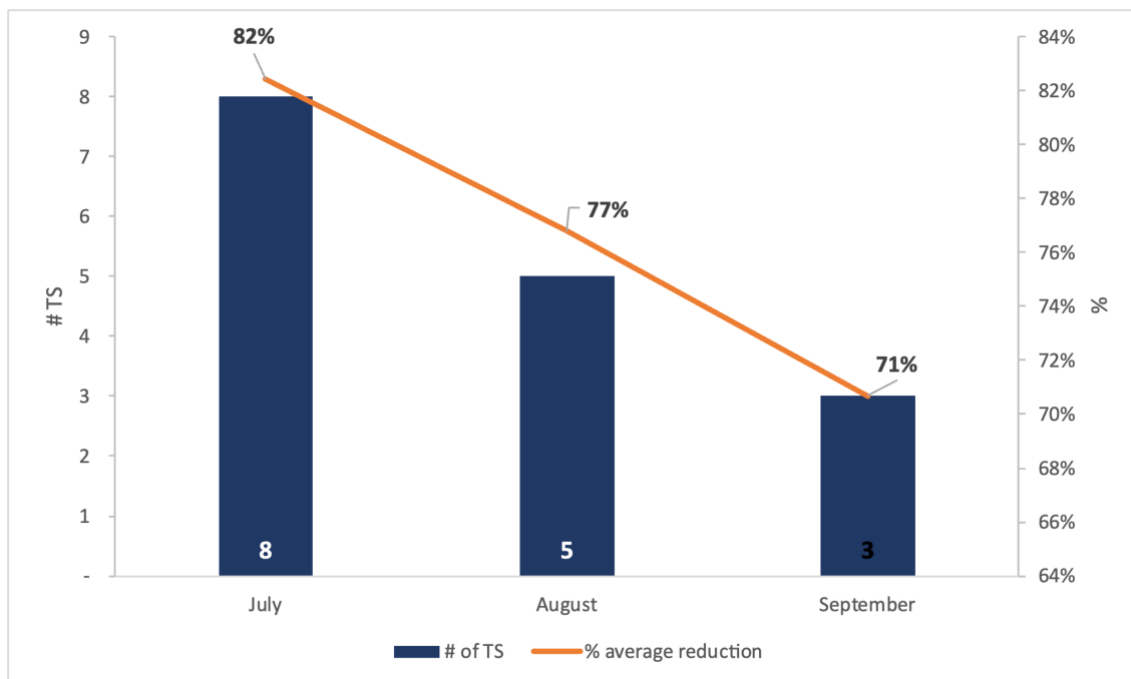


Figure 17 presents for the case of ID, the average % of reduction per month together with the amount of TS with reduction.

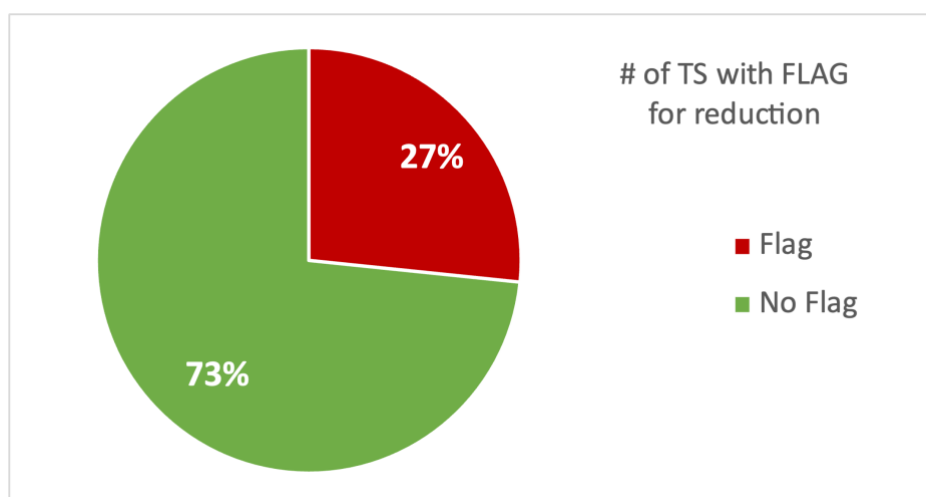
Figure 17: ID #TS with reduction per month vs the average % of reduction on that month



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

Figure 18: ID share of TS with and without flag



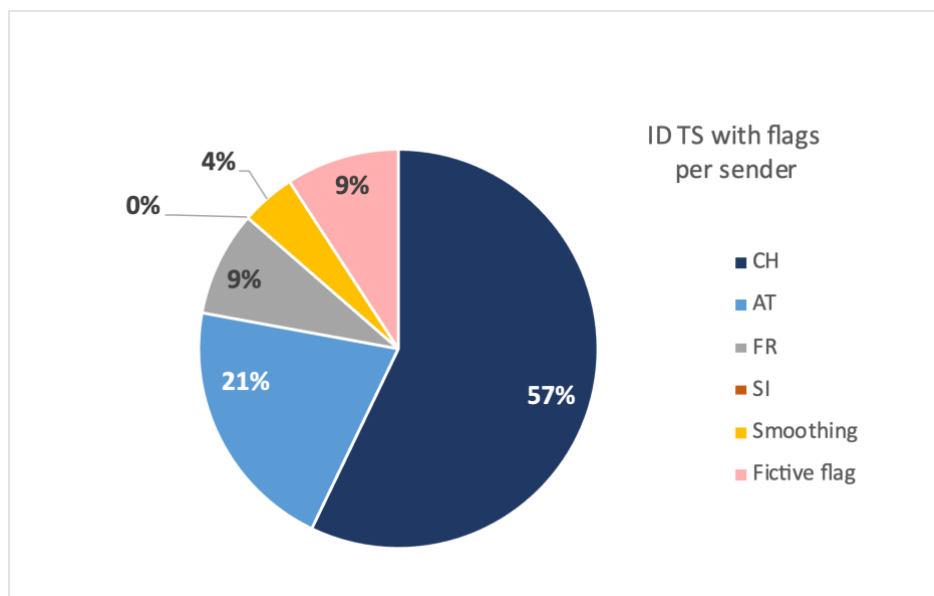
In ID, the validation process during Q3 was limited by four types of flag's provider:

- Flags sent by SWG
- Flags sent by RTE
- Flags sent by APG
- Flags sent by ELES
- 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.

ELES did not trigger any limiting Red flag in Q3, that why the flag's provider percentage share for SI equals zero for the quarter.

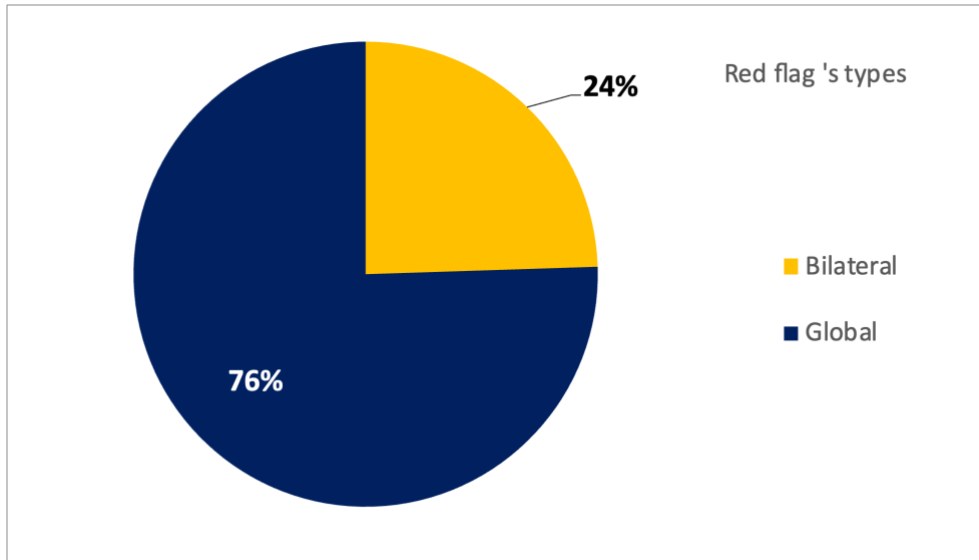
Figure 19 presents the share of each type of flag during the quarter. It can be seen that the TSO with the highest share of reduction is Swissgrid, followed by APG.

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



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

Figure 20: ID Share of global and bilateral flags



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

- Overload
- Missing CNEC in Capacity Calculation
- High Redispatch issue
- Fault
- Outage

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

Figure 21: ID type of flags sent by Swissgrid

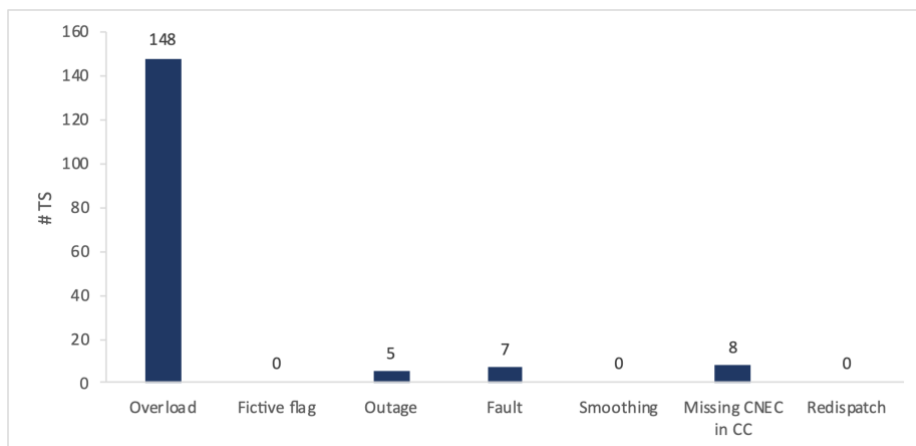


Figure 22: ID type of flags sent by APG

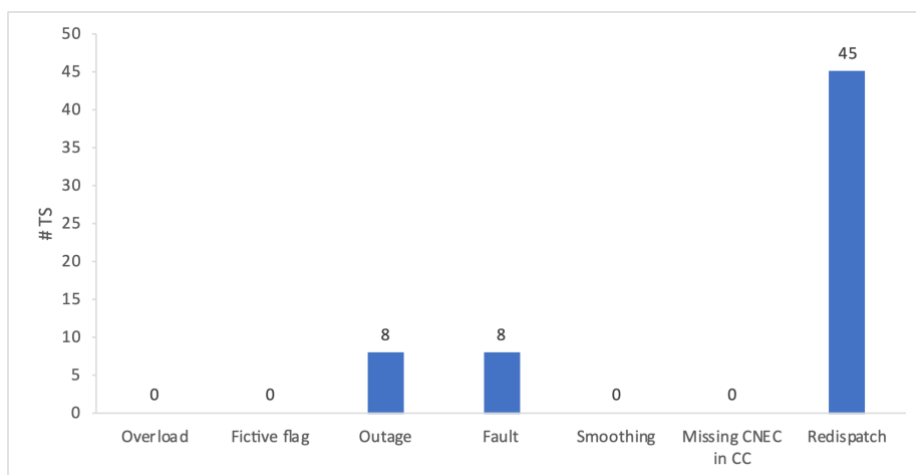
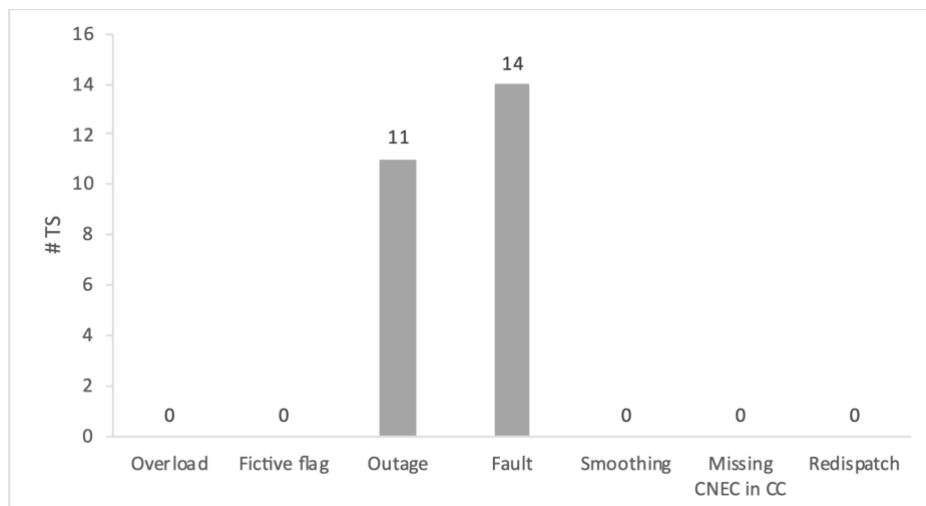


Figure 23: ID type of flags sent by RTE



Finally, the Overload reasons have been analysed and the following lines and outages are the ones that have been limiting the capacity during the Q3.

Table 24: ID list of Critical Branches reported on FLAGS

CB name
380kV Sils - Soazza
380kV Bulciago - Soazza
380kV Filisur - Sils
380kV Gorlago - Robbia
380kV Lavorgo - Musignano
380kV Fiorano - Robbia
380kV Filisur - Robbia
220kV Riddes - Valpelline
380kV Pradella-Westtirol 1
220 kV Pallanzeno-Serra
220kV Avise - Riddes
220kV Riddes - Avise
380kV Pradella-Robbia

Table 25: D2 list of Critical Outages reported on FLAGS

CO name
N-2 Robbia-Gorlago + Robbia-S.Fiorano
N-1 PRADELLA-ROBBIA
N-1 ROBBIA-S.FIORANO
N-2 Pradella-Robbia + Filisur-Robbia
N - 380KV GORLAGO-ROBBIA
N-2 ALBERTVILLE-RONDISSONE
N-1 SOAZZA-BULCIAGO
N-2 Divaca-Redipuglia + Divaca-Padriciano
N - 380KV SILS-SOAZZA
N-1 AVISE-RIDDES
N-1 VILLARODIN-VENAUS
N - Pradella-Westtirol 2
N-2 Robbia-Gorlago + Piancamuno-S.Fiorano
N-2 Gorlago-Piancamuno + Robbia-Gorlago
N-1 GORLAGO-PIANCAMUNO
N-2 Pradella-Sils + Filisur-Robbia

5.5. Recommendations

Not applicable for Italy North region