

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

PERMISIONARIO: TAG PIPELINES NORTE  
 PUNTO DE MEDICIÓN: EC LOS RAMONES NUEVA - 42" RAMONES NORTE  
 ZONA DE MEDICIÓN: RESTO DEL PAÍS



| FECHA:<br>(dd/mm/aa) | Metano<br>(% vol) | Bióxido de<br>Carbono<br>(% vol) | Nitrógeno<br>(% vol) | Total Inertes<br>(% vol) | Etano<br>(% vol) | Temperatura de<br>Rocio<br>(K) | Humedad<br>(mg/m <sup>3</sup> ) | Poder Calorífico<br>(MJ/m <sup>3</sup> ) | Índice Wobbe<br>(MJ/m <sup>3</sup> ) | Acido<br>Sulfhídrico<br>(mg/m <sup>3</sup> ) | Azufre total*<br>(mg/m <sup>3</sup> ) | Oxígeno*<br>(% vol) |
|----------------------|-------------------|----------------------------------|----------------------|--------------------------|------------------|--------------------------------|---------------------------------|--|--------------------------------------|--|---------------------------------------|---------------------|
| 01/07/2016           | 96.505            | 0.745                            | 0.272                | 1.0174                   | 2.2589           | 259.3100                       | 29.6210                         | 38.1879                                  | 50.2774                              | 0.6369                                       |                                       |                     |
| 02/07/2016           | 96.974            | 0.664                            | 0.266                | 0.9293                   | 1.904            | 259.0600                       | 29.7529                         | 38.1297                                  | 50.3260                              | 0.5643                                       |                                       |                     |
| 03/07/2016           | 97.095            | 0.609                            | 0.241                | 0.8502                   | 1.863            | 260.2300                       | 29.9497                         | 38.1463                                  | 50.3855                              | 0.4712                                       |                                       |                     |
| 04/07/2016           | 97.183            | 0.608                            | 0.227                | 0.8358                   | 1.798            | 260.0600                       | 29.7222                         | 38.1280                                  | 50.3820                              | 0.4655                                       |                                       |                     |
| 05/07/2016           | 96.969            | 0.639                            | 0.253                | 0.8919                   | 1.953            | 259.9700                       | 30.3282                         | 38.1523                                  | 50.3623                              | 0.4933                                       |                                       |                     |
| 06/07/2016           | 96.804            | 0.653                            | 0.258                | 0.9113                   | 2.104            | 260.7200                       | 32.2538                         | 38.1823                                  | 50.3672                              | 0.5399                                       |                                       |                     |
| 07/07/2016           | 96.553            | 0.674                            | 0.251                | 0.9243                   | 2.277            | 259.0400                       | 29.9994                         | 38.2671                                  | 50.4043                              | 0.5876                                       |                                       |                     |
| 08/07/2016           | 96.954            | 0.652                            | 0.239                | 0.8911                   | 1.985            | 258.2400                       | 31.6054                         | 38.1490                                  | 50.3577                              | 0.4471                                       |                                       |                     |
| 09/07/2016           | 96.749            | 0.651                            | 0.248                | 0.8992                   | 2.145            | 261.4300                       | 37.6284                         | 38.2209                                  | 50.3950                              | 0.4618                                       |                                       |                     |
| 10/07/2016           | 96.932            | 0.639                            | 0.225                | 0.8639                   | 2.031            | 260.3900                       | 33.0932                         | 38.1740                                  | 50.3878                              | 0.4565                                       |                                       |                     |
| 11/07/2016           | 97.034            | 0.637                            | 0.213                | 0.8495                   | 1.949            | 259.1100                       | 31.2138                         | 38.1524                                  | 50.3828                              | 0.5003                                       |                                       |                     |
| 12/07/2016           | 96.857            | 0.653                            | 0.274                | 0.9271                   | 2.039            | 259.5200                       | 32.1075                         | 38.1553                                  | 50.3445                              | 0.4879                                       |                                       |                     |
| 13/07/2016           | 96.811            | 0.658                            | 0.255                | 0.9125                   | 2.112            | 258.9600                       | 30.6273                         | 38.1729                                  | 50.3602                              | 0.5075                                       |                                       |                     |
| 14/07/2016           | 96.683            | 0.686                            | 0.242                | 0.9279                   | 2.210            | 259.2000                       | 30.6153                         | 38.1388                                  | 50.2853                              | 0.5338                                       |                                       |                     |
| 15/07/2016           | 96.6085           | 0.6416                           | 0.2420               | 0.8836                   | 2.2529           | 258.4200                       | 31.2520                         | 38.2914                                  | 50.4177                              | 0.5428                                       |                                       |                     |
| 16/07/2016           | 96.6106           | 0.6336                           | 0.2396               | 0.8732                   | 2.3272           | 259.4400                       | 34.1391                         | 38.2638                                  | 50.4093                              | 0.5842                                       |                                       |                     |
| 17/07/2016           | 96.6905           | 0.6115                           | 0.2398               | 0.8513                   | 2.2678           | 259.3000                       | 33.8220                         | 38.2567                                  | 50.4219                              | 0.5370                                       |                                       |                     |
| 18/07/2016           | 96.5934           | 0.6278                           | 0.2261               | 0.8539                   | 2.3587           | 258.3300                       | 31.2453                         | 38.2839                                  | 50.4312                              | 0.5254                                       |                                       |                     |
| 19/07/2016           | 96.3813           | 0.6303                           | 0.2253               | 0.8556                   | 2.5295           | 258.7500                       | 32.5585                         | 38.3648                                  | 50.4725                              | 0.5072                                       |                                       |                     |
| 20/07/2016           | 96.4739           | 0.6217                           | 0.2233               | 0.8450                   | 2.4402           | 260.6300                       | 37.9745                         | 38.3521                                  | 50.4730                              | 0.5685                                       |                                       |                     |
| 21/07/2016           | 96.6235           | 0.5905                           | 0.2213               | 0.8118                   | 2.3281           | 260.1300                       | 36.2710                         | 38.3257                                  | 50.4832                              | 0.4986                                       |                                       |                     |
| 22/07/2016           | 96.7050           | 0.6304                           | 0.2053               | 0.8357                   | 2.2274           | 260.6000                       | 37.9273                         | 38.2884                                  | 50.4409                              | 0.4759                                       |                                       |                     |
| 23/07/2016           | 96.6804           | 0.6877                           | 0.2121               | 0.8998                   | 2.1892           | 263.0600                       | 40.8494                         | 38.2534                                  | 50.4044                              | 0.5670                                       |                                       |                     |
| 24/07/2016           | 96.6625           | 0.7312                           | 0.2038               | 0.9350                   | 2.1488           | 263.5600                       | 41.8840                         | 38.2483                                  | 50.3745                              | 0.6531                                       |                                       |                     |
| 25/07/2016           | 96.7058           | 0.7173                           | 0.2103               | 0.9276                   | 2.0983           | 263.8800                       | 41.9849                         | 38.2468                                  | 50.3802                              | 0.6928                                       |                                       |                     |
| 26/07/2016           | 96.8697           | 0.6730                           | 0.2296               | 0.903                    | 1.9891           | 261.4600                       | 34.4961                         | 38.2030                                  | 50.3777                              | 0.6439                                       |                                       |                     |
| 27/07/2016           | 96.7613           | 0.6725                           | 0.2148               | 0.887                    | 2.1436           | 260.3100                       | 31.2753                         | 38.2241                                  | 50.3969                              | 0.6100                                       |                                       |                     |
| 28/07/2016           | 96.7259           | 0.7353                           | 0.2195               | 0.955                    | 2.0580           | 261.2400                       | 33.7041                         | 38.2201                                  | 50.3492                              | 0.6560                                       |                                       |                     |
| 29/07/2016           | 96.5370           | 0.7658                           | 0.2102               | 0.976                    | 2.2419           | 261.1400                       | 33.9472                         | 38.2510                                  | 50.3478                              | 0.6657                                       |                                       |                     |
| 30/07/2016           | 96.7132           | 0.7640                           | 0.2322               | 0.996                    | 2.0448           | 261.0600                       | 34.7364                         | 38.1898                                  | 50.3030                              | 0.7062                                       |                                       |                     |
| 31/07/2016           | 96.8410           | 0.7087                           | 0.2349               | 0.944                    | 1.9752           | 260.2900                       | 32.1808                         | 38.1854                                  | 50.3401                              | 0.6713                                       |                                       |                     |

\*/ Los valores trimestrales se deberán reportar en los meses de enero, abril, julio y octubre de cada año, respecto del trimestre inmediato anterior.

|            |         |        |        |        |        |          |         |         |         |        |        |        |
|------------|---------|--------|--------|--------|--------|----------|---------|---------|---------|--------|--------|--------|
| Mínimo     | 96.3813 | 0.5905 | 0.2038 | 0.8118 | 1.7983 | 258.2400 | 29.6210 | 38.1280 | 50.2853 | 0.4471 | 0.0000 | 0.0000 |
| Promedio   | 96.7512 | 0.6649 | 0.2340 | 0.8989 | 2.1371 | 260.2206 | 33.5086 | 38.2206 | 50.3855 | 0.5567 |        |        |
| Máximo     | 97.1833 | 0.7658 | 0.2744 | 1.0174 | 2.5295 | 263.8800 | 41.9849 | 38.3648 | 50.4832 | 0.7062 | 0.0000 | 0.0000 |
| Desv. Est. | 0.1883  | 0.0470 | 0.0193 | 0.0490 | 0.1716 | 1.4280   | 3.6007  | 0.0664  | 0.0467  | 0.0774 |        |        |

Observaciones: