

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.
01/10/2018	96.2515	0.9971	0.2688	1.2659	2.2986	249.0535	28.5500	38.0400	50.0100	0.0734	<10.8	0.00
02/10/2018	96.3333	1.0145	0.2742	1.2887	2.2201	250.2031	29.5200	38.0100	49.9900	0.0655		
03/10/2018	96.2575	1.0173	0.2656	1.2829	2.2948	249.8637	32.2500	38.0400	49.9900	0.0580		
04/10/2018	96.3333	0.9872	0.2562	1.2434	2.2371	250.3244	31.6400	38.0300	50.0200	0.0466		
05/10/2018	96.4166	1.0039	0.2443	1.2482	2.1998	249.8729	29.7000	38.0000	49.9900	0.1946		
06/10/2018	96.3024	0.9958	0.2585	1.2542	2.2890	249.5526	30.1900	38.0300	50.0000	0.1722		
07/10/2018	96.3499	1.0125	0.2443	1.2568	2.2384	248.2074	29.3800	38.0000	49.9800	0.1168		
08/10/2018	96.4347	0.9940	0.2465	1.2405	2.2122	249.2689	30.7400	38.0000	50.0000	0.1073		
09/10/2018	96.4164	0.9508	0.2582	1.2090	2.2383	249.4222	30.5900	38.0300	50.0300	0.0888		
10/10/2018	96.2873	0.9725	0.2666	1.2391	2.3145	249.0500	29.4600	38.0400	50.0200	0.1150		
11/10/2018	96.3592	0.9853	0.2853	1.2707	2.2297	249.9208	28.6500	38.0200	50.0000	0.1103		
12/10/2018	96.3056	0.9791	0.2632	1.2423	2.2976	248.6592	29.0800	38.0300	50.0100	0.1240		
13/10/2018	96.3030	0.9680	0.2763	1.2442	2.2889	247.2660	27.9800	38.0300	50.0100	0.1189		
14/10/2018	96.3101	0.9911	0.2469	1.2380	2.2930	244.9501	26.3900	38.0300	50.0100	0.1153		
15/10/2018	95.7493	1.0410	0.2829	1.3239	2.7624	246.6222	26.5100	38.1500	50.0200	0.0965		
16/10/2018	95.7357	1.0339	0.2524	1.2863	2.8013	247.1386	25.6500	38.1800	50.0800	0.1028		
17/10/2018	95.7727	1.0443	0.2558	1.3000	2.7596	246.8668	22.6800	38.1700	50.0500	0.1028		
18/10/2018	95.6157	0.9572	0.2585	1.2157	2.9875	246.9065	24.6400	38.2700	50.1600	0.1140		
19/10/2018	95.8195	0.9384	0.2417	1.1802	2.8141	248.1074	23.2900	38.2400	50.1600	0.1142		
20/10/2018	95.6926	0.9716	0.2393	1.2110	2.9505	246.5659	23.6100	38.2300	50.1400	0.1328		
21/10/2018	95.5427	0.9787	0.2544	1.2332	3.0789	244.8382	23.2600	38.2600	50.1500	0.1369		
22/10/2018	95.5326	0.9792	0.2546	1.2337	3.0779	244.8449	23.6400	38.3009	50.1992	0.1112		
23/10/2018	95.4631	0.9548	0.2676	1.2225	3.1538	244.7360	23.2800	38.3295	50.2265	0.0824		
24/10/2018	95.6216	0.9657	0.2665	1.2323	3.0026	243.1585	23.8500	38.2702	50.1855	0.1177		
25/10/2018	94.3361	0.9280	1.4101	2.3381	2.8383	244.7711	19.2900	38.1137	50.1855	0.1518		
26/10/2018	95.4805	0.9660	0.2690	1.2350	3.1166	244.7273	18.6100	38.3206	50.2130	0.1439		
27/10/2018	95.4576	0.9523	0.2709	1.2231	3.1363	244.9338	18.8800	38.3407	50.2331	0.0892		
28/10/2018	95.4958	0.9589	0.2706	1.2295	3.1167	243.6841	19.8400	38.3150	50.2140	0.0936		
29/10/2018	95.6473	1.0209	0.2730	1.2939	2.8940	244.1444	20.7500	38.2325	50.1223	0.0985		
30/10/2018	95.8878	1.0302	0.2761	1.3062	2.6529	245.8719	20.8100	38.1539	50.0692	0.1087		
31/10/2018	95.8152	1.0201	0.2701	1.2902	2.7565	245.8823	21.5700	38.1774	50.0926	0.1041		

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

Mínimo	94.3361	0.9280	0.2393	1.1802	2.1998	243.1585	18.6100	38.0000	49.9800	0.0466		
Promedio	95.9138	0.9874	0.2990	1.2864	2.6307	247.0779	25.6219	38.1414	50.0826	0.1099		
Máximo	96.4347	1.0443	1.4101	2.3381	3.1538	250.3244	32.2500	38.3407	50.2331	0.1946		
Desv. Est.	0.46333	0.03073	0.20656	0.19789	0.36196	2.21676	4.15492	0.12079	0.08708	0.03058		

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.
01/10/2018	96.3810	1.0604	0.3089	1.3461	2.4152	252.7241	29.6700	38.1000	50.0500	0.1189		
02/10/2018	96.4406	1.0390	0.3022	1.3241	2.3265	252.0825	33.6900	38.0800	50.0100	0.1279		
03/10/2018	96.3732	1.0729	0.2973	1.3275	2.4542	254.4983	34.5900	38.1100	50.0600	0.1189		
04/10/2018	96.4695	1.0370	0.2748	1.3027	2.3107	255.5912	41.9300	38.1300	50.0800	14.1211		
05/10/2018	96.5601	1.0477	0.2642	1.2993	2.3177	252.6674	30.4700	38.0500	50.0200	0.2811		
06/10/2018	96.4036	1.0770	0.2838	1.3286	2.4370	252.7183	31.2800	38.1000	50.1100	0.2631		
07/10/2018	96.4578	1.0520	0.2584	1.2962	2.3276	250.3581	30.1700	38.0400	50.0400	0.1730		
08/10/2018	96.5112	1.0397	0.2722	1.2904	2.3045	250.5640	31.8800	38.0700	50.0600	0.1549		
09/10/2018	96.5656	0.9865	0.2754	1.2501	2.3762	252.0530	32.0800	38.0900	50.1000	0.1369		
10/10/2018	96.4331	1.0172	0.2854	1.2862	2.4775	250.5433	30.6700	38.1000	50.0800	0.1730		
11/10/2018	96.5515	1.0393	0.3115	1.3338	2.4919	257.1351	29.4700	38.2000	50.0900	0.1730		
12/10/2018	96.5879	1.0220	0.2872	1.2898	2.4371	250.1856	30.2700	38.1000	50.0800	0.1910		
13/10/2018	96.4166	0.9988	0.3116	1.2874	2.3874	248.8774	321.8200	38.0800	50.0600	0.1820		
14/10/2018	96.6651	1.0443	0.2936	1.2830	2.8335	248.3411	331.1700	38.2000	50.1200	0.1910		
15/10/2018	95.9156	1.0795	0.3426	1.3779	3.0025	248.1770	331.1700	38.2500	50.1100	0.1549		
16/10/2018	95.8769	1.0795	0.2856	1.3388	2.9336	249.4267	26.6500	38.2200	50.1100	0.1549		
17/10/2018	95.9373	1.0965	0.3054	1.3663	2.9496	248.9062	322.1200	38.2300	50.1600	0.2090		
18/10/2018	95.8988	0.9946	0.2968	1.2604	3.2325	251.8647	26.8500	38.3600	50.2300	0.1639		
19/10/2018	96.1957	0.9854	0.2754	1.2523	3.1953	250.7314	24.1400	38.3800	50.2900	0.1820		
20/10/2018	95.9038	1.0250	0.2640	1.2693	3.3619	250.5627	24.4400	38.3900	50.2900	0.1820		
21/10/2018	95.7808	1.0460	0.2874	1.3015	3.4608	252.6168	23.8400	38.4000	50.3000	0.2450		
22/10/2018	95.7808	1.0460	0.2874	1.3335	3.4608	252.6167	24.4400	38.4362	50.3230	0.1820		
23/10/2018	95.6612	1.0019	0.2879	1.2898	3.4603	248.2526	24.5400	38.4541	50.3454	0.1369		
24/10/2018	95.7410	0.9918	0.2827	1.2745	3.0772	247.0637	320.5100	38.3019	50.1931	0.7316		
25/10/2018	96.6278	0.9918	0.2827	1.2745	3.0665	247.0637	320.5100	38.3019	50.1931	0.2360		
26/10/2018	95.7576	1.0241	0.2994	1.3234	3.4615	247.4556	19.6200	38.4380	50.3129	0.1910		
27/10/2018	95.6414	1.0025	0.2884	1.2908	3.3723	247.1669	19.4200	38.4526	50.3414	0.1549		
28/10/2018	95.6406	1.0279	0.3026	1.3305	3.6319	246.8570	20.5200	38.5054	50.3818	0.1459		
29/10/2018	95.7699	1.0704	0.3213	1.3917	3.2651	246.8048	21.5300	38.3679	50.2669	0.1369		
30/10/2018	96.0514	1.0710	0.2969	1.3679	2.8043	248.1683	21.8300	38.2051	50.0885	0.1730		
31/10/2018	95.9697	1.0812	0.3006	1.3818	2.9722	248.1229	22.7300	38.2964	50.1821	0.1910		

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Mínimo	95.6406	0.9854	0.2584	1.2501	2.3045	246.8048	19.4200	38.0400	50.0100	0.1189		
Promedio	96.1602	1.0371	0.2914	1.3119	2.8582	250.3289	84.9684	38.2400	50.1638	0.6444		
Máximo	96.6651	1.0965	0.3426	1.3917	3.6319	257.1351	331.1700	38.5054	50.3818	14.1211		
Desv. Est.	0.35369	0.03233	0.01771	0.03869	0.44876	2.70156	119.42896	0.14601	0.11239	2.50345		

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.
01/10/2018	96.1169	0.9665	0.2344	1.2288	2.1692	247.7681	27.1500	37.9800	49.9300	0.0288		
02/10/2018	96.1414	0.9926	0.2279	1.2591	2.1417	246.6705	27.0500	37.9800	49.9400	0.0198		
03/10/2018	96.1068	0.9609	0.1868	1.2291	2.2166	245.9623	30.3700	37.9900	49.9600	0.0018		
04/10/2018	96.1508	0.9360	0.2235	1.1594	2.1325	246.6865	30.3700	38.0000	49.9700	0.0018		
05/10/2018	96.2466	0.9696	0.2082	1.2096	2.0819	247.8968	28.3600	37.9600	49.9400	0.1189		
06/10/2018	96.1926	0.8968	0.2342	1.1608	2.1855	247.6226	28.8600	37.9800	49.9200	0.0648		
07/10/2018	96.2980	0.9723	0.2267	1.2069	2.1592	245.9698	28.3600	37.9700	49.9400	0.0558		
08/10/2018	96.2662	0.9516	0.2247	1.1976	2.1147	246.3352	29.5700	37.9700	49.9700	0.0468		
09/10/2018	96.2855	0.8911	0.2334	1.1623	2.0913	247.9871	29.3700	37.9800	49.9900	0.0468		
10/10/2018	96.1104	0.9261	0.2465	1.1941	2.2228	246.8857	27.8600	38.0000	49.9800	0.0558		
11/10/2018	95.8631	0.9294	0.2596	1.2095	2.1107	246.0820	27.5600	37.9600	49.9300	0.0738		
12/10/2018	96.1527	0.9362	0.2372	1.1823	2.1003	247.1892	27.5600	37.9800	49.9900	0.0648		
13/10/2018	96.1945	0.9298	0.2423	1.2045	2.1840	245.1120	27.5600	38.0000	49.9900	0.0648		
14/10/2018	95.7404	0.9554	0.1657	1.1621	2.0276	242.1327	27.5600	37.9300	49.9300	0.0648		
15/10/2018	95.4567	0.9791	0.2455	1.2532	2.6552	242.1546	27.5600	38.1200	49.9900	0.0648		
16/10/2018	95.6333	1.0044	0.2284	1.2450	2.7049	244.5168	24.6400	38.1400	50.0200	0.0468		
17/10/2018	95.5718	0.9497	0.2297	1.2043	2.6084	244.1677	24.6400	38.1000	49.9900	0.0468		
18/10/2018	95.3471	0.9231	0.2273	1.1707	2.7705	244.9643	9.0600	38.2100	50.1300	0.0468		
19/10/2018	95.4662	0.8743	0.2143	1.1189	2.4009	245.5293	22.2300	38.0700	50.0300	0.0558		
20/10/2018	95.3855	0.9131	0.1577	1.1025	2.7100	242.9086	22.7300	38.1500	50.0600	0.0828		
21/10/2018	95.2136	0.8872	0.2236	1.1316	2.7842	241.4054	22.6300	38.1600	50.0600	0.0558		
22/10/2018	95.2136	0.8872	0.2236	1.1108	2.7842	241.4054	15.2000	38.1938	50.1059	0.0558		
23/10/2018	95.2051	0.8824	0.2415	1.1238	2.9476	240.9824	21.7300	38.2349	50.1430	0.0288		
24/10/2018	95.5147	0.9416	0.2391	1.1808	2.9003	241.4787	0.3200	38.2327	50.1678	0.0378		
25/10/2018	95.5147	0.9416	0.2391	1.1808	2.9003	194.7467	0.3200	38.2327	50.1678	0.0378		
26/10/2018	95.1835	0.8463	0.2423	1.0886	2.8178	242.3607	17.6100	38.2073	50.1183	0.1009		
27/10/2018	95.3003	0.8437	0.2523	1.0960	2.9267	242.1948	18.1100	38.2593	50.1583	0.0378		
28/10/2018	95.0414	0.8688	0.2391	1.1079	2.9324	241.0369	18.8100	38.2495	50.1566	0.0558		
29/10/2018	95.3941	0.9199	0.2484	1.1683	2.7584	241.5756	20.0200	38.1842	50.0887	0.0558		
30/10/2018	95.6919	1.0063	0.2520	1.2584	2.5111	242.7406	19.8200	38.1032	50.0382	0.0468		
31/10/2018	95.5521	0.9672	0.2447	1.2119	2.6370	243.1483	20.5200	38.1380	50.0779	0.0468		

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Mínimo	95.0414	0.8437	0.1577	1.0886	2.0276	194.7467	0.3200	37.9300	49.9200	0.0018		
Promedio	95.7275	0.9307	0.2290	1.1781	2.4738	242.8264	22.6939	38.0860	50.0285	0.0520		
Máximo	96.2980	1.0063	0.2596	1.2591	2.9476	247.9871	30.3700	38.2593	50.1678	0.1189		
Desv. Est.	0.41001	0.04353	0.02296	0.04971	0.33122	9.23162	7.80997	0.10970	0.08235	0.02392		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.