

29th Nov 2.022

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The maintenance dates that prevent loading / unloading ship, loading at LNG trucks dock, significantly limit the emission capacity of the Plant, or impose important restrictions on Transportation, must be made viable in the previous monthly schedule.

In general, operations that cause significant restrictions on the capacity of infrastructures to enter the System or Transportation during winter are not viable (November 1 to March 31); in these cases it is necessary that they be viable in the previous monthly programming and also in the dates prior to its realization.

Maintenances or restrictions involving pipelines or Infrastructures for gas entry into the system, or restrictions at loading at LNG trucks dock, located in the same area of influence, won't simultaneously be programmed.

In transport infrastructure operations involving pipeline interception and In-Line inspections, infrastructures for gas entry into the system may have to adjust their flows to the specific needs of these operations; in case of incompatibility, security of supply and loading_unloading operations of methane vessels or plant regasifications necessary to enable them are a priority.

The user term refers indistinctly to the shipper, the direct customer in the market or the final customer. The condition of affection to users will be reviewed each month in the monthly update of this document.



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1.- REGASIFICATION PLANTS

1.1. BILBAO PLANT - BBG

1 Regasification	Mantenimiento	Implicaciones Operativas	Nº Ref.
January 8 days	Epoxy paint on remetallized PA101A	Maximum production 600.000 Nm3/h.	530
May 3 days	High Voltage Installation Proactive Inspection	Maximum production 600.000 Nm3/h during 3 days. Limitation to loading operations reducing the rate of load.	531
June	Preventative maintenance of the GB-103 B boil-off compressor.	Without emission limitations. It will be coordinated to prioritize loading or unloading scheduled operations of vessels.	532
July 4 hrs	Annual Preventive Revision of the Relicuador	Without emission limitations. It will be coordinated to prioritize minimun affection to loading LNG trucks.	533
From 22nd Octber to 3rd November	Maintenance, overhaul and cleaning of the seawater catchment system, coinciding with the maintenance stop of the combined cycle of BBE, and the lack of seawater supply on their part.	Without emission limitations	534
Throughout the year	Preventive maintenance of the unloading arms	Without emission limitations. It will be coordinated to prioritize loading or unloading scheduled operations of vessels.	535
Throughout the year	Preventive maintenance on LNG trucks loading dock	Without emission limitations. It will be coordinated to prioritize minimun affection to loading LNG trucks.	536



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1.- REGASIFICATION PLANTS

1.1. BILBAO PLANT - BBG

Fecha Periodo	Mantenimiento	Implicaciones Operativas	Nº Ref.
Throughout the year	Preventive Maintenance Primary Pumps	Without emission limitations	537
Throughout the year	Preventive maintenance secondary pumps	Without emission limitations	538
Throughout the year	Maintenance and coatings in Vaporizers	It will be adapted so as not to affect the emission by concentrating them in the summer season or at the BBE stop in October.	539
Throughout the year	Preventive Maintenance Seawater Pumps	Without emission limitations	540



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1.- REGASIFICATION PLANTS

1.2. MUGARDOS PLANT - REGANOSA

1 Regasification	Maintenance	Limitations	Refer. Numb.
17th January	ORV E410 Inspection	One ORV will stand inoperative from 7 a.m. to 7 p.m. Maximum emission in that time slot aprox. 210.000 Nm3/h.	541
24th January	ORV E420 Inspection	One ORV will stand inoperative from 7 a.m. to 7 p.m. Maximum emission in that time slot aprox. 210.000 Nm3/h.	542
January 2 days	Maintenance at LNG trucks loading dock	From 6 a.m. to 3 p.m. During that time one of the two bays will stand inoperative. This operation will be carried out in two days, alternating the dock.	543
From 22nd to 29th March	Annual Maintenance of unloading arms	Unload_load of LNG ships unavailable	544
March	Overhaul seawater pump	One of the three seawater pumps shall be inoperative. In the absence of backup, in the event of failure of any of the other two pumps, the limiting emission would be 210,000 Nm3/hr;	545
March 2 days	Maintenance at LNG trucks loading dock	From 6 a.m. to 3 p.m. During that time one of the two bays will stand inoperative. This operation will be carried out in two days, alternating the dock.	546
12th April	ORV E420 Inspection	One ORV will stand inoperative from 7 a.m. to 7 p.m. Maximum emission in that time slot aprox. 210.000 Nm3/h.	547
18th May	ORV E410 Inspection	One ORV will stand inoperative from 7 a.m. to 7 p.m. Maximum emission in that time slot aprox. 210.000 Nm3/h.	548



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1.- REGASIFICATION PLANTS

1.2. MUGARDOS PLANT - REGANOSA

L Regasification	Maintenance	Limitations	Refer. Numb.
May 2 days	Maintenance at LNG trucks loading dock	From 6 a.m. to 3 p.m. During that time one of the two bays will stand inoperative. This operation will be carried out in two days, alternating the dock.	549
12th to 16th June	Quarterly Maintenance of unloading arms	Unload_load of LNG ships unavailable	550
June 2 days	Maintenance at LNG trucks loading dock	From 6 a.m. to 3 p.m. During that time one of the two bays will stand inoperative. This operation will be carried out in two days, alternating the dock.	551
7th July	ORV E420 Inspection	One ORV will stand inoperative from 7 a.m. to 7 p.m. Maximum emission in that time slot aprox. 210.000 Nm3/h.	552
July 2 days	Maintenance at LNG trucks loading dock (annual)	From 6 a.m. to 3 p.m. During that time one of the two bays will stand inoperative. This operation will be carried out in two days, alternating the dock.	553
From 7th to 11th August	Technical plant stop Review of the seawater system Safety ties test Gateway Lines Replacement	Plant shutdown for 12 hours/day during 5 days	554
9th August	ORV E410 Inspection	One ORV will stand inoperative from 7 a.m. to 7 p.m. Maximum emission in that time slot aprox. 210.000 Nm3/h.	555



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1.- REGASIFICATION PLANTS

1.2. MUGARDOS PLANT - REGANOSA

1 Regasification	Maintenance	Limitations	Refer. Numb.
From 28th August to 1st September	Quarterly Maintenance of unloading arms	Unload_load of LNG ships unavailable	556
September 2 days	Maintenance at LNG trucks loading dock	From 6 a.m. to 3 p.m. During that time one of the two bays will stand inoperative. This operation will be carried out in two days, alternating the dock.	557
7th November	Calibration of LNG trucks loading dock	From 8 a.m. to 16 p.m. both bays will stand inoperative.	558
14th November	ORV E410 Inspection	One ORV will stand inoperative from 7 a.m. to 7 p.m. Maximum emission in that time slot aprox. 210.000 Nm3/h.	559
November 2 days	Maintenance at LNG trucks loading dock	From 6 a.m. to 3 p.m. During that time one of the two bays will stand inoperative. This operation will be carried out in two days, alternating the dock.	560
From 18th to 22nd December	Quarterly Maintenance of unloading arms	Unload_load of LNG ships unavailable	561
From 7th August to 1st September	Maintenance elec+ Mec Compressor BOG K301C	No load activities and/or ship cooling operations	447
From 23rd November to 22nd December	Electrical maintenance compressor BOG K301B	No load activities and/or ship cooling operations	448



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1.- REGASIFICATION PLANTS

1.3. SAGUNTO PLANT - SAGGAS

1 Regasification	Mantenimiento	Implicaciones Operativas	Nº Ref.
March 1 day	Verification by OCA Isleta A LNG trucks loading dock	From 8 a.m. no LNG trucks loading (12 hrs)	562
March 3 days	LNG trucks loading dock scale certification	From 8 a.m. LNG trucks loading limited only 1 bay available	563
March 1 day	LNG trucks loading dock concrete repair	From 8 a.m. LNG trucks loading.	564
2nd and 3rd quarter 1 month each ORV	LNG trucks loading dock Substitution of PLC control system	Maximum emission 800.000 Nm3/h.	565
3rd quarter 1 month each ORV	Concrete repair at one ORV	Maximum emission 800.000 Nm3/h.	566
4th quarter 1 week	Concrete repair at one ORV	Maximum emission 800.000 Nm3/h.	567
4th quarter 1 day	Periodic Tests ESD Matrix	From 8 a.m. to 3 p.m. without LNG loading/unloading; without LNG trucks loading; without emission.	568
4th quarter 12 hrs	Cleaning of catchment pool	From 7 a.m. to 19 p.m. Maximum emission 200.000 Nm3/h.	399



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1.- REGASIFICATION PLANTS

1.4. BARCELONA PLANT - ENAGAS

1 Regasification	Maintenance	Limitations	Refer. Numb.
From 6th to 10th March	Installation LNG/BOG Exchanger	Maximum emission 1.500.000 Nm3/h. No load/unload LNG ships	569
From 27th to 30th March	Verification of A80 Hydraulic System	Unload_load of LNG ships at dock A80 unavailable	570
From 10th to 14th April	Seawater catchment cleaning no. 1	No load/unload LNG ships	571
From 11th to 31st May	A263 Dock Discharge Arm Renovation	Unload_load of LNG ships at dock A263 unavailable	572
May 5 days	Cleaning of arch north elevation	Maximum emission 750.000 Nm3/h.	573
May 5 days	Cleaning of south elevation arch	Maximum emission 750.000 Nm3/h.	574
From 1st June to 31st July	Installation new Valves Line discharge	Unload_load of LNG ships at dock A80 unavailable	575
June 10 days	Assembly line LNG Pantalán A80	Maximum emission 1.500.000 Nm3/h. No load/unload LNG ships at dock A80	576



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1.- REGASIFICATION PLANTS

1.4. BARCELONA PLANT - ENAGAS

1 Regasification	Maintenance	Limitations	Refer. Numb.
June 15 days	Cool Project	Maximum emission 1.500.000 Nm3/h.	577
From 2nd to 4th October	Verification of A263 Hydraulic System	Unload_load of LNG ships at dock A263 unavailable	578
November 21 days	Pool cleaning Nº 5	Maximum emission 1.800.000 Nm3/h.	579
From 27th to 30th March	Verification of A80 Hydraulic System	Unload_load of LNG ships at dock A80 unavailable	691



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1.- REGASIFICATION PLANTS

1.5. CARTAGENA PLANT - ENAGAS

1 Regasification	Maintenance	Limitations	Refer. Numb.
From 9th september 2022 to 31st january 2023	Adaptation and Improvement of Escombreras Dock. Port of Cartagena.	Limitation on the load flow of vessels depending on the emission and plant conditions	580
February 26 days	Cuts capture drawer 1	Maximum emission step V.	581
From 24th to 28th April	Dock and compressor maintenance	Unload_load of LNG ships unavailable	582
April 10 hrs	LNG trucks loading dock maintenance and preventive against fire	Without loading LNG trucks	583
From 17th to 19th May	Electrical panel revamping.	Total plant shutdown for 6 hours on two non-consecutive days (without LNG loading/unloading; without LNG trucks loading; without emission).	584
From 29th May to 9th June	Maintenace arm 1 at dock 1	Unload_load of LNG ships unavailable at dock 1	585
June 19 days	Maintenance of seawater return	Maximum emission 750.000 Nm3/h.	586
From 3rd to 7th July	Dock and compressor maintenance	Unload_load of LNG ships unavailable	587



