

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.
01/08/2018	96.2503	0.9236	0.2368	1.1604	2.4392	251.0600	39.7300	38.1200	50.1200	0.1115		
02/08/2018	96.0625	0.9205	0.2393	1.1598	2.6029	251.6109	37.9000	38.1800	50.1500	0.0994		
03/08/2018	96.0521	0.9659	0.2375	1.2035	2.5728	251.2031	35.3800	38.1500	50.1100	0.1123		
04/08/2018	95.3984	0.9675	0.2329	1.2003	3.2028	251.0817	36.7600	38.3400	50.2200	0.1265		
05/08/2018	95.2141	0.9571	0.2682	1.2254	3.3404	252.0843	36.0800	38.3900	50.2400	0.1186		
06/08/2018	95.1586	0.9279	0.2814	1.2093	3.4225	251.9293	37.2400	38.4100	50.2700	0.1412		
07/08/2018	95.3337	0.9489	0.2704	1.2193	3.2380	250.6994	36.2600	38.3500	50.2200	0.1333		
08/08/2018	95.2963	0.9512	0.2626	1.2139	3.2766	250.0799	34.8900	38.3700	50.2300	0.1250		
09/08/2018	95.2892	0.9618	0.2748	1.2367	3.2786	251.0800	35.9000	38.3600	50.2100	0.1147		
10/08/2018	95.0165	0.9308	0.2962	1.2270	3.5549	250.9220	35.9700	38.4500	50.2800	0.1201		
11/08/2018	94.8618	0.9935	0.2648	1.2583	3.6529	248.6984	33.0300	38.4700	50.2600	0.0777		
12/08/2018	94.9402	0.9577	0.2966	1.2543	3.5836	251.9709	33.0300	38.4851	50.3004	0.0777		
13/08/2018	94.9402	0.9577	0.2966	1.2543	3.5836	251.9709	33.0300	38.4851	50.3004	0.0777		
14/08/2018	94.9402	0.9577	0.2966	1.2543	3.5836	251.9709	33.0300	38.4851	50.3004	0.0777		
15/08/2018	95.0326	0.8905	0.2853	1.1758	3.5431	247.9226	32.8700	38.4900	50.3100	0.1570		
16/08/2018	95.0185	0.9170	0.2949	1.2118	3.5516	248.9091	33.3200	38.4500	50.2800	0.1397		
17/08/2018	95.2358	0.9759	0.2645	1.2403	3.3279	249.4693	33.9900	38.3800	50.2000	0.1608		
18/08/2018	95.2333	0.9713	0.2673	1.2387	3.3428	250.0332	35.4200	38.3600	50.2000	0.1656		
19/08/2018	95.4607	1.0150	0.2584	1.2734	3.0553	251.2130	37.8000	38.2800	50.1300	0.1368		
20/08/2018	95.8612	0.9908	0.2536	1.2444	2.7246	250.2179	39.9300	38.1800	50.1000	0.1208		
21/08/2018	95.9239	0.9948	0.2489	1.2436	2.6585	249.8841	40.4400	38.1600	50.0800	0.1124		
22/08/2018	95.9715	1.0216	0.2459	1.2675	2.6000	250.4611	41.3900	38.1300	50.0400	0.1299		
23/08/2018	95.9053	1.0124	0.2130	1.2255	2.6633	253.8954	42.3600	38.2000	50.1100	0.1141		
24/08/2018	96.0868	0.9863	0.1811	1.1674	2.5869	255.6178	44.2700	38.1700	50.1300	0.0910		
25/08/2018	96.1666	1.0117	0.1882	1.1999	2.4989	252.0916	52.7500	38.1300	50.0800	0.0950		
26/08/2018	96.2140	1.0253	0.1721	1.1975	2.4391	252.0060	48.5100	38.1000	50.0700	0.1079		
27/08/2018	96.0316	1.0381	0.1766	1.2145	2.5921	252.8343	44.7600	38.1300	50.0900	0.1139		
28/08/2018	96.0307	0.9858	0.2014	1.1871	2.6292	252.4203	43.9900	38.1500	50.1200	0.0754		
29/08/2018	95.9740	1.0353	0.1882	1.2235	2.6431	252.3218	44.5400	38.1600	50.0900	0.0883		
30/08/2018	95.6987	1.0115	0.2578	1.2693	2.8564	251.6261	40.4700	38.2000	50.1000	0.0952		
31/08/2018	95.5930	1.0206	0.2862	1.3067	2.9309	252.3642	38.6400	38.2300	50.0900	0.1323		

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

Mínimo	94.8618	0.8905	0.1721	1.1598	2.4391	247.9226	32.8700	38.1000	50.0400	0.0754		
Promedio	95.5546	0.9750	0.2496	1.2246	3.0315	251.2790	38.5058	38.2886	50.1752	0.1145		
Máximo	96.2503	1.0381	0.2966	1.3067	3.6529	255.6178	52.7500	38.4900	50.3100	0.1656		
Desv. Est.	0.46261	0.03847	0.03870	0.03488	0.42475	1.52459	4.95696	0.13733	0.08502	0.02509		

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.
01/08/2018	96.4343	0.9609	0.2575	1.2008	2.6293	252.7791	42.5300	38.2100	50.2300	0.2000		
02/08/2018	96.2326	0.9850	0.2664	1.2211	2.7630	254.0890	40.6200	38.2400	50.2100	0.1820		
03/08/2018	96.3304	1.0196	0.2703	1.2645	3.2166	253.4055	36.9000	38.3500	50.2300	0.1910		
04/08/2018	95.5778	1.0115	0.2538	1.2430	3.5831	253.2708	38.5100	38.4500	50.2800	0.1910		
05/08/2018	95.3613	0.9875	0.2899	1.2774	3.5220	253.7385	38.2100	38.4500	50.2900	0.1730		
06/08/2018	95.3237	0.9519	0.2995	1.2451	3.6694	254.5549	38.9100	38.5000	50.3300	0.2090		
07/08/2018	95.4659	0.9766	0.2906	1.2552	3.3845	252.4577	37.5100	38.3900	50.2700	0.2540		
08/08/2018	95.4698	1.0008	0.3002	1.2496	3.4971	251.7853	36.1000	38.4200	50.2600	0.2270		
09/08/2018	95.5503	1.0634	0.3190	1.3318	3.4773	254.3502	37.8100	38.4500	50.3000	0.2090		
10/08/2018	95.2604	1.1545	0.3946	1.4214	3.7391	254.6867	38.3100	38.5900	50.3600	0.2180		
11/08/2018	95.2923	1.0359	0.3180	1.3283	4.0438	253.9859	321.9200	38.6200	50.3700	0.2540		
12/08/2018	94.4361	1.0282	0.3180	1.3462	4.0438	253.9859	34.3900	38.6541	50.4077	0.2540		
13/08/2018	94.4361	1.0282	0.3180	1.3462	4.0438	253.9859	34.3900	38.6541	50.4077	0.2540		
14/08/2018	94.4361	1.0282	0.3180	1.3462	4.0438	253.9859	34.3900	38.6541	50.4077	0.2540		
15/08/2018	95.2927	0.9179	0.3255	1.2110	3.8044	249.8089	34.3900	38.6200	50.4100	0.2811		
16/08/2018	95.2227	0.9646	0.3320	1.2716	3.8144	250.2829	35.6000	38.5300	50.3400	0.2811		
17/08/2018	95.4624	1.0373	0.2904	1.3054	3.8162	251.5324	35.6000	38.5400	50.3400	0.2270		
18/08/2018	95.6874	1.0455	0.3401	1.3003	3.7407	251.9756	37.0000	38.5200	50.3400	0.2450		
19/08/2018	95.7729	1.0677	0.2909	1.3293	3.3832	253.1420	331.1700	38.3900	50.2100	0.2360		
20/08/2018	96.1275	1.0303	0.2923	1.2934	3.0219	251.7386	41.0200	38.2700	50.1500	0.1910		
21/08/2018	96.0422	1.0260	0.2667	1.2714	2.7965	251.3406	41.7300	38.2300	50.1300	0.1820		
22/08/2018	96.1831	1.0606	0.2757	1.3026	2.7992	253.2189	44.3400	38.2200	50.1100	0.2090		
23/08/2018	96.2202	1.0961	0.2865	1.3301	3.0210	259.6071	44.7400	38.3800	50.2900	0.2180		
24/08/2018	96.2585	1.0459	0.1998	1.2266	3.0341	261.6341	48.2600	38.4400	50.3200	0.1730		
25/08/2018	96.2767	1.0511	0.2046	1.2406	2.8523	254.0731	331.1700	38.2300	50.1500	0.1910		
26/08/2018	96.3699	1.0760	0.1965	1.2503	2.8898	254.9762	51.9800	38.2500	50.1500	0.2901		
27/08/2018	96.1707	1.0840	0.1992	1.2557	2.7306	255.2305	47.0500	38.1900	50.1400	0.2000		
28/08/2018	96.3404	1.0385	0.2191	1.2369	2.8878	254.4661	46.7500	38.2200	50.1800	0.1369		
29/08/2018	96.1978	1.0888	0.2118	1.2868	2.9277	254.2277	46.7500	38.2300	50.1400	0.1639		
30/08/2018	95.8273	1.0640	0.3042	1.3581	3.0089	254.2948	43.3400	38.2700	50.1500	0.1730		
31/08/2018	95.7651	1.0784	0.3398	1.3751	3.1477	253.7529	39.9200	38.2700	50.1400	0.2000		

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Mínimo	94.4361	0.9179	0.1965	1.2008	2.6293	249.8089	34.3900	38.1900	50.1100	0.1369		
Promedio	95.7040	1.0324	0.2835	1.2878	3.3333	253.7537	68.1068	38.4010	50.2595	0.2151		
Máximo	96.4343	1.1545	0.3946	1.4214	4.0438	261.6341	331.1700	38.6541	50.4100	0.2901		
Desv. Est.	0.57808	0.04898	0.04818	0.05320	0.45775	2.28377	86.63792	0.15605	0.09761	0.03781		

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.
01/08/2018	96.0177	0.8357	0.2061	1.0483	2.2395	248.8783	37.0000	38.0600	50.0700	0.0198		
02/08/2018	95.9171	0.8681	0.2120	1.1050	2.4360	249.8009	34.4900	38.1100	50.0900	0.0378		
03/08/2018	95.4148	0.9210	0.2023	1.1577	2.3186	249.1814	33.2900	38.0700	50.0400	0.0648		
04/08/2018	95.0441	0.9286	0.2046	1.1562	3.0395	249.4456	34.1900	38.2700	50.1500	0.0738		
05/08/2018	95.0688	0.9227	0.2260	1.1783	3.1871	250.2548	34.7900	38.3300	50.1800	0.0738		
06/08/2018	94.9217	0.8978	0.2610	1.1633	3.2561	250.5117	34.8900	38.3500	50.2100	0.0919		
07/08/2018	95.1817	0.9096	0.2436	1.1740	3.1346	249.3272	34.4900	38.3000	50.1800	0.0558		
08/08/2018	95.0601	0.8966	0.2274	1.1663	3.1526	248.0825	33.1800	38.3200	50.1900	0.0648		
09/08/2018	95.0676	0.8820	0.2373	1.1670	3.0145	249.1621	21.3300	38.2600	50.0900	0.0648		
10/08/2018	94.5987	0.8491	0.2524	1.1451	3.2897	247.7161	33.8900	38.3500	50.0700	0.0558		
11/08/2018	94.4361	0.9056	0.2416	1.1596	3.1570	226.7114	33.8900	38.3000	50.1200	0.0558		
12/08/2018	95.2923	0.9060	0.2623	1.1683	3.1570	250.3147	33.8900	38.3360	50.1658	0.0558		
13/08/2018	95.2923	0.9060	0.2623	1.1683	3.1570	250.3147	33.8900	38.3360	50.1658	0.0558		
14/08/2018	95.2923	0.9060	0.2623	1.1683	3.1570	250.3147	33.8900	38.3360	50.1658	0.0558		
15/08/2018	94.7360	0.8540	0.2484	1.1415	3.3288	245.9287	31.4800	38.3800	50.2500	0.0648		
16/08/2018	94.6776	0.8776	0.2640	1.1524	3.3341	247.2457	31.0700	38.3700	50.2100	0.0558		
17/08/2018	94.7616	0.9139	0.2331	1.1822	3.1039	247.0951	32.3800	38.2800	50.1200	0.0648		
18/08/2018	94.7946	0.8743	0.2260	1.1759	2.8566	248.1973	33.4900	38.2100	50.0900	0.0648		
19/08/2018	95.1381	0.9742	0.2144	1.2048	2.7056	249.8179	33.4900	38.1900	50.0700	0.0648		
20/08/2018	95.5456	0.9574	0.2039	1.1735	2.4963	248.8125	38.8100	38.1000	50.0400	0.0378		
21/08/2018	95.7315	0.9573	0.2277	1.1987	2.5611	247.3967	39.1100	38.1200	50.0500	0.0648		
22/08/2018	95.7315	0.9885	0.2193	1.2214	2.4047	247.9052	38.8100	38.0600	50.0000	0.0648		
23/08/2018	95.5025	0.9000	0.1373	1.0895	2.3768	249.3611	40.0200	38.0400	49.9600	0.0288		
24/08/2018	95.5271	0.9161	0.1567	1.1028	2.4004	252.6843	41.7300	38.0800	50.0400	0.0018		
25/08/2018	95.7950	0.9796	0.1650	1.1498	2.3860	250.0641	41.7300	38.0700	50.0300	0.0018		
26/08/2018	95.7398	0.9885	0.1418	1.1576	2.3266	249.0240	46.0500	38.0600	50.0300	0.0288		
27/08/2018	95.9062	0.9741	0.1531	1.1677	2.4740	250.5003	42.9300	38.1000	50.0400	0.0108		
28/08/2018	95.7218	0.9115	0.1605	1.1230	2.3488	250.4560	41.7300	38.0900	50.0600	0.0198		
29/08/2018	95.6830	0.9845	0.1476	1.1637	2.4301	250.6022	42.8300	38.0900	50.0000	0.0468		
30/08/2018	95.5564	0.9653	0.1878	1.1977	2.7292	250.2083	36.8000	38.1600	50.0300	0.0288		
31/08/2018	95.3228	0.9563	0.2441	1.2394	2.7746	249.6453	36.8000	38.1700	50.0300	0.0648		

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Mínimo	94.4361	0.8357	0.1373	1.0483	2.2395	226.7114	21.3300	38.0400	49.9600	0.0018		
Promedio	95.3057	0.9196	0.2139	1.1602	2.7979	248.5471	36.0116	38.2032	50.0948	0.0497		
Máximo	96.0177	0.9885	0.2640	1.2394	3.3341	252.6843	46.0500	38.3800	50.2500	0.0919		
Desv. Est.	0.42946	0.04328	0.03972	0.03773	0.37802	4.27352	4.73221	0.11856	0.07388	0.02234		

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