

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.
01/03/2017	96.4939	0.7142	0.3350	1.0492	2.2374	255.9445	20.9200	38.1400	50.2300	0.4003		
02/03/2017	96.5700	0.6789	0.3350	1.0139	2.2003	255.5932	20.3900	38.1400	50.2600	0.3960		
03/03/2017	96.6254	0.7041	0.3358	1.0398	2.1690	256.2220	19.9600	38.1300	50.2400	0.3983		
04/03/2017	96.6250	0.6839	0.3279	1.0118	2.1537	255.9460	20.1100	38.1300	50.2500	0.3904		
05/03/2017	96.5518	0.6871	0.3262	1.0134	2.2097	255.8647	20.4100	38.1400	50.2500	0.3958		
06/03/2017	96.1693	0.7801	0.2957	1.0758	2.5580	255.6466	19.6900	38.2200	50.2400	0.8417		
07/03/2017	96.1250	0.7907	0.2936	1.0844	2.5878	256.2531	19.8000	38.2300	50.2500	0.8084		
08/03/2017	96.3753	0.7515	0.2973	1.0487	2.3607	256.0111	20.1100	38.1800	50.2500	0.5848		
09/03/2017	96.3143	0.7895	0.2842	1.0737	2.3892	255.2157	19.8400	38.1600	50.2200	0.6740		
10/03/2017	95.9411	0.8233	0.2893	1.1126	2.7303	255.7889	19.2100	38.2600	50.2500	1.0479		
11/03/2017	96.1728	0.7757	0.2943	1.0701	2.5677	254.7360	19.7300	38.2100	50.2500	0.7471		
12/03/2017	96.4004	0.7707	0.2842	1.0548	2.3539	255.3599	19.4700	38.1600	50.2300	0.5544		
13/03/2017	95.9520	0.8107	0.2901	1.1009	2.7510	254.5352	18.3200	38.2600	50.2500	1.1693		
14/03/2017	96.2769	0.7209	0.2991	1.0201	2.5044	253.7258	19.4900	38.2000	50.2700	0.6735		
15/03/2017	95.8275	0.8007	0.2903	1.0910	2.8714	255.0876	18.2300	38.3000	50.2700	1.3424		
16/03/2017	95.8125	0.7788	0.2997	1.0788	2.8961	255.9230	18.5500	38.2900	50.2800	1.2851		
17/03/2017	95.9849	0.8213	0.2517	1.0730	2.7236	251.5234	18.7600	38.2600	50.2600	1.2619		
18/03/2017	96.0278	0.8322	0.2640	1.0963	2.6899	251.2949	19.1300	38.2400	50.2500	1.1135		
19/03/2017	96.0109	0.8152	0.2776	1.0928	2.6891	252.1251	18.7100	38.2600	50.2600	1.2596		
20/03/2017	95.7282	0.8983	0.2781	1.1765	2.8810	251.8935	18.7100	38.2700	50.2200	1.4449		
21/03/2017	95.6936	0.8561	0.2556	1.1116	2.8945	254.3300	18.7000	38.3600	50.3100	1.4088		
22/03/2017	95.5901	0.9106	0.2633	1.1740	2.9967	251.8342	18.6800	38.3300	50.2500	1.3443		
23/03/2017	96.4614	0.7772	0.2712	1.0484	2.2677	250.9352	19.9500	38.1600	50.2200	0.5858		
24/03/2017	96.7595	0.7521	0.2449	0.9972	2.0489	252.1394	21.1000	38.1000	50.2300	0.4317		
25/03/2017	96.7504	0.7151	0.2704	0.9855	2.0640	251.1064	20.9200	38.1100	50.2500	0.4567		
26/03/2017	96.5555	0.7209	0.2992	1.0201	2.1967	250.7786	18.4700	38.1300	50.2400	0.3329		
27/03/2017	96.6282	0.7330	0.2814	1.0144	2.1785	250.4746	20.6000	38.1500	50.2500	0.4807		
28/03/2017	96.6089	0.7598	0.2551	1.0150	2.1632	251.1393	20.9400	38.1300	50.2400	0.4681		
29/03/2017	96.5500	0.7367	0.2574	0.9940	2.2902	250.5539	20.7800	38.1600	50.2700	0.4117		
30/03/2017	96.5808	0.7469	0.2490	0.9959	2.2244	250.7069	20.7700	38.1500	50.2500	0.3803		
31/03/2017	96.4934	0.7640	0.2824	1.0463	2.2801	250.2299	18.3700	38.1300	50.2300	0.2015		

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

Mínimo	95.5901	0.6789	0.2449	0.9855	2.0489	250.2299	18.2300	38.1000	50.2200	0.2015		
Promedio	96.2793	0.7710	0.2864	1.0574	2.4558	253.5135	19.6394	38.1965	50.2490	0.7513		
Máximo	96.7595	0.9106	0.3358	1.1765	2.9967	256.2531	21.1000	38.3600	50.3100	1.4449		
Desv. Est.	0.34186	0.05784	0.02591	0.04877	0.28784	2.24114	0.91605	0.07017	0.01886	0.39298		

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.
01/03/2017	96.7130	0.8143	0.3595	1.1647	2.4875	260.3288	21.9400	38.2300	50.3000	0.4987		
02/03/2017	96.7022	0.7090	0.3610	1.0621	2.2429	260.0492	21.5400	38.1600	50.3000	0.4812		
03/03/2017	96.6994	0.7146	0.3692	1.0782	2.2526	261.1524	21.2300	38.1500	50.2500	0.4637		
04/03/2017	96.7098	0.7299	0.3667	1.0604	2.2141	264.1336	21.3300	38.1500	50.2800	0.4637		
05/03/2017	96.7838	0.7456	0.3631	1.0904	2.3942	258.3600	21.4300	38.2200	50.3100	0.4724		
06/03/2017	96.6453	0.8574	0.3126	1.1518	2.9035	258.9723	21.7400	38.3500	50.3000	1.1811		
07/03/2017	96.6031	0.8397	0.3167	1.1367	2.8729	259.0167	21.4300	38.3100	50.2900	1.1898		
08/03/2017	96.7006	0.8304	0.3505	1.1236	2.7459	259.7908	21.5400	38.2900	50.3200	1.1811		
09/03/2017	96.6169	0.8470	0.3059	1.1345	2.8884	258.4383	21.2300	38.3000	50.2800	1.3385		
10/03/2017	96.6622	0.8695	0.3227	1.1858	2.9719	261.5043	20.1300	38.3100	50.2800	1.4698		
11/03/2017	96.6542	0.8229	0.3202	1.1180	3.0089	257.6610	331.4800	38.3300	50.3000	1.3473		
12/03/2017	96.6043	0.8203	0.3048	1.1204	2.8438	257.6569	331.4800	38.2900	50.2800	1.3210		
13/03/2017	96.6049	0.8393	0.3208	1.1320	2.9096	259.7802	19.3200	38.3100	50.2900	1.5310		
14/03/2017	96.6343	0.8377	0.3533	1.1199	2.9422	258.8156	21.2300	38.3200	50.3600	1.3910		
15/03/2017	95.9374	0.8615	0.3134	1.1625	3.0257	260.2971	19.6200	38.3700	50.3400	1.5572		
16/03/2017	95.8854	0.7827	0.3058	1.0885	2.9055	257.0675	331.4800	38.3200	50.3200	1.4610		
17/03/2017	96.0916	0.8714	0.3009	1.1170	2.9004	260.4971	19.9300	38.3100	50.3000	1.5660		
18/03/2017	96.1364	0.8670	0.2868	1.1462	2.8080	255.0264	21.0300	38.2800	50.2800	1.4698		
19/03/2017	96.6071	0.8689	0.3107	1.1646	2.7921	255.8976	20.0300	38.3000	50.3000	1.5222		
20/03/2017	95.9259	0.9827	0.3052	1.2554	3.1558	258.2027	20.1300	38.3500	50.2300	1.6272		
21/03/2017	95.8395	0.9322	0.2804	1.1986	3.2094	258.1190	19.7200	38.4700	50.3600	1.8022		
22/03/2017	95.7517	0.9582	0.2811	1.2335	3.2103	258.8892	19.8200	38.4700	50.3700	1.5310		
23/03/2017	96.8130	0.9774	0.3207	1.2518	3.1373	258.3811	21.2300	38.3400	50.3000	1.3298		
24/03/2017	96.9044	0.8399	0.2705	1.1005	2.3128	260.2690	331.4800	38.2600	50.2800	0.5424		
25/03/2017	96.9915	0.7633	0.3430	1.0824	2.2805	257.4611	22.3400	38.1700	50.3000	0.5599		
26/03/2017	96.7265	0.7642	0.3420	1.0708	2.2912	254.5880	323.3300	38.2000	50.3200	0.6211		
27/03/2017	96.7641	0.7978	0.3348	1.1142	2.4439	255.8139	21.8400	38.2100	50.3200	0.6036		
28/03/2017	96.7692	0.7881	0.2868	1.0495	2.2218	256.0923	21.9400	38.1700	50.2700	0.5862		
29/03/2017	96.7406	0.7815	0.2768	1.0541	2.4176	254.7709	21.9400	38.2100	50.3300	0.4899		
30/03/2017	96.8658	0.8903	0.2884	1.1476	2.6794	254.6116	21.9400	38.2500	50.3200	0.4287		
31/03/2017	96.7788	0.8027	0.3108	1.1045	2.4287	253.4974	331.4800	38.1900	50.2800	0.4374		

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Mínimo	95.7517	0.7090	0.2705	1.0495	2.2141	253.4974	19.3200	38.1500	50.2300	0.4287		
Promedio	96.5440	0.8325	0.3189	1.1297	2.7064	258.2304	80.8494	38.2771	50.3019	1.0473		
Máximo	96.9915	0.9827	0.3692	1.2554	3.2103	264.1336	331.4800	38.4700	50.3700	1.8022		
Desv. Est.	0.34942	0.06983	0.02889	0.05460	0.32928	2.39239	124.14662	0.08323	0.03049	0.48106		

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.
01/03/2017	96.1677	0.6403	0.3045	0.9500	2.1495	251.5799	19.5200	38.0800	50.1200	0.3412		
02/03/2017	96.5061	0.6377	0.3088	0.9486	2.1595	249.7583	19.2200	38.1200	50.2200	0.3412		
03/03/2017	96.4598	0.6849	0.3158	1.0020	2.0878	252.4170	19.2200	38.1000	50.2100	0.3412		
04/03/2017	96.5159	0.6588	0.2984	0.9664	2.0787	252.8481	19.3200	38.1000	50.2200	0.3412		
05/03/2017	96.3881	0.6175	0.2833	0.9187	2.1163	251.9140	19.3200	38.1100	50.1900	0.3412		
06/03/2017	95.6933	0.7303	0.2708	1.0192	2.1255	251.1281	17.8100	38.1200	50.2100	0.3674		
07/03/2017	95.7765	0.7325	0.2700	1.0279	2.1647	251.0621	17.7100	38.1100	50.2200	0.3412		
08/03/2017	95.9224	0.6725	0.2409	0.9151	2.1166	251.4010	17.8100	38.1100	50.2000	0.3412		
09/03/2017	95.7954	0.7539	0.2670	1.0315	2.1444	249.8941	17.8100	38.0900	50.1700	0.3499		
10/03/2017	95.6463	0.7514	0.2678	1.0202	2.1226	251.1980	17.9100	38.1000	50.1900	0.3849		
11/03/2017	95.6880	0.7123	0.2628	0.9960	2.1299	249.3868	17.9100	38.1000	50.1900	0.3849		
12/03/2017	95.8681	0.7215	0.2611	1.0105	2.1409	249.2742	17.9100	38.1000	50.1700	0.3849		
13/03/2017	95.7671	0.7416	0.2707	1.0332	2.1189	249.9560	16.9100	38.0900	50.1600	0.3937		
14/03/2017	95.7552	0.6158	0.2607	0.9400	2.1199	249.5779	17.5100	38.0900	50.1700	0.3937		
15/03/2017	95.6086	0.7486	0.2732	1.0384	2.8003	251.5086	17.2100	38.2700	50.2400	1.0761		
16/03/2017	95.8154	0.7582	0.2809	1.0496	2.8493	252.7877	17.2100	38.2900	50.2800	1.0761		
17/03/2017	95.8154	0.7802	0.2271	1.0362	2.6437	247.5982	17.1100	38.2300	50.2300	0.9186		
18/03/2017	95.8560	0.8020	0.2422	1.0549	2.5753	247.4845	17.3100	38.2100	50.2100	0.8136		
19/03/2017	95.8756	0.7411	0.2372	0.9997	2.1972	248.2667	17.1100	38.1300	50.2000	0.4987		
20/03/2017	95.3818	0.8470	0.2513	1.1227	2.7294	247.4007	16.9100	38.2400	50.1700	1.2423		
21/03/2017	95.2967	0.8186	0.2314	1.0606	2.7667	250.7044	17.5100	38.2700	50.1900	1.1023		
22/03/2017	95.3013	0.8270	0.2443	1.0838	2.8709	246.6551	17.5100	38.2600	50.1900	1.1898		
23/03/2017	95.3891	0.6971	0.2302	0.9387	2.0391	246.7980	17.7100	38.0900	50.1700	0.3412		
24/03/2017	96.3080	0.6930	0.2039	0.9324	1.9540	246.7027	17.7100	38.0300	50.1600	0.3412		
25/03/2017	96.4249	0.6618	0.1856	0.8876	1.9161	248.1425	19.4200	38.0600	50.2000	0.3762		
26/03/2017	96.4528	0.6731	0.2288	0.9049	2.1191	245.6490	19.4200	38.1100	50.2000	0.3762		
27/03/2017	96.2225	0.6843	0.2375	0.9516	2.0731	245.2944	19.2200	38.0900	50.1800	0.3849		
28/03/2017	96.5389	0.7249	0.2269	0.9630	2.0663	246.4356	19.5200	38.0900	50.2000	0.3937		
29/03/2017	96.3475	0.6944	0.2417	0.9404	2.0907	246.9012	19.1200	38.1100	50.2200	0.3587		
30/03/2017	95.9595	0.6569	0.2255	0.8863	2.0642	245.7293	19.3200	38.1000	50.1900	0.3412		
31/03/2017	96.3155	0.6945	0.2399	0.9351	2.1103	246.2834	19.3200	38.0800	50.1500	0.3412		

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

Mínimo	95.2967	0.6158	0.1856	0.8863	1.9161	245.2944	16.9100	38.0300	50.1200	0.3412		
Promedio	95.9632	0.7153	0.2545	0.9860	2.2465	249.0883	18.2106	38.1316	50.1942	0.5232		
Máximo	96.5389	0.8470	0.3158	1.1227	2.8709	252.8481	19.5200	38.2900	50.2800	1.2423		
Desv. Est.	0.38533	0.05993	0.03007	0.06049	0.28478	2.34446	0.94441	0.07005	0.03020	0.30360		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE