


**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

(Valores promedio diarios)

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

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	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.
01/01/2022	95.0847	0.9069	0.8108	1.7179	3.0421	240.9676	9.7600	38.0800	49.8400	1.3527	<10.8	0.00
02/01/2022	95.0422	0.9754	0.7340	1.7094	3.0917	241.7029	8.4600	38.0900	49.8400	0.2436		
03/01/2022	94.8680	0.9778	0.7227	1.7005	3.2491	242.1855	7.8900	38.1600	49.8800	0.0127		
04/01/2022	95.0986	1.0104	0.6842	1.6946	3.0113	243.7762	8.9800	38.1100	49.8500	0.0128		
05/01/2022	95.2454	0.8474	0.9310	1.7784	2.8077	242.7755	11.4000	38.0000	49.7800	0.0072		
06/01/2022	95.2577	0.8317	0.9640	1.7957	2.7926	241.5238	9.0700	37.9800	49.7600	0.7568		
07/01/2022	95.3045	0.8037	0.9980	1.8016	2.7400	240.8715	9.7200	37.9500	49.7500	0.8586		
08/01/2022	95.3158	0.8017	0.9975	1.7992	2.7090	241.1300	9.3500	37.9500	49.7600	0.9267		
09/01/2022	95.1858	0.8790	0.8676	1.7468	2.9270	240.5285	7.9300	38.0200	49.8000	1.0959		
10/01/2022	95.0874	0.9778	0.7750	1.7528	2.9754	242.5489	7.5100	38.0700	49.8000	0.9877		
11/01/2022	95.1025	0.9435	0.9002	1.8437	2.8732	242.8374	7.6400	38.0000	49.7300	0.8814		
12/01/2022	95.2146	0.8817	0.9464	1.8281	2.7940	242.3398	8.5300	37.9700	49.7400	0.8983		
13/01/2022	95.2204	0.8679	0.9621	1.8300	2.7923	241.8725	10.1800	37.9700	49.7400	0.9370		
14/01/2022	95.0948	0.8691	0.9512	1.8203	2.9259	243.0771	15.2900	38.0100	49.7700	0.9933		
15/01/2022	95.1093	0.8451	0.9651	1.8103	2.9394	243.2828	7.9900	38.0100	49.7700	0.8916		
16/01/2022	95.1135	0.8664	0.8495	1.7159	3.0381	242.0160	6.0400	38.0600	49.8500	0.8767		
17/01/2022	95.0766	1.0136	0.6606	1.6742	3.0843	242.3840	6.9800	38.1100	49.8600	0.9161		
18/01/2022	95.1467	0.8995	0.8460	1.7454	2.9546	242.7966	7.9300	38.0400	49.8100	0.8453		
19/01/2022	94.9361	0.8757	0.8790	1.7547	3.0735	241.3716	8.0400	38.1300	49.8600	0.7447		
20/01/2022	94.6614	0.9556	0.7609	1.7166	3.4467	240.9014	6.8900	38.2100	49.9000	0.6585		
21/01/2022	94.5078	0.9283	0.8043	1.7325	3.5112	242.2009	5.5100	38.2600	49.9300	0.7269		
22/01/2022	94.8274	0.9114	0.8219	1.7333	3.2656	242.0639	4.3500	38.1400	49.8800	0.5885		
23/01/2022	94.9123	0.9889	0.7576	1.7465	3.1547	242.5408	5.2400	38.1200	49.8400	0.5460		
24/01/2022	94.8758	0.9939	0.7391	1.7330	3.1982	242.3450	5.8200	38.1400	49.8500	0.6258		
25/01/2022	94.9607	0.9141	0.8469	1.7608	3.0870	242.8626	9.8500	38.0900	49.8300	0.8692		
26/01/2022	94.9366	0.8780	0.9169	1.7950	3.1015	241.8786	11.5900	38.0700	49.8100	0.8079		
27/01/2022	94.8243	0.9136	0.8784	1.7919	3.2003	241.2798	9.9500	38.1100	49.8300	0.9912		
28/01/2022	95.0340	0.8740	0.8880	1.7621	3.0563	240.7555	6.1600	38.0600	49.8300	0.8684		
29/01/2022	95.0929	0.8396	0.8938	1.7333	3.0366	240.7523	5.5900	38.0600	49.8500	0.7610		
30/01/2022	95.0651	0.8902	0.8452	1.7354	3.0407	240.7222	10.1700	38.0700	49.8400	0.8668		
31/01/2022	95.1388	0.8600	0.8894	1.7494	2.9453	241.8980	12.7100	38.0400	49.8200	0.8932		

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

<b>Mínimo</b>	94.5078	0.8017	0.6606	1.6742	2.7090	240.5285	4.3500	37.9500	49.7300	0.0072		
<b>Promedio</b>	95.0433	0.9039	0.8544	1.7584	3.0279	241.9416	8.4684	38.0671	49.8194	0.7562		
<b>Máximo</b>	95.3158	1.0136	0.9980	1.8437	3.5112	243.7762	15.2900	38.2600	49.9300	1.3527		
<b>Desv. Est.</b>	0.18159	0.05940	0.09196	0.04373	0.18930	0.85767	2.36454	0.07386	0.05000	0.31085		

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 <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	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.
01/01/2022	95.2030	1.0285	0.9259	1.8211	3.1611	242.2996	11.0700	38.1200	49.8900	1.8399		
02/01/2022	95.2567	1.0889	0.7935	1.8378	3.2584	243.5640	9.8700	38.1600	49.9000	2.0201		
03/01/2022	95.0001	1.0517	0.7591	1.7719	3.7500	242.8913	8.7600	38.3300	49.9900	0.0558		
04/01/2022	95.7285	1.2722	0.7796	1.9226	3.6250	246.0271	11.7800	38.2700	50.0000	0.0558		
05/01/2022	95.4556	1.0072	1.0736	1.8651	3.5959	244.5123	11.7800	38.2300	49.9200	0.1099		
06/01/2022	95.3627	0.9027	1.0710	1.9012	3.1086	242.0597	11.7800	38.0800	49.8500	1.3713		
07/01/2022	95.4202	0.9032	1.0734	1.8621	3.0305	242.0277	11.5800	38.0400	49.7900	1.3804		
08/01/2022	95.4950	0.8674	1.0932	1.8772	2.8494	241.7694	11.2800	38.0000	49.8100	1.3083		
09/01/2022	95.3290	0.9794	0.9764	1.8340	3.0725	241.7494	13.1900	38.0600	49.8500	1.4885		
10/01/2022	95.2738	1.1368	0.8994	1.8511	3.4838	243.5079	8.5600	38.2900	49.9600	1.3623		
11/01/2022	95.2356	1.3596	0.9707	2.2491	2.9879	243.7958	8.7600	38.0900	49.8200	1.1911		
12/01/2022	95.3878	1.0080	1.0401	1.8821	2.9976	243.6404	26.9500	38.0300	49.7800	1.2362		
13/01/2022	95.4131	1.0475	1.0440	1.8865	3.0625	242.4394	13.7900	38.1300	49.8700	1.3984		
14/01/2022	95.2133	0.9645	1.0072	1.9092	3.0242	244.7409	24.3400	38.0400	49.8100	1.5335		
15/01/2022	95.2750	0.9314	0.9925	1.9108	3.0645	244.5085	24.3400	38.0400	49.8100	1.3894		
16/01/2022	95.2444	0.9285	0.9584	1.8383	3.1806	243.1807	9.0600	38.1100	49.9000	1.2542		
17/01/2022	95.2290	1.1170	0.8018	1.7700	3.2221	243.4287	12.9800	38.1600	49.9200	1.3713		
18/01/2022	95.3280	1.0584	0.9245	1.8177	3.3747	243.3035	9.0600	38.1500	49.8800	1.3263		
19/01/2022	95.3288	1.0123	1.1114	1.8622	4.0049	242.5319	8.9600	38.5200	50.1000	1.1641		
20/01/2022	95.0061	1.0774	0.9017	1.7926	3.9370	242.0573	8.9600	38.4000	50.0400	0.9659		
21/01/2022	94.8735	1.1172	0.8828	1.8544	4.0497	243.0172	6.6500	38.5500	50.0700	1.1281		
22/01/2022	95.0869	0.9988	0.8766	1.8174	4.0224	242.9526	6.5500	38.3900	50.0600	0.7586		
23/01/2022	95.0498	1.0745	0.8312	1.8034	3.2248	243.5192	12.0800	38.1600	49.8800	0.7136		
24/01/2022	95.1107	1.0624	0.7629	1.8097	3.3468	243.4843	8.6600	38.2100	49.9500	0.8487		
25/01/2022	95.1407	1.0287	0.9633	1.8384	3.3396	243.6990	12.8800	38.2200	49.9500	1.1911		
26/01/2022	95.1220	1.0015	0.9598	1.8756	3.6093	242.6360	13.8900	38.2500	49.9100	1.1461		
27/01/2022	94.9511	1.0390	0.9869	1.8757	3.3651	241.7415	13.9900	38.1700	49.9000	1.2993		
28/01/2022	95.2863	0.9605	0.9386	1.8467	3.2818	242.0729	13.6900	38.1400	49.8700	1.1911		
29/01/2022	95.2573	0.9017	0.9311	1.8043	3.1554	241.5938	13.6900	38.1300	49.9000	1.0289		
30/01/2022	95.2453	0.9605	0.9329	1.8030	3.2429	241.8524	13.6900	38.1300	49.8900	1.1911		
31/01/2022	95.3031	0.9138	0.9600	1.8215	3.1403	242.4807	13.8900	38.1000	49.8800	1.1371		


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<b>Mínimo</b>	94.8735	0.8674	0.7591	1.7700	2.8494	241.5938	6.5500	38.0000	49.7800	0.0558		
<b>Promedio</b>	95.2456	1.0258	0.9427	1.8585	3.3409	243.0027	12.4681	38.1839	49.9081	1.1438		
<b>Máximo</b>	95.7285	1.3596	1.1114	2.2491	4.0497	246.0271	26.9500	38.5500	50.1000	2.0201		
<b>Desv. Est.</b>	0.17451	0.10521	0.09880	0.08275	0.33222	1.04326	4.80145	0.13778	0.08268	0.44243		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

**(Registros Mínimos diarios)**

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

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	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.
01/01/2022	94.8857	0.8358	0.6691	1.6448	2.9234	240.0914	8.8600	38.0300	49.7600	1.0109		
02/01/2022	94.8342	0.8958	0.6532	1.6307	2.9484	240.4924	7.2600	38.0400	49.7200	0.0018		
03/01/2022	94.3686	0.9185	0.6704	1.6439	3.0914	240.8472	7.2600	38.1100	49.8100	0.0018		
04/01/2022	94.5000	0.9108	0.6137	1.5986	2.3547	242.1335	6.8500	37.9200	49.6400	0.0018		
05/01/2022	94.4912	0.7511	0.7268	1.6626	2.5864	241.1499	6.8500	37.9100	49.7100	0.0018		
06/01/2022	94.9967	0.7522	0.8932	1.7439	2.6889	240.1440	6.8500	37.9100	49.6700	0.0018		
07/01/2022	95.0003	0.7404	0.9394	1.7630	2.6414	239.9618	7.4600	37.9200	49.7000	0.6235		
08/01/2022	95.1988	0.7625	0.9298	1.7389	2.5506	240.4022	7.1600	37.8900	49.6900	0.6595		
09/01/2022	95.0077	0.8098	0.7956	1.7083	2.7511	239.4265	6.0500	37.9400	49.7200	0.7767		
10/01/2022	94.5578	0.8931	0.7021	1.6728	2.7688	241.3496	6.2500	38.0000	49.7200	0.6145		
11/01/2022	94.8628	0.8217	0.8606	1.7605	2.7138	241.9851	6.0500	37.8000	49.3400	0.6595		
12/01/2022	95.0289	0.8056	0.8521	1.7832	2.6136	241.3979	7.2600	37.9100	49.6900	0.6505		
13/01/2022	94.8919	0.7896	0.7817	1.7132	2.6584	241.2471	7.2600	37.9100	49.6700	0.6685		
14/01/2022	94.9750	0.8150	0.9033	1.7702	2.8102	241.0041	7.7600	37.9700	49.6800	0.7406		
15/01/2022	94.8937	0.8122	0.8929	1.7671	2.8100	242.2001	7.7600	37.9700	49.7100	0.7406		
16/01/2022	94.9896	0.8116	0.8018	1.6517	2.8877	241.0477	3.7400	37.9800	49.7400	0.6235		
17/01/2022	94.9424	0.8499	0.5485	1.6193	2.9592	240.7991	3.7400	38.0400	49.7700	0.5514		
18/01/2022	94.7167	0.8337	0.6257	1.6660	2.7797	242.2452	6.4500	37.9800	49.7400	0.6325		
19/01/2022	94.0937	0.7508	0.7648	1.6570	2.6237	240.3179	7.0500	37.9200	49.7200	0.4523		
20/01/2022	94.1756	0.8608	0.6711	1.6394	3.0971	239.9645	7.0500	38.1100	49.8000	0.4523		
21/01/2022	93.7275	0.8474	0.7196	1.6633	3.1744	240.5319	4.6400	38.1300	49.8400	0.4703		
22/01/2022	94.1083	0.8284	0.7871	1.6718	3.0685	241.3712	2.8300	38.0700	49.7800	0.4162		
23/01/2022	94.8218	0.9264	0.7266	1.6801	3.0778	241.4498	2.8300	38.0800	49.7700	0.3802		
24/01/2022	94.7282	0.9087	0.7006	1.6534	3.0149	241.4805	4.9400	38.0700	49.7800	0.4343		
25/01/2022	94.6852	0.8205	0.7391	1.6534	2.9485	241.7778	4.5400	38.0300	49.7400	0.5874		
26/01/2022	94.4068	0.8167	0.7748	1.7462	2.9473	241.3279	4.9400	38.0100	49.7200	0.5604		
27/01/2022	94.6333	0.8370	0.7675	1.7092	3.0843	240.5975	5.4500	38.0500	49.7500	0.7316		
28/01/2022	94.7643	0.8063	0.8592	1.6861	2.8856	239.7853	4.5400	38.0200	49.7700	0.5694		
29/01/2022	94.9337	0.7824	0.8527	1.6637	2.9170	240.0336	4.5400	38.0200	49.7700	0.5694		
30/01/2022	94.9022	0.8367	0.8054	1.6894	2.8823	239.7594	3.8400	38.0200	49.7700	0.6055		
31/01/2022	94.9635	0.8137	0.8203	1.6890	2.7508	241.3137	5.0400	37.9700	49.7600	0.5694		

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<b>Mínimo</b>	93.7275	0.7404	0.5485	1.5986	2.3547	239.4265	2.8300	37.8000	49.3400	0.0018		
<b>Promedio</b>	94.7125	0.8273	0.7693	1.6884	2.8390	240.8915	5.9065	37.9913	49.7242	0.5084		
<b>Máximo</b>	95.1988	0.9264	0.9394	1.7832	3.1744	242.2452	8.8600	38.1300	49.8400	1.0109		
<b>Desv. Est.</b>	0.33785	0.05092	0.09874	0.04943	0.19387	0.78075	1.58396	0.07628	0.08429	0.25688		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.