

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.
01/05/2019	95.1200	0.9517	0.2871	1.2388	3.2561	260.8195	21.2700	38.5000	50.3000	1.3451		
02/05/2019	94.8752	0.8707	0.2885	1.1592	3.5131	260.7260	20.5400	38.6500	50.4400	1.1701		
03/05/2019	94.5000	0.8258	0.2542	1.0800	3.7766	259.4778	19.4700	38.8700	50.6000	1.1592		
04/05/2019	94.5853	0.8458	0.2532	1.0990	3.7191	259.3115	20.3900	38.8100	50.5600	1.2716		
05/05/2019	94.8000	0.8805	0.2912	1.1717	3.6099	258.9088	20.9300	38.6500	50.4200	1.1248		
06/05/2019	94.3185	0.7735	0.2370	1.0105	4.0689	258.4062	20.2900	38.9500	50.7000	0.9774		
07/05/2019	94.6446	0.7581	0.2330	0.9911	3.8596	259.0359	19.6800	38.8400	50.6400	1.3674		
08/05/2019	94.6719	0.7832	0.2297	1.0128	3.8624	258.6761	19.4300	38.7900	50.6100	1.4589		
09/05/2019	94.7520	0.7950	0.2302	1.0252	3.7108	259.0941	19.6900	38.7900	50.5900	1.3808		
10/05/2019	94.7817	0.8216	0.2263	1.0479	3.6793	259.7205	19.6200	38.7700	50.5600	1.4307		
11/05/2019	94.9462	0.8101	0.2346	1.0447	3.5464	259.9655	20.0700	38.7000	50.5300	1.3000		
12/05/2019	95.0653	0.7994	0.2526	1.0520	3.4349	260.3048	20.4200	38.6600	50.5000	1.1525		
13/05/2019	95.0058	0.8124	0.2423	1.0548	3.4996	260.7475	19.8600	38.6800	50.5100	1.1228		
14/05/2019	94.9109	0.8013	0.2374	1.0387	3.5863	260.5522	19.3700	38.7200	50.5400	1.2111		
15/05/2019	95.0821	0.8503	0.2505	1.1008	3.4562	260.7485	19.7900	38.6000	50.4400	0.2813		
16/05/2019	95.0324	0.8152	0.2510	1.0662	3.4735	260.4758	19.7800	38.6600	50.5000	0.0473		
17/05/2019	95.1215	0.7798	0.2440	1.0239	3.4970	259.8169	19.4000	38.6400	50.5000	0.0477		
18/05/2019	95.2051	0.8048	0.2491	1.0539	3.4664	259.7077	19.3400	38.5600	50.4500	0.8310		
19/05/2019	95.2361	0.8152	0.2633	1.0785	3.4231	259.8084	19.9000	38.5400	50.4200	1.4159		
20/05/2019	95.1667	0.7952	0.2627	1.0579	3.5018	260.2178	19.6700	38.5700	50.4500	1.3772		
21/05/2019	95.1262	0.8578	0.2614	1.1192	3.4896	260.1245	19.7600	38.5300	50.3900	1.5948		
22/05/2019	95.1237	0.8278	0.2470	1.0749	3.5306	260.0784	17.3000	38.5700	50.4300	1.3391		
23/05/2019	95.0990	0.7258	0.2284	0.9541	3.6513	259.6613	18.6700	38.6600	50.5600	1.2987		
24/05/2019	95.1353	0.7664	0.2439	1.0103	3.5942	260.1443	18.5900	38.6100	50.5000	1.2699		
25/05/2019	95.1993	0.8220	0.2401	1.0621	3.4824	260.6034	19.6200	38.5500	50.4400	1.5547		
26/05/2019	95.2355	0.8261	0.2399	1.0660	3.4473	260.6956	20.3900	38.5400	50.4300	1.4680		
27/05/2019	95.2306	0.7440	0.2245	0.9685	3.5032	260.5114	20.8600	38.6200	50.5400	1.2827		
28/05/2019	95.1758	0.7087	0.2129	0.9216	3.5992	260.3990	21.8800	38.6700	50.6000	1.1697		
29/05/2019	95.2939	0.7275	0.2141	0.9416	3.4753	260.4397	21.0500	38.6200	50.5500	1.0794		
30/05/2019	95.0593	0.7345	0.2162	0.9506	3.6978	260.9461	20.0900	38.6800	50.5800	1.2286		
31/05/2019	94.7387	0.7241	0.2131	0.9372	3.8906	264.8084	20.9900	38.8600	50.6800	1.3176		

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

Mínimo	94.3185	0.7087	0.2129	0.9216	3.2561	258.4062	17.3000	38.5000	50.3000	0.0473		
Promedio	94.9754	0.8018	0.2439	1.0456	3.5904	260.1591	19.9390	38.6729	50.5148	1.1637		
Máximo	95.2939	0.9517	0.2912	1.2388	4.0689	264.8084	21.8800	38.9500	50.7000	1.5948		
Desv. Est.	0.24771	0.05253	0.02060	0.07089	0.16984	1.09628	0.87958	0.11394	0.08940	0.38217		

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.
01/05/2019	95.3675	1.0171	0.3116	1.3188	3.4090	261.7368	46.2500	38.5800	50.3600	1.5335		
02/05/2019	95.2143	0.9424	0.3032	1.2318	3.8817	261.8483	45.4500	38.8000	50.5700	1.4705		
03/05/2019	94.7408	0.9176	0.2893	1.1977	3.9282	260.5640	45.8500	38.9800	50.6900	1.3443		
04/05/2019	95.0222	1.0052	0.3085	1.3107	3.8902	260.4902	46.3500	38.9000	50.6200	1.5966		
05/05/2019	95.4127	1.0041	0.3194	1.3044	4.0529	261.3718	331.1700	38.8200	50.5500	1.5245		
06/05/2019	94.6535	0.8859	0.2831	1.1688	4.2836	260.6687	21.4300	39.0900	50.7900	1.3623		
07/05/2019	94.9929	0.8285	0.2548	1.0618	4.2942	260.0995	22.0300	39.1000	50.7900	1.7318		
08/05/2019	94.8796	0.8450	0.2410	1.0809	3.9562	260.1578	331.1700	38.9900	50.7000	1.8309		
09/05/2019	94.9349	0.8428	0.2402	1.0754	3.9258	260.0017	323.2300	39.0900	50.7700	1.7047		
10/05/2019	94.9940	0.8696	0.2406	1.0980	3.9291	261.4319	21.8300	39.0600	50.7500	1.8579		
11/05/2019	95.0287	0.8466	0.2495	1.0837	3.6685	260.4397	34.4900	38.7500	50.5700	1.6687		
12/05/2019	95.1912	0.8426	0.2697	1.0922	3.6795	261.0411	21.5300	38.7400	50.5500	1.4975		
13/05/2019	95.0817	0.8462	0.2668	1.0993	3.6021	261.7348	21.6300	38.7400	50.5600	1.2722		
14/05/2019	95.0458	0.8675	0.2544	1.1048	3.8329	261.9318	21.0200	38.8100	50.6200	1.6146		
15/05/2019	95.2141	0.8864	0.2687	1.1336	3.6530	261.4449	21.3300	38.7100	50.5200	1.5696		
16/05/2019	95.1908	0.8980	0.2656	1.1501	3.5807	261.0928	42.8300	38.7500	50.6100	0.0919		
17/05/2019	95.3908	0.9239	0.2734	1.1951	3.7663	261.6708	41.9300	38.7400	50.5600	0.0828		
18/05/2019	95.3161	0.8370	0.2626	1.0970	3.5843	260.2608	45.4500	38.6500	50.5500	1.5876		
19/05/2019	95.3234	0.8539	0.2749	1.1186	3.4991	260.6292	44.9400	38.5600	50.4500	1.6236		
20/05/2019	95.2961	0.8498	0.2787	1.1181	3.7785	261.0355	45.5500	38.6100	50.4900	1.9210		
21/05/2019	95.2540	0.8881	0.2746	1.1466	3.6271	260.6365	44.7400	38.5900	50.4600	1.8759		
22/05/2019	95.4055	0.9112	0.2718	1.1743	3.6887	261.8943	331.1700	38.6500	50.5300	29.6912		
23/05/2019	95.2479	0.8639	0.2486	1.1122	3.9299	260.6882	322.8300	38.7500	50.7000	2.3625		
24/05/2019	95.4184	0.8151	0.2811	1.0623	3.8588	261.6388	323.1300	38.6900	50.5600	2.1192		
25/05/2019	95.3112	0.8520	0.2538	1.0909	3.6627	261.3564	331.1700	38.6100	50.5000	29.6912		
26/05/2019	95.3444	0.8781	0.2540	1.1199	3.5562	261.7382	331.1700	38.5800	50.4700	29.6912		
27/05/2019	95.3526	0.8768	0.2522	1.1229	3.6971	261.8878	23.7400	38.7500	50.6400	1.5065		
28/05/2019	95.3446	0.7448	0.2265	0.9713	3.8663	262.2388	23.6400	38.7500	50.6400	1.4254		
29/05/2019	95.4701	0.8068	0.2281	1.0307	3.6408	261.6308	23.2400	38.6500	50.5900	1.3804		
30/05/2019	95.4571	0.8232	0.2349	1.0476	4.1673	261.9620	22.2300	38.8600	50.6900	1.5245		
31/05/2019	95.1134	0.7860	0.2323	1.0094	4.3129	267.2899	23.1300	39.1600	50.8500	1.6146		


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Mínimo	94.6535	0.7448	0.2265	0.9713	3.4090	260.0017	21.0200	38.5600	50.3600	0.0828		
Promedio	95.1939	0.8728	0.2650	1.1267	3.8130	261.3746	108.8919	38.7906	50.6032	4.2506		
Máximo	95.4701	1.0171	0.3194	1.3188	4.3129	267.2899	331.1700	39.1600	50.8500	29.6912		
Desv. Est.	0.21077	0.06070	0.02445	0.08211	0.23363	1.27406	131.81260	0.17483	0.11406	8.47677		

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.
01/05/2019	94.9590	0.9161	0.2726	1.2039	3.0911	259.6997	11.4800	38.3400	50.1500	1.1731		
02/05/2019	94.5508	0.7815	0.2590	1.0753	3.1841	259.2514	9.5700	38.5100	50.3200	0.9569		
03/05/2019	94.3177	0.7811	0.2351	1.0282	3.6272	258.7513	7.7600	38.6700	50.4300	0.9388		
04/05/2019	94.3816	0.8127	0.2406	1.0587	3.4453	258.2063	9.9700	38.4300	50.2100	1.1010		
05/05/2019	94.3694	0.8080	0.2620	1.0793	3.0719	256.8894	9.9700	38.3500	50.1700	1.1010		
06/05/2019	94.0425	0.7007	0.2206	0.9293	3.7600	256.5771	18.4100	38.7000	50.4500	0.7676		
07/05/2019	94.0223	0.7092	0.2193	0.9416	3.5444	257.7957	8.2600	38.7300	50.5600	1.0650		
08/05/2019	94.4575	0.7229	0.2136	0.9441	3.6771	257.0304	8.2600	38.7400	50.5400	1.0650		
09/05/2019	94.3146	0.7624	0.2179	0.9915	3.6006	258.2054	8.2600	38.7200	50.5400	1.0650		
10/05/2019	94.3230	0.7817	0.2139	1.0084	3.4785	257.3842	7.7600	38.7000	50.5100	1.0830		
11/05/2019	94.8351	0.7825	0.2246	1.0183	3.4758	258.9506	18.4100	38.6700	50.4900	1.1371		
12/05/2019	94.7820	0.7660	0.2375	1.0183	3.3414	259.3292	18.9100	38.6100	50.4600	1.0019		
13/05/2019	94.8895	0.7757	0.2313	1.0232	3.4060	259.6557	12.4800	38.6400	50.4600	0.9749		
14/05/2019	94.6804	0.7636	0.2149	0.9883	3.4661	259.3602	16.6000	38.6600	50.4900	1.0650		
15/05/2019	94.8482	0.8252	0.2391	1.0653	3.3176	259.7415	11.2800	38.5500	50.4100	0.0378		
16/05/2019	94.8314	0.7436	0.2227	0.9662	3.3415	258.7427	10.4700	38.5800	50.4100	0.0378		
17/05/2019	94.7446	0.7180	0.2302	0.9566	3.2916	256.8254	8.3600	38.5000	50.3200	0.0378		
18/05/2019	95.0928	0.7416	0.2289	0.9771	3.3458	258.2074	8.9600	38.5100	50.3900	0.0378		
19/05/2019	95.1470	0.7810	0.2522	1.0510	3.3422	258.0481	11.1800	38.5100	50.3700	1.2092		
20/05/2019	94.8652	0.7611	0.2474	1.0204	3.3768	258.8746	8.8600	38.5300	50.4100	0.8307		
21/05/2019	95.0036	0.7999	0.2497	1.0581	3.3575	259.4199	8.7600	38.4900	50.3500	1.3713		
22/05/2019	94.9694	0.7468	0.2320	0.9990	3.2762	259.2062	8.7600	38.5100	50.3500	1.3713		
23/05/2019	94.8170	0.6302	0.1959	0.8261	3.5256	257.8319	8.7600	38.5800	50.4200	1.3713		
24/05/2019	94.8501	0.7179	0.2285	0.9648	3.3048	258.6619	8.7600	38.5300	50.4500	1.3713		
25/05/2019	95.0092	0.7679	0.2298	0.9990	3.3891	259.6960	8.7600	38.5100	50.4000	1.3713		
26/05/2019	95.1292	0.7896	0.2270	1.0263	3.3121	259.8351	8.7600	38.4700	50.3600	1.3713		
27/05/2019	95.0066	0.6965	0.2130	0.9135	3.3323	259.5254	17.5100	38.4800	50.3600	0.9839		
28/05/2019	94.9190	0.6743	0.2051	0.8924	3.4655	259.2374	20.0200	38.6200	50.5600	0.9839		
29/05/2019	95.0985	0.6845	0.2033	0.8942	3.3065	258.3011	18.8100	38.5800	50.4800	0.8217		
30/05/2019	94.5423	0.6736	0.2071	0.8891	3.3229	259.7235	17.7100	38.5600	50.4500	0.9208		
31/05/2019	94.1064	0.6935	0.2010	0.8981	3.6330	260.9369	17.3100	38.6900	50.6000	1.0650		

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Mínimo	94.0223	0.6302	0.1959	0.8261	3.0719	256.5771	7.7600	38.3400	50.1500	0.0378		
Promedio	94.7066	0.7519	0.2283	0.9905	3.4003	258.7065	11.9074	38.5700	50.4152	0.9577		
Máximo	95.1470	0.9161	0.2726	1.2039	3.7600	260.9369	20.0200	38.7400	50.6000	1.3713		
Desv. Est.	0.33309	0.05611	0.01862	0.07468	0.15780	1.04900	4.25875	0.10561	0.10767	0.39764		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.