


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.
01/09/2021	94.7945	0.7715	1.0058	1.7773	3.2436	241.6613	20.9000	38.1300	49.8800	0.5650		
02/09/2021	94.7650	0.7484	1.0516	1.8000	3.2598	240.8245	23.7600	38.1200	49.8700	0.5066		
03/09/2021	94.5961	0.7620	1.0758	1.8378	3.3900	240.9385	20.7800	38.1500	49.8600	0.5456		
04/09/2021	94.6967	0.7566	1.0677	1.8243	3.3103	240.6502	20.9000	38.1300	49.8600	0.5372		
05/09/2021	94.5737	0.8246	0.9357	1.7603	3.4960	240.1391	23.1800	38.2000	49.9100	0.5455		
06/09/2021	94.7566	0.8855	0.8203	1.7059	3.3401	241.3653	20.7900	38.1900	49.9200	0.6125		
07/09/2021	94.9222	0.8522	0.8397	1.6918	3.1888	242.7274	28.7600	38.1600	49.9100	0.6320		
08/09/2021	94.8664	0.7974	0.9582	1.7555	3.1994	240.9997	24.6000	38.1200	49.8700	0.5414		
09/09/2021	94.8143	0.8068	0.9486	1.7554	3.2328	242.3878	23.4600	38.1400	49.8800	0.5416		
10/09/2021	94.7355	0.7606	1.0191	1.7797	3.3109	242.8908	22.1900	38.1500	49.8900	0.5822		
11/09/2021	94.7475	0.8074	0.9501	1.7576	3.3134	241.4550	22.4700	38.1600	49.9000	0.5960		
12/09/2021	94.8643	0.8478	0.8631	1.7109	3.2493	241.2202	23.2400	38.1600	49.9000	0.6100		
13/09/2021	94.8374	0.8817	0.8338	1.7155	3.2672	241.9821	24.8000	38.1600	49.8900	0.6422		
14/09/2021	94.7564	0.8721	0.8307	1.7028	3.3752	241.4823	25.0600	38.2000	49.9200	0.7022		
15/09/2021	94.8249	0.8668	0.9015	1.7683	3.2137	241.4844	26.1400	38.1300	49.8600	0.7022		
16/09/2021	94.8774	0.8541	0.8640	1.7180	3.2182	241.7175	20.3000	38.1500	49.9000	0.3810		
17/09/2021	94.7795	0.8619	0.8445	1.7064	3.3504	240.8716	24.0200	38.1800	49.9100	0.7612		
18/09/2021	94.7444	0.8405	0.9005	1.7410	3.3513	240.9986	20.3900	38.1600	49.8900	0.6603		
19/09/2021	94.7339	0.8550	0.8764	1.7313	3.3549	241.7436	21.3500	38.1800	49.9100	0.7951		
20/09/2021	94.5300	0.8518	0.9299	1.7818	3.4783	241.6411	19.7300	38.2100	49.9000	0.8559		
21/09/2021	94.5958	0.8670	0.8989	1.7659	3.4621	241.6048	22.4000	38.1900	49.8900	0.1653		
22/09/2021	94.4943	0.8336	0.9176	1.7511	3.5847	241.2304	18.6400	38.2200	49.9300	0.6625		
23/09/2021	94.6354	0.8590	0.9425	1.8015	3.3901	242.1123	22.8300	38.1500	49.8600	0.7270		
24/09/2021	94.5914	0.8352	0.9698	1.8051	3.4282	241.9134	24.2500	38.1700	49.8700	0.7155		
25/09/2021	94.6510	0.7753	1.0423	1.8176	3.3652	241.2704	22.4600	38.1300	49.8600	0.6266		
26/09/2021	94.9466	0.8021	0.9678	1.7700	3.1242	240.6325	19.7200	38.0800	49.8500	0.6298		
27/09/2021	94.8939	0.8051	0.9781	1.7831	3.1808	240.4585	16.5400	38.0800	49.8400	0.6822		
28/09/2021	94.8469	0.7993	0.9868	1.7861	3.2145	240.2368	16.0800	38.0900	49.8500	0.7318		
29/09/2021	94.8940	0.8030	0.9648	1.7679	3.1708	240.9940	16.9500	38.0900	49.8600	0.7402		
30/09/2021	94.8097	0.7750	1.0159	1.7908	3.2427	240.5648	16.2900	38.1100	49.8600	0.7276		

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

Mínimo	94.4943	0.7484	0.8203	1.6918	3.1242	240.1391	16.0800	38.0800	49.8400	0.1653		
Promedio	94.7525	0.8220	0.9401	1.7620	3.3102	241.3400	21.7660	38.1497	49.8833	0.6241		
Máximo	94.9466	0.8855	1.0758	1.8378	3.5847	242.8908	28.7600	38.2200	49.9300	0.8559		
Desv. Est.	0.12172	0.04109	0.07388	0.03874	0.10972	0.68059	2.99229	0.03783	0.02454	0.13112		

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.
01/09/2021	94.9868	0.8683	1.0935	1.8965	3.4405	243.6008	24.7400	38.2200	49.9500	0.7316		
02/09/2021	94.9875	0.8581	1.1422	1.8846	3.4112	242.3045	24.7400	38.1700	49.9300	0.6505		
03/09/2021	94.7608	0.8634	1.1489	1.9145	3.7042	241.9672	26.2500	38.2700	49.9600	0.6956		
04/09/2021	94.8775	0.8035	1.1286	1.8800	3.5409	243.6002	25.7500	38.1900	49.9100	0.6595		
05/09/2021	94.7582	0.9223	1.0759	1.8568	3.6375	241.6097	39.5200	38.2500	49.9600	0.7046		
06/09/2021	94.9271	0.9769	0.9793	1.7944	3.5721	243.0346	25.9500	38.2600	50.0000	0.7676		
07/09/2021	95.0996	0.9604	0.9757	1.8139	3.6752	243.5757	33.2900	38.3000	50.0000	0.7947		
08/09/2021	94.9970	0.8847	1.0121	1.8287	3.3900	242.1202	27.2600	38.1700	49.9200	0.7046		
09/09/2021	94.9724	0.8774	1.0392	1.8099	3.3648	246.9108	26.6500	38.2500	49.9600	0.6956		
10/09/2021	94.9439	0.8656	1.2166	1.8800	3.6062	246.9933	25.8500	38.2600	49.9600	0.7226		
11/09/2021	94.9846	0.8702	1.0375	1.8120	3.4542	242.4467	24.0400	38.2100	49.9500	0.7226		
12/09/2021	95.0633	0.9581	0.9450	1.7969	3.6727	241.9886	26.4500	38.3200	50.0400	0.7406		
13/09/2021	94.9249	0.9773	0.9648	1.8050	3.3821	242.5302	26.3500	38.2100	49.9500	0.7857		
14/09/2021	94.8673	0.9411	0.8813	1.7815	3.5256	242.6054	27.1500	38.2400	49.9800	0.8127		
15/09/2021	94.9911	1.0335	0.9843	1.9314	3.4234	242.3824	29.5700	38.2000	49.9200	0.8127		
16/09/2021	95.0588	0.9208	0.9180	1.7863	3.4194	242.4763	29.5700	38.2300	49.9700	0.9388		
17/09/2021	94.9344	0.9354	0.9184	1.7522	3.4553	243.1417	27.4600	38.2200	49.9600	0.9388		
18/09/2021	94.8657	0.9231	0.9388	1.7988	3.4310	241.4869	24.7400	38.2000	49.9300	0.8127		
19/09/2021	94.8502	0.9409	0.9804	1.8035	3.4585	242.3086	24.7400	38.2000	49.9500	0.9929		
20/09/2021	94.7718	0.9403	1.0944	1.8674	3.6408	242.3338	23.9400	38.3500	49.9900	1.0199		
21/09/2021	94.8161	0.9402	0.9583	1.8276	3.6984	243.1506	23.9400	38.2400	49.9400	2.8671		
22/09/2021	94.6833	0.9196	1.0031	1.8754	4.0931	241.9747	21.1200	38.3500	50.0200	2.8671		
23/09/2021	94.8166	0.9676	0.9936	1.9077	3.6552	242.6057	28.4600	38.2300	49.9300	0.9028		
24/09/2021	94.8115	0.9617	1.0308	1.8941	3.6426	242.4260	26.2500	38.2200	49.9300	0.8217		
25/09/2021	94.9359	0.8246	1.0726	1.8752	3.5607	242.2826	25.8500	38.2000	49.9100	0.7406		
26/09/2021	95.1162	0.8754	1.0489	1.8428	3.1891	241.9452	21.5300	38.1100	49.8800	0.7496		
27/09/2021	95.0243	0.8568	1.0488	1.8359	3.2817	241.5551	19.7200	38.1200	49.8800	0.8127		
28/09/2021	94.9955	0.8677	1.1477	1.8670	3.3830	241.2042	18.0100	38.1600	49.9100	0.9659		
29/09/2021	95.0763	0.8727	1.0244	1.8351	3.3628	242.6634	18.9100	38.1800	49.9000	0.8668		
30/09/2021	94.9259	0.8253	1.1466	1.8522	3.3914	241.2364	18.6100	38.1800	49.9100	0.8487		

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Mínimo	94.6833	0.8035	0.8813	1.7522	3.1891	241.2042	18.0100	38.1100	49.8800	0.6505		
Promedio	94.9275	0.9078	1.0317	1.8436	3.5155	242.6821	25.5470	38.2237	49.9467	0.9382		
Máximo	95.1162	1.0335	1.2166	1.9314	4.0931	246.9933	39.5200	38.3500	50.0400	2.8671		
Desv. Est.	0.11035	0.05406	0.08223	0.04500	0.17212	1.32397	4.30708	0.05720	0.03863	0.53344		

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.
01/09/2021	94.5901	0.6915	0.9282	1.7013	3.0554	240.8234	18.3100	38.0300	49.7500	0.3892		
02/09/2021	94.5939	0.6893	0.9767	1.7145	3.0546	240.0356	0.1200	38.0400	49.7700	0.3532		
03/09/2021	94.3001	0.6851	0.9606	1.7556	3.2540	240.0648	17.4100	38.0900	49.7900	0.3892		
04/09/2021	94.5089	0.7109	0.9741	1.7583	3.0892	240.1000	17.6100	38.0400	49.7800	0.4162		
05/09/2021	94.4308	0.7324	0.8857	1.7005	3.2648	239.3864	18.3100	38.1200	49.8300	0.4162		
06/09/2021	94.5273	0.7486	0.7368	1.6219	3.2163	239.4172	17.9100	38.1500	49.8600	0.4433		
07/09/2021	94.4088	0.7492	0.7143	1.5922	3.0414	241.4100	20.3200	38.0900	49.8100	0.3982		
08/09/2021	94.6286	0.7515	0.9118	1.7084	3.1195	240.1918	21.6300	38.0700	49.8000	0.3802		
09/09/2021	94.6230	0.7222	0.8971	1.7097	3.1053	239.5256	19.8200	38.0900	49.8300	0.4343		
10/09/2021	94.4718	0.6470	0.8719	1.6960	3.0283	239.7913	18.3100	38.0700	49.8200	0.4252		
11/09/2021	94.6063	0.7497	0.8844	1.7068	3.0906	240.5170	19.9200	38.0800	49.8400	0.4883		
12/09/2021	94.5103	0.7890	0.7613	1.6216	3.0587	240.1962	20.1200	38.1000	49.8200	0.5153		
13/09/2021	94.6903	0.7848	0.7651	1.6498	3.1890	241.3234	23.5400	38.1200	49.8200	0.5334		
14/09/2021	94.6344	0.8251	0.7471	1.6452	3.2870	240.3353	22.6300	38.1500	49.8500	0.5874		
15/09/2021	94.5845	0.7865	0.8446	1.7018	3.1102	240.3050	22.7300	38.0600	49.7100	0.5874		
16/09/2021	94.6801	0.8092	0.7622	1.6580	3.0463	239.3431	22.7300	38.0900	49.8200	0.5874		
17/09/2021	94.6506	0.7861	0.8048	1.6705	3.1507	240.2002	21.5300	38.1200	49.8600	0.6415		
18/09/2021	94.6225	0.7956	0.8631	1.6982	3.2555	239.4913	17.9100	38.1300	49.8400	0.4162		
19/09/2021	94.6428	0.8039	0.7973	1.6878	3.1872	240.6101	19.2200	38.1000	49.8400	0.5604		
20/09/2021	94.2266	0.7488	0.8449	1.7343	3.2497	240.8075	17.3100	38.1300	49.8300	0.6505		
21/09/2021	94.3120	0.8177	0.8538	1.7293	3.2869	240.0129	17.3100	38.1200	49.8300	0.6505		
22/09/2021	93.9681	0.7671	0.8055	1.6837	3.3281	240.6977	16.8000	38.1300	49.8000	0.6505		
23/09/2021	94.3940	0.7905	0.8923	1.7165	3.2705	240.7919	18.3100	38.1100	49.7700	0.6145		
24/09/2021	94.3808	0.7505	0.8914	1.7333	3.2411	241.1381	22.9300	38.1100	49.7900	0.5784		
25/09/2021	94.4617	0.7348	0.9604	1.7739	3.1117	240.5473	19.6200	38.0700	49.8100	0.5063		
26/09/2021	94.8694	0.7383	0.8980	1.7206	2.9845	239.9714	18.1100	38.0500	49.7900	0.5063		
27/09/2021	94.7738	0.7504	0.8784	1.7275	3.0337	239.3477	14.5900	38.0200	49.7900	0.5244		
28/09/2021	94.6704	0.7193	0.9112	1.7439	2.9815	239.5905	14.7900	38.0100	49.7700	0.4523		
29/09/2021	94.6703	0.7533	0.9181	1.7329	2.9744	240.1244	15.9000	38.0300	49.8000	0.6325		
30/09/2021	94.6134	0.6721	0.9627	1.7510	3.1244	239.7996	14.3900	38.0800	49.8100	0.6325		

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Mínimo	93.9681	0.6470	0.7143	1.5922	2.9744	239.3431	0.1200	38.0100	49.7100	0.3532		
Promedio	94.5349	0.7500	0.8635	1.7015	3.1397	240.1966	18.3380	38.0867	49.8077	0.5120		
Máximo	94.8694	0.8251	0.9767	1.7739	3.3281	241.4100	23.5400	38.1500	49.8600	0.6505		
Desv. Est.	0.17931	0.04470	0.07540	0.04354	0.10488	0.58486	4.26191	0.03880	0.03339	0.09720		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.