

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.
01/02/2018	96.8751	0.7020	0.2183	0.9203	2.0406	245.7193	22.2600	38.0900	50.2600	0.1502		
02/02/2018	96.7034	0.7110	0.2110	0.9220	2.1897	247.4890	21.1900	38.1500	50.2900	0.1459		
03/02/2018	97.0037	0.6997	0.2292	0.9290	1.8827	247.0010	20.3000	38.0400	50.2400	0.1742		
04/02/2018	96.9740	0.7485	0.2156	0.9641	1.9026	247.6526	19.9800	38.0500	50.2000	0.1892		
05/02/2018	96.9628	0.8025	0.2199	1.0220	1.8637	251.3937	19.9800	38.0100	50.1400	0.1892		
06/02/2018	96.9356	0.8104	0.2217	1.0321	1.8620	251.7781	19.9800	38.0100	50.1400	0.1892		
07/02/2018	96.9356	0.8104	0.2217	1.0321	1.8620	251.7781	19.9800	38.0100	50.1400	0.1892		
08/02/2018	96.9356	0.8104	0.2217	1.0321	1.8620	251.7781	19.9800	38.0100	50.1400	0.1892		
09/02/2018	97.1410	0.7100	0.2201	0.9301	1.7569	248.2456	10.9400	38.0100	50.2100	0.1892		
10/02/2018	97.1712	0.6754	0.2119	0.8873	1.8015	242.1221	19.8300	38.0300	50.2600	0.1249		
11/02/2018	97.1926	0.7168	0.1898	0.9066	1.7471	247.2784	21.8800	38.0200	50.2300	0.1506		
12/02/2018	97.2813	0.7339	0.1841	0.9179	1.6663	248.2710	22.7300	37.9800	50.1900	0.0925		
13/02/2018	97.2518	0.7075	0.1849	0.8924	1.7032	246.5402	21.4300	38.0000	50.2400	0.0574		
14/02/2018	97.1971	0.7154	0.1853	0.9008	1.7491	248.1905	20.0300	38.0100	50.2300	0.0910		
15/02/2018	96.9229	0.7008	0.2260	0.9269	1.9616	247.9566	21.7400	38.0800	50.2600	0.0744		
16/02/2018	96.9972	0.6722	0.2427	0.9150	1.9023	247.0424	26.6200	38.0700	50.2600	0.0505		
17/02/2018	96.9973	0.7116	0.2228	0.9344	1.8891	248.7174	24.7700	38.0500	50.2400	0.0671		
18/02/2018	97.0737	0.7153	0.2296	0.9449	1.8059	250.0898	23.9400	38.0200	50.2100	0.0874		
19/02/2018	97.1535	0.7156	0.2306	0.9462	1.7264	250.9639	25.5800	38.0000	50.2100	0.0770		
20/02/2018	97.2525	0.7013	0.2141	0.9154	1.7129	249.3666	28.3400	38.0100	50.2300	0.0800		
21/02/2018	97.1640	0.6812	0.2263	0.9075	1.7708	248.0757	29.8600	38.0200	50.2400	0.0820		
22/02/2018	97.1268	0.7115	0.2235	0.9351	1.8038	246.8973	28.3700	38.0100	50.2200	0.0671		
23/02/2018	97.0678	0.7551	0.2325	0.9876	1.7773	246.7145	24.8800	38.0000	50.1600	0.0920		
24/02/2018	97.1321	0.7298	0.2117	0.9415	1.7949	244.9648	22.5700	38.0100	50.2200	0.0819		
25/02/2018	97.1699	0.6914	0.2134	0.9048	1.7907	241.2643	22.8100	38.0100	50.2400	0.0813		
26/02/2018	97.2305	0.6817	0.1920	0.8737	1.7589	241.5626	25.4900	38.0300	50.2600	0.0658		
27/02/2018	97.0598	0.7873	0.1902	0.9775	1.7937	247.1433	25.7900	37.9900	50.1600	0.0739		
28/02/2018	97.2194	0.7377	0.1855	0.9231	1.7250	245.8561	25.6600	37.9900	50.2000	0.1032		

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

Mínimo	96.7034	0.6722	0.1841	0.8737	1.6663	241.2643	10.9400	37.9800	50.1400	0.0505		
Promedio	97.0760	0.7267	0.2134	0.9401	1.8251	247.5662	22.7468	38.0254	50.2150	0.1145		
Máximo	97.2813	0.8104	0.2427	1.0321	2.1897	251.7781	29.8600	38.1500	50.2900	0.1892		
Desv. Est.	0.13897	0.04187	0.01686	0.04474	0.10988	2.81334	3.73977	0.03605	0.04273	0.04960		

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.
01/02/2018	97.6290	0.7531	0.2302	0.9746	2.4239	248.3909	23.5400	38.2300	50.3700	0.2360		
02/02/2018	96.8720	0.8088	0.2663	1.0581	2.3356	251.3423	22.5300	38.2000	50.3600	0.2180		
03/02/2018	97.1425	0.7739	0.2440	0.9985	2.0868	251.0788	21.2300	38.1000	50.2700	0.2991		
04/02/2018	97.0744	0.9510	0.2425	1.1609	2.0518	253.1599	20.9200	38.1000	50.2800	0.3171		
05/02/2018	97.0400	0.8736	0.2308	1.0888	1.9332	252.3898	20.2200	38.0300	50.1900	0.3351		
06/02/2018	96.9356	0.8104	0.2217	1.0321	1.8620	251.7781	20.2200	38.0100	50.1400	0.3351		
07/02/2018	96.9356	0.8104	0.2217	1.0321	1.8620	251.7781	20.2200	38.0100	50.1400	0.3351		
08/02/2018	96.9356	0.8104	0.2217	1.0321	1.8620	251.7781	20.2200	38.0100	50.1400	0.3351		
09/02/2018	97.8017	0.8104	0.2497	1.0321	1.8620	251.7781	322.2200	38.0400	50.3100	0.8577		
10/02/2018	97.2648	0.7206	0.2529	0.9327	1.9901	257.1722	322.0200	38.1100	50.3100	0.2090		
11/02/2018	97.4043	0.7598	0.2099	0.9541	1.9090	254.8833	22.6300	38.0700	50.2600	0.2090		
12/02/2018	97.4274	0.7970	0.2044	0.9731	1.7655	255.6286	27.5600	38.0200	50.2300	0.2540		
13/02/2018	97.3554	0.7970	0.2059	0.9695	1.7697	251.7976	22.6300	38.0300	50.2700	0.1189		
14/02/2018	97.3585	0.8298	0.1968	1.0160	1.8517	252.5036	20.9200	38.0500	50.2800	0.1459		
15/02/2018	97.1590	0.8575	0.2743	1.0673	2.1388	255.7917	25.2500	38.1900	50.3400	0.2000		
16/02/2018	97.3027	0.7177	0.2818	0.9638	2.2198	251.8411	27.9600	38.3900	50.4600	0.1189		
17/02/2018	97.1538	0.7784	0.2519	0.9965	2.0612	252.3103	26.3500	38.1100	50.2800	0.1279		
18/02/2018	97.2282	0.7556	0.2785	1.0257	1.9516	253.1383	24.5400	38.0700	50.2600	0.1639		
19/02/2018	97.3279	0.7740	0.2851	1.0399	1.8929	254.3587	322.0200	38.0400	50.2400	0.1730		
20/02/2018	97.3196	0.7392	0.2426	0.9754	1.7664	253.8691	29.2700	38.1100	50.3000	0.1459		
21/02/2018	97.3572	0.7378	0.2792	1.0061	1.9493	252.9292	30.9700	38.0800	50.2900	0.1279		
22/02/2018	97.2275	0.7787	0.2781	1.0505	1.9161	249.9933	30.7700	38.0700	50.2700	0.1459		
23/02/2018	97.1893	0.8196	0.2552	1.0422	1.8886	249.7049	26.9500	38.0300	50.2100	0.1639		
24/02/2018	97.2658	0.7965	0.2446	0.9958	1.9541	248.5316	24.4400	38.0600	50.2400	0.1910		
25/02/2018	97.3742	0.7140	0.2743	0.9670	1.9278	246.9814	24.4400	38.0500	50.2600	0.1549		
26/02/2018	97.3893	0.7432	0.2268	0.9365	1.8580	249.4554	26.5500	38.0900	50.3300	0.1459		
27/02/2018	97.2199	0.8346	0.2101	1.0297	1.9073	249.5881	27.0500	38.0600	50.2200	0.1459		
28/02/2018	97.3091	0.8159	0.2110	0.9985	1.8681	249.1301	26.6500	38.0300	50.2500	0.9839		

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Mínimo	96.8720	0.7140	0.1968	0.9327	1.7655	246.9814	20.2200	38.0100	50.1400	0.1189		
Promedio	97.2500	0.7917	0.2426	1.0125	1.9595	251.8958	56.4389	38.0854	50.2679	0.2569		
Máximo	97.8017	0.9510	0.2851	1.1609	2.4239	257.1722	322.2200	38.3900	50.4600	0.9839		
Desv. Est.	0.20541	0.05171	0.02728	0.04914	0.15995	2.41122	93.76543	0.08217	0.07062	0.20195		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.

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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.
01/02/2018	96.4670	0.6750	0.1953	0.8703	1.3105	244.3142	20.6200	37.9000	50.1600	0.0828		
02/02/2018	96.5680	0.6138	0.1920	0.8505	2.0474	244.5944	19.3200	38.0900	50.1800	0.0828		
03/02/2018	96.7925	0.6578	0.2053	0.8862	1.7953	243.6820	19.0100	38.0100	50.1900	0.1009		
04/02/2018	96.7167	0.6705	0.1875	0.8805	1.7581	244.7729	18.5100	37.9800	50.0400	0.1099		
05/02/2018	96.8687	0.7595	0.2065	0.9702	1.8385	247.5033	18.5100	37.9900	50.0900	0.1099		
06/02/2018	96.9356	0.8104	0.2217	1.0321	1.8620	251.7781	18.5100	38.0100	50.1400	0.1099		
07/02/2018	96.9356	0.8104	0.2217	1.0321	1.8620	251.7781	18.5100	38.0100	50.1400	0.1099		
08/02/2018	96.9356	0.8104	0.2217	1.0321	1.8620	251.7781	18.5100	38.0100	50.1400	0.1099		
09/02/2018	96.9356	0.6104	0.1828	0.7961	1.1898	242.5900	18.5100	37.8700	50.1400	0.1099		
10/02/2018	96.9578	0.6281	0.1668	0.8535	1.7205	219.3923	18.5100	38.0000	50.2100	0.1099		
11/02/2018	97.0346	0.6903	0.1610	0.8586	1.5950	228.1164	20.4200	37.9700	50.1800	0.0648		
12/02/2018	97.1795	0.7043	0.1543	0.8807	1.5678	244.2940	21.6300	37.9400	50.1300	0.0648		
13/02/2018	97.1798	0.6644	0.1647	0.8435	1.6520	243.1056	19.8200	37.9500	50.1400	0.0108		
14/02/2018	96.9808	0.6439	0.1685	0.8262	1.6360	243.0924	19.1100	37.9800	50.1400	0.0288		
15/02/2018	96.7206	0.6417	0.1779	0.8629	1.8309	242.2708	19.4200	38.0000	50.1200	0.0288		
16/02/2018	96.3876	0.6424	0.1953	0.8635	1.6930	242.7931	24.9400	38.0000	50.2100	0.0288		
17/02/2018	96.7916	0.6679	0.1889	0.8937	1.7690	245.3152	23.0300	38.0100	50.1600	0.0018		
18/02/2018	96.9256	0.6645	0.1956	0.8688	1.7242	246.9436	23.0300	38.0000	50.1600	0.0288		
19/02/2018	96.9234	0.6760	0.1991	0.8940	1.5995	248.9003	23.0300	37.9600	50.1400	0.0288		
20/02/2018	97.1595	0.6594	0.1941	0.8653	1.6447	246.8782	27.1500	37.9800	50.1700	0.0108		
21/02/2018	96.9362	0.6087	0.1881	0.8529	1.6220	244.3702	28.0600	37.9800	50.1700	0.0198		
22/02/2018	96.8965	0.6380	0.1829	0.8768	1.7464	244.3306	25.5500	37.9900	50.1300	0.0018		
23/02/2018	96.9035	0.6956	0.1882	0.9213	1.6957	244.4878	22.9300	37.9500	50.1100	0.0108		
24/02/2018	96.9399	0.6764	0.1845	0.8837	1.7090	242.1816	20.4200	37.9800	50.1600	0.0018		
25/02/2018	96.9954	0.6486	0.1852	0.8562	1.6383	206.1550	20.9200	37.9700	50.2000	0.0108		
26/02/2018	97.0591	0.6088	0.1619	0.8108	1.6375	218.7384	24.1400	37.9700	50.2000	0.0018		
27/02/2018	96.9287	0.7343	0.1672	0.9091	1.6555	244.7977	23.6400	37.9400	50.1000	0.0018		
28/02/2018	96.9984	0.6874	0.1636	0.8680	1.6603	243.5799	24.2400	37.9500	50.1300	0.0198		

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

Mínimo	96.3876	0.6087	0.1543	0.7961	1.1898	206.1550	18.5100	37.8700	50.0400	0.0018		
Promedio	96.8948	0.6785	0.1865	0.8871	1.6901	241.5191	21.4286	37.9782	50.1493	0.0500		
Máximo	97.1798	0.8104	0.2217	1.0321	2.0474	251.7781	28.0600	38.0900	50.2100	0.1099		
Desv. Est.	0.18811	0.05835	0.01871	0.06075	0.16454	10.55188	2.86116	0.04010	0.03819	0.04394		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.