

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.
01/04/2017	95.4305	0.8133	0.3460	1.1593	3.1287	254.7480	19.8600	38.4100	50.3000	1.4279	<10.8	0.00
02/04/2017	95.6036	0.8255	0.3297	1.1552	2.9862	254.4559	20.1400	38.3400	50.2600	1.4580		
03/04/2017	95.7500	0.8343	0.3152	1.1494	2.8555	254.9512	20.1800	38.3100	50.2400	1.4034		
04/04/2017	95.3664	0.8054	0.3196	1.1250	3.1274	254.9050	20.0400	38.4700	50.3600	1.0848		
05/04/2017	95.1245	0.7018	0.2817	0.9835	3.3607	253.5449	19.5200	38.6800	50.5800	1.0342		
06/04/2017	95.2484	0.7360	0.2615	0.9976	3.2291	255.3687	18.6100	38.6400	50.5400	1.3244		
07/04/2017	95.3828	0.7792	0.2695	1.0487	3.1417	255.5831	18.5100	38.5400	50.4400	1.5175		
08/04/2017	95.3083	0.9080	0.3024	1.2104	3.1861	259.5844	19.8400	38.4200	50.2700	1.7849		
09/04/2017	95.3210	0.8457	0.3122	1.1579	3.2243	257.4302	20.1500	38.4400	50.3200	1.7976		
10/04/2017	95.0882	0.6393	0.2497	0.8890	3.4529	253.3675	20.1300	38.7700	50.6800	1.2741		
11/04/2017	94.4347	0.4866	0.1912	0.6778	4.0106	250.5225	18.9500	39.2100	51.0700	0.9756		
12/04/2017	94.7055	0.6064	0.2206	0.8270	3.7488	252.3768	19.5700	38.9700	50.8300	1.1641		
13/04/2017	94.8304	0.5875	0.2105	0.7980	3.6546	254.0132	18.9000	38.9700	50.8300	1.1072		
14/04/2017	94.9898	0.5933	0.2175	0.8108	3.5860	253.5684	18.7100	38.8700	50.7800	1.2663		
15/04/2017	95.7684	0.6397	0.2225	0.8622	2.9906	250.6620	18.8200	38.5300	50.5500	1.3439		
16/04/2017	96.0246	0.6383	0.2063	0.8447	2.7458	251.8919	20.1400	38.4700	50.5300	1.1032		
17/04/2017	95.9175	0.4787	0.1559	0.6346	3.0151	249.4908	19.6000	38.6400	50.7600	0.8829		
18/04/2017	95.7240	0.5260	0.1985	0.7245	3.1146	250.4507	19.5300	38.6600	50.7200	0.9280		
19/04/2017	95.5308	0.5421	0.2683	0.8104	3.2475	249.0649	19.4000	38.6400	50.6600	1.0767		
20/04/2017	95.5223	0.5339	0.2648	0.7987	3.2768	248.7842	19.3000	38.6500	50.6700	1.0650		
21/04/2017	95.7113	0.5363	0.2922	0.8285	3.0970	250.3348	19.4600	38.5600	50.6100	1.0154		
22/04/2017	95.6199	0.7424	0.3490	1.0914	2.9708	253.3558	19.9900	38.4000	50.3600	1.3986		
23/04/2017	95.8455	0.6497	0.2926	0.9422	2.9154	251.7994	19.7800	38.4300	50.4600	1.1234		
24/04/2017	96.0153	0.7141	0.2925	1.0066	2.7178	250.0717	19.3200	38.3200	50.3600	1.2865		
25/04/2017	95.8876	0.7236	0.3107	1.0343	2.7944	251.7279	19.5100	38.3500	50.3600	1.2279		
26/04/2017	95.8627	0.7624	0.3304	1.0928	2.7294	252.6762	20.6800	38.3300	50.3100	1.3006		
27/04/2017	95.9057	0.7916	0.2646	1.0562	2.7498	252.9462	20.0400	38.3300	50.3200	1.3475		
28/04/2017	95.4432	0.8056	0.3449	1.1506	3.0999	252.0987	19.7400	38.4100	50.3100	1.5049		
29/04/2017	95.6266	0.7607	0.3401	1.1008	3.0097	251.9909	20.3900	38.3800	50.3300	1.4447		
30/04/2017	95.6447	0.7538	0.3117	1.0655	3.0143	251.6826	20.0600	38.3900	50.3600	1.4660		

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

Mínimo	94.4347	0.4787	0.1559	0.6346	2.7178	248.7842	18.5100	38.3100	50.2400	0.8829		
Promedio	95.4878	0.6920	0.2757	0.9678	3.1394	252.7816	19.6290	38.5510	50.5057	1.2712		
Máximo	96.0246	0.9080	0.3490	1.2104	4.0106	259.5844	20.6800	39.2100	51.0700	1.7976		
Desv. Est.	0.39507	0.11905	0.05287	0.16305	0.31178	2.46392	0.55479	0.22490	0.21445	0.22860		

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.
01/04/2017	95.6213	0.8775	0.3648	1.2262	3.4117	257.0471	44.7400	38.5200	50.3900	1.7137		
02/04/2017	95.8351	0.8966	0.3780	1.2108	3.3380	256.1427	42.7300	38.4100	50.3000	1.7588		
03/04/2017	95.9329	0.9278	0.3313	1.2229	3.4234	256.3360	44.7400	38.4100	50.2800	2.8491		
04/04/2017	95.9163	0.8640	0.3434	1.1686	4.1799	256.2883	45.2400	39.2200	50.8400	1.5425		
05/04/2017	95.3742	0.8330	0.3210	1.1528	3.6916	258.3417	22.8300	38.9100	50.7600	1.6326		
06/04/2017	95.4630	0.7861	0.2906	1.0512	3.4042	256.8364	20.3200	38.7300	50.6100	1.5606		
07/04/2017	95.7167	0.9266	0.3305	1.2558	3.7890	258.0586	20.1200	38.7600	50.6300	1.9390		
08/04/2017	95.5418	0.9607	0.3513	1.2648	3.4160	261.4679	22.1300	38.5500	50.3800	2.0561		
09/04/2017	95.5498	0.9355	0.3375	1.2490	3.4185	259.3960	41.8300	38.5700	50.4600	2.2814		
10/04/2017	95.7609	0.8371	0.3120	1.1310	3.7415	257.0510	44.5400	39.0200	50.9000	1.7318		
11/04/2017	94.8501	0.6305	0.2350	0.8655	4.1975	253.9932	40.2200	39.3300	51.1400	1.1731		
12/04/2017	95.2869	0.7253	0.2904	1.0012	4.2080	255.8834	45.0400	39.2800	51.1300	1.5425		
13/04/2017	95.2594	0.6634	0.2432	0.8754	4.0583	256.4205	20.4200	39.1400	50.9700	1.3533		
14/04/2017	95.6121	0.6487	0.2477	0.8536	3.9985	255.4986	34.4900	39.0500	50.9000	1.5245		
15/04/2017	96.0177	0.7851	0.3340	0.9988	3.5536	252.0767	40.6200	38.6900	50.7000	1.7768		
16/04/2017	96.3212	0.9035	0.2612	1.1494	4.4982	253.9834	41.6300	38.7600	50.5900	2.8220		
17/04/2017	96.3039	0.6865	0.1986	0.8679	3.2759	252.7075	40.4200	38.7900	50.9300	1.1281		
18/04/2017	95.9646	0.5779	0.2703	0.7904	3.3187	252.4617	43.9400	38.7600	50.8000	1.1641		
19/04/2017	95.6436	0.5778	0.3023	0.8580	3.3557	250.6929	25.2500	38.6800	50.7200	1.3533		
20/04/2017	95.7959	0.5882	0.3014	0.8444	3.5837	249.9499	44.6400	38.7200	50.7100	1.4164		
21/04/2017	95.8019	0.6117	0.3486	0.9424	3.3419	252.6546	40.2200	38.6200	50.6800	1.3263		
22/04/2017	96.0846	0.8460	0.3869	1.1980	3.2805	255.7918	44.9400	38.5700	50.6300	1.8849		
23/04/2017	96.2213	0.7381	0.3291	1.0579	3.0844	254.3375	45.1400	38.5100	50.5100	1.3533		
24/04/2017	96.2293	0.7917	0.3265	1.0836	2.9734	251.6669	44.6400	38.4300	50.4500	1.5515		
25/04/2017	96.1314	0.7804	0.3447	1.0973	3.1556	254.6305	44.5400	38.4400	50.4000	1.5515		
26/04/2017	96.1797	0.8054	0.3625	1.1572	2.9841	254.0685	45.6500	38.3900	50.3500	7.6696		
27/04/2017	96.2874	0.8367	0.3401	1.1550	3.1140	254.1005	45.0400	38.4100	50.3800	1.6957		
28/04/2017	95.5923	0.8511	0.3753	1.2038	3.4359	253.5842	44.5400	38.4500	50.3400	2.2273		
29/04/2017	95.7541	0.8044	0.3753	1.1608	3.1738	257.0581	45.4500	38.4100	50.3600	1.6687		
30/04/2017	95.8911	0.8114	0.3440	1.1367	3.3221	253.1366	44.2400	38.4700	50.3900	1.8038		


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Mínimo	94.8501	0.5778	0.1986	0.7904	2.9734	249.9499	20.1200	38.3900	50.2800	1.1281		
Promedio	95.7980	0.7836	0.3193	1.0743	3.5243	255.0554	39.0097	38.7000	50.6210	1.9017		
Máximo	96.3212	0.9607	0.3869	1.2648	4.4982	261.4679	45.6500	39.3300	51.1400	7.6696		
Desv. Est.	0.35245	0.11444	0.04699	0.14726	0.39581	2.60439	9.07192	0.28202	0.24972	1.16666		

