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| <ul style="list-style-type: none"> <li>1.- Regasification Plants</li> <li>1.1. Bilbao Plant - BBG</li> <li>1.2. Mugaros Plant - REGANOSA</li> <li>1.3. Sagunto Plant - SAGGAS</li> <li>1.4. Barcelona Plant - ENAGAS</li> <li>1.5. Cartagena Plant - ENAGAS</li> <li>1.6. Huelva Plant - ENAGAS</li> </ul> | <p>The maintenance dates that prevent loading / unloading, significantly limit the emission capacity of the Plant, or impose important restrictions on Transportation, must be made viable in the previous monthly schedule.</p> <p>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.</p> |
| <ul style="list-style-type: none"> <li>2.- Transport pipelines - Distribution networks</li> <li>2.1. Transport Pipelines</li> <li>2.2. Distribution networks</li> <li>2.3. Compression Stations</li> <li>2.4. In Line Inspección (ILI)</li> </ul>  | <p>Maintenances or restrictions involving pipelines or Infrastructures for gas entry into the system, located in the same area of influence, won't simultaneously be programmed.</p> <p>In transport infrastructures operations that cause gas pipeline interception and also In Line Inspections, infrastructures for gas entry into the system may have to adjust their flows to the specific needs of these operations.</p>  |
| <ul style="list-style-type: none"> <li>3.- Underground Storages</li> <li>3.1. UGS Gaviota</li> <li>3.2. UGS Serrablo</li> <li>3.3. UGS Yela</li> <li>3.4. UGS Marismas</li> </ul>  | <p>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.</p>   |
| <ul style="list-style-type: none"> <li>4.- Gas fields and Biomethane</li> <li>4.1. Viura field</li> <li>4.2. Poseidón field</li> <li>4.3. Valdemingómez Biomethane</li> </ul>  |   |
| <ul style="list-style-type: none"> <li>5.- International Connections.</li> <li>5.1. CI Tarifa</li> <li>5.2. CI Almería</li> <li>5.3. CI Larrau</li> <li>5.4. CI Irún</li> <li>5.5. CI Badajoz</li> <li>5.6. CI Tuy</li> </ul>  |   |

## 1.- REGASIFICATION PLANTS

### 1.1. BILBAO PLANT – BBG

| Date Period                 | Maintenance  | Limitations   | Users Affection | Refer. Numb. |
|-----------------------------|--|---|-----------------|--------------|
| 11th or 18th May.<br>7 days | High voltage system revision                                       | Maximum emission 400.000 Nm3/h.   | No              | 155          |
| October<br>4 hours          | Annual preventive review of the relicuador                         | Maximum emission 400.000 Nm3/h.   | No              | 156          |
| Throughout the year         | Preventive maintenance of unloading arms                           | No emission limitations. It will be coordinated to prioritize loading or unloading scheduled operations of vessels. | No              | 157          |
| Throughout the year         | Preventive maintenance of boil-off compressors GB-103B and GB-103C | No emission limitations. It will be coordinated to prioritize loading or unloading scheduled operations of vessels. | No              | 158          |
| Throughout the year         | Preventive maintenance at LNG trucks loading dock                  | No emission limitations. It will be coordinated to prioritize the LNG trucks operations.                            | No              | 159          |
| Throughout the year         | Preventive maintenance primary pumps                               | No emission limitations.  | No              | 160          |
| Throughout the year         | Secondary maintenance preventive pumps                             | No emission limitations.  | No              | 161          |
| Throughout the year         | Vaporizers coating maintenance                                     | No emission limitations. It will be coordinated to prioritize scheduled productions. SCV as back-up.                | No              | 162          |



**1.- REGASIFICATION PLANTS**

**1.2. MUGARDOS PLANT – REGANOSA**

| <b>Date Period</b>            | <b>Maintenance</b>                                    | <b>Limitations</b>   | <b>Users Affection</b> | <b>Refer. Numb.</b> |
|-------------------------------|---|--|------------------------|---------------------|
| 21st January<br>12 hours      | Remove pipe NG1103                                    | Plant Stop   | No                     | 241                 |
| 29th January<br>12 hours      | Pipe installation NG1103                              | Plant Stop   | No                     | 242                 |
| January<br>1 day              | Arms maintenance at LNG trucks loading dock           | From 05:00 a.m. to 1:30 p.m.; during this time one of the two bays will stand inoperative. | No                     | 243                 |
| January<br>1 day              | Maintenance of control system LNG trucks loading dock | LNG trucks loading stop from 07:00 a.m. to 3:00 p.m.                                       | Yes                    | 244                 |
| February<br>1 day             | Arms maintenance at LNG trucks loading dock           | From 05:00 a.m. to 1:30 p.m.; during this time one of the two bays will stand inoperative. | No                     | 245                 |
| January<br>February<br>3 days | Terminal Control and Security Systems Maintenance     | Plant stops for 12 hours_day   | Yes                    | 246                 |
| March<br>1 day                | Inspection of LNG trucks loading dock scales          | LNG trucks loading stop from 08:00 a.m. to 2:30 p.m.                                       | Yes                    | 247                 |
| April<br>1 day                | Arms maintenance at LNG trucks loading dock           | From 05:00 a.m. to 1:30 p.m.; during this time one of the two bays will stand inoperative. | No                     | 248                 |



**1.- REGASIFICATION PLANTS**

**1.2. MUGARDOS PLANT – REGANOSA**

| <b>Date Period</b>        | <b>Maintenance</b>   | <b>Limitations</b>   | <b>Users Affection</b> | <b>Refer. Numb.</b> |
|---------------------------|--|--|------------------------|---------------------|
| May<br>1 day              | Annual arms maintenance at LNG trucks loading dock                             | From 05:00 a.m. to 1:30 p.m.; during this time one of the two bays will stand inoperative. | No                     | 249                 |
| June<br>1 day             | Arms maintenance at LNG trucks loading dock                                    | From 05:00 a.m. to 1:30 p.m.; during this time one of the two bays will stand inoperative. | No                     | 250                 |
| From 3rd to 8th<br>August | Seawater system review<br>Safety ties test<br>Maintenance of power supply line | Plant stops for 12 hours_day.<br>2 days LNG trucks loading stop for 12 hours               | Yes                    | 251                 |
| August<br>1 day           | Arms maintenance at LNG trucks loading dock                                    | From 05:00 a.m. to 1:30 p.m.; during this time one of the two bays will stand inoperative. | No                     | 252                 |
| September<br>1 day        | Calibration of LNG trucks loading dock scales                                  | From 05:00 a.m. to 1:30 p.m.; during this time one of the two bays will stand inoperative. | No                     | 253                 |
| October<br>1 day          | Arms maintenance at LNG trucks loading dock                                    | From 05:00 a.m. to 1:30 p.m.; during this time one of the two bays will stand inoperative. | No                     | 254                 |
| December<br>1 day         | Arms maintenance at LNG trucks loading dock                                    | From 05:00 a.m. to 1:30 p.m.; during this time one of the two bays will stand inoperative. | No                     | 255                 |



## 1.- REGASIFICATION PLANTS

### 1.3. SAGUNTO PLANT – SAGGAS

| Date Period             | Maintenance                            | Limitations   | Users Affection | Refer. Numb. |
|-------------------------|--|---|-----------------|--------------|
| March<br>3 days         | Maintenance at LNG trucks loading dock | 2 days: from 05:00 a.m. to 1:30 p.m.; during this time one of the two bays will stand inoperative.<br>1 day: LNG trucks loading stop from 08:00 a.m. to 5:00 p.m. | Yes             | 163          |
| 1st quarter<br>1 week   | ORV's review                           | Maximum emission 600.000 Nm3/h.   | No              | 164          |
| 2nd Semester<br>2 weeks | Unloading arms revision                | Without loading / unloading operations  | Yes             | 165          |
| 3rd Quarter             | Cleaning of catchment pool             | 2 days: Maximum emission 600.000 Nm3/h, from 08:00 a.m. to 5:30 p.m.<br>2 weeks: Maximum emission 800.000 Nm3/h.<br>2 weeks: Maximum emission 600.000 Nm3/h       | No              | 166          |
| 3rd quarter<br>1 day    | Periodic Tests ESD Matrix              | Plant emission restricted to the use of the compressor for shipment to the transport network (from 8:00 a.m. to 1:00 p.m.)  | No              | 164          |
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## 1.- REGASIFICATION PLANTS

### 1.4. BARCELONA PLANT – ENAGAS

| Date Period         | Maintenance  | Limitations                                    | Users Affection | Refer. Numb. |
|---------------------|--|--|-----------------|--------------|
| January<br>7 days   | Dredge of seawater outlet catch basin (North side)                   | Maximum emission 1.500.000 Nm3/h.              | No              | 168          |
| March<br>15 days    | Cleaning the collection drawer N° 2                                  | Maximum emission 1.800.000 Nm3/h.              | No              | 169          |
| April<br>3 days     | Disassembly of the sampling chromatograph at LNG trucks loading dock | LNG trucks loading stop                        | Yes             | 170          |
| April<br>7 days     | Hot Tap entry Relicudador, new Chromatograph Samples                 | BOG management capacity (Ship Load Limitation) | Yes             | 171          |
| April<br>3 days     | Legal Inspection SUB 4 and SUB 2                                     | Maximum emission 1.800.000 Nm3/h.              | No              | 172          |
| April<br>8 months   | Compressor Replacement 35 Bar network C2002A with the new C6000      | No reloading of L and XL ships                 | Yes             | 173          |
| 15th May<br>12 days | Installation of the new FMC A-263 arms frame                         | Without vesels operations at berth A-263.      | Yes             | 174          |
| May<br>18 days      | Limpieza piscina 3 Sur Pool cleaning N° 3 south.                     | Maximum emission 1.800.000 Nm3/h.              | No              | 175          |



# ANNUAL PLAN – 2020. Maintenance Operations

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2.019

## 1.- REGASIFICATION PLANTS

### 1.4. BARCELONA PLANT – ENAGAS

| Date Period          | Maintenance  | Limitations                       | Users Affection | Refer. Numb. |
|----------------------|--|-----------------------------------|-----------------|--------------|
| May<br>10 days       | Revamping SUB 3  | Maximum emission 1.500.000 Nm3/h. | No              | 176          |
| June<br>7 days       | Replacement of the valve MOV 3916 water inlet to E2200 E (ORV)                           | Maximum emission 1.050.000 Nm3/h. | No              | 177          |
| September<br>21 days | Nº 5 drawer catchment cleaning   | Maximum emission 1.500.000 Nm3/h. | No              | 178          |
| September<br>10 days | Replacement of the MOV 6010 Valve of the Sea Water Circuit                               | Maximum emission 1.050.000 Nm3/h. | No              | 179          |
| September<br>7 days  | Replacement of the outlet pressure control valve from plant to R72: PIC 2261.1 (back up) | Maximum emission 1.500.000 Nm3/h. | No              | 180          |
| October<br>15 days   | Pool cleaning Nº 4   | Maximum emission 1.800.000 Nm3/h. | No              | 181          |
| December<br>10 days  | Assembly of the 12 "1R1J LNG line to increase the volume of loading ships                | Maximum emission 1.500.000 Nm3/h. | No              | 182          |
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## 1.- REGASIFICATION PLANTS

### 1.5. CARTAGENA PLANT – ENAGAS

| Date Period                 | Maintenance   | Limitations   | Users Affection | Refer. Numb. |
|-----------------------------|---|---|-----------------|--------------|
| 2nd quarter<br>10 days      | Seawater return: Shipment / Return of water to / from CTCC: Phase 1 Collector A | Maximum emission 750.000 Nm3/h.   | No              | 183          |
| 2nd quarter<br>10 days      | Seawater return: Shipment / Return of water to / from CTCC: Phase 2 Collector B | Maximum emission 900.000 Nm3/h.   | No              | 184          |
| No definite date<br>3 days  | Revamping electrical panels and installation of emergency generator GE-201.     | No ship unloading or loading.<br>Emission and LNG trucks loading stop for 6 hours.  | Yes             | 185          |
| No definite date<br>60 days | arms review Small Scale berth. Adaptation against berth 2 (APC maritime works)  | Without loading/unloading ships in 40 M berth.  | No              | 186          |
| No definite date<br>4 days  | Biennial legal verification of LNG trucks loading dock scales                   | The reserve LNG trucks loading dock is unavailable from 08:00 a.m. to 05:00 p.m. Available 2 of 3 LNG trucks loading docks. | No              | 187          |
| No definite date<br>30 days | Overhaul Pantalan Arms 263 M  | Without loading/unloading ships in 263 M berth.   | Yes             | 188          |
| No definite date<br>30 days | Overhaul Pantalan Arms 40 M   | Without loading/unloading ships in 40 M berth.  | No              | 189          |
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## 1.- REGASIFICATION PLANTS

### 1.6. HUELVA PLANT – ENAGAS

| Date Period            | Maintenance  | Limitations  | Users Affection | Refer. Numb. |
|------------------------|--|--|-----------------|--------------|
| 1st quarter<br>1 day   | Renewal of electrical panels and switches in Substation I, II and III. Works on electrical panels NC-102 | Maximum emission 1.500.000 Nm3/h. Without loading/unloading ships. | Yes             | 190          |
| 1st quarter<br>10 days | Renewal of electrical panels and switches in Substation I, II and III. Works on electrical panels NC-501 | Maximum emission 1.500.000 Nm3/h. Without loading/unloading ships. | Yes             | 191          |
| 1st quarter<br>4 days  | Cleaning of emissary I   | Maximum emission 1.050.000 Nm3/h.                                  | No              | 192          |
| 2nd quarter<br>4 days  | Cleaning of emissary II  | Maximum emission 650.000 Nm3/h.                                    | No              | 193          |
| 2nd quarter<br>4 days  | Cleaning of emissary III   | Maximum emission 1.050.000 Nm3/h.                                  | No              | 194          |
| 2nd quarter<br>10 days | Bunkering interconnections.  | Without loading/unloading ships                                    | Yes             | 195          |
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## 2.- TRANSPORT PIPELINES - DISTRIBUTION NETWORKS

### 2.1. TRANSPORT PIPELINES

| Date Period             | Maintenance   | Limitations   | Users Affection | Refer. Numb. |
|-------------------------|---|---|-----------------|--------------|
| 2º quarter<br>7 days    | León Oviedo Gas Pipeline: Pola de Lena Variant (AVE Works "León Oviedo")                  | "León Oviedo" intercepted pipeline. P. Reganosa must adapt its issuance to demand section Tuy-Oviedo-Pola | Yes             | 196          |
| May<br>7 days           | Pos. D07: Modification Pos. D07, to adapt and receive the ILI from Burgos                 | Without any planned limitation.   | No              | 197          |
| July_August<br>1 day    | Position 38 Foronda: Replacement of ERM line A output valve                               | ERM Pos 38 unavailable. Supply to the Vitoria network through the ERM Pos 38X.01 Gamarra. 5 hours         | No              | 198          |
| January_Febr.<br>5 days | Southwestern semi-annular gas pipeline in Madrid: Insertion position T-08A Arroyomolinos. | Limitation to the capacity of transport in the half-ring of Madrid by isolation of the section.           | No              | 199          |
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## 2.- TRANSPORT PIPELINES - DISTRIBUTION NETWORKS

### 2.2. DISTRIBUTION NETWORKS

| Date Period              | Maintenance  | Limitations                     | Users Affection | Refer. Numb. |
|--------------------------|--|---------------------------------|-----------------|--------------|
| January_Febr.<br>30 days | TS Huelva-Ayamonte variant in Pontezuelas stream crossing (Cartaya, Huelva).<br>Pos F00.3 ENCE | Without any planned limitation. | No              | 200          |
| January_March<br>30 days | Conexión Getafe-Usera.<br>Pos B22 Getafe.  | Without any planned limitation. | No              | 201          |
| January_March<br>30 days | Arroyomolinos antenna.<br>Pos. T08A Arroyomolinos.   | Without any planned limitation. | No              | 202          |
| April_July<br>15 days    | Displacement RAB-00 Montmeló - Rio Besós<br>Pos. 4.07 Montmeló                                 | Without any planned limitation. | No              | 203          |
| June_August<br>21 days   | ERP-07-01 Inquitasa<br>Pos. 12 Reus  | Without any planned limitation. | No              | 204          |
| June_August<br>21 days   | ERP-07-02 Vial Bellisens<br>Pos. 12 Reus   | Without any planned limitation. | No              | 205          |
| June_August<br>21 days   | VS-002-03 Torrelavit<br>Pos. 6 Subirats  | Without any planned limitation. | No              | 206          |



**2.- TRANSPORT PIPELINES - DISTRIBUTION NETWORKS**

**2.3. COMPRESSION STATIONS**

| Date<br>Period | Maintenance | Limitations | Users<br>Affection | Refer.<br>Numb. |
|----------------|-------------|-------------|--------------------|-----------------|
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## 2.- TRANSPORT PIPELINES - DISTRIBUTION NETWORKS

### 2.4. IN LINE INSPECTIONS (ILI)

| Date Period             | Maintenance  | Limitations  | Users Affection | Refer. Numb. |
|-------------------------|--|--|-----------------|--------------|
| 3rd February<br>1 weeks | Redexis. ILI SEGAVI.<br>Pos. B-14.03 Palazuelos de Eresma            | (Calibrated plate, Cleaning, Caliper, MFL). Gas pipeline pressure needs to be lowered  | No              | 207          |
| 17th February<br>5 days | Almería - Lorca 42": Inspection ILI                                  | Optimum speed 1 - 3 m / s. Possible entry regulation by C.I. Almeria during the inspection. Stable flow.   | No              | 208          |
| 24th February<br>5 days | Lorca - Moratalla 42": Inspection ILI                                | Optimum speed 1 - 3 m / s. Possible entry regulation by C.I. Almeria during the inspection. Stable flow.   | No              | 209          |
| 2nd March<br>5 days     | Moratalla - Chinchilla 42": Inspection ILI                           | Optimum speed 1 - 3 m / s. Possible entry regulation by C.I. Almeria during the inspection. Stable flow.   | No              | 210          |
| 9th March<br>5 days     | Almendralejo - Caceres 26": Inspection ILI                           | Optimum speed 1 - 3 m / s. Possible flow regulation through the Ruta de la Plata gas pipeline during the inspection. Stable flow.  | No              | 211          |
| 16th March<br>5 days    | Cáceres-La Granja 26": Inspection ILI                                | Optimum speed 1 - 3 m / s. Possible flow regulation through the Ruta de la Plata gas pipeline during the inspection. Stable flow.  | No              | 212          |
| 23th March<br>5 days    | Pedrola - Castelnou 26": Inspection ILI                              | Optimum speed 1 - 3 m / s. Possible flow regulation through the Villar de Arnedo - Tivisa gas pipeline and adjustment of the injection in UGS Serrablo during the inspection. Stable flow. | No              | 213          |
| April<br>1 week         | Redexis. ILI CALIBI.<br>Pos. 15.20.5 Sant Antoni de Portmany (Ibiza) | (Calibrated plate, Cleaning, Caliper, MFL).  | No              | 214          |

## 2.- TRANSPORT PIPELINES - DISTRIBUTION NETWORKS

### 2.4. IN LINE INSPECTIONS (ILI)

| Date Period          | Maintenance   | Limitations  | Users Affection | Refer. Numb. |
|----------------------|---|--|-----------------|--------------|
| April<br>1 week      | Redexis. ILI SANSON San Juan de Dios-Son Reus (SANSON-01 a SANSON-02)<br>Pos. 15.20.5 Sant Antoni de Portmany (Ibiza) | (Calibrated plate, Cleaning, Caliper, MFL).<br>Date based on CTCC SON REUS consumption input   | No              | 215          |
| 27th April<br>5 days | Aranda de Duero-Boecillo 20":<br>Inspection ILI   | Optimum speed 1 - 3 m / s. It will require bypass in EC Coreses aspiration to avoid minimum speed during low demand hours.   | No              | 216          |
| 04th May<br>5 days   | Boecillo-Coreses 20": Inspection ILI  | Optimum speed 1 - 3 m / s. It will require bypass in EC Coreses aspiration to avoid minimum speed during low demand hours.   | No              | 217          |
| 11 Mayo<br>5 days    | León - Oviedo 20": Inspection ILI   | Optimum speed 1 - 3 m / s. P. Reganosa will have to adapt its emission to the needs of the Northwest area. Very linked to CCGN Soto consumption (speed decrease at that point) and entries by EC Coreses (high speed initial sections).  | No              | 218          |
| 18 Mayo<br>5 days    | Villalba-Santiago 20": Inspection ILI   | Optimum speed 1 - 3 m / s. P. Reganosa isolated until exceeding pos. I13 (2.5 hrs) and will have to adapt its emission to the needs of the ILI. Necessary flow through Tuy (Spain> Portugal, from 20,000 to 40,000 Nm <sup>3</sup> / h). | No              | 219          |
| 25 Mayo<br>5 days    | Santiago Tuy 20": Inspection ILI  | Optimum speed 1 - 3 m / s. Necessary flow through Tuy (Spain> Portugal, at least 50,000 Nm <sup>3</sup> / h). P. Reganosa will have to adapt its emission to the needs of the ILI.   | No              | 220          |
| 1 Junio<br>5 days    | Sea Line Barcelona 20": Inspection ILI  | Optimum speed 1 - 3 m / s. Pressure adaptation in Montmeló and Papiol + P. Bna 36 bara to get correct flow in the ILI.   | No              | 221          |



**3.- UNDERGROUND GAS STORAGEES**

**3.1. UGS GAVIOTA**

| Date Period       | Maintenance   | Limitations                                  | Users Affection | Refer. Numb. |
|-------------------|---|--|-----------------|--------------|
| June<br>15 days   | Offshore Platform: Wireline G-6 installation anti-return fund and change Xmas Tree G-10 and G-7. Plant: Torch shutdow | Total unavailability Injection / Extraction. | Yes             | 222          |
| October<br>2 days | Offshore Platform: Tightness Testing Bottom Valves and Wellhead   | Total unavailability Injection / Extraction. | No              | 224          |
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**3.- UNDERGROUND GAS STORAGEES**

**3.2. UGS SERRABLO**

| Date Period       | Maintenance   | Limitations                                    | Users Affection | Refer. Numb. |
|-------------------|---|--|-----------------|--------------|
| May<br>5 days     | Jaca Wells: Substitution Choke<br>Production J-2                            | Without extraction Jaca 2                      | Yes             | 225          |
| October<br>5 days | Aurin Wells and Jaca Wells: Tightness<br>Testing Bottom Valves and Wellhead | Partial Unavailability Injection / Extraction. | No              | 226          |
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**3.- UNDERGROUND GAS STORAGEES**

**3.3. UGS YELA**

| Date Period     | Maintenance                     | Limitations              | Users Affection | Refer. Numb. |
|-----------------|---------------------------------|--------------------------|-----------------|--------------|
| March<br>3 days | Electrical Substation Discharge | Injection Unavailability | Yes             | 227          |
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**3.- UNDERGROUND GAS STORAGEES**

**3.4. UGS MARISMAS**

| Date Period                | Maintenance                                    | Limitations                                  | Users Affection | Refer. Numb. |
|----------------------------|--|--|-----------------|--------------|
| From 1st to 30th April     | Annual Periodic Maintenance                    | Total unavailability Injection / Extraction. | Yes             | 228          |
| From 1st June to 15th July | Workover in the wells of Marismas 3 y Rincon 1 | Total unavailability Injection / Extraction. | Yes             | 229          |
| From 1st to 30 October     | Annual Periodic Maintenance                    | Total unavailability Injection / Extraction. | Yes             | 230          |
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**4.- GAS FIELDS AND BIOMETHANE**

**4.1. VIURA FIELD**

| Date Period           | Maintenance   | Limitations           | Users Affection | Refer. Numb. |
|-----------------------|---|-----------------------|-----------------|--------------|
| From 1st to 31st July | Propane chiller review. Regulatory inspections. HIPPS review. | Gas field unavailable | Yes             | 231          |
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**4.- GAS FIELDS AND BIOMETHANE**

**4.2. POSEIDÓN FIELD**

| Date<br>Period | Maintenance | Limitations | Users<br>Affection | Refer.<br>Numb. |
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| There aren't planned maintenance operations with impact on the emission. |  |  |  |  |
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**4.- GAS FIELDS AND BIOMETHANE**

**4.3. VALDEMINGÓMEZ BIOMETHANE**

| Date Period                 | Maintenance                      | Limitations         | Users Affection | Refer. Numb. |
|-----------------------------|----------------------------------|---------------------|-----------------|--------------|
| From 17th to 28th February  | Scheduled maintenance operations | Without production. | Yes             | 232          |
| From 15th to 21st June      | Scheduled maintenance operations | Without production. | Yes             | 233          |
| From 14th to 20th September | Scheduled maintenance operations | Without production. | Yes             | 234          |
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**5.- INTERNATIONAL CONNECTIONS**

**5.1. C.I. TARIFA**

| Date<br>Period                  | Maintenance                 | Limitations   | Users<br>Affection | Refer.<br>Numb. |
|---------------------------------|-----------------------------|---|--------------------|-----------------|
| No definite date<br>1 to 2 days | Mov-100 by-pass replacement | Without flow through C.I. Tarifa. It will be carried out in a period with low nomination, which will be managed with the use of OBA prior agreement between operators. 24 to 48 hrs | No                 | 235             |
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**5.- INTERNATIONAL CONNECTIONS**

**5.2. C.I. ALMERIA**

| Date Period                          | Maintenance   | Limitations  | Users Affection | Refer. Numb. |
|--------------------------------------|---|--|-----------------|--------------|
| 2nd fortnight of September<br>3 days | Mantenimiento de la subestación eléctrica y UPS. Interconexiones para el TK-40. | Transport stop for a maximum of 48 hours and may affect 3 days of gas. | Yes             | 236          |
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**5.- INTERNATIONAL CONNECTIONS**

**5.3. C.I. LARRAU**

| Date Period                     | Maintenance                                   | Limitations  | Users Affection | Refer. Numb. |
|---------------------------------|---|--|-----------------|--------------|
| From 4th to 15th May            | Various works of GRTGaz in the French system. | Maximum capacity of the VIP Pyrenees in the direction France > Spain is 175 GWh/day. | Yes             | 237          |
| From 2nd June to 24th July      | Various works of GRTGaz in the French system. | Maximum capacity of the VIP Pyrenees in the direction France > Spain is 175 GWh/day. | Yes             | 238          |
| From 31st August to 2nd October | Various works of GRTGaz in the French system. | Maximum capacity of the VIP Pyrenees in the direction France > Spain is 175 GWh/day. | Yes             | 239          |
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**5.- INTERNATIONAL CONNECTIONS**

**5.4. C.I. IRÚN**

| Date Period                     | Maintenance                                   | Limitations  | Users Affection | Refer. Numb. |
|---------------------------------|---|--|-----------------|--------------|
| From 4th to 15th May            | Various works of GRTGaz in the French system. | Maximum capacity of the VIP Pyrenees in the direction France > Spain is 175 GWh/day. | Yes             | 237          |
| From 2nd June to 24th July      | Various works of GRTGaz in the French system. | Maximum capacity of the VIP Pyrenees in the direction France > Spain is 175 GWh/day. | Yes             | 238          |
| From 31st August to 2nd October | Various works of GRTGaz in the French system. | Maximum capacity of the VIP Pyrenees in the direction France > Spain is 175 GWh/day. | Yes             | 239          |
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**5.- INTERNATIONAL CONNECTIONS**

**5.5. C.I. BADAJOZ**

| Date Period      | Maintenance                            | Limitations  | Users Affection | Refer. Numb. |
|------------------|--|--|-----------------|--------------|
| No definite date | REN. Inspection in line in Campo Mayor | No operational impact is expected, but it will be necessary to maintain constant flow during the inspection. OBA regularization will be agreed if necessary between Operators. | No              | 240          |
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**5.- INTERNATIONAL CONNECTIONS**

**5.6. C.I. TUY**

| Date<br>Period | Maintenance | Limitations | Users<br>Affection | Refer.<br>Numb. |
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