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1.- REGASIFICATION PLANTS

1.5. CARTAGENA PLANT - ENAGAS

Fecha Periodo	Mantenimiento	Implicaciones Operativas	Nº Ref.
From 5th to 25th September	Renovation of unload arm in dock 1	Unload_load of LNG ships unavailable at dock 1	588
From 11th to 15th September	Dock and compressor maintenance	Unload_load of LNG ships unavailable	589
From 11th to 25th September	Repairs Arms Dock 1	Unload_load of LNG ships unavailable	590
October 10 hrs	LNG trucks loading dock maintenance and preventive against fire	Without loading LNG trucks (10 hrs)	591
From 13th to 17th November	Dock and compressor maintenance	Unload_load of LNG ships unavailable	592



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1.- REGASIFICATION PLANTS

1.6. HUELVA PLANT - ENAGAS

1 Regasification	Maintenance	Limitations	Refer. Numb.
From 20th to 23rd Frebruary	Verification of hidraulic system	Unload_load of LNG ships unavailable.	593
From 3rd to 23rd March	Renovation of unload arm	Unload_load of LNG ships unavailable.	594
May 5 days	Cleaning of emissary I of seawater	Maximum emission 1.050.000 Nm3/h.	595
June 5 days	Cleaning of emissary II of seawater	Maximum emission 650.000 Nm3/h.	596
July Days to be defined	Cleaning of emissary III of seawater	Maximum emission 1.050.000 Nm3/h.	597
August 15 days	Electrical legal review at substations AT and BT	Maximum emission 900.000 Nm3/h.	598
From 3rd to 23rd October	Renovation of unload arm	Unload_load of LNG ships unavailable.	599
October 1 day	Maintenance of electrical panels and substations	Maximum emission 900.000 Nm3/h.	600



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1.- REGASIFICATION PLANTS

1.6. HUELVA PLANT - ENAGAS

1 Regasification	Maintenance	Limitations	Refer. Numb.
To be defined 12 hrs	Update Triconex system cards (SSD) to adapt it to a new version.	No loads of LNG trucks for 12 hours.	601
To be defined 2 days	SSA update	Whitout SSA system	602
To be defined 3 hrs	SSD update	Plant stop (LNG trucks loads affected)	603
To be defined Duration not specified	DCS update	Plant stop	604
To be defined 2 days	Intervention LNG trucks loader A	Only dock C available (LNG trucks loads)	605
From 14th to 23rd July	Interconnections from tank FB-121	Unload_load of LNG ships unavailable.	692



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2.- TRANSPORT PIPELINES - DISTRIBUTION NETWORKS

2.1. TRANSPORT PIPELINES

1	Maintenance	Limitations	Refer. Numb.
March 7 days	O00 Position Valve Replacement	"León Oviedo" Gas Pipeline Cut	606
March 7 days	Aligned with the León - Oviedo Pipeline Variant (Río Caudal)	"León Oviedo" Gas Pipeline Cut	607
March/April 3 days	Variante Pola de Lena (Works by AVE "León Oviedo")	"León Oviedo" Gas Pipeline Cut	608
Date to be defined 6 hrs	Maintenance Position 15.31 - Los Beatos (Cartagena)	Coordinate with customers downstream	609
Date to be defined 6 hrs	Maintenance Position 15.32 - Valle de Escobreras (Cartagena)	Coordinate with customers downstream	610
Date to be defined 6 hrs	Maintenance Position 15.28.02 - Espinardo-Murcia	Coordinate with customers downstream	611
Date to be defined 6 hrs	Maintenance Position 15.28.05 - Totana Norte	Coordinate with customers downstream	612
Date to be defined Duration not specified	Variant Ramal gas pipeline Totana Murcia in the municipality of Alcantarilla	Cut of Ramal Totana Murcia	613



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2.- TRANSPORT PIPELINES - DISTRIBUTION NETWORKS

2.1. TRANSPORT PIPELINES

Fecha Periodo	Mantenimiento	Implicaciones Operativas	Nº Ref.
Date to be defined Duration not specified	Variant Sagunto (PARTIAL PLAN OF THE PARC SAGUNT II AREA)	Puzol - Paterna Pipeline Cut	614
Date to be defined Duration not specified	Extension of the third line in the M at position R06 (Golmayo)	To coordinate with clients downstream	615
Date to be defined 3 days	Insert new position Daganzo (J00)	Cut and inertization Algete Yela pipeline between Algete and J01 (Meco)	616
Date to be defined 5 hrs	Valve Replacement Line A UM S08.1	Coordinate with customers downstream	617
2nd semester	Nedgia. Valve Operation RAB-00 Phase 1	Position A36-BCN Ring (Plant-Kissing-Papiol-Montmeló)	683
2nd semester	Nedgia. Valve Operation RAB-00 Phase 2	Position A36-BCN Ring (Plant-Kissing-Papiol-Montmeló)	684
2nd semester	Nedgia. Valve action RAB-22 - Quinto de Ebro	Position 22 EPYSA	685
3rd quarter	Nedgia. Valve operation RAB-A6A - Zuera	Position A6A Cogeneration	686



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2.- TRANSPORT PIPELINES - DISTRIBUTION NETWORKS

2.1. TRANSPORT PIPELINES

Fecha Periodo	Mantenimiento	Implicaciones Operativas	Nº Ref.
2nd semester	Nedgia. Valve Operation RAB-00 Phase 3	Position A36-BCN Ring (Plant-Kissing-Papiol-Montmeló)	687
3rd quarter	Nedgia. Valve Operation RAB-00 Phase 4	Position A36-BCN Ring (Plant-Kissing-Papiol-Montmeló)	688
1st quarter	Nedgia. Modification RAB-22 Fifth Network	Position 22 EPYSA	689
2nd semester	Nedgia. Modification Red RAB-07 La Canonja	Position EM-07 Reus	690



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2.- TRANSPORT PIPELINES - DISTRIBUTION NETWORKS

2.2. DISTRIBUTION NETWORKS

1 Regasification	Maintenance	Limitations	Refer. Numb.
2nd semester	NEDGIA. New network between RAA-07 and RAA-09	ERM-09 Position Constantine	621
2nd semester	NEDGIA. Valves RAA-002.03 TORRELAVID	Position 6 Subirats	622
2nd/3rd quarter	NEDGIA. Displacement network MOP 16 bar (Pos I015.1 Cullerredo)	Variant of 4 "- 1,800 Meters In phase processing by connection AP-NVI Highway.	623
2nd/3rd quarter	NEDGIA. Displacement network MOP 16 bar (Pos I014.3 Neda)	4" - 250 Meters by third displacement variant	624
2nd/3rd quarter	NEDGIA. New network MOP 16 bar (Pos I015.1 Cullerredo)	New Network	625
2nd/3rd quarter	NEDGIA. New network MOP 16 bar (Pos I015.1 Cullerredo)	Connection to industrial zone	626
2nd/3rd quarter	NEDGIA. New Network Connections MOP 16 bar (Pos I014.3 Neda)	New connections to industrial zone	627



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2.- TRANSPORT PIPELINES - DISTRIBUTION NETWORKS

2.2. DISTRIBUTION NETWORKS

Fecha Periodo	Mantenimiento	Implicaciones Operativas	Nº Ref.
3rd quarter	NEDGIA. Modification Installation Regulation - RAA 003.2 - POL. PRATENSE	Position A36 BCN Ring (Plant-Kissing-Papiol-Montmeló)	628
3rd quarter	NEDGIA.Modification Installation Regulation- RAA-07.02 BELLISENS	Position EM-07 Reus	629
4th quarter	NEDGIA. New network between Positions I014 and I015 (COIROS)	New Network	630



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2.- TRANSPORT PIPELINES - DISTRIBUTION NETWORKS

2.3. COMPRESSION STATIONS

1 Regasification	Maintenance	Limitations	Refer. Numb.
From 1st October 2022 to 31st March 2023	EC Coreses: TC Decommissioning/MC Facility	1 TC unavailable (2 available)	631
February 15 days	EC Montesa: BAM / HMIs installation in TCs	1 TC unavailable	632
October 3 days	EC Tivissa: Installation of post 15 valves	EC unavailable	633
Date to be defined 1 day	EC Villar de Arnedo: TC Performance	1 TC unavailable, 2 available	634
January / February 2 days	EC Tivissa: EC exit MUS maintenance	Need for variable flow.	693



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2.- TRANSPORT PIPELINES - DISTRIBUTION NETWORKS

2.4. IN LINE INSPECTIONS (ILI)

1 Regasification	Maintenance	Limitations	Refer. Numb.
From 20th to 24th February	Almendralejo - Badajoz: In Line Inspection (ILI)	Gas speed between 1 - 3 m/s Possibility of realization in both directions.	462
From 13th to 17th March	Martos - Alborote: In Line Inspection (ILI)	Gas speed between 1 - 3 m/s Demand for section L03 to L12	463
From 20th to 24th of March	Ramal a Murcia: In Line Inspection (ILI)	Gas speed between 1 - 3 m/s Closely linked to demand	464
From 17th to 21st April	Tardajos de los Rábanos - Villar de Arnedo: In Line Inspection (ILI)	Gas speed between 1 - 3 m/s Direction based on the availability of flows from Villar to Yela	465
From 24th to 28th April	Yela- Tardajos de los Rábanos: In Line Inspection (ILI)	Gas speed between 1 - 3 m/s Meaning according to the availability of flows in CI Larrau	466
From 1st to 5th May	Zarza de Tajo - Yela: In Line Inspection (ILI)	Gas speed between 1 - 3 m/s Viability depending on the possibility of taking ILI flows in Villar area	467
From 8th to 12th May	Cartagena RP - Callosa de Segura: In Line Inspection (ILI)	Gas speed between 1 - 3 m/s The need to modulate the emission of Cartagena RP. during the ILI	468
From 15th to 9th May	Agullent - Callosa de Segua: In Line Inspection (ILI)	Gas speed between 1 - 3 m/s The need to modulate the emission of Cartagena RP. during the ILI	469



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2.- TRANSPORT PIPELINES - DISTRIBUTION NETWORKS

2.4. IN LINE INSPECTIONS (ILI)

1 Regasification	Maintenance	Limitations	Refer. Numb.
Date to be defined 5 days	Zierbena-Badames: In Line Inspection (ILI)	Gas speed between 1 - 3 m/s	470
Date to be defined 5 days	Serrablo-Alcalá de Gurrea: In Line Inspection (ILI)	Gas speed between 1 - 3 m/s Extraction is necessary in AS Serrablo	471
Date to be defined (F1: 5 days; F2: 5 days)	Tánger - Tarifa: In Line Inspection (ILI)	Gas speed between 1 - 3 m/s	696
From 13th to 19th March	Redexis. San Juan de Dios - Son Reus (SANSON-01 a SANSON-02). In Line Inspection (ILI)	Combo Plate + Cleaning, Combo Caliper + MFL	618
From 25th April to 4th May	Redexis. VENSAR. Vencillón - Sariñena. In Line Inspection (ILI)	Combo Plate + Cleaning, Combo Caliper + MFL	619
From 8th to 19th May	Redexis. LINVI. Linares - Villacarrillo. In Line Inspection (ILI)	Combo Plate + Cleaning, Combo Caliper + MFL	620



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3.- UNDERGROUND GAS STORAGES

