


**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 Sulfidrico (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.
10/1/2020	94.9155	0.7759	0.8116	1.5874	3.2670	240.5724	20.3000	38.2400	50.0300	0.8102	<10.8	0.00
10/2/2020	95.1193	0.7993	0.7800	1.5792	3.1178	240.1739	20.4200	38.1700	49.9900	0.8158		
10/3/2020	95.1739	0.7874	0.7791	1.5665	3.0836	240.7323	19.2100	38.1700	49.9900	0.6304		
10/4/2020	95.0441	0.8238	0.7090	1.5328	3.2465	240.6524	18.7300	38.2200	50.0300	0.8087		
10/5/2020	94.9140	0.8411	0.7135	1.5546	3.3397	241.2416	18.6200	38.2600	50.0300	0.7640		
10/6/2020	95.0486	0.8183	0.7357	1.5540	3.1952	240.9576	19.3900	38.2200	50.0100	0.9403		
10/7/2020	95.1446	0.7869	0.7520	1.5389	3.1281	240.3626	19.5100	38.1900	50.0100	0.7937		
10/8/2020	95.0049	0.8207	0.7436	1.5643	3.2349	240.0221	21.5600	38.2100	50.0100	0.8020		
10/9/2020	94.9168	0.7778	0.8010	1.5788	3.3226	240.0945	21.6000	38.2300	50.0200	0.8567		
10/10/2020	94.8172	0.7457	0.8202	1.5658	3.4153	240.0970	19.9600	38.2700	50.0600	0.8094		
10/11/2020	95.1797	0.6892	0.8153	1.5044	3.1532	238.3518	20.8000	38.2000	50.0500	0.6887		
10/12/2020	94.9002	0.7537	0.7804	1.5341	3.3985	239.0285	20.0600	38.2400	50.0600	0.7158		
10/13/2020	94.6648	0.7975	0.7684	1.5660	3.5777	240.2903	18.7600	38.3100	50.0700	0.8335		
10/14/2020	94.7274	0.7312	0.8136	1.5448	3.5429	239.2027	19.6900	38.3000	50.0900	0.6857		
10/15/2020	94.9046	0.7420	0.8056	1.5476	3.3894	238.5141	20.1200	38.2400	50.0600	0.7974		
10/16/2020	94.9158	0.7769	0.7066	1.4834	3.4316	238.9899	19.8200	38.2800	50.1000	0.8115		
10/17/2020	94.9236	0.8146	0.7671	1.5817	3.3252	241.0073	20.8200	38.2200	50.0100	0.0939		
10/18/2020	94.9065	0.7876	0.7740	1.5616	3.3759	239.1230	19.9800	38.2300	50.0200	0.7144		
10/19/2020	94.9437	0.8575	0.6966	1.5541	3.3340	240.4995	19.7800	38.2300	50.0100	0.7840		
10/20/2020	95.0196	0.8090	0.7710	1.5800	3.2235	241.1355	19.6700	38.2000	50.0000	0.7077		
10/21/2020	95.0263	0.7886	0.8419	1.6304	3.1734	240.9729	20.1100	38.1600	49.9600	0.6532		
10/22/2020	94.9632	0.7839	0.8541	1.6379	3.2360	239.2551	20.8900	38.1600	49.9600	1.0610		
10/23/2020	95.1665	0.7919	0.8179	1.6096	3.0728	239.5411	22.0800	38.1300	49.9400	1.3335		
10/24/2020	95.1765	0.8052	0.8130	1.6182	3.0383	240.2982	21.7700	38.1300	49.9400	0.8693		
10/25/2020	95.0605	0.8463	0.8023	1.6487	3.1238	240.5274	20.4300	38.1300	49.9200	0.8696		
10/26/2020	94.9910	0.8443	0.7957	1.6401	3.1890	240.8259	19.4600	38.1700	49.9300	0.8032		
10/27/2020	94.8965	0.8505	0.8140	1.6646	3.2668	240.6339	18.8500	38.1700	49.9300	0.7715		
10/28/2020	95.0824	0.7705	0.8139	1.5844	3.1580	240.3157	19.1400	38.1800	50.0000	0.6052		
10/29/2020	94.8171	0.8569	0.8259	1.6829	3.2882	241.6943	18.7000	38.1900	49.9400	0.7042		
10/30/2020	95.1276	0.8154	0.8611	1.6766	3.0453	241.6480	19.7300	38.0900	49.8900	0.5535		
10/31/2020	95.1681	0.8080	0.8592	1.6671	3.0277	241.1959	19.0200	38.0800	49.8900	0.5511		

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

Mínimo	94.6648	0.6892	0.6966	1.4834	3.0277	238.3518	18.6200	38.0800	49.8900	0.0939		
Promedio	94.9890	0.7967	0.7885	1.5852	3.2491	240.2567	19.9671	38.2006	49.9984	0.7626		
Máximo	95.1797	0.8575	0.8611	1.6829	3.5777	241.6943	22.0800	38.3100	50.1000	1.3335		
Desv. Est.	0.13469	0.03890	0.04472	0.05066	0.14305	0.87743	0.94271	0.05609	0.05622	0.19262		

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.
10/1/2020	95.2960	0.8873	0.9309	1.6660	3.9454	244.3505	21.7300	38.5100	50.2000	1.3353		
10/2/2020	95.2772	0.8847	0.8423	1.6713	3.6733	241.4950	22.0300	38.3100	50.0300	1.5425		
10/3/2020	95.2713	0.8763	0.8815	1.6597	3.2144	241.2841	21.1200	38.2100	50.0300	0.9028		
10/4/2020	95.2971	0.9128	0.8910	1.6298	3.4318	241.8782	20.8200	38.3200	50.1300	1.4434		
10/5/2020	95.0215	0.9032	0.7862	1.6148	3.4049	241.9406	20.2200	38.3000	50.1000	1.3894		
10/6/2020	95.2072	0.9195	0.8500	1.6269	3.5051	242.4428	43.8400	38.4000	50.1200	1.6417		
10/7/2020	95.2654	0.8821	0.8053	1.6482	3.2884	241.4175	20.9200	38.3100	50.1000	1.2632		
10/8/2020	95.2112	0.9261	0.8740	1.6598	3.5023	240.6933	25.8500	38.2800	50.0700	1.7137		
10/9/2020	95.0355	0.8564	0.8839	1.6671	3.4794	240.8603	22.7300	38.2800	50.0700	1.4975		
10/10/2020	95.1205	0.8235	0.9104	1.6499	3.6117	242.4924	22.3300	38.5600	50.2700	1.5606		
10/11/2020	95.2829	0.7515	0.8553	1.5651	3.2850	239.9694	22.9300	38.2400	50.1100	1.1551		
10/12/2020	95.1441	0.8457	0.8526	1.6250	3.5893	240.4049	21.0200	38.2900	50.1000	1.3984		
10/13/2020	94.9901	0.8765	0.8081	1.6692	3.7271	241.3818	20.2200	38.3600	50.1100	1.6146		
10/14/2020	94.9238	0.9089	0.9499	1.6692	4.1334	241.1794	33.1800	38.4900	50.1900	1.4434		
10/15/2020	95.1065	0.8223	0.8878	1.6342	3.5372	239.9992	42.2300	38.3100	50.1300	1.3353		
10/16/2020	95.1456	0.9033	0.8343	1.6251	3.7601	240.5367	21.3300	38.3800	50.2200	28.9343		
10/17/2020	95.1689	0.9477	0.8500	1.6587	3.8076	241.9763	24.2400	38.4500	50.2200	1.2722		
10/18/2020	95.0086	0.8575	0.8069	1.6346	3.4431	240.4259	22.4300	38.2700	50.0800	1.4074		
10/19/2020	95.0426	0.9330	0.7873	1.6114	3.4130	242.1659	21.2300	38.2600	50.0700	1.4164		
10/20/2020	95.1348	0.9443	0.8715	1.6493	3.3763	242.2261	20.7200	38.2700	50.0900	1.1911		
10/21/2020	95.1025	0.8452	0.9015	1.6932	3.2712	242.2330	21.7300	38.1900	49.9900	1.1641		
10/22/2020	95.2060	0.8706	0.9336	1.7326	3.3938	240.0443	22.4300	38.2400	50.0100	29.6912		
10/23/2020	95.3510	0.8541	0.9129	1.6989	3.2169	240.1711	23.5400	38.2800	50.0300	10.4629		
10/24/2020	95.3210	0.8983	0.8936	1.6765	3.1523	241.6044	23.5400	38.2800	50.0300	1.5876		
10/25/2020	95.2435	0.9279	0.8392	1.7187	3.1936	241.1199	21.9300	38.1600	49.9600	1.6687		
10/26/2020	95.1464	0.9241	0.8488	1.7249	3.2638	241.5711	21.0200	38.1900	49.9900	1.4885		
10/27/2020	95.1395	0.9134	0.8621	1.7339	3.4615	241.5905	20.4200	38.2300	49.9900	1.5155		
10/28/2020	95.3533	0.8757	0.9045	1.7001	3.5385	241.4089	20.8200	38.3500	50.1400	1.0830		
10/29/2020	95.1327	0.9667	0.9751	1.8531	3.7532	243.4501	20.6200	38.6500	50.2200	1.3263		
10/30/2020	95.3432	0.8860	0.9665	1.7805	3.2248	243.2074	44.1400	38.1500	49.9500	1.4074		
10/31/2020	95.4268	0.9580	1.0051	1.7333	3.2210	242.2409	21.0200	38.2100	49.9900	1.1731		

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Mínimo	94.9238	0.7515	0.7862	1.5651	3.1523	239.9694	20.2200	38.1500	49.9500	0.9028		
Promedio	95.1844	0.8898	0.8775	1.6736	3.4780	241.5407	24.2687	38.3139	50.0884	3.4847		
Máximo	95.4268	0.9667	1.0051	1.8531	4.1334	244.3505	44.1400	38.6500	50.2700	29.6912		
Desv. Est.	0.12328	0.04544	0.05447	0.05605	0.23792	1.04011	6.80561	0.11687	0.08395	7.08740		

