

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.
01/05/2017	95.6044	0.7671	0.3085	1.0756	3.0622	251.4599	19.7600	38.4000	50.3600	1.4150		
02/05/2017	95.5535	0.7839	0.3140	1.0979	3.0678	252.5128	20.1800	38.4100	50.3500	1.4385		
03/05/2017	95.8958	0.7605	0.3241	1.0846	2.7229	253.2714	20.6000	38.3200	50.3000	1.3436		
04/05/2017	95.6595	0.7681	0.3435	1.1115	2.9329	252.8694	20.1700	38.3600	50.3200	1.3660		
05/05/2017	95.6085	0.7813	0.3281	1.1094	2.9807	253.7870	20.6800	38.4000	50.3300	1.5718		
06/05/2017	95.6860	0.7734	0.3272	1.1005	2.9249	254.6297	20.8300	38.3700	50.3300	1.3274		
07/05/2017	95.7641	0.7789	0.2904	1.0694	2.8883	254.3597	20.5800	38.3600	50.3300	1.3526		
08/05/2017	95.7031	0.7857	0.2915	1.0772	2.9268	254.6618	20.1000	38.3900	50.3400	1.5386		
09/05/2017	95.6314	0.7954	0.3124	1.1078	2.9578	255.4982	20.2100	38.3800	50.3200	1.5469		
10/05/2017	95.6339	0.7842	0.3064	1.0906	2.9952	255.1629	20.2400	38.3900	50.3400	1.5443		
11/05/2017	95.8010	0.7529	0.3164	1.0694	2.8832	253.3556	20.3000	38.3400	50.3300	1.3620		
12/05/2017	95.9039	0.7589	0.3161	1.0750	2.7871	252.9265	21.3200	38.2900	50.3000	1.2594		
13/05/2017	95.9852	0.7500	0.3124	1.0624	2.7243	252.9018	21.8000	38.2800	50.3000	1.1812		
14/05/2017	95.9768	0.7485	0.3140	1.0626	2.7416	252.3140	21.5100	38.2800	50.3000	1.3271		
15/05/2017	95.9816	0.7586	0.3256	1.0841	2.7084	253.2782	21.3900	38.2600	50.2700	1.4028		
16/05/2017	95.9185	0.7247	0.3038	1.0285	2.8247	252.4330	21.2100	38.3200	50.3500	1.4387		
17/05/2017	95.8035	0.6920	0.2755	0.9675	2.9716	250.8726	20.3500	38.4000	50.4300	0.8806		
18/05/2017	95.7563	0.6689	0.2727	0.9416	3.0088	250.8435	20.4900	38.4600	50.4700	0.7475		
19/05/2017	95.7476	0.6344	0.2605	0.8949	3.0875	250.4867	20.8900	38.4600	50.5000	0.7022		
20/05/2017	95.7658	0.6070	0.2888	0.8959	3.0792	250.5111	21.2000	38.4700	50.5200	0.6354		
21/05/2017	95.7518	0.6336	0.3039	0.9375	3.0522	251.8256	21.6200	38.4400	50.4700	0.6289		
22/05/2017	95.8843	0.6323	0.2971	0.9294	2.9318	251.4130	21.5400	38.4100	50.4600	0.6484		
23/05/2017	95.9316	0.6549	0.3050	0.9598	2.8603	252.2398	21.6000	38.3600	50.4200	0.6439		
24/05/2017	96.0005	0.6742	0.3391	1.0133	2.7486	252.7050	20.3600	38.3100	50.3600	0.6313		
25/05/2017	95.8100	0.6955	0.3040	0.9995	2.9411	251.8149	20.9200	38.3700	50.3900	0.6405		
26/05/2017	95.8800	0.7696	0.3307	1.1002	2.7750	253.4005	21.6700	38.2900	50.2800	0.7629		
27/05/2017	95.9176	0.7531	0.3183	1.0714	2.7767	253.6409	21.6700	38.3000	50.3000	0.7278		
28/05/2017	96.1725	0.7103	0.3298	1.0401	2.5415	254.2130	21.7500	38.2600	50.3000	0.6113		
29/05/2017	96.1625	0.6857	0.3041	0.9897	2.5763	254.6495	21.1700	38.2900	50.3500	0.5284		
30/05/2017	95.9182	0.7684	0.2962	1.0646	2.7633	255.1977	20.5500	38.3100	50.3000	0.7715		
31/05/2017	96.0976	0.7453	0.3166	1.0620	2.5995	254.4860	20.6300	38.2600	50.2800	0.5890		


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

Mínimo	95.5535	0.6070	0.2605	0.8949	2.5415	250.4867	19.7600	38.2600	50.2700	0.5284		
Promedio	95.8357	0.7289	0.3089	1.0379	2.8659	253.0233	20.8803	38.3529	50.3548	1.0505		
Máximo	96.1725	0.7954	0.3435	1.1115	3.0875	255.4982	21.8000	38.4700	50.5200	1.5718		
Desv. Est.	0.16268	0.05513	0.01898	0.06612	0.15169	1.43707	0.59549	0.06294	0.06879	0.38088		