3.1. UGS GAVIOTA

1 Regasification	Maintenance	Limitations	Refer. Numb.
From 1st January to 31st March	Replace the oil coolers on the 3 TCs. Overhaul platform TC-C	Total unavailability Injection during extraction campaign	643
From 1st April to 31st July	Insulated inspections and repairs on cooling trains	Total unavailability extraction during injection campaign	644
April 2 days	Sealing Tests Bottom Valves and Well Heads	Total unavailability Injection / Extraction.	645
From 6th to 12th November	M6 corrosion campaign. Changes choke valve G11 & flowline G9 . DCS Migration	Total unavailability Injection / Extraction.	646
From 6th to 12th November	FCV-213 change. DCS Migration	Total unavailability Injection / Extraction.	647
November 2 days	Sealing Tests Bottom Valves and Well Heads	Total unavailability Injection / Extraction.	648



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3.- UNDERGROUND GAS STORAGES

3.2. UGS SERRABLO

1 Regasification	Maintenance	Limitations	Refer. Numb.
From 16th July 2020 to April 2023	Release cleaning scratchers	Extraction aprox 55.000 Nm3/h	649
From 9th to 18th February	Release cleaning scratchers	Extraction aprox 23.000 Nm3/h	650
From 1st to 10th July	MTO start-up units	Injection aprox 15.500 Nm3/h	651
From 22th July to 1st August	MTO launched TC-J2 and TJ 17	Injection aprox 45.500 Nm3/h	652
From 2nd to 12th August	J17 Workover	Max. Injection 30 Gwh/d.	653
From 13th to 23th August	Proof of production at the J-18 well	Extraction needed	682



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3.- UNDERGROUND GAS STORAGES

3.3. UGS YELA

1 Regasification	Maintenance	Limitations	Refer. Numb.
From January to February 15 days	External campaign NPL+BOTTOM UP	Extraction needed	654
From 20th to 24th March	Electrical Substation Discharge	Total unavailability Injection during extraction campaign	655
From May to June 27 days	Workover Y3 and Y4	Max. Production 22 GWh/d	656
June 11 days	Workover Y3 and Y4	Total unavailability Injection / Extraction.	657
From June to July 6 days	Workover Y3 and Y4	Max. Production 22 GWh/d	658
From July to August 31 days	Workover Y3 and Y4	Total unavailability Injection / Extraction.	659
August 14 days	Workover Y3 and Y4	Max. Production 22 GWh/d	660



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3.- UNDERGROUND GAS STORAGES

3.4. UGS MARISMAS

1 Regasification	Maintenance	Limitations	Refer. Numb.
From 1st to 30th April	General maintenance.	UGS Unavailable.	661
From 1st to 31st October	General maintenance.	UGS Unavailable.	662



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4.- GAS FIELDS AND BIOMETHANE

4.1. VIURA FIELD

1 Regasification	Maintenance	Limitations	Refer. Numb.
From 3rd April Estimated 7 days	Intervention with cable unit in Viura 1ST3 well	Without emission	663
10th July Estimated 14 days	Installation of drilling tower on the floor. Regulatory inspections. HIPPS Revision. Well head check. Scheduled maintenance on various units.	Without emission	664
23rd October Estimated 14 days	Drilling rig disassembly. Connection new well to plant. Scheduled maintenance on various units.	Without emission	665



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4.- GAS FIELDS AND BIOMETHANE

4.2. PALANCARES AZNALCÁZAR FIELD

1 Regasification	Maintenance	Limitations	Refer. Numb.
From 1st May to 30th September	Scheduled maintenance.	Gas field unavailable.	666



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4.- GAS FIELDS AND BIOMETHANE

4.3. VALDEMINGÓMEZ BIOMETHANE

1 Regasification	Maintenance	Limitations	Refer. Numb.
27th February 7 days	General preventive maintenance. Corrective gas meter	Without production.	667
4th September 10 days	Maintenance Main compressor, Processing centers review . Preventive and general corrective measures	Without production.	668



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5.- INTERNATIONAL CONNECTIONS

5.1. C.I. TARIFA

1 Regasification	Maintenance	Limitations	Numb.



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5.- INTERNATIONAL CONNECTIONS

5.2. C.I. ALMERIA

1 Regasification	Maintenance	Limitations	Refer. Numb.
Date to be defined 15 days	Enagás. URMF inline filter installation	One line unavailable and three lines available. Without affecting the maximum capacity of the I.C.	669
Date to be defined 15 days	Enagás. Calibration MUSES line 1 URMF	One line unavailable and three lines available. Without affecting the maximum capacity of the I.C.	670
Second half June	Medgaz. In Line Inspection Beni Saf - Almería	10-15 days with business impact . Capacity will be constrained.	671



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5.- INTERNATIONAL CONNECTIONS

5.3. C.I. LARRAU

1 Regasification	Maintenance	Limitations	Refer. Numb.
From 1st to 19th May	GRTgaz's various works in the French system.	Maximum capacity VIP Pyrenees in direction France > Spain is 175 GWh/day.	672
From 21st May to 7th July	GRTgaz's various works in the French system.	Maximum capacity VIP Pyrenees in direction France > Spain is 175 GWh/day.	673
From 4th to 30th September	GRTgaz's various works in the French system.	Maximum capacity VIP Pyrenees in direction France > Spain is 175 GWh/day.	674
From 1st to 13th October	GRTgaz's various works in the French system.	Maximum capacity VIP Pyrenees in direction France > Spain is 175 GWh/day.	675
From 16th to 20th October	GRTgaz's various works in the French system.	Maximum capacity VIP Pyrenees in direction France > Spain is 175 GWh/day.	676
From 23rd to 27th October	GRTgaz's various works in the French system.	Maximum capacity VIP Pyrenees in direction France > Spain is 175 GWh/day.	677
From 5th to 22nd June	Terega! ILI LACAL area	Up to 8 pistons possible. Need to adapt flows in CI Larrau during the tour.	396



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5.- INTERNATIONAL CONNECTIONS

5.4. C.I. IRÚN

1 Regasification	Maintenance	Limitations	Refer. Numb.
From 1st to 19th May	GRTgaz's various works in the French system.	Maximum capacity VIP Pyrenees in direction France > Spain is 175 GWh/day.	672
From 21st May to 7th July	GRTgaz's various works in the French system.	Maximum capacity VIP Pyrenees in direction France > Spain is 175 GWh/day.	673
From 4th to 30th September	GRTgaz's various works in the French system.	Maximum capacity VIP Pyrenees in direction France > Spain is 175 GWh/day.	674
From 1st to 13th October	GRTgaz's various works in the French system.	Maximum capacity VIP Pyrenees in direction France > Spain is 175 GWh/day.	675
From 16th to 20th October	GRTgaz's various works in the French system.	Maximum capacity VIP Pyrenees in direction France > Spain is 175 GWh/day.	676
From 23rd to 27th October	GRTgaz's various works in the French system.	Maximum capacity VIP Pyrenees in direction France > Spain is 175 GWh/day.	677
From 5th to 22nd June	Terega! ILI LACAL area	Up to 8 pistons possible. Need to adapt flows in CI Larrau during the tour.	396



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5.- INTERNATIONAL CONNECTIONS

5.5. C.I. BADAJOZ

1 Regasification	Maintenance	Limitations	Refer. Numb.
From 2nd to 24th February	REN. Launching the BYPASS DN250	No restriction on transport capacities	678
From 3rd February to 26th April	REN. Dismantling and Unavailability of Measurement, Flow Regulation and Chromatography	No restriction on transport capacities	679
24th February	REN. Launching the BYPASS DN700	No restriction on transport capacities	680
From 19th to 25th April	REN. CTS-7000 commissioning	No restriction on transport capacities	681



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5.- INTERNATIONAL CONNECTIONS

5.6. C.I. TUY

1 Regasification	Maintenance	Limitations	Refer. Numb.