


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.
01/08/2017	95.4569	0.6429	0.2185	0.8613	3.4296	251.8690	4.9300	38.5700	50.5800	3.5598		
02/08/2017	95.3870	0.6948	0.2284	0.9232	3.4558	251.0546	4.9800	38.5500	50.5200	3.8385		
03/08/2017	95.3467	0.7399	0.2330	0.9730	3.4551	251.5106	4.8600	38.5200	50.4700	4.5987		
04/08/2017	95.4387	0.7000	0.2230	0.9230	3.4221	250.9829	4.8500	38.5300	50.5100	4.3073		
05/08/2017	95.4265	0.7051	0.2306	0.9357	3.4217	251.2573	4.8200	38.5200	50.5100	4.5241		
06/08/2017	95.2500	0.6817	0.2581	0.9398	3.5289	251.7415	4.8400	38.5900	50.5400	4.0300		
07/08/2017	94.9095	0.6856	0.2397	0.9253	3.6643	252.8891	4.8500	38.7800	50.6500	3.6447		
08/08/2017	94.8128	0.6913	0.2437	0.9351	3.7349	253.3123	4.8700	38.8000	50.6600	4.0545		
09/08/2017	94.8556	0.7227	0.2685	0.9913	3.6969	253.7891	4.8300	38.7300	50.5900	4.1583		
10/08/2017	94.7941	0.7392	0.2614	1.0006	3.7588	252.6109	4.6300	38.7300	50.5900	4.2080		
11/08/2017	94.8445	0.6840	0.2501	0.9341	3.7136	252.6967	4.6400	38.7800	50.6500	3.8094		
12/08/2017	94.6866	0.6805	0.2348	0.9153	3.8859	253.5571	4.8100	38.8400	50.7100	3.7282		
13/08/2017	94.4748	0.6792	0.2432	0.9223	4.0718	253.7585	4.8900	38.9000	50.7400	3.4077		
14/08/2017	94.9107	0.6736	0.2481	0.9216	3.6805	253.8415	5.0200	38.7700	50.6500	3.2499		
15/08/2017	94.7494	0.6786	0.2385	0.9171	3.7365	254.0218	5.0300	38.8500	50.7100	3.2499		
16/08/2017	94.6645	0.7140	0.2543	0.9683	3.8274	254.2423	5.4500	38.8200	50.6600	3.2499		
17/08/2017	94.6920	0.6903	0.2527	0.9430	3.7999	253.5824	5.4000	38.8400	50.6800	4.2615		
18/08/2017	94.7964	0.7018	0.2568	0.9585	3.6997	254.5210	5.0400	38.8000	50.6400	3.9530		
19/08/2017	94.8230	0.6790	0.2316	0.9106	3.6859	254.2332	5.0000	38.8400	50.6900	3.6468		
20/08/2017	94.8300	0.6591	0.2536	0.9127	3.6968	253.7666	5.0300	38.8200	50.7000	3.6272		
21/08/2017	94.8989	0.6426	0.2519	0.8945	3.6469	252.8840	5.0300	38.8200	50.6900	3.4490		
22/08/2017	94.9203	0.6527	0.2528	0.9055	3.6082	253.6629	5.1200	38.8100	50.6900	3.2984		
23/08/2017	94.8702	0.6712	0.2505	0.9217	3.5920	254.6339	5.0300	38.8300	50.7000	3.8086		
24/08/2017	94.6622	0.7098	0.2360	0.9458	3.7170	253.6103	4.8500	38.8900	50.7000	3.7884		
25/08/2017	93.7634	0.5596	0.1819	0.7415	4.3618	249.3408	4.5500	39.4400	51.1400	3.3518		
26/08/2017	93.3276	0.5912	0.1886	0.7798	4.6948	247.3835	4.4100	39.5600	51.1800	3.8236		
27/08/2017	93.7768	0.6902	0.2314	0.9216	4.3750	253.1773	5.3200	39.2500	50.9200	3.1583		
28/08/2017	93.6624	0.8237	0.3199	1.1436	4.5908	256.1422	5.5000	39.0300	50.6600	3.6208		
29/08/2017	93.7966	0.7677	0.2879	1.0556	4.5071	256.8924	5.5100	39.0600	50.7400	2.6078		
30/08/2017	93.6327	0.6788	0.2341	0.9129	4.5737	252.9435	5.3300	39.2800	50.9500	2.1809		
31/08/2017	93.4081	0.7510	0.2453	0.9963	4.7448	250.6898	5.1200	39.2700	50.8800	3.8484		


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

Mínimo	93.3276	0.5596	0.1819	0.7415	3.4217	247.3835	4.4100	38.5200	50.4700	2.1809		
Promedio	94.6409	0.6897	0.2435	0.9332	3.8638	252.9225	4.9852	38.8652	50.7000	3.6788		
Máximo	95.4569	0.8237	0.3199	1.1436	4.7448	256.8924	5.5100	39.5600	51.1800	4.5987		
Desv. Est.	0.61683	0.04830	0.02492	0.06960	0.40654	1.86663	0.26913	0.26193	0.16422	0.51259		

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.
01/08/2017	95.5811	0.6729	0.2319	0.9014	3.5482	252.9778	10.6300	38.6000	50.6300	4.4239		
02/08/2017	95.5798	0.7281	0.2421	0.9572	3.5744	253.1086	10.7200	38.6000	50.5800	4.6942		
03/08/2017	95.5549	0.7840	0.2596	1.0416	3.5899	253.5052	10.7200	38.5900	50.5500	5.8205		
04/08/2017	95.5668	0.7647	0.2377	0.9835	3.5855	253.4434	10.7700	38.5600	50.5800	5.3249		
05/08/2017	95.5239	0.7448	0.2508	0.9727	3.5782	253.9043	10.5300	38.5700	50.5800	5.2799		
06/08/2017	95.5081	0.7415	0.2843	0.9910	3.6926	253.6707	10.7000	38.7200	50.6000	5.5051		
07/08/2017	95.0386	0.7130	0.2626	0.9634	3.7635	254.4816	10.7000	38.8200	50.6900	4.2437		
08/08/2017	94.9180	0.7202	0.2650	0.9707	3.8350	255.6058	10.4100	38.8300	50.7000	4.9195		
09/08/2017	94.9579	0.7683	0.3006	1.0449	3.7867	259.8749	10.6300	38.8100	50.6900	38.5284		
10/08/2017	94.9124	0.7776	0.2737	1.0382	3.9300	254.5063	10.3400	38.8300	50.6700	5.1447		
11/08/2017	94.9841	0.7458	0.2752	1.0200	3.9458	255.0863	10.6000	38.8500	50.7200	6.2260		
12/08/2017	94.9598	0.7086	0.2555	0.9575	4.1046	256.0287	10.5800	38.9100	50.7500	4.4689		
13/08/2017	94.6113	0.7110	0.2602	0.9618	4.2207	255.3923	10.6300	38.9500	50.7600	4.0635		
14/08/2017	95.1171	0.7274	0.2647	0.9805	4.1856	255.1926	8.5300	38.9300	50.7400	4.1986		
15/08/2017	94.9615	0.7286	0.2458	0.9616	3.8706	255.8335	9.8400	38.9100	50.7400	38.7086		
16/08/2017	94.8857	0.7418	0.2738	0.9973	4.1076	255.3812	11.0800	38.9200	50.7500	38.6185		
17/08/2017	94.8647	0.7413	0.2743	1.0044	3.9177	256.1437	11.1500	38.9300	50.7600	5.2799		
18/08/2017	94.9867	0.7512	0.2822	1.0025	3.9087	255.7887	10.8200	38.9200	50.7400	4.8293		
19/08/2017	94.9568	0.7437	0.2405	0.9768	3.7787	255.4520	10.8200	38.9000	50.7700	4.5140		
20/08/2017	95.0216	0.6925	0.2751	0.9471	3.8238	255.9757	10.5100	38.9300	50.7700	4.2887		
21/08/2017	95.0492	0.6900	0.2631	0.9473	3.7257	253.6538	10.7500	38.9100	50.7900	4.0184		
22/08/2017	95.0244	0.7391	0.2673	0.9933	3.7319	255.6214	10.9800	38.9100	50.7900	38.4383		
23/08/2017	95.0034	0.7109	0.2749	0.9644	3.6886	256.5395	10.6000	38.9100	50.7600	4.7843		
24/08/2017	94.8224	0.7523	0.2521	0.9946	3.8169	256.2228	10.6500	39.0000	50.8000	4.3338		
25/08/2017	94.6980	0.6923	0.2520	0.9348	4.6869	255.2334	10.4800	39.9300	51.6100	4.1536		
26/08/2017	93.6030	0.7504	0.2576	0.9818	4.8112	259.0613	5.2200	39.7000	51.3500	5.0096		
27/08/2017	94.1038	0.9243	0.2665	1.1663	4.6537	260.4753	11.1300	39.7100	51.3300	4.3338		
28/08/2017	94.3623	0.9845	0.3780	1.2458	5.1599	259.0933	10.4800	39.2800	50.8300	6.0007		
29/08/2017	93.9696	0.8133	0.3174	1.1097	4.6197	259.1865	10.8600	39.1700	50.8400	4.3338		
30/08/2017	93.9367	0.7809	0.2954	1.0666	4.9431	257.5786	11.2700	39.4800	51.1700	3.5228		
31/08/2017	93.8153	0.9205	0.2908	1.1960	5.2014	252.6231	10.9400	39.6300	51.1800	5.0997		

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Mínimo	93.6030	0.6729	0.2319	0.9014	3.5482	252.6231	5.2200	38.5600	50.5500	3.5228		
Promedio	94.8671	0.7570	0.2700	1.0089	4.0576	255.6981	10.4539	38.9906	50.8135	9.1326		
Máximo	95.5811	0.9845	0.3780	1.2458	5.2014	260.4753	11.2700	39.9300	51.6100	38.7086		
Desv. Est.	0.52885	0.06963	0.02762	0.07707	0.48805	2.07510	1.08141	0.35427	0.24995	11.53526		

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.
01/08/2017	95.3222	0.5973	0.1945	0.7991	3.3115	250.8052	2.1500	38.5200	50.5300	2.7119		
02/08/2017	95.2465	0.6399	0.2090	0.8595	3.3134	249.4277	3.3600	38.5000	50.4900	3.0273		
03/08/2017	95.1373	0.6821	0.2021	0.8994	3.3204	248.9782	2.2200	38.4700	50.4200	3.5228		
04/08/2017	95.2210	0.6247	0.1984	0.8441	3.2861	248.7355	2.5500	38.4700	50.4400	3.2075		
05/08/2017	95.2551	0.6220	0.2173	0.8480	3.3073	249.1444	2.1200	38.4900	50.4700	3.5228		
06/08/2017	94.9219	0.6438	0.2387	0.8977	3.3537	249.1908	2.6700	38.5100	50.4700	3.4327		
07/08/2017	94.8012	0.6586	0.2152	0.8846	3.5798	251.3732	2.3100	38.7100	50.6000	3.0723		
08/08/2017	94.7218	0.6627	0.2184	0.9025	3.6383	251.9215	2.2700	38.7700	50.6300	3.2976		
09/08/2017	94.7474	0.6590	0.2192	0.8907	3.6141	252.3631	2.1200	38.6600	50.5200	3.5228		
10/08/2017	94.5896	0.6919	0.2444	0.9435	3.6439	251.6881	2.1200	38.6800	50.5400	3.1174		
11/08/2017	94.5892	0.6428	0.2338	0.8793	3.6123	251.5959	2.0300	38.6900	50.5500	3.1624		
12/08/2017	94.4705	0.6611	0.2208	0.8841	3.6123	251.4733	1.9300	38.7500	50.6200	3.0723		
13/08/2017	94.3205	0.6568	0.2278	0.9022	3.9392	251.9225	2.0800	38.8700	50.7000	2.6668		
14/08/2017	94.3732	0.6377	0.2326	0.8753	3.4403	252.5859	3.3100	38.7100	50.6100	2.3965		
15/08/2017	94.5869	0.6354	0.2269	0.8767	3.5752	252.7262	2.4800	38.7800	50.6500	3.0273		
16/08/2017	94.3365	0.6611	0.2396	0.9031	3.6614	252.8438	3.6500	38.7600	50.6100	3.0273		
17/08/2017	94.5387	0.6503	0.2290	0.8880	3.6739	251.7270	2.6000	38.7500	50.6000	3.3877		
18/08/2017	94.5443	0.6667	0.2324	0.9145	3.5648	253.6678	2.4600	38.7400	50.6100	3.0723		
19/08/2017	94.7379	0.6363	0.2222	0.8593	3.5642	252.9797	2.4100	38.7700	50.6200	2.7569		
20/08/2017	94.6337	0.6285	0.2339	0.8773	3.5734	252.1863	2.3600	38.7300	50.6200	2.8921		
21/08/2017	94.7899	0.5984	0.2358	0.8350	3.5510	251.8062	2.4100	38.7700	50.6500	2.7119		
22/08/2017	94.7732	0.6061	0.2343	0.8431	3.5118	252.0747	2.5800	38.7400	50.6100	2.2163		
23/08/2017	94.7318	0.6117	0.2325	0.8577	3.5073	252.7760	2.1500	38.7800	50.6400	2.6218		
24/08/2017	94.4621	0.6673	0.2186	0.8955	3.5573	252.0633	2.4300	38.8300	50.6500	2.8921		
25/08/2017	93.3234	0.3238	0.1210	0.4448	3.6915	244.4310	2.6000	38.9000	50.7200	1.9010		
26/08/2017	93.1673	0.4892	0.1512	0.6405	4.5374	243.5772	3.1700	39.2400	50.8800	2.6668		
27/08/2017	93.3352	0.4951	0.1751	0.6807	4.0011	248.7664	2.3100	38.9200	50.5700	1.9460		
28/08/2017	93.0648	0.7435	0.2166	1.0047	3.9717	252.2600	2.7000	38.8400	50.5000	1.7207		
29/08/2017	93.6060	0.7145	0.2489	0.9829	4.3545	254.5419	2.8900	38.9800	50.6800	1.6757		
30/08/2017	93.1375	0.4896	0.1861	0.6804	4.3174	249.3080	2.7700	39.0400	50.7200	1.3603		
31/08/2017	92.8434	0.5178	0.1721	0.6993	4.4072	248.4104	2.2200	39.0400	50.6400	1.4504		

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Mínimo	92.8434	0.3238	0.1210	0.4448	3.2861	243.5772	1.9300	38.4700	50.4200	1.3603		
Promedio	94.3977	0.6199	0.2145	0.8450	3.6772	250.8823	2.4977	38.7552	50.5987	2.7439		
Máximo	95.3222	0.7435	0.2489	1.0047	4.5374	254.5419	3.6500	39.2400	50.8800	3.5228		
Desv. Est.	0.71070	0.08158	0.02847	0.11084	0.33684	2.43351	0.41692	0.17903	0.09468	0.62461		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.