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.
01/04/2017	95.1376	0.7778	0.3232	1.1159	2.9651	253.2737	8.8600	38.3600	50.2500	1.1371		
02/04/2017	95.2212	0.7877	0.2951	1.1124	2.7372	253.1775	12.8800	38.3000	50.2300	1.1551		
03/04/2017	95.1500	0.8056	0.2915	1.1112	2.6456	252.3888	9.7700	38.2600	50.2200	1.1461		
04/04/2017	93.7370	0.7366	0.2913	1.0405	2.7195	253.8467	8.8600	38.3100	50.2500	1.1461		
05/04/2017	94.7228	0.6292	0.2467	0.8899	3.1633	251.4560	12.4800	38.4500	50.3400	1.1461		
06/04/2017	95.0374	0.6866	0.2445	0.9420	3.0648	254.2103	17.2100	38.5400	50.4500	1.0650		
07/04/2017	94.7714	0.6451	0.2267	0.8929	2.8615	253.7104	16.9000	38.3300	50.2100	1.0380		
08/04/2017	95.0012	0.8424	0.2810	1.1552	3.0138	257.0801	10.3700	38.3400	50.2000	1.5606		
09/04/2017	95.0555	0.7485	0.2946	1.0526	3.0661	254.7599	9.0600	38.3700	50.2400	1.4164		
10/04/2017	94.7510	0.5346	0.2083	0.7526	2.8780	251.1734	9.3700	38.3600	50.3100	0.9839		
11/04/2017	94.1724	0.4433	0.1746	0.6222	3.6406	248.1663	16.5000	38.9000	50.7600	0.7676		
12/04/2017	94.2111	0.4374	0.1814	0.6246	3.2383	248.3523	9.2700	38.7700	50.6300	0.8848		
13/04/2017	94.3705	0.5218	0.1808	0.7239	3.2601	252.1183	17.7100	38.7700	50.6900	0.8037		
14/04/2017	94.4554	0.5345	0.2005	0.7706	3.1503	251.7112	16.9000	38.6300	50.6300	0.9839		
15/04/2017	94.9932	0.5398	0.2027	0.7512	2.7067	249.2581	8.6600	38.3700	50.3700	1.0199		
16/04/2017	94.1075	0.5753	0.1823	0.7806	2.5255	248.0152	10.2700	38.3800	50.4500	0.8397		
17/04/2017	95.5872	0.3764	0.1215	0.4979	2.5477	247.0573	15.4000	38.4100	50.4800	0.7226		
18/04/2017	95.4643	0.4833	0.1640	0.6515	2.8733	248.3223	8.9600	38.5900	50.6600	0.6595		
19/04/2017	95.3933	0.4924	0.2391	0.7531	3.1611	246.8726	15.6000	38.6000	50.6200	0.8848		
20/04/2017	95.1850	0.4881	0.2261	0.7679	3.0148	246.7123	9.1700	38.5700	50.6400	0.8127		
21/04/2017	95.5148	0.4796	0.2640	0.7632	2.9478	248.2349	9.4700	38.4900	50.5100	0.7767		
22/04/2017	95.2416	0.5222	0.2810	0.8060	2.5994	250.0280	9.3700	38.3100	50.2600	0.8938		
23/04/2017	95.6191	0.5845	0.2732	0.8789	2.6297	249.2838	9.8700	38.3200	50.3300	0.9208		
24/04/2017	95.6641	0.6511	0.2650	0.9200	2.5088	248.6463	8.5600	38.2400	50.2500	1.0199		
25/04/2017	95.4596	0.6734	0.2910	0.9736	2.6111	249.1229	9.4700	38.3000	50.3000	0.9118		
26/04/2017	95.5974	0.7164	0.2703	1.0229	2.4714	251.3030	9.2700	38.2500	50.2400	0.9118		
27/04/2017	95.4458	0.7585	0.2166	0.9921	2.4714	251.5280	8.5600	38.2500	50.2800	1.0109		
28/04/2017	95.1746	0.7610	0.3223	1.1160	2.9792	250.5668	8.9600	38.3600	50.2700	1.2452		
29/04/2017	95.4114	0.7155	0.3039	1.0526	2.8890	250.4994	9.1700	38.3400	50.2900	1.1911		
30/04/2017	95.3292	0.6914	0.2829	1.0203	2.8005	250.2574	9.4700	38.3300	50.3200	1.1821		

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Mínimo	93.7370	0.3764	0.1215	0.4979	2.4714	246.7123	8.5600	38.2400	50.2000	0.6595		
Promedio	95.0328	0.6213	0.2449	0.8851	2.8714	250.7044	11.2123	38.4267	50.3893	1.0079		
Máximo	95.6641	0.8424	0.3232	1.1552	3.6406	257.0801	17.7100	38.9000	50.7600	1.5606		
Desv. Est.	0.51252	0.12839	0.05209	0.17646	0.27962	2.59410	3.19331	0.17095	0.17283	0.20217		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE