


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.
01/02/2021	95.0109	0.7726	0.9800	1.7525	3.0668	241.5953	18.2900	38.1000	49.8700	0.5829		
02/02/2021	95.1092	0.7338	0.9919	1.7258	3.0003	241.8269	18.4200	38.0900	49.8800	0.6503		
03/02/2021	95.3043	0.7928	0.8952	1.6880	2.8349	244.1082	18.2200	38.0600	49.8700	0.6268		
04/02/2021	95.2285	0.7618	0.9151	1.6768	2.9284	242.1814	17.9300	38.0700	49.8900	0.6117		
05/02/2021	95.2551	0.7448	0.9037	1.6485	2.8942	242.4019	18.2100	38.1100	49.9300	0.8755		
06/02/2021	95.1816	0.7499	0.9188	1.6687	2.9608	242.0309	18.2500	38.1000	49.9200	0.9021		
07/02/2021	95.0591	0.7613	0.9305	1.6919	3.0731	242.0681	18.6600	38.1300	49.9200	0.9682		
08/02/2021	94.9381	0.7310	0.9449	1.6758	3.1944	240.1843	17.8000	38.1800	49.9600	1.0228		
09/02/2021	95.0589	0.7132	1.0081	1.7212	2.9914	241.7371	17.7900	38.1200	49.9100	0.9582		
10/02/2021	95.0169	0.7346	0.9823	1.7169	3.0190	243.9309	17.5900	38.1500	49.9300	0.9565		
11/02/2021	95.0126	0.7688	0.8980	1.6660	3.0515	242.5735	17.4700	38.1700	49.9700	0.8694		
12/02/2021	94.8805	0.7416	0.9542	1.6957	3.2036	240.0491	17.6200	38.1800	49.9600	0.7986		
13/02/2021	93.9882	0.7459	0.9974	1.7433	3.9072	238.7208	16.5300	38.4500	50.0800	0.9637		
14/02/2021	93.0745	0.7373	0.9005	1.6377	4.8503	237.7786	15.3400	38.8000	50.3300	0.9388		
15/02/2021	92.9936	0.8243	0.7848	1.6091	4.9599	237.7694	14.9300	38.8400	50.3500	0.8797		
16/02/2021	88.8533	0.4342	0.3981	0.8323	9.4159	234.2985	12.8700	40.7000	51.8300	0.5288		
17/02/2021	90.8731	0.7095	0.5493	1.2588	7.0990	233.8895	14.1800	39.8000	51.0800	0.9780		
18/02/2021	92.1214	0.9965	0.3630	1.3595	5.6943	237.7764	17.4800	39.4200	50.7500	1.1462		
19/02/2021	91.9176	0.9356	0.2307	1.1663	6.0865	236.7713	19.3400	39.6200	50.9600	1.2325		
20/02/2021	93.1584	0.9553	0.2954	1.2507	4.7558	238.6267	20.0700	39.2300	50.6900	1.3891		
21/02/2021	93.5196	1.0125	0.3353	1.3478	4.3989	239.4113	20.9200	39.0100	50.5200	1.2074		
22/02/2021	93.7531	0.8358	0.4159	1.2517	4.4809	240.3934	21.6100	38.9100	50.5500	1.1143		
23/02/2021	93.2031	0.7769	0.5391	1.3160	5.1004	240.1634	18.5900	38.9600	50.5600	1.0130		
24/02/2021	93.4687	0.6639	0.6310	1.2949	4.9162	240.8122	18.3400	38.8800	50.5500	0.7811		
25/02/2021	94.1905	0.6446	0.7293	1.3740	4.1871	240.2686	10.9500	38.6000	50.3600	0.7123		
26/02/2021	94.4697	0.5575	0.9203	1.4778	3.8388	238.5810	10.4300	38.4300	50.2300	0.6587		
27/02/2021	94.8974	0.5755	0.8640	1.4395	3.3982	237.7354	13.8200	38.3500	50.2100	0.6770		
28/02/2021	94.8318	0.5423	0.9846	1.5270	3.4058	237.6302	12.7500	38.3100	50.1400	0.7231		

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

Mínimo	88.8533	0.4342	0.2307	0.8323	2.8349	233.8895	10.4300	38.0600	49.8700	0.5288		
Promedio	93.9418	0.7484	0.7593	1.5077	4.1683	239.8327	16.9429	38.6346	50.2929	0.8845		
Máximo	95.3043	1.0125	1.0081	1.7525	9.4159	244.1082	21.6100	40.7000	51.8300	1.3891		
Desv. Est.	1.53923	0.12993	0.25670	0.23002	1.52155	2.57264	2.79038	0.65144	0.46516	0.21552		

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.
01/02/2021	95.2637	0.9708	1.0160	1.9039	3.1494	243.5293	42.5300	38.1200	49.9200	0.6956		
02/02/2021	95.2135	0.8081	1.0755	1.7995	3.1453	242.7404	45.1400	38.1300	49.9500	0.7586		
03/02/2021	95.4859	0.9312	0.9931	1.8588	3.1282	245.5011	44.9400	38.1500	49.9700	0.8037		
04/02/2021	95.3776	0.9170	1.0295	1.7984	3.1651	244.2780	44.7400	38.1300	49.9500	0.7046		
05/02/2021	95.4720	0.8111	0.9548	1.7097	3.2528	243.7756	43.5400	38.5200	50.2000	1.3083		
06/02/2021	95.2791	0.8221	0.9782	1.7472	3.0668	242.7161	41.7300	38.1400	49.9600	1.2993		
07/02/2021	95.1824	0.8371	0.9668	1.7616	3.2265	242.8699	45.3500	38.1700	49.9600	1.3443		
08/02/2021	95.1656	0.8009	1.0065	1.7758	3.6149	242.5160	43.9400	38.2900	50.0400	1.3533		
09/02/2021	95.3982	0.7969	1.0957	1.8191	3.2373	243.5056	24.9400	38.1900	50.0400	1.3804		
10/02/2021	95.2235	0.7968	1.0464	1.7911	3.2337	247.1242	18.6100	38.2200	49.9900	1.2542		
11/02/2021	95.1044	0.8238	0.9208	1.7111	3.2252	242.7036	42.7300	38.2100	49.9700	1.2001		
12/02/2021	95.0555	0.8475	1.0624	1.8407	3.4229	243.5267	42.4300	38.2300	50.0000	1.0830		
13/02/2021	94.9149	0.8507	1.1038	1.8613	4.6642	239.4640	37.9100	38.7400	50.2900	1.2362		
14/02/2021	93.2461	0.8271	0.9974	1.7346	5.2738	239.0994	36.7000	38.9500	50.4600	1.3443		
15/02/2021	93.2055	0.9216	0.8523	1.6923	5.3551	238.6769	15.9000	38.9800	50.4600	1.1190		
16/02/2021	95.5133	0.8333	0.8251	1.6170	12.1090	238.7512	24.2400	41.8000	52.7000	0.7316		
17/02/2021	92.3291	1.2881	1.0346	1.6310	10.7491	237.7459	42.4300	41.2100	52.2400	2.6959		
18/02/2021	93.4022	1.2794	0.5179	1.5400	6.9769	239.4145	42.8300	39.8500	51.1000	1.5966		
19/02/2021	94.7745	1.2828	0.3184	1.5479	7.9063	240.2227	22.2300	40.2000	51.4400	1.6687		
20/02/2021	94.1602	1.1198	0.5988	1.4088	5.9357	240.7327	31.6800	39.6500	51.1100	1.9931		
21/02/2021	93.8980	1.2032	0.3995	1.5055	5.4150	242.4552	21.8300	39.3300	50.7100	1.8309		
22/02/2021	94.2064	0.9825	0.5535	1.3336	4.9300	243.7695	46.8500	39.3200	50.7700	1.3353		
23/02/2021	93.6774	1.0403	0.6730	1.4929	5.5451	241.4867	46.5500	39.1200	50.6900	1.6687		
24/02/2021	94.1616	0.7661	0.7195	1.3766	5.4705	243.5289	45.1400	39.0900	50.6700	1.0019		
25/02/2021	94.4743	0.7722	0.8936	1.4790	4.5565	246.5677	45.1400	38.7200	50.4400	0.8938		
26/02/2021	95.0529	0.6072	0.9629	1.5459	4.3615	245.9431	13.7900	38.6100	50.3800	0.8217		
27/02/2021	95.1122	0.6749	0.9370	1.5340	3.5949	242.8267	16.2000	38.5700	50.3700	0.9929		
28/02/2021	94.9950	0.5932	1.0568	1.5806	3.6800	244.9549	17.4100	38.4800	50.2500	0.9478		

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Mínimo	92.3291	0.5932	0.3184	1.3336	3.0668	237.7459	13.7900	38.1200	49.9200	0.6956		
Promedio	94.6552	0.9002	0.8782	1.6571	4.8354	242.5152	35.2661	38.8971	50.5011	1.2523		
Máximo	95.5133	1.2881	1.1038	1.9039	12.1090	247.1242	46.8500	41.8000	52.7000	2.6959		
Desv. Est.	0.84648	0.18833	0.21981	0.16049	2.26769	2.48473	11.68959	0.93607	0.69174	0.44724		

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.
01/02/2021	94.8810	0.7138	0.8917	1.6872	2.8762	240.5263	8.9600	38.0100	49.7100	0.4703		
02/02/2021	94.9630	0.6755	0.9061	1.6486	2.9044	240.9400	9.6700	38.0300	49.8100	0.5604		
03/02/2021	94.9608	0.6872	0.7932	1.5916	2.6795	241.0425	6.7500	37.9900	49.7200	0.4613		
04/02/2021	94.9240	0.6912	0.8307	1.6220	2.7282	240.8118	10.6700	38.0000	49.8100	0.5063		
05/02/2021	94.6114	0.6804	0.8159	1.5149	2.6542	241.1707	6.8500	38.0400	49.8700	0.5334		
06/02/2021	95.0456	0.6877	0.8769	1.6258	2.8957	241.5003	6.9500	38.0700	49.8600	0.5334		
07/02/2021	94.8411	0.7090	0.8812	1.6447	2.9044	241.4469	7.7600	38.0900	49.8700	0.7316		
08/02/2021	94.5419	0.6606	0.8964	1.6164	2.9197	238.5175	6.8500	38.1000	49.8800	0.7406		
09/02/2021	94.8327	0.6665	0.8356	1.5022	2.8416	238.7577	15.5000	38.0600	49.8200	0.6956		
10/02/2021	94.8449	0.6798	0.9011	1.6402	2.8879	242.3078	16.4000	38.0900	49.8600	0.7226		
11/02/2021	94.8438	0.7671	0.8576	1.6429	3.0225	241.5768	5.9500	38.1600	49.9300	0.6415		
12/02/2021	94.5807	0.6465	0.8982	1.6653	3.0447	236.7427	5.6500	38.1400	49.8500	0.6145		
13/02/2021	93.1398	0.6610	0.9244	1.6324	3.2123	238.0581	5.3500	38.1800	49.8600	0.7046		
14/02/2021	92.6632	0.6722	0.7926	1.5547	4.6160	236.8116	3.0300	38.7200	50.2400	0.7226		
15/02/2021	92.6128	0.7423	0.7322	1.5492	4.7506	236.9817	13.0800	38.7600	50.2600	0.6775		
16/02/2021	86.3574	0.1908	0.1886	0.3808	3.1738	230.9822	10.5700	38.4700	50.3600	0.1009		
17/02/2021	87.6515	0.3219	0.2213	0.6102	5.7374	229.5221	2.8300	39.1800	50.4300	0.4883		
18/02/2021	90.8126	0.7478	0.2526	1.1377	4.3720	236.0105	2.9300	38.9900	50.3600	0.7676		
19/02/2021	90.2410	0.7260	0.1541	0.9074	3.4983	233.5867	16.4000	38.6200	50.3000	0.8127		
20/02/2021	92.2495	0.2114	0.2332	0.8102	4.1772	234.4532	11.2800	38.9900	50.4500	0.7046		
21/02/2021	92.4425	0.8666	0.2927	1.1810	4.0251	236.6962	9.0600	38.8000	50.2900	0.8938		
22/02/2021	92.9354	0.7455	0.3093	1.1619	4.1282	238.2678	9.3700	38.7400	50.4300	0.9208		
23/02/2021	92.7660	0.6590	0.4446	1.2340	4.6123	238.9170	7.4600	38.7600	50.3200	0.6956		
24/02/2021	92.7938	0.5806	0.5495	1.2118	4.2434	239.7041	14.9900	38.6700	50.4200	0.5874		
25/02/2021	93.8385	0.5370	0.5640	1.2969	3.9064	238.9280	0.0200	38.5100	50.2800	0.5153		
26/02/2021	94.0118	0.4886	0.8321	1.4002	3.2388	237.9652	7.8600	38.2500	50.1000	0.4703		
27/02/2021	94.6298	0.5246	0.7608	1.3201	3.2726	236.3624	11.7800	38.2800	50.1300	0.5063		
28/02/2021	94.4195	0.4841	0.9208	1.4904	3.2912	236.1962	9.6700	38.2400	50.1000	0.5244		

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Mínimo	86.3574	0.1908	0.1541	0.3808	2.6542	229.5221	0.0200	37.9900	49.7100	0.1009		
Promedio	93.2656	0.6223	0.6628	1.3672	3.5220	238.0280	8.7014	38.3907	50.0829	0.6180		
Máximo	95.0456	0.8666	0.9244	1.6872	5.7374	242.3078	16.4000	39.1800	50.4500	0.9208		
Desv. Est.	2.20232	0.15934	0.27667	0.34337	0.79413	3.17416	4.17125	0.36348	0.25343	0.16378		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.