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.
10/1/2020	94.1577	0.6975	0.7415	1.4949	2.9559	238.1918	18.2100	38.1000	49.9200	0.5063		
10/2/2020	94.4468	0.7152	0.7294	1.5278	2.9843	238.7601	18.1100	38.1300	49.9200	0.5694		
10/3/2020	95.0428	0.6903	0.7266	1.5212	2.9677	239.9361	16.5000	38.1200	49.9100	0.3622		
10/4/2020	94.8374	0.7069	0.5529	1.4187	2.9399	238.6683	16.7000	38.1100	49.9400	0.4973		
10/5/2020	94.8045	0.7828	0.6761	1.4838	3.2449	240.6000	16.8000	38.2100	49.9800	0.4343		
10/6/2020	94.6852	0.7380	0.6665	1.5106	3.0007	239.7986	17.1000	38.1500	49.9600	0.3622		
10/7/2020	94.9352	0.7230	0.7087	1.4842	2.9888	239.3725	17.4100	38.1300	49.9100	0.5063		
10/8/2020	94.6884	0.7509	0.6600	1.5098	3.0090	239.2823	18.1100	38.1400	49.9500	0.4973		
10/9/2020	94.6769	0.7303	0.7505	1.5245	3.2149	239.2714	20.0200	38.1800	49.9800	0.5874		
10/10/2020	94.4873	0.6637	0.6486	1.4067	3.1273	237.6709	18.4100	38.1800	49.9900	0.5424		
10/11/2020	95.0092	0.6250	0.7666	1.4646	3.0674	236.5532	18.8100	38.1600	50.0100	0.4883		
10/12/2020	94.6693	0.6752	0.7550	1.5012	3.1826	238.0815	18.4100	38.1900	49.9700	0.4162		
10/13/2020	94.4462	0.7424	0.7064	1.4959	3.3253	239.4484	16.9000	38.2300	49.9800	0.6055		
10/14/2020	94.1238	0.5971	0.6707	1.4272	3.3090	235.8883	16.9000	38.2000	49.9900	0.4252		
10/15/2020	94.7296	0.6757	0.7111	1.4532	3.2494	236.9960	17.8100	38.2000	49.9700	0.5244		
10/16/2020	94.5705	0.6658	0.5849	1.3332	3.2091	237.6101	13.5900	38.2100	49.9600	0.5244		
10/17/2020	94.5977	0.7347	0.5449	1.3891	3.0908	239.3628	17.2100	38.1400	49.9400	0.5244		
10/18/2020	94.7737	0.7358	0.7354	1.5219	3.2719	238.1536	17.8100	38.1900	49.9700	0.0108		
10/19/2020	94.8625	0.7853	0.6119	1.4950	3.2406	239.5802	17.6100	38.1800	49.9600	0.5334		
10/20/2020	94.8848	0.7409	0.6028	1.4905	3.0888	239.8530	18.4100	38.1300	49.9300	0.4793		
10/21/2020	94.8857	0.7330	0.7865	1.5849	3.1217	239.4646	18.3100	38.1300	49.9100	0.4613		
10/22/2020	94.7611	0.7185	0.7690	1.5745	2.9878	238.0593	18.6100	38.0900	49.8800	0.5514		
10/23/2020	94.8938	0.7307	0.7588	1.5673	2.8461	238.0193	20.2200	38.0500	49.8900	0.8127		
10/24/2020	94.8978	0.7122	0.7571	1.5763	2.9060	239.0813	18.4100	38.0900	49.8900	0.5244		
10/25/2020	94.9337	0.7921	0.7678	1.5966	3.0119	239.8141	18.3100	38.0900	49.8600	0.6055		
10/26/2020	94.8690	0.7935	0.7648	1.5779	3.1086	239.8528	17.1000	38.1200	49.8600	0.5153		
10/27/2020	94.7166	0.7974	0.7508	1.5787	3.1045	239.9578	15.9000	38.1200	49.8600	0.5063		
10/28/2020	94.7435	0.6818	0.7386	1.4804	2.9067	239.1725	17.3100	38.0800	49.9000	0.3892		
10/29/2020	93.9258	0.7762	0.7319	1.6170	2.9447	240.3150	16.7000	38.0500	49.7500	0.2360		
10/30/2020	94.8765	0.7546	0.7842	1.5881	2.8200	240.3322	18.5100	38.0200	49.8100	0.3171		
10/31/2020	94.9569	0.6913	0.7693	1.6128	2.7414	239.6060	17.7100	37.9900	49.8300	0.2811		

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Mínimo	93.9258	0.5971	0.5449	1.3332	2.7414	235.8883	13.5900	37.9900	49.7500	0.0108		
Promedio	94.7061	0.7212	0.7074	1.5100	3.0635	238.9275	17.6748	38.1326	49.9219	0.4709		
Máximo	95.0428	0.7974	0.7865	1.6170	3.3253	240.6000	20.2200	38.2300	50.0100	0.8127		
Desv. Est.	0.26392	0.04842	0.06850	0.06917	0.15044	1.14953	1.22034	0.05831	0.05963	0.13834		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.