



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.
01/09/2018	94.5963	0.8586	0.2377	1.0963	3.7908	276.3179	19.8700	38.8300	50.5600	0.8595		
02/09/2018	94.9190	0.8350	0.2365	1.0715	3.5317	275.2080	20.0700	38.7200	50.5200	0.9046		
03/09/2018	95.0769	0.8053	0.2386	1.0439	3.4636	274.5158	19.9100	38.6700	50.5100	0.8684		
04/09/2018	95.1317	0.7733	0.2289	1.0022	3.4451	274.6262	19.8200	38.6900	50.5500	0.9034		
05/09/2018	95.0402	0.7144	0.2184	0.9327	3.6119	267.9362	19.9400	38.7500	50.6300	0.9428		
06/09/2018	95.0521	0.7050	0.2029	0.9079	3.5201	269.2685	19.8500	38.8200	50.6800	0.8173		
07/09/2018	94.8040	0.7391	0.2118	0.9509	3.8078	267.4718	20.5800	38.8100	50.6500	0.7921		
08/09/2018	95.1632	0.7756	0.2329	1.0085	3.4462	264.0252	20.0900	38.6500	50.5300	0.7102		
09/09/2018	95.7186	0.7761	0.2375	1.0136	2.8963	263.0929	19.9600	38.4700	50.4300	0.6293		
10/09/2018	95.8086	0.7409	0.2274	0.9683	2.8429	261.4929	19.8800	38.4800	50.4600	0.5232		
11/09/2018	95.3856	0.8386	0.2339	1.0725	2.9488	264.6784	21.4400	38.6200	50.4700	0.5232		
12/09/2018	95.6520	0.6979	0.2016	0.8995	3.0019	260.7489	21.4400	38.6334	50.6079	0.5265		
13/09/2018	95.1010	0.6587	0.2068	0.8655	3.3767	265.7181	21.4400	38.8989	50.7825	0.6982		
14/09/2018	94.9953	0.7762	0.2349	1.0111	3.2946	270.2948	21.4400	38.8556	50.6630	0.7211		
15/09/2018	95.0821	0.8213	0.2381	1.0594	3.2239	269.4674	21.4400	38.7725	50.5833	0.7689		
16/09/2018	95.1275	0.8584	0.2317	1.0902	3.2066	267.0067	21.4400	38.7125	50.5266	0.7448		
17/09/2018	95.2948	0.8532	0.2344	1.0876	3.0689	270.9522	21.4400	38.6582	50.4981	0.2717		
18/09/2018	95.0619	0.8229	0.2194	1.0424	3.2514	266.5732	21.4400	38.7868	50.5988	0.2717		
19/09/2018	95.1786	0.8248	0.2293	1.0541	3.1663	268.1804	21.4400	38.7375	50.5650	0.2717		
20/09/2018	95.1983	0.8602	0.2473	1.1076	3.1294	265.1824	21.1400	38.6500	50.4500	0.1032		
21/09/2018	95.4702	0.8233	0.2464	1.0697	2.9492	262.8599	20.7600	38.5700	50.4400	0.5388		
22/09/2018	95.6042	0.8499	0.2521	1.1020	2.7993	263.4483	21.5900	38.5000	50.3800	0.5236		
23/09/2018	95.4780	0.8501	0.2465	1.0966	2.9049	262.9158	22.2300	38.5500	50.4100	0.5216		
24/09/2018	95.1729	0.8702	0.2468	1.1170	3.1906	263.5792	20.7400	38.6200	50.4300	0.5314		
25/09/2018	95.3097	0.8741	0.2415	1.1156	3.0362	264.6484	20.1800	38.5900	50.4200	0.7605		
26/09/2018	95.3100	0.8497	0.2457	1.0955	3.0513	263.8281	20.2600	38.6100	50.4400	0.6982		
27/09/2018	95.1875	0.8041	0.2336	1.0377	3.1386	263.2760	19.7700	38.7100	50.5400	0.5183		
28/09/2018	95.2363	0.7884	0.2389	1.0273	3.1133	262.4731	18.9500	38.6900	50.5400	0.7021		
29/09/2018	95.1111	0.7880	0.2409	1.0289	3.2473	262.5183	19.1100	38.7300	50.5600	0.7608		
30/09/2018	95.3100	0.8575	0.2520	1.1095	3.0329	262.9989	19.7400	38.5900	50.4200	0.6477		

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

Mínimo	94.5963	0.6587	0.2016	0.8655	2.7993	260.7489	18.9500	38.4700	50.3800	0.1032		
Promedio	95.2193	0.8030	0.2331	1.0362	3.2163	266.5101	20.5800	38.6792	50.5282	0.6352		
Máximo	95.8086	0.8741	0.2521	1.1170	3.8078	276.3179	22.2300	38.8989	50.7825	0.9428		
Desv. Est.	0.26230	0.05747	0.01367	0.06915	0.26734	4.35520	0.85218	0.10993	0.09455	0.20877		

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 Rocío (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.
01/09/2018	94.7798	0.9165	0.2607	1.1707	3.8813	278.3821	21.7300	38.8700	50.6300	1.0019		
02/09/2018	95.1780	0.8933	0.2497	1.1324	3.6821	276.4878	21.3300	38.7900	50.5700	1.0740		
03/09/2018	95.2668	0.8808	0.2535	1.1207	3.5964	276.0843	21.1200	38.7200	50.5600	1.0650		
04/09/2018	95.2654	0.8553	0.2484	1.1035	3.7160	276.2914	21.3300	38.7700	50.7000	1.2452		
05/09/2018	95.3735	0.7939	0.2647	1.0377	4.0829	285.4418	21.3300	38.9400	50.7800	7.6696		
06/09/2018	95.4990	0.7859	0.2734	1.0040	4.0435	285.2781	97.0000	39.1800	50.8900	1.0470		
07/09/2018	95.0725	0.7722	0.2234	0.9838	4.2689	284.4044	22.0300	39.0600	50.9100	0.9839		
08/09/2018	95.6610	0.8208	0.2514	1.0617	3.8784	270.1773	21.4300	38.7900	50.7100	0.8848		
09/09/2018	95.8671	0.8090	0.2470	1.0518	3.0024	264.8877	21.3300	38.5300	50.4600	0.7947		
10/09/2018	95.8800	0.7832	0.2429	1.0233	2.9481	263.8785	98.5100	38.5300	50.4800	0.6685		
11/09/2018	95.8499	0.8942	0.2516	1.1340	3.0760	267.9982	45.8500	38.7000	50.5900	0.6865		
12/09/2018	95.8499	0.8484	0.2485	1.0969	3.3467	266.5926	45.8500	38.9639	50.9385	0.7123		
13/09/2018	95.6264	0.7767	0.4119	1.1887	3.8936	271.5959	45.8500	39.1550	50.9437	0.8509		
14/09/2018	95.1932	0.8194	0.2633	1.0826	3.7188	273.5698	45.8500	39.1289	50.9072	0.7867		
15/09/2018	95.1780	0.8583	0.2532	1.1116	3.3043	272.1697	45.8500	38.8463	50.6341	0.8294		
16/09/2018	95.2307	0.8919	0.2408	1.1327	3.2902	268.4554	45.8500	38.8168	50.6296	0.8300		
17/09/2018	95.3853	0.8825	0.2448	1.1273	3.2599	267.9901	45.8500	38.7440	50.5548	0.6805		
18/09/2018	95.3124	0.8541	0.2370	1.0912	3.3286	269.2274	45.8500	38.8236	50.6238	0.6805		
19/09/2018	95.4951	0.9057	0.2771	1.1828	3.6307	273.8464	45.8500	38.8713	50.6568	0.6805		
20/09/2018	95.3780	0.9715	0.2620	1.2048	3.7361	268.7926	45.5500	38.7700	50.5100	0.4937		
21/09/2018	95.6448	0.8820	0.2591	1.1372	3.1469	265.1780	25.0400	38.7200	50.5400	0.6010		
22/09/2018	95.7297	0.8854	0.2981	1.1449	3.0092	268.9690	39.0100	38.6200	50.4700	0.5638		
23/09/2018	95.6205	1.0055	0.2661	1.2415	3.9276	265.6451	44.6400	38.7300	50.4400	0.0288		
24/09/2018	95.6709	0.9262	0.2647	1.1721	3.7654	266.4568	47.0500	38.7900	50.5400	1.0470		
25/09/2018	95.5680	0.9183	0.2538	1.1634	3.4644	266.2556	24.7400	38.6900	50.4800	0.8758		
26/09/2018	95.3885	0.8880	0.2568	1.1356	3.2293	267.8022	97.1000	38.6800	50.5100	0.8848		
27/09/2018	95.3115	0.8812	0.2522	1.1294	3.3084	267.5727	94.7900	38.7600	50.5900	0.7226		
28/09/2018	95.4419	0.8803	0.2647	1.1382	3.3803	264.7509	20.2200	38.8500	50.6800	0.8938		
29/09/2018	95.2339	0.8194	0.2584	1.0591	3.5950	264.1328	20.5200	38.8400	50.6200	0.9388		
30/09/2018	95.6893	0.9481	0.2749	1.2011	3.3811	265.3902	94.5900	38.9100	50.7100	0.8397		

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Mínimo	94.7798	0.7722	0.2234	0.9838	2.9481	263.8785	20.2200	38.5300	50.4400	0.0288		
Promedio	95.4547	0.8683	0.2618	1.1188	3.5298	270.7902	44.4347	38.8197	50.6419	1.0354		
Máximo	95.8800	1.0055	0.4119	1.2415	4.2689	285.4418	98.5100	39.1800	50.9437	7.6696		
Desv. Est.	0.26578	0.05796	0.03157	0.06144	0.34965	6.25854	26.07387	0.16076	0.15013	1.27298		

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.
01/09/2018	94.4654	0.8028	0.2260	1.0409	3.6166	275.4949	18.0100	38.7700	50.4900	0.7046		
02/09/2018	94.6894	0.7791	0.2271	1.0153	3.3594	273.2151	18.4100	38.6400	50.4700	0.7496		
03/09/2018	94.9371	0.7470	0.2299	0.9805	3.3279	272.2871	18.2100	38.6100	50.4300	0.7136		
04/09/2018	94.8620	0.6440	0.1981	0.8421	3.3332	269.5008	18.0100	38.6300	50.4500	0.7406		
05/09/2018	94.5657	0.6543	0.1986	0.8559	3.3255	257.8167	17.7100	38.6500	50.5200	0.7406		
06/09/2018	94.3911	0.6052	0.1726	0.7778	3.1450	257.6543	17.7100	38.5800	50.4800	0.7406		
07/09/2018	94.3312	0.5855	0.1762	0.7617	3.5911	260.1970	18.8100	38.7200	50.5800	0.6055		
08/09/2018	94.7223	0.6446	0.1946	0.8392	2.9301	258.1832	18.6100	38.4800	50.4000	0.5604		
09/09/2018	95.6190	0.7559	0.2285	0.9870	2.7577	261.0111	18.4100	38.4200	50.3800	0.4793		
10/09/2018	95.6753	0.7151	0.2148	0.9425	2.7850	258.4211	18.4100	38.4500	50.4000	0.4793		
11/09/2018	95.1836	0.6556	0.1943	0.8626	2.7256	258.2869	11.7800	38.3800	50.3200	0.4793		
12/09/2018	95.3951	0.3974	0.1321	0.5295	2.7256	257.4971	11.7800	38.4180	50.3734	0.2973		
13/09/2018	94.4484	0.6183	0.1927	0.8110	2.9843	260.7220	11.7800	38.6432	50.6236	0.5562		
14/09/2018	94.5198	0.6542	0.2157	0.8699	3.1359	264.9006	11.7800	38.7868	50.6270	0.6462		
15/09/2018	94.9774	0.7878	0.2221	1.0099	3.1321	266.2255	11.7800	38.7147	50.5422	0.6831		
16/09/2018	95.0193	0.8050	0.2161	1.0211	3.1269	264.8127	11.7800	38.6524	50.4793	0.6095		
17/09/2018	95.0679	0.8351	0.2253	1.0603	2.9900	265.6454	11.7800	38.6197	50.4713	0.0847		
18/09/2018	94.9698	0.7999	0.2064	1.0062	3.0357	263.7612	11.7800	38.6603	50.4995	0.0847		
19/09/2018	94.7400	0.7723	0.2117	0.9840	2.8420	262.5374	11.7800	38.6235	50.5010	0.0847		
20/09/2018	94.5246	0.8204	0.2334	1.0582	2.9715	262.4889	10.1700	38.5900	50.4100	0.6505		
21/09/2018	95.1867	0.7923	0.2334	1.0340	2.8012	260.3844	9.7700	38.5200	50.3800	0.4433		
22/09/2018	95.3308	0.8026	0.2311	1.0551	2.6912	260.5637	11.9800	38.4300	50.3100	0.4688		
23/09/2018	94.4013	0.8147	0.2320	1.0601	2.7704	260.0090	12.1800	38.5000	50.3700	0.4543		
24/09/2018	94.6085	0.8304	0.2316	1.0665	2.7422	260.1894	13.9900	38.5000	50.3700	0.6505		
25/09/2018	94.8641	0.8351	0.2303	1.0655	2.8020	262.7592	9.7700	38.5300	50.3800	0.6505		
26/09/2018	95.1435	0.8137	0.2362	1.0500	2.9830	261.7593	9.7700	38.5600	50.3900	0.5334		
27/09/2018	95.0129	0.7597	0.2078	0.9824	3.0443	261.1495	9.7700	38.5900	50.4100	0.5334		
28/09/2018	94.9298	0.7148	0.2259	0.9410	2.9409	259.5777	17.3100	38.5300	50.3700	0.5334		
29/09/2018	94.7504	0.7363	0.2301	0.9750	3.1299	259.0044	17.6100	38.6900	50.5200	0.5694		
30/09/2018	94.8641	0.7253	0.2252	0.9504	2.7449	260.2266	17.6100	38.4300	50.2800	0.4613		

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Mínimo	94.3312	0.3974	0.1321	0.5295	2.6912	257.4971	9.7700	38.3800	50.2800	0.0847		
Promedio	94.8732	0.7301	0.2133	0.9479	3.0164	262.5427	14.2750	38.5773	50.4409	0.5330		
Máximo	95.6753	0.8351	0.2362	1.0665	3.6166	275.4949	18.8100	38.7868	50.6270	0.7496		
Desv. Est.	0.35485	0.09837	0.02319	0.12157	0.25711	4.72405	3.48833	0.10911	0.08726	0.18748		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.