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.
01/05/2017	95.8401	0.8178	0.3562	1.1471	3.4991	252.9164	45.2400	38.5100	50.4100	1.7858		
02/05/2017	95.7808	0.8573	0.3374	1.1650	3.2697	253.9126	45.3500	38.4500	50.3800	1.7858		
03/05/2017	96.0650	0.8282	0.3508	1.1487	3.0391	255.1046	45.0400	38.3700	50.3700	1.7318		
04/05/2017	95.8153	0.8203	0.3635	1.1601	3.0209	255.9702	45.2400	38.4100	50.3800	1.7948		
05/05/2017	95.7405	0.8276	0.3557	1.1592	3.2226	255.1234	45.5500	38.4500	50.3700	1.9750		
06/05/2017	96.0410	0.8293	0.3489	1.1613	3.1743	255.7260	45.8500	38.4400	50.3700	1.6597		
07/05/2017	96.0463	0.8253	0.3103	1.1254	3.0263	255.7437	44.7400	38.4000	50.4000	1.7408		
08/05/2017	95.8906	0.8440	0.3250	1.1396	3.1341	255.7578	45.1400	38.4300	50.3800	1.7948		
09/05/2017	95.7948	0.8561	0.3348	1.1653	3.1999	256.8179	45.4500	38.4700	50.3900	1.7498		
10/05/2017	95.7987	0.8323	0.3262	1.1474	3.2295	258.4663	44.9400	38.4900	50.4100	1.8129		
11/05/2017	96.0491	0.8050	0.3502	1.1054	3.2291	257.7595	45.2400	38.5100	50.4100	1.6507		
12/05/2017	96.0842	0.7956	0.3366	1.1203	2.9714	254.3910	46.0500	38.3500	50.3500	1.4975		
13/05/2017	96.1556	0.8012	0.3246	1.1209	2.9170	254.0882	46.0500	38.3300	50.3300	1.4074		
14/05/2017	96.1417	0.7796	0.3338	1.0951	2.8971	253.5755	45.3500	38.3200	50.3200	1.6056		
15/05/2017	96.0581	0.7842	0.3482	1.1065	2.8570	254.5890	44.5400	38.3100	50.3000	1.7227		
16/05/2017	96.3142	0.7816	0.3325	1.1047	3.4170	254.1109	45.4500	38.5000	50.5000	2.4616		
17/05/2017	96.0104	0.7300	0.2970	0.9981	3.1614	252.7609	44.9400	38.4500	50.4600	1.6867		
18/05/2017	95.9684	0.7187	0.2947	0.9939	3.1654	252.7443	43.6400	38.5500	50.5600	0.9659		
19/05/2017	95.9461	0.7174	0.2811	0.9910	3.2032	252.5789	45.5500	38.5200	50.5700	0.8758		
20/05/2017	95.8768	0.7206	0.3268	1.0140	3.2110	251.8550	45.8500	38.5600	50.6200	0.8848		
21/05/2017	95.8860	0.6711	0.3224	0.9855	3.1309	253.2400	45.7500	38.5100	50.6000	0.8037		
22/05/2017	96.0378	0.6803	0.3157	0.9720	3.0641	252.4886	46.2500	38.4900	50.5000	0.8217		
23/05/2017	96.0431	0.7363	0.3301	1.0628	3.0244	254.6009	43.8400	38.4400	50.4900	0.8037		
24/05/2017	96.1648	0.7276	0.3728	1.0600	2.9128	255.2837	44.8400	38.3800	50.4300	0.7947		
25/05/2017	95.9988	0.7327	0.3277	1.0603	3.1388	253.5603	44.6400	38.4300	50.4500	0.8397		
26/05/2017	96.1807	0.8656	0.4212	1.2139	3.2101	256.3844	46.1500	38.4000	50.4500	1.1641		
27/05/2017	96.2462	0.7858	0.3570	1.1253	3.0149	254.8407	46.3500	38.3600	50.3300	0.8758		
28/05/2017	96.3535	0.7372	0.3593	1.0791	2.6974	255.5562	44.4400	38.2900	50.3200	0.7406		
29/05/2017	96.3046	0.7195	0.3229	1.0354	2.7976	259.4958	45.4500	38.4100	50.4200	0.7136		
30/05/2017	96.1899	0.8273	0.3170	1.1272	3.0877	259.5433	44.9400	38.5100	50.4300	0.9298		
31/05/2017	96.3470	0.7866	0.3407	1.1077	2.7961	256.0521	43.8400	38.3400	50.3300	0.7496		


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Mínimo	95.7405	0.6711	0.2811	0.9720	2.6974	251.8550	43.6400	38.2900	50.3000	0.7136		
Promedio	96.0377	0.7820	0.3362	1.0967	3.0877	255.0012	45.2158	38.4316	50.4203	1.3493		
Máximo	96.3535	0.8656	0.4212	1.2139	3.4991	259.5433	46.3500	38.5600	50.6200	2.4616		
Desv. Est.	0.17508	0.05461	0.02614	0.06404	0.17848	1.97531	0.69348	0.07399	0.08432	0.49023		

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.
01/05/2017	95.0864	0.7195	0.2846	1.0260	2.8720	249.9942	9.4700	38.3400	50.3200	1.1371		
02/05/2017	95.3522	0.7508	0.2996	1.0712	2.8629	250.3101	10.2700	38.3500	50.2800	1.2001		
03/05/2017	95.6206	0.6827	0.2936	1.0250	2.5589	251.8039	8.9600	38.2700	50.2500	1.1371		
04/05/2017	95.5709	0.7266	0.3174	1.0578	2.7584	251.7851	9.3700	38.3000	50.2500	1.1551		
05/05/2017	95.3175	0.7358	0.3109	1.0794	2.8265	252.0439	9.3700	38.3300	50.2700	1.2632		
06/05/2017	95.3876	0.7139	0.2791	1.0177	2.6521	253.8826	9.3700	38.2900	50.2900	1.0740		
07/05/2017	95.5671	0.6972	0.2583	0.9885	2.6907	253.5181	9.5700	38.3100	50.3000	0.9929		
08/05/2017	95.4489	0.7238	0.2690	1.0111	2.7893	253.5960	9.0600	38.3400	50.3000	1.2092		
09/05/2017	95.3837	0.7543	0.2921	1.0715	2.8268	254.1831	9.7700	38.3200	50.2600	1.3083		
10/05/2017	95.4167	0.7258	0.2671	1.0312	2.7788	253.0658	9.3700	38.3100	50.2600	1.2812		
11/05/2017	95.3331	0.6963	0.2860	1.0308	2.6227	251.3698	8.9600	38.2700	50.2800	1.1190		
12/05/2017	95.6977	0.7083	0.3042	1.0350	2.6393	251.7672	10.0700	38.2500	50.2700	0.9929		
13/05/2017	95.7481	0.7159	0.2943	1.0194	2.5454	251.9450	10.4700	38.2300	50.2700	0.9478		
14/05/2017	95.8152	0.7193	0.2972	1.0278	2.6002	251.2377	10.3700	38.2500	50.2700	1.0109		
15/05/2017	95.8300	0.7339	0.3097	1.0546	2.6284	252.1010	9.8700	38.2500	50.2600	1.2542		
16/05/2017	95.3753	0.6129	0.2505	0.8740	2.4696	248.5937	9.8700	38.2100	50.2600	1.1281		
17/05/2017	95.6115	0.6306	0.2634	0.9021	2.8190	248.3922	10.4700	38.3600	50.3900	0.6325		
18/05/2017	95.5800	0.6082	0.2566	0.8828	2.8194	249.1009	8.6600	38.3700	50.4000	0.5784		
19/05/2017	95.5935	0.5768	0.2434	0.8379	2.9088	248.7740	9.9700	38.4100	50.4200	0.5334		
20/05/2017	95.6347	0.5151	0.2600	0.8176	2.9884	248.7491	10.6700	38.3800	50.3800	0.4703		
21/05/2017	95.6386	0.5109	0.2891	0.8079	2.9220	250.2125	10.6700	38.3900	50.4300	0.4793		
22/05/2017	95.6694	0.5958	0.2850	0.8910	2.8065	249.6135	11.4800	38.3700	50.4300	0.4613		
23/05/2017	95.7805	0.5884	0.2856	0.8757	2.7725	250.3324	10.2700	38.3200	50.3200	0.4613		
24/05/2017	95.8407	0.6214	0.3000	0.9255	2.6202	251.4711	9.5700	38.2700	50.3100	0.4793		
25/05/2017	95.6546	0.6427	0.2810	0.9337	2.7821	249.7894	9.4700	38.3200	50.3300	0.4973		
26/05/2017	95.4057	0.6504	0.2787	0.9303	2.5308	250.1594	10.3700	38.2200	50.2000	0.5063		
27/05/2017	95.6198	0.7053	0.2967	1.0122	2.5005	251.9878	11.0700	38.2300	50.2700	0.4973		
28/05/2017	95.9973	0.6840	0.3017	0.9917	2.4202	253.2830	10.5700	38.2200	50.2700	0.4973		
29/05/2017	95.8785	0.6508	0.2732	0.9651	2.4472	251.6939	11.8800	38.2400	50.3000	0.3982		
30/05/2017	95.4337	0.7146	0.2656	0.9962	2.5479	252.1933	9.9700	38.2500	50.2300	0.5694		
31/05/2017	95.8345	0.7259	0.2745	1.0255	2.3834	253.1399	9.2700	38.1900	50.2400	0.4883		

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Mínimo	95.0864	0.5109	0.2434	0.8079	2.3834	248.3922	8.6600	38.1900	50.2000	0.3982		
Promedio	95.5846	0.6722	0.2828	0.9747	2.6900	251.2932	9.9532	38.2955	50.3003	0.8310		
Máximo	95.9973	0.7543	0.3174	1.0794	2.9884	254.1831	11.8800	38.4100	50.4300	1.3083		
Desv. Est.	0.20482	0.06641	0.01881	0.07938	0.16278	1.67456	0.74998	0.05960	0.06074	0.33427		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE