

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL
(Valores promedio diarios)

PERMISIONARIO: **TRACTEBEL DIGAQRO, S.A. de C.V.**
 PUNTO DE MEDICIÓN: **La Lira**
 ZONA DE MEDICIÓN: **SUR**



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)
	83.0 MÍN.	3.0 MÁX.	6.0 MÁX.	6.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	36.8 MÍN.	47.3 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/05/2019	95.9425	0.8527	0.3317	1.1844	2.7335	247.2735	19.7600	38.1800	50.1500	0.7128		
02/05/2019	95.9906	0.8711	0.3641	1.2351	2.6344	248.3217	21.9900	38.1300	50.1100	0.7367		
03/05/2019	95.9090	0.8459	0.3646	1.2105	2.7386	248.1790	22.7300	38.1800	50.1400	0.7295		
04/05/2019	95.8522	0.8545	0.3471	1.2016	2.8142	247.7674	22.6300	38.1900	50.1500	0.8076		
05/05/2019	95.7058	0.8490	0.3499	1.1989	2.9577	245.5547	22.4800	38.2400	50.1800	0.7478		
06/05/2019	95.7831	0.8457	0.3447	1.1905	2.8863	243.6874	20.9500	38.2200	50.1700	0.6962		
07/05/2019	95.7480	0.8575	0.3087	1.1662	2.9369	246.4729	21.0900	38.2500	50.2100	0.6607		
08/05/2019	95.7312	0.8900	0.3511	1.2412	2.8724	248.1679	19.9300	38.2100	50.1500	0.6165		
09/05/2019	95.7824	0.8828	0.3292	1.2120	2.8664	246.7710	19.8500	38.2100	50.1500	0.6061		
10/05/2019	95.8024	0.9013	0.3453	1.2466	2.8032	247.4752	21.0300	38.1900	50.1300	0.6490		
11/05/2019	95.6390	0.8876	0.3576	1.2452	2.9595	246.5641	21.6300	38.2200	50.1400	0.6801		
12/05/2019	95.6652	0.8528	0.3961	1.2489	2.9272	245.9369	20.4400	38.2200	50.1500	0.6758		
13/05/2019	95.6937	0.8464	0.3874	1.2338	2.9438	246.0806	19.3000	38.2200	50.1600	0.6660		
14/05/2019	95.6021	0.8638	0.3658	1.2295	3.0137	247.6296	18.3800	38.2500	50.1600	0.7111		
15/05/2019	95.7621	0.8933	0.3216	1.2149	2.8687	247.6697	18.2600	38.2200	50.1500	0.6724		
16/05/2019	95.6996	0.8482	0.3635	1.2117	2.9262	248.7250	18.9200	38.2400	50.1900	0.6359		
17/05/2019	95.6460	0.8941	0.3692	1.2634	2.9294	248.5736	18.6500	38.2200	50.1300	0.6615		
18/05/2019	95.7273	0.8617	0.3819	1.2437	2.8795	246.7959	18.9100	38.2100	50.1300	0.6387		
19/05/2019	95.6492	0.8685	0.3674	1.2359	2.9563	246.3220	20.7000	38.2500	50.1600	0.5979		
20/05/2019	95.7421	0.8231	0.3624	1.1855	2.9312	246.9402	21.2100	38.2300	50.2000	0.5940		
21/05/2019	95.7335	0.7865	0.3392	1.1256	2.9824	247.4193	21.8200	38.2800	50.2700	0.6065		
22/05/2019	95.8913	0.8665	0.3084	1.1749	2.7881	246.9957	21.7100	38.2100	50.1700	0.6111		
23/05/2019	95.7954	0.8789	0.3048	1.1838	2.8537	249.2015	23.2400	38.2300	50.1800	0.5599		
24/05/2019	95.7796	0.8105	0.3354	1.1461	2.9159	247.8270	16.1200	38.2500	50.2300	0.5599		
25/05/2019	95.7636	0.8522	0.3073	1.1596	2.9126	247.3786	24.2200	38.2400	50.2100	0.4525		
26/05/2019	95.8291	0.8965	0.2941	1.1905	2.8349	247.0178	25.2400	38.2200	50.1600	0.5272		
27/05/2019	95.8665	0.8713	0.3070	1.1783	2.8144	248.8042	24.7000	38.2100	50.1700	0.5035		
28/05/2019	95.7006	0.8607	0.2882	1.1489	2.9420	250.1968	23.5800	38.2900	50.2400	0.4554		
29/05/2019	95.8201	0.8585	0.2863	1.1449	2.8711	249.9264	24.4300	38.2500	50.2200	0.4345		
30/05/2019	95.9170	0.8412	0.2848	1.1261	2.8077	249.9157	23.9700	38.2300	50.2200	0.3964		
31/05/2019	95.9552	0.7986	0.2981	1.0966	2.8168	249.0781	23.7100	38.2400	50.2400	0.3542		

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

Mínimo	95.6021	0.7865	0.2848	1.0966	2.6344	243.6874	16.1200	38.1300	50.1100	0.3542		
Promedio	95.7782	0.8584	0.3375	1.1960	2.8748	247.5700	21.3413	38.2235	50.1748	0.6115		
Máximo	95.9906	0.9013	0.3961	1.2634	3.0137	250.1968	25.2400	38.2900	50.2700	0.8076		
Desv. Est.	0.10041	0.02741	0.03188	0.04238	0.08283	1.39508	2.22246	0.03061	0.03889	0.10882		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.**

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL

(Registros Máximos diarios)

PERMISIONARIO: TRACTEBEL DIGAQRO, S.A. de C.V.
 PUNTO DE MEDICIÓN: La Lira
 ZONA DE MEDICIÓN: SUR



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)
	83.0 MÍN.	3.0 MÁX.	6.0 MÁX.	6.0 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.
01/05/2019	96.0587	0.9079	0.4307	1.2707	2.8868	252.0647	21.8300	38.2400	50.2000	0.8758		
02/05/2019	96.1604	0.9173	0.4026	1.2855	2.9365	251.2953	24.1400	38.2100	50.1600	1.0019		
03/05/2019	96.0786	0.8726	0.4097	1.2670	2.9253	250.9015	24.7400	38.2700	50.2300	0.8848		
04/05/2019	95.9791	0.8888	0.3863	1.2525	3.0202	250.3997	24.1400	38.2600	50.2200	0.9749		
05/05/2019	95.8641	0.8954	0.3863	1.2387	3.1768	248.7847	24.0400	38.3000	50.2400	0.9298		
06/05/2019	95.9844	0.9127	0.3980	1.2447	3.1997	246.9090	22.2300	38.3200	50.2700	0.8758		
07/05/2019	95.9341	0.9029	0.3361	1.2014	3.2064	248.5035	22.9300	38.3600	50.2700	0.8848		
08/05/2019	95.9746	0.9850	0.4169	1.3171	3.1740	251.4064	21.7300	38.3900	50.2600	0.8127		
09/05/2019	95.9782	0.9511	0.3799	1.2910	3.0972	255.5898	21.2300	38.3100	50.2300	0.7767		
10/05/2019	95.9813	0.9594	0.3952	1.2861	3.0068	250.1751	22.9300	38.2800	50.1900	0.8217		
11/05/2019	95.9333	0.9384	0.4272	1.2962	3.2443	251.3667	23.3400	38.3200	50.2200	0.8758		
12/05/2019	95.9518	0.9240	0.4254	1.2914	3.4151	249.0953	22.0300	38.4200	50.2700	0.9298		
13/05/2019	95.8341	0.9234	0.4590	1.2862	3.0526	248.9577	20.7200	38.2700	50.2100	0.8397		
14/05/2019	95.8421	0.8903	0.4039	1.2713	3.1857	250.3132	321.6200	38.3100	50.2300	1.0109		
15/05/2019	95.9391	0.9371	0.3705	1.2537	3.0197	250.8552	19.4200	38.2600	50.2100	0.8127		
16/05/2019	95.8864	0.9171	0.4423	1.2391	3.2380	250.7519	20.5200	38.4900	50.3200	0.8938		
17/05/2019	95.9103	0.9604	0.4191	1.3244	3.1876	252.7312	20.3200	38.3100	50.2100	1.9840		
18/05/2019	95.8424	0.9442	0.4470	1.3345	3.0897	250.2477	20.3200	38.2900	50.2100	1.9840		
19/05/2019	95.8660	0.9028	0.4035	1.2706	3.3846	249.0006	331.1700	38.3700	50.2400	0.7767		
20/05/2019	95.9434	0.8642	0.3903	1.2384	3.0724	251.3391	22.8300	38.2900	50.2700	0.8307		
21/05/2019	95.8458	0.8759	0.3828	1.1873	3.1010	249.8457	23.0300	38.3200	50.3100	0.7676		
22/05/2019	95.9985	0.9363	0.3600	1.2193	2.9221	249.9680	23.0300	38.2700	50.2300	1.1190		
23/05/2019	95.9376	0.9320	0.3692	1.2319	3.0947	251.9271	25.5500	38.3000	50.2600	0.7316		
24/05/2019	95.8898	0.8759	0.3771	1.2101	3.1933	251.3760	26.4500	38.3400	50.3000	0.5694		
25/05/2019	96.0313	0.9365	0.3453	1.2444	3.3866	252.9871	321.8200	38.4900	50.3600	0.5874		
26/05/2019	95.9239	0.9335	0.3261	1.2387	2.9802	250.8551	26.9500	38.3300	50.2400	0.6325		
27/05/2019	95.9729	0.9065	0.3660	1.2126	3.0922	250.8409	26.3500	38.3000	50.2300	0.6145		
28/05/2019	95.9247	0.8943	0.3089	1.1895	3.1859	257.7101	25.0400	38.5200	50.3700	0.5244		
29/05/2019	95.9606	0.9049	0.3117	1.1945	3.0244	251.4290	26.0500	38.3000	50.2600	1.9660		
30/05/2019	96.0665	0.8896	0.3210	1.1760	2.9572	251.7381	28.1600	38.2800	50.2600	0.5604		
31/05/2019	96.0280	0.8415	0.3210	1.1362	2.9898	251.7867	25.0400	38.3000	50.3200	0.4703		

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Mínimo	95.8341	0.8415	0.3089	1.1362	2.8868	246.9090	19.4200	38.2100	50.1600	0.4703		
Promedio	95.9523	0.9136	0.3845	1.2484	3.1112	251.0049	52.5710	38.3232	50.2516	0.9136		
Máximo	96.1604	0.9850	0.4590	1.3345	3.4151	257.7101	331.1700	38.5200	50.3700	1.9840		
Desv. Est.	0.07735	0.03157	0.04104	0.04634	0.13830	2.01087	90.64047	0.07245	0.04797	0.38593		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.

INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL
(Registros Mínimos diarios)

PERMISIONARIO: TRACTEBEL DIGAQRO, S.A. de C.V.
 PUNTO DE MEDICIÓN: La Lira
 ZONA DE MEDICIÓN: SUR



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)
	83.0 MÍN.	3.0 MÁX.	6.0 MÁX.	6.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	36.8 MÍN.	47.3 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/05/2019	95.7793	0.7840	0.2995	1.1313	2.6294	244.7116	17.8100	38.1300	50.0800	0.5514		
02/05/2019	95.6803	0.8398	0.3407	1.2010	2.4846	244.9217	19.2200	38.0900	50.0600	0.4703		
03/05/2019	95.6936	0.7994	0.3161	1.1425	2.6022	245.1125	20.9200	38.1300	50.0900	0.4883		
04/05/2019	95.6804	0.8203	0.3047	1.1618	2.6686	245.1933	20.9200	38.1400	50.1000	0.5063		
05/05/2019	95.5071	0.7971	0.3004	1.1582	2.7740	242.8088	21.3300	38.1700	50.1300	0.5964		
06/05/2019	95.4275	0.8022	0.2674	1.1152	2.6574	241.0535	18.9100	38.1400	50.1100	0.4433		
07/05/2019	95.4080	0.8201	0.2676	1.1164	2.7799	244.1059	19.0100	38.1900	50.1600	0.3892		
08/05/2019	95.2552	0.8378	0.2850	1.1690	2.6022	245.3555	18.4100	38.0900	50.0300	0.3712		
09/05/2019	95.5188	0.8278	0.2880	1.1627	2.6853	244.1722	18.5100	38.1300	50.0600	0.3442		
10/05/2019	95.5526	0.8678	0.2953	1.2048	2.6104	245.0837	18.9100	38.1200	50.0600	0.4613		
11/05/2019	95.3817	0.8229	0.2991	1.2138	2.6372	243.8670	20.0200	38.1200	50.0700	0.4703		
12/05/2019	95.0734	0.8100	0.3454	1.1920	2.6590	243.1432	18.4100	38.1200	50.0600	0.4433		
13/05/2019	95.5596	0.7981	0.3430	1.1823	2.7774	243.9488	17.6100	38.1600	50.1100	0.4343		
14/05/2019	95.4153	0.8134	0.3032	1.1656	2.8436	245.4684	17.6100	38.2000	50.1200	0.4343		
15/05/2019	95.5753	0.8478	0.2880	1.1634	2.6578	244.8154	16.7000	38.1500	50.1100	0.4973		
16/05/2019	95.1559	0.7662	0.2941	1.1820	2.7801	246.7535	17.2100	38.1800	50.1200	0.4613		
17/05/2019	95.3442	0.8117	0.3400	1.2147	2.6328	244.5856	16.9000	38.0900	50.0300	0.4252		
18/05/2019	95.5176	0.8288	0.2975	1.1929	2.6880	244.1630	17.2100	38.1200	50.0300	0.3892		
19/05/2019	95.1868	0.8415	0.3361	1.2073	2.7595	244.2113	17.2100	38.1600	50.1000	0.3892		
20/05/2019	95.5608	0.7642	0.3210	1.0986	2.7953	244.5344	19.0100	38.1900	50.1400	0.3802		
21/05/2019	95.6343	0.7357	0.2929	1.0810	2.8151	244.8876	20.4200	38.2200	50.1800	0.3892		
22/05/2019	95.7391	0.7910	0.2608	1.1286	2.6527	244.3618	20.3200	38.1600	50.1100	0.4072		
23/05/2019	95.5240	0.8385	0.2507	1.1226	2.7160	246.3727	20.6200	38.1800	50.1300	0.4162		
24/05/2019	95.5543	0.7643	0.2920	1.0962	2.8098	244.8372	20.6200	38.2200	50.1700	0.4162		
25/05/2019	95.1987	0.7815	0.2677	1.1022	2.6833	243.7127	20.6200	38.1500	50.1000	0.4162		
26/05/2019	95.6451	0.8640	0.2648	1.1556	2.7475	244.2473	22.9300	38.1700	50.1200	0.3982		
27/05/2019	95.5527	0.8294	0.2563	1.1394	2.7206	247.1545	22.1300	38.1700	50.1400	0.3712		
28/05/2019	95.2532	0.8155	0.2712	1.0973	2.8007	244.0670	21.5300	38.2100	50.1700	0.3622		
29/05/2019	95.6350	0.8180	0.2658	1.1086	2.7459	247.9857	22.1300	38.2100	50.1600	0.2991		
30/05/2019	95.7406	0.7915	0.2578	1.0738	2.6913	248.2070	21.7300	38.1900	50.1700	0.1549		
31/05/2019	95.8160	0.7237	0.2770	1.0431	2.7312	246.0952	21.9300	38.1900	50.2000	0.2450		

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Mínimo	95.0734	0.7237	0.2507	1.0431	2.4846	241.0535	16.7000	38.0900	50.0300	0.1549		
Promedio	95.5021	0.8082	0.2932	1.1459	2.7045	244.8367	19.5748	38.1577	50.1103	0.4136		
Máximo	95.8160	0.8678	0.3454	1.2147	2.8436	248.2070	22.9300	38.2200	50.2000	0.5964		
Desv. Est.	0.19533	0.03383	0.02771	0.04541	0.08053	1.44509	1.81017	0.03792	0.04622	0.08379		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.