

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

PERMISIONARIO: **TRACTEBEL GNP, S.A. de C.V.**
 PUNTO DE MEDICIÓN: **Nuevo Madero**
 ZONA DE MEDICIÓN: **RESTO DEL PAÍS**



FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
	84.0 MÍN.	3.0 MÁX.	4.0 MÁX.	4.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	37.3 MÍN.	48.2 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/05/2018	95.6256	0.8815	0.2116	1.0930	2.7318	269.3998	20.0800	38.5300	50.3900	0.6961		
02/05/2018	95.5753	0.9155	0.2196	1.1351	2.7952	269.9288	20.9200	38.4900	50.3400	0.6404		
03/05/2018	94.9030	0.8400	0.2107	1.0507	3.4897	269.4108	20.3000	38.7600	50.5500	0.6894		
04/05/2018	95.2494	0.7848	0.1844	0.9691	3.4090	266.0642	19.8100	38.6400	50.5300	0.6016		
05/05/2018	95.3366	0.7977	0.2049	1.0025	3.3167	267.2950	19.5700	38.5800	50.4800	0.6308		
06/05/2018	95.3603	0.8700	0.2272	1.0971	3.2376	268.3839	20.2700	38.5100	50.3800	0.7300		
07/05/2018	95.3760	0.7925	0.2025	0.9950	3.2733	266.7534	19.7400	38.5800	50.4900	0.6704		
08/05/2018	95.3747	0.7640	0.2202	0.9843	3.2771	268.3978	20.0000	38.6000	50.5100	0.6628		
09/05/2018	95.3527	0.7925	0.2172	1.0097	3.2956	268.1641	19.6500	38.5800	50.4800	0.6346		
10/05/2018	95.3582	0.8606	0.2028	1.0634	3.2475	267.7744	19.3000	38.5300	50.4100	0.6569		
11/05/2018	95.3168	0.9030	0.2147	1.1177	3.2629	266.9691	19.2400	38.5000	50.3600	0.8755		
12/05/2018	95.3137	0.8221	0.1948	1.0169	3.3442	265.1525	19.6100	38.5700	50.4700	0.7034		
13/05/2018	95.0717	0.7761	0.1969	0.9730	3.4449	265.5573	19.6300	38.7400	50.5900	0.6446		
14/05/2018	94.5722	0.6306	0.1888	0.8193	3.7157	267.3984	18.1100	39.1200	50.9100	0.4786		
15/05/2018	94.4284	0.6452	0.1970	0.8423	3.8745	264.2141	18.1400	39.1200	50.9000	0.8681		
16/05/2018	94.3297	0.6782	0.2087	0.8869	3.9145	266.0898	18.2300	39.1200	50.8700	1.0204		
17/05/2018	94.3320	0.6790	0.2046	0.8836	3.9145	265.9423	18.2900	39.1300	50.8700	0.9526		
18/05/2018	94.4652	0.6856	0.1983	0.8838	3.8022	266.8826	18.6200	39.0900	50.8500	0.5673		
19/05/2018	94.9292	0.7093	0.2083	0.9176	3.5480	268.9332	19.0400	38.8500	50.7000	0.5633		
20/05/2018	95.3091	0.7296	0.1937	0.9234	3.3289	269.5149	19.7100	38.6900	50.6000	0.7973		
21/05/2018	95.3443	0.7379	0.2025	0.9404	3.2759	270.3071	19.5800	38.6700	50.5800	0.7210		
22/05/2018	95.2878	0.7626	0.1988	0.9614	3.3206	269.1924	19.3800	38.6700	50.5600	0.7312		
23/05/2018	95.2065	0.7423	0.1975	0.9398	3.3837	268.7458	19.2100	38.7100	50.6000	0.6961		
24/05/2018	95.1960	0.7000	0.1895	0.8895	3.4388	266.8215	19.8700	38.7500	50.6600	0.6106		
25/05/2018	95.1526	0.6550	0.1693	0.8243	3.4732	270.2737	19.3100	38.8400	50.7500	0.6282		
26/05/2018	95.0418	0.8257	0.2046	1.0303	3.4814	275.4981	19.6600	38.7200	50.5400	0.3326		
27/05/2018	95.2393	0.8288	0.2191	1.0479	3.3435	277.1562	21.4400	38.6200	50.4800	0.3326		
28/05/2018	95.3129	0.7590	0.2113	0.9703	3.3550	273.3413	21.0400	38.6400	50.5400	0.5214		
29/05/2018	95.3382	0.7442	0.2108	0.9550	3.3494	271.2454	19.9000	38.6300	50.5500	0.5796		
30/05/2018	95.2589	0.7644	0.2223	0.9867	3.3810	273.2256	20.2300	38.6500	50.5400	0.5881		
31/05/2018	95.2754	0.7258	0.2105	0.9363	3.4103	270.4651	19.0600	38.6800	50.5800	0.5457		

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

Mínimo	94.3297	0.6306	0.1693	0.8193	2.7318	264.2141	18.1100	38.4900	50.3400	0.3326		
Promedio	95.1366	0.7679	0.2046	0.9725	3.4012	268.8548	19.5787	38.7197	50.5826	0.6571		
Máximo	95.6256	0.9155	0.2272	1.1351	3.9145	277.1562	21.4400	39.1300	50.9100	1.0204		
Desv. Est.	0.35162	0.07583	0.01238	0.08321	0.26010	2.94219	0.79949	0.19798	0.16108	0.14845		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.**

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL
(Registros Máximos diarios)

PERMISIONARIO: **TRACTEBEL GNP, S.A. de C.V.**
 PUNTO DE MEDICIÓN: **Nuevo Madero**
 ZONA DE MEDICIÓN: **RESTO DEL PAÍS**



FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
	84.0 MÍN.	3.0 MÁX.	4.0 MÁX.	4.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	43.6 MÁX.	53.2 MÁX.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/05/2018	95.7430	0.9323	0.2781	1.1495	2.9719	299.8162	21.1200	38.7100	50.4800	0.8127		
02/05/2018	95.8441	0.9946	0.2473	1.1982	3.4499	299.4951	41.7300	38.6900	50.4600	0.8127		
03/05/2018	95.3347	0.9178	0.2627	1.1638	3.7492	299.2758	45.9500	38.9600	50.6900	0.8307		
04/05/2018	95.3764	0.9038	0.2196	1.1049	3.5632	298.7511	33.0800	38.8200	50.7400	0.7857		
05/05/2018	95.5293	0.8661	0.2370	1.0689	3.5321	299.0430	40.3200	38.8600	50.6600	0.7676		
06/05/2018	95.5230	1.0004	0.2444	1.2252	3.4213	299.0652	44.1400	38.8000	50.6000	0.8758		
07/05/2018	95.5601	0.9195	0.2344	1.1466	3.3764	299.2743	45.8500	38.6300	50.5600	0.8938		
08/05/2018	95.5335	0.8581	0.2619	1.1141	3.5229	300.7944	45.6500	38.7800	50.5800	0.8487		
09/05/2018	95.5093	0.8317	0.2359	1.0530	3.4512	300.0775	42.7300	38.7800	50.6000	0.8037		
10/05/2018	95.4618	0.9453	0.2421	1.1603	3.3636	299.4262	45.8500	38.7700	50.5400	0.7586		
11/05/2018	95.4930	0.9721	0.2586	1.1863	3.6707	299.8866	22.5300	38.6900	50.4300	1.2722		
12/05/2018	95.4183	0.9309	0.2503	1.1660	3.4455	299.2671	43.0300	38.6800	50.5600	0.9028		
13/05/2018	95.3226	0.8685	0.2375	1.0833	3.5732	298.8625	44.2400	38.8700	50.7000	0.9839		
14/05/2018	95.0400	0.7940	0.2575	1.0209	4.0854	299.1320	19.7200	39.6200	51.3900	0.6865		
15/05/2018	94.6618	0.7196	0.2132	0.9140	4.0916	268.0046	19.2200	39.2800	51.0200	1.1911		
16/05/2018	94.5733	0.7215	0.2374	0.9282	4.0960	268.1776	20.0200	39.1900	50.9400	1.2452		
17/05/2018	94.4569	0.7377	0.2438	0.9680	4.1877	268.2251	19.6200	39.1900	50.9300	1.2993		
18/05/2018	94.6857	0.7417	0.2254	0.9327	4.1374	269.9217	19.7200	39.4100	51.1900	0.8848		
19/05/2018	95.3954	0.7936	0.2298	1.0052	3.7496	271.2122	127.9600	39.0600	50.8300	0.9839		
20/05/2018	95.4860	0.7879	0.2121	0.9732	3.5783	271.2526	21.4300	38.7600	50.6600	1.1821		
21/05/2018	95.4488	0.7657	0.2157	0.9749	3.3752	271.6345	20.8200	38.7200	50.6200	0.8397		
22/05/2018	95.4763	0.8309	0.2175	1.0379	3.4269	272.2827	45.6500	38.7100	50.6300	0.8848		
23/05/2018	95.3275	0.8886	0.2272	1.1146	3.6575	270.8370	21.2300	38.8300	50.6800	0.9028		
24/05/2018	95.3030	0.7930	0.2079	0.9990	3.5366	269.9466	323.0300	38.8500	50.8100	0.8217		
25/05/2018	95.3722	0.6881	0.1852	0.8690	3.6850	276.8134	323.0300	38.9500	50.8100	0.8037		
26/05/2018	95.3951	0.8936	0.2415	1.1012	3.8809	282.9535	24.1400	39.0300	50.8200	0.7676		
27/05/2018	95.3797	0.8762	0.2487	1.1018	3.4864	281.6227	46.8500	38.7500	50.5600	0.0558		
28/05/2018	95.3976	0.8463	0.2304	1.0755	3.4301	277.5323	46.8500	38.6600	50.5700	0.9929		
29/05/2018	95.4180	0.7755	0.2206	0.9852	3.4602	283.1749	24.7400	38.6600	50.5700	0.9388		
30/05/2018	95.4306	0.8027	0.2413	1.0202	3.5190	275.5231	47.1500	38.7100	50.5700	0.6865		
31/05/2018	95.3703	0.7671	0.2344	0.9886	3.5341	275.0797	22.1300	38.7100	50.6100	0.7767		

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

Mínimo	94.4569	0.6881	0.1852	0.8690	2.9719	268.0046	19.2200	38.6300	50.4300	0.0558		
Promedio	95.3312	0.8440	0.2355	1.0590	3.6132	285.3665	55.1461	38.8752	50.7035	0.8804		
Máximo	95.8441	1.0004	0.2781	1.2252	4.1877	300.7944	323.0300	39.6200	51.3900	1.2993		
Desv. Est.	0.31991	0.08500	0.01900	0.09270	0.27458	13.51084	74.35323	0.24057	0.21271	0.22606		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.**

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL
(Registros Mínimos diarios)

PERMISIONARIO: **TRACTEBEL GNP, S.A. de C.V.**
 PUNTO DE MEDICIÓN: **Nuevo Madero**
 ZONA DE MEDICIÓN: **RESTO DEL PAÍS**



FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m ³)	Poder Calorífico (MJ/m ³)	Índice Wobbe (MJ/m ³)	Acido Sulfhídrico (mg/m ³)	Azufre total* (mg/m ³)	Oxígeno* (% vol)
	84.0 MÍN.	3.0 MÁX.	4.0 MÁX.	4.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	37.3 MÍN.	48.2 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/05/2018	95.2829	0.8434	0.1951	1.0636	2.6296	265.8196	18.3100	38.4400	50.3000	0.5604		
02/05/2018	94.8799	0.8769	0.1917	1.0896	2.5626	267.1726	13.0800	38.3600	50.2200	0.4433		
03/05/2018	94.5050	0.8097	0.1945	1.0158	3.2486	265.4765	9.9700	38.5700	50.4500	0.5334		
04/05/2018	94.9874	0.6320	0.1515	0.7835	3.2909	262.1568	16.5000	38.5600	50.4000	0.4433		
05/05/2018	95.0173	0.7540	0.1855	0.9472	3.1367	263.9021	15.8000	38.5200	50.4200	0.4523		
06/05/2018	95.1022	0.7680	0.2005	0.9813	3.0515	265.7896	10.3700	38.4200	50.2400	0.5244		
07/05/2018	95.2618	0.7130	0.1882	0.9204	3.1009	261.6422	9.6700	38.4400	50.3200	0.4883		
08/05/2018	94.9046	0.7010	0.2039	0.9174	3.1498	263.1253	9.0600	38.5300	50.4300	0.4703		
09/05/2018	95.2008	0.7556	0.1978	0.9707	3.1617	263.1023	16.3000	38.5300	50.4300	0.4523		
10/05/2018	95.1219	0.7897	0.1843	0.9791	3.1532	262.4633	16.8000	38.4400	50.3100	0.4703		
11/05/2018	94.8892	0.8646	0.2058	1.0753	3.0983	261.7673	17.9100	38.4500	50.3200	0.5244		
12/05/2018	95.1028	0.7344	0.1814	0.9226	3.2541	259.6540	13.4900	38.4700	50.3300	0.5063		
13/05/2018	94.8402	0.7231	0.1736	0.9023	3.3231	260.2191	17.0000	38.5500	50.4200	0.4793		
14/05/2018	94.0323	0.3785	0.1276	0.5061	3.3721	260.0653	15.7000	38.7400	50.5700	0.2270		
15/05/2018	94.1273	0.5908	0.1751	0.7893	3.6836	261.5159	16.8000	38.9700	50.7700	0.4973		
16/05/2018	94.1100	0.6277	0.1919	0.8374	3.7527	262.1138	16.2000	38.9900	50.7700	0.7676		
17/05/2018	94.0110	0.6292	0.1802	0.8388	3.7879	263.2911	16.8000	39.0200	50.7600	0.6415		
18/05/2018	94.0815	0.4915	0.1478	0.6394	3.6391	263.9841	17.0000	39.0200	50.8100	0.2360		
19/05/2018	94.4982	0.5946	0.1781	0.7865	3.2554	266.5984	17.4100	38.6800	50.5900	0.2360		
20/05/2018	95.0373	0.6547	0.1806	0.8591	3.1851	267.8993	17.9100	38.6500	50.5500	0.5153		
21/05/2018	95.2231	0.6971	0.1846	0.8991	3.1867	268.3322	18.3100	38.6400	50.5400	0.6235		
22/05/2018	95.1430	0.6792	0.1835	0.8766	3.2034	267.6064	16.4000	38.6200	50.4900	0.6235		
23/05/2018	94.8934	0.6754	0.1801	0.8576	3.2979	265.8189	16.6000	38.5700	50.4000	0.5964		
24/05/2018	95.1111	0.5756	0.1573	0.7332	3.3721	264.1945	16.6000	38.6800	50.5400	0.5964		
25/05/2018	94.8962	0.6058	0.1561	0.7743	3.3134	263.1497	16.6000	38.7200	50.6500	0.5964		
26/05/2018	94.3499	0.6806	0.1782	0.8679	3.2437	270.3512	15.8000	38.5300	50.4000	0.5964		
27/05/2018	95.0560	0.7624	0.1831	0.9774	3.2136	273.1467	11.0700	38.5700	50.4200	0.5964		
28/05/2018	95.2190	0.7172	0.2000	0.9295	3.2747	271.2677	9.0600	38.5900	50.4500	0.5964		
29/05/2018	95.2201	0.7117	0.1981	0.9259	3.2866	268.0876	9.5700	38.5900	50.5100	0.3532		
30/05/2018	95.1096	0.7196	0.2098	0.9402	3.2527	267.3911	9.9700	38.5700	50.5000	0.4613		
31/05/2018	95.1493	0.6887	0.1975	0.9042	3.2453	268.2618	16.9000	38.6400	50.5300	0.3982		

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

Mínimo	94.0110	0.3785	0.1276	0.5061	2.5626	259.6540	9.0600	38.3600	50.2200	0.2270		
Promedio	94.8505	0.6918	0.1827	0.8875	3.2493	265.0118	14.8052	38.6152	50.4787	0.5002		
Máximo	95.2829	0.8769	0.2098	1.0896	3.7879	273.1467	18.3100	39.0200	50.8100	0.7676		
Desv. Est.	0.41088	0.10438	0.01853	0.12255	0.25301	3.39014	3.18073	0.17538	0.15466	0.12176		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.**