

**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 <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.
01/04/2021	94.1197	0.7623	0.9673	1.7295	3.5432	240.5261	36.4200	38.5600	50.1500	0.7858	<10.8	0.00
02/04/2021	93.7939	0.8508	0.7564	1.6072	4.3398	241.8878	29.6300	38.5600	50.1900	0.7131		
03/04/2021	93.8603	0.8588	0.7015	1.5603	4.1894	240.9483	26.6900	38.6300	50.2400	0.7190		
04/04/2021	93.8809	0.8881	0.6980	1.5861	4.3339	239.4662	14.7500	38.5300	50.1700	0.8079		
05/04/2021	94.0145	0.8934	0.6965	1.5899	4.2200	239.2723	13.9300	38.4800	50.1400	0.8062		
06/04/2021	94.2479	0.8255	0.8106	1.6360	3.9099	239.7945	13.7800	38.3900	50.0700	0.7587		
07/04/2021	94.3714	0.8482	0.7521	1.6004	3.8353	239.5941	14.0400	38.3800	50.0900	0.7133		
08/04/2021	94.2336	0.8246	0.7859	1.6105	3.9617	238.9904	14.2700	38.4100	50.1000	0.6896		
09/04/2021	94.2175	0.7300	0.9391	1.6691	3.9103	239.3086	15.6500	38.3700	50.0700	0.6858		
10/04/2021	94.0801	0.7812	0.9273	1.7086	4.0190	239.0609	15.5600	38.3800	50.0500	0.7740		
11/04/2021	94.1192	0.7886	0.8923	1.6809	4.0149	239.3563	16.2300	38.3900	50.0700	0.6661		
12/04/2021	94.1257	0.7944	0.8895	1.6838	3.9976	239.5572	16.7600	38.3900	50.0700	0.6489		
13/04/2021	94.1061	0.6946	0.8037	1.4983	4.1751	238.2052	13.7800	38.5200	50.2500	0.5624		
14/04/2021	93.9337	0.6313	0.7937	1.4249	4.3723	237.8835	13.1500	38.6400	50.3700	0.5560		
15/04/2021	93.9953	0.5603	0.7173	1.2776	4.4688	236.5501	11.1100	38.7200	50.4900	0.5400		
16/04/2021	94.0352	0.6305	0.8094	1.4399	4.2897	238.0622	14.4300	38.5900	50.3300	0.7016		
17/04/2021	94.0082	0.7285	0.9121	1.6405	4.1453	239.6768	17.6600	38.4500	50.1400	0.8247		
18/04/2021	94.4213	0.6861	1.0035	1.6896	3.7212	238.0344	14.5200	38.2800	50.0300	0.7636		
19/04/2021	94.3555	0.7251	0.9845	1.7096	3.7731	238.2030	14.2000	38.2900	50.0100	0.7524		
20/04/2021	94.4692	0.7250	0.9874	1.7125	3.6569	238.6203	14.7100	38.2600	49.9900	0.6924		
21/04/2021	94.2103	0.7269	0.9587	1.6856	3.6935	243.1680	24.4100	38.4500	50.1200	0.7194		
22/04/2021	94.0868	0.7510	0.9752	1.7263	3.9685	241.6389	20.4800	38.3800	50.0500	0.7420		
23/04/2021	94.1919	0.7607	0.9643	1.7250	3.9141	238.8599	13.8800	38.3300	50.0100	0.6781		
24/04/2021	94.0940	0.7560	0.9681	1.7240	3.9977	239.9157	12.8900	38.3700	50.0500	0.7634		
25/04/2021	94.3802	0.7423	0.9541	1.6963	3.7404	238.6172	14.9800	38.3000	50.0200	0.6914		
26/04/2021	94.4025	0.7448	0.9259	1.6706	3.7606	237.4949	14.3300	38.3100	50.0400	0.7395		
27/04/2021	94.0280	0.7254	0.9495	1.6749	4.1057	238.6776	15.1600	38.4200	50.1100	0.7665		
28/04/2021	94.4305	0.7082	0.9757	1.6839	3.7176	238.8864	17.5100	38.3000	50.0300	1.0130		
29/04/2021	94.4270	0.7065	0.9767	1.6832	3.7060	239.0716	19.5000	38.3000	50.0300	1.0493		
30/04/2021	94.2277	0.7138	0.9957	1.7096	3.8097	239.5454	19.8900	38.3600	50.0500	1.1047		

\*/ 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>	93.7939	0.5603	0.6965	1.2776	3.5432	236.5501	11.1100	38.2600	49.9900	0.5400		
<b>Promedio</b>	94.1623	0.7521	0.8824	1.6345	3.9764	239.2958	17.1433	38.4247	50.1177	0.7476		
<b>Máximo</b>	94.4692	0.8934	1.0035	1.7295	4.4688	243.1680	36.4200	38.7200	50.4900	1.1047		
<b>Desv. Est.</b>	0.18604	0.07587	0.10427	0.10498	0.24425	1.34686	5.52365	0.12022	0.11693	0.12595		

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.
01/04/2021	94.7147	1.0257	1.1357	1.9267	4.1936	242.6690	49.9700	38.9800	50.4100	1.4614		
02/04/2021	94.5170	0.9228	0.8471	1.7094	4.6107	247.0833	47.3600	38.8000	50.3700	0.8758		
03/04/2021	94.7164	0.9419	0.7406	1.6514	4.7268	246.9305	31.8800	38.9200	50.4500	0.8668		
04/04/2021	94.1312	0.9845	0.7271	1.6486	4.5379	247.8459	18.3100	38.6000	50.2300	0.9839		
05/04/2021	94.2510	0.9706	0.7301	1.6787	4.3709	240.0697	16.1000	38.5300	50.1900	0.9388		
06/04/2021	94.4954	0.9238	0.9480	1.8033	4.1005	240.3708	15.0900	38.4900	50.1600	0.9028		
07/04/2021	94.5941	0.9135	0.8255	1.6779	3.9819	241.0511	16.0000	38.4200	50.1200	0.8217		
08/04/2021	94.5580	0.8922	0.9173	1.7043	4.1714	247.0916	17.0000	38.4700	50.1500	0.9929		
09/04/2021	94.4613	0.9172	1.0264	1.7462	4.2372	245.9942	18.6100	38.4900	50.1700	0.8758		
10/04/2021	94.2722	0.9251	1.0133	1.8297	4.5608	240.1796	18.2100	38.7200	50.3900	1.0920		
11/04/2021	94.2923	0.8933	0.9871	1.7600	4.2378	242.3299	19.0100	38.4600	50.1200	0.7947		
12/04/2021	94.2789	0.8851	1.0206	1.7785	4.1643	248.4775	19.1100	38.4500	50.1300	0.7857		
13/04/2021	95.0114	0.8552	0.9908	1.7289	9.6201	246.1777	18.2100	40.5000	51.4700	0.7676		
14/04/2021	94.1683	0.8185	0.9964	1.7923	4.7686	254.7870	18.7100	38.7900	50.4600	0.7676		
15/04/2021	94.3273	0.6572	0.8680	1.4298	4.6822	251.1223	12.4800	38.8900	50.6000	0.9659		
16/04/2021	94.2432	0.7349	0.9901	1.5403	4.5425	239.6394	16.3000	38.6700	50.4400	0.8397		
17/04/2021	94.7412	0.8933	0.9954	1.8338	4.5167	240.7446	22.0300	38.6100	50.3900	1.6236		
18/04/2021	94.9918	0.7679	1.1056	1.7569	4.1374	239.3091	16.8000	38.4000	50.1200	0.9298		
19/04/2021	94.8374	0.8415	1.0708	1.7981	4.2032	239.1664	17.5100	38.4100	50.0700	0.8848		
20/04/2021	94.6919	0.8154	1.0392	1.7792	3.8192	239.2749	17.1000	38.3000	50.0400	0.7947		
21/04/2021	94.8581	0.8523	1.1225	1.7773	4.0775	247.2612	41.9300	38.7400	50.2900	0.8758		
22/04/2021	94.5556	0.8790	1.1013	1.8288	4.3843	246.3299	24.0400	38.6700	50.2100	0.9118		
23/04/2021	94.3875	0.8396	1.0206	1.8009	4.2864	248.7897	17.7100	38.5200	50.1500	0.8848		
24/04/2021	94.6053	0.8140	1.0325	1.7994	4.3765	243.9120	14.9900	38.5000	50.1400	0.9569		
25/04/2021	94.6499	0.8149	0.9889	1.7865	4.0941	239.8705	17.1000	38.4200	50.1000	0.8487		
26/04/2021	94.7480	0.8334	0.9673	1.7602	3.9943	247.1304	17.9100	38.3900	50.1000	0.8668		
27/04/2021	94.6467	0.8239	1.0457	1.7689	4.4983	240.0185	19.4200	38.5300	50.1900	1.1821		
28/04/2021	94.6209	0.8048	1.0800	1.7699	3.8853	241.7593	20.3200	38.3500	50.0800	1.3984		
29/04/2021	94.5521	0.7811	1.0320	1.7466	3.8077	239.9548	23.4400	38.3400	50.0700	1.6146		
30/04/2021	94.6187	0.8066	1.0668	1.7527	4.1078	244.3227	24.1400	38.5600	50.1500	1.9570		

\*/ 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>	94.1312	0.6572	0.7271	1.4298	3.8077	239.1664	12.4800	38.3000	50.0400	0.7676		
<b>Promedio</b>	94.5513	0.8610	0.9811	1.7455	4.4565	243.9888	21.5597	38.6307	50.2653	1.0154		
<b>Máximo</b>	95.0114	1.0257	1.1357	1.9267	9.6201	254.7870	49.9700	40.5000	51.4700	1.9570		
<b>Desv. Est.</b>	0.23342	0.07715	0.11209	0.09246	1.01028	4.13262	9.21556	0.39605	0.27028	0.29622		

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 <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.
01/04/2021	93.2490	0.6207	0.8393	1.5828	3.2876	239.4287	25.1400	38.3100	50.0100	0.6235		
02/04/2021	93.4032	0.7881	0.6902	1.5033	3.5383	238.4302	22.9300	38.3200	50.0100	0.5964		
03/04/2021	93.2455	0.7751	0.6586	1.4853	3.4646	238.8083	18.1100	38.3800	50.1000	0.5514		
04/04/2021	93.6284	0.8297	0.6275	1.5261	4.0736	238.4569	12.0800	38.4700	50.0900	0.7046		
05/04/2021	93.8220	0.8334	0.6715	1.5267	3.9749	238.0211	11.8800	38.3900	50.0500	0.6956		
06/04/2021	93.9885	0.7628	0.7289	1.5840	3.6778	238.3720	12.6800	38.3200	49.9700	0.5514		
07/04/2021	94.1978	0.7956	0.6744	1.5586	3.6299	238.9792	12.1800	38.3100	50.0200	0.5694		
08/04/2021	93.9883	0.7181	0.7387	1.5688	3.5973	238.4062	11.8800	38.3200	50.0200	0.5514		
09/04/2021	93.9825	0.6669	0.6110	1.5250	3.6920	236.3132	12.9800	38.3000	50.0100	0.4973		
10/04/2021	93.7910	0.7071	0.3974	1.3205	3.8424	237.9991	12.8800	38.3300	49.9400	0.4793		
11/04/2021	93.8450	0.7220	0.8487	1.6224	3.7943	238.8689	14.3900	38.3000	49.9900	0.5153		
12/04/2021	93.9300	0.7064	0.7932	1.5998	3.8016	238.7765	13.6900	38.3000	49.9800	0.5334		
13/04/2021	88.3053	0.6058	0.7144	1.3250	3.3334	237.3812	11.3800	38.2400	50.0200	0.4433		
14/04/2021	93.4435	0.5486	0.7145	1.3012	4.0187	236.9693	10.8700	38.4200	50.0300	0.4613		
15/04/2021	93.6951	0.4591	0.5807	1.1959	4.1615	233.0886	9.2700	38.6000	50.3600	0.3982		
16/04/2021	93.7405	0.4097	0.6554	1.2935	4.0411	235.7945	10.5700	38.4800	50.2200	0.5244		
17/04/2021	93.4143	0.5699	0.7688	1.3613	3.4196	237.0479	11.8800	38.2500	50.0200	0.6505		
18/04/2021	93.9590	0.6119	0.9197	1.6269	3.1488	237.2393	12.5800	38.1200	49.9100	0.6325		
19/04/2021	93.9268	0.6151	0.8870	1.6413	3.3411	236.8595	12.1800	38.1900	49.9500	0.6055		
20/04/2021	94.2489	0.6784	0.9289	1.6587	3.4838	237.5310	11.2800	38.2100	49.9400	0.5604		
21/04/2021	93.5358	0.6470	0.8597	1.6321	3.2211	238.0136	11.7800	38.2100	49.9800	0.5964		
22/04/2021	93.4159	0.6895	0.8607	1.6378	3.5071	239.0217	16.8000	38.1900	49.9200	0.5334		
23/04/2021	93.7527	0.7126	0.9223	1.6576	3.7370	236.0701	12.0800	38.2700	49.9500	0.5334		
24/04/2021	93.7027	0.7103	0.9267	1.6776	3.4768	238.9876	10.9700	38.2200	49.9500	0.6235		
25/04/2021	94.0088	0.6947	0.9034	1.6404	3.4512	237.7246	12.2800	38.2300	49.9500	0.5604		
26/04/2021	94.1423	0.6877	0.8527	1.6174	3.3859	234.3031	11.9800	38.2100	49.9700	0.5874		
27/04/2021	93.6005	0.6601	0.8679	1.6192	3.4714	236.8729	11.5800	38.2100	49.9700	0.5424		
28/04/2021	94.2680	0.6251	0.8954	1.6290	3.5073	236.3575	14.1900	38.2300	49.9700	0.7406		
29/04/2021	94.2991	0.6615	0.9148	1.6419	3.5761	238.3586	16.4000	38.2500	49.9700	0.7947		
30/04/2021	93.8015	0.6677	0.8858	1.6721	3.5022	238.5803	16.1000	38.2400	49.9900	0.8127		

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Mínimo	88.3053	0.4097	0.3974	1.1959	3.1488	233.0886	9.2700	38.1200	49.9100	0.3982		
Promedio	93.6111	0.6727	0.7779	1.5411	3.6053	237.5687	13.4997	38.2940	50.0087	0.5823		
Máximo	94.2991	0.8334	0.9289	1.6776	4.1615	239.4287	25.1400	38.6000	50.3600	0.8127		
Desv. Est.	1.04439	0.09587	0.13120	0.13436	0.26252	1.44236	3.47532	0.10166	0.09028	0.09629		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.