

## 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 <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	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.
01/05/2017	95.9875	0.7598	0.2904	1.0502	2.6726	248.5745	19.6500	38.3000	50.3200	1.1340		
02/05/2017	95.8750	0.7720	0.2977	1.0696	2.7944	249.2269	19.8400	38.3300	50.3100	1.2223		
03/05/2017	95.7820	0.7881	0.2996	1.0877	2.8305	249.0956	20.2100	38.3500	50.3200	1.2223		
04/05/2017	96.1007	0.7789	0.3094	1.0883	2.5378	250.8953	20.0900	38.2700	50.2600	1.2223		
05/05/2017	95.9647	0.7842	0.3265	1.1107	2.6477	250.8556	19.9900	38.2700	50.2600	1.2223		
06/05/2017	95.8751	0.7789	0.3117	1.0906	2.7159	250.9763	19.7000	38.3300	50.2900	0.9989		
07/05/2017	95.8612	0.7914	0.3239	1.1154	2.7276	253.3764	19.9600	38.3100	50.2600	1.2488		
08/05/2017	96.0908	0.7657	0.2808	1.0465	2.5849	252.9371	20.2500	38.2800	50.3000	1.1149		
09/05/2017	95.9720	0.7857	0.2863	1.0719	2.6352	253.2072	20.0800	38.2900	50.2800	1.1048		
10/05/2017	96.4606	0.7197	0.2760	0.9957	2.2796	251.9713	20.5900	38.1900	50.2800	0.7509		
11/05/2017	96.8850	0.6331	0.2680	0.9012	1.9888	250.3875	20.9000	38.1200	50.3100	0.5241		
12/05/2017	96.6889	0.6652	0.3132	0.9784	2.0873	251.8077	21.1800	38.1500	50.2800	0.6142		
13/05/2017	96.6601	0.6529	0.2917	0.9446	2.2045	249.2175	21.2600	38.1600	50.3000	0.6167		
14/05/2017	96.7022	0.6620	0.2967	0.9587	2.1412	249.0722	21.5600	38.1400	50.2700	0.6050		
15/05/2017	96.4357	0.7139	0.2857	0.9997	2.3474	249.4850	21.1600	38.1900	50.2700	0.8435		
16/05/2017	96.5991	0.6779	0.2850	0.9629	2.2341	248.5478	21.8600	38.1600	50.2900	0.6261		
17/05/2017	96.7143	0.6578	0.3050	0.9629	2.1554	248.7612	22.2200	38.1300	50.2600	0.5680		
18/05/2017	96.3869	0.6720	0.2824	0.9544	2.4285	248.4414	21.5200	38.2500	50.3300	0.8389		
19/05/2017	96.0458	0.6845	0.2578	0.9422	2.7282	246.9662	20.3200	38.3500	50.4100	1.1242		
20/05/2017	95.9792	0.6564	0.2529	0.9093	2.8146	247.5069	20.1300	38.4000	50.4500	1.0997		
21/05/2017	96.0275	0.6236	0.2611	0.8846	2.8057	246.3930	19.8800	38.3700	50.4700	0.9871		
22/05/2017	96.0125	0.6452	0.2848	0.9299	2.8025	247.8812	20.1400	38.3700	50.4200	0.9197		
23/05/2017	96.1503	0.6355	0.2921	0.9275	2.6904	248.2131	20.4600	38.3400	50.4000	0.8817		
24/05/2017	96.3625	0.6768	0.3464	1.0232	2.4018	250.0914	21.8300	38.1900	50.2800	0.6911		
25/05/2017	96.4804	0.6308	0.3592	0.9900	2.3244	249.2014	21.7700	38.1800	50.3100	0.7195		
26/05/2017	96.4034	0.6670	0.3597	1.0267	2.3794	248.5585	21.6500	38.1700	50.2700	0.7584		
27/05/2017	96.5264	0.6610	0.3289	0.9900	2.2885	248.1784	21.9100	38.1600	50.2700	0.8212		
28/05/2017	96.4626	0.6450	0.3240	0.9690	2.3695	248.3883	21.6300	38.2000	50.3300	0.7951		
29/05/2017	96.6266	0.6421	0.3148	0.9570	2.2173	249.6890	21.4400	38.1700	50.3000	0.7201		
30/05/2017	96.6854	0.6056	0.2947	0.9003	2.2101	250.1264	21.4400	38.1900	50.3500	0.6987		
31/05/2017	96.7349	0.6210	0.2793	0.9003	2.1752	250.0952	21.1900	38.1600	50.3400	0.6982		


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

<b>Mínimo</b>	95.7820	0.6056	0.2529	0.8846	1.9888	246.3930	19.6500	38.1200	50.2600	0.5241		
<b>Promedio</b>	96.3077	0.6921	0.2995	0.9916	2.4587	249.6170	20.8326	38.2410	50.3158	0.8836		
<b>Máximo</b>	96.8850	0.7914	0.3597	1.1154	2.8305	253.3764	22.2200	38.4000	50.4700	1.2488		
<b>Desv. Est.</b>	0.32839	0.06102	0.02701	0.06851	0.25773	1.74821	0.79425	0.08553	0.05743	0.23179		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

**(Registros Máximos diarios)**

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

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	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.
01/05/2017	96.0635	0.7927	0.3459	1.1055	2.7276	252.8454	20.7300	38.3300	50.3400	1.3910		
02/05/2017	96.0868	0.8244	0.3457	1.1480	3.1972	263.9617	331.4800	38.4300	50.3700	1.4872		
03/05/2017	95.9157	0.8605	0.3216	1.1605	2.9641	262.7945	21.5400	38.3900	50.3500	1.4872		
04/05/2017	96.2870	0.8330	0.3369	1.1350	2.8456	257.1210	21.0300	38.3600	50.3300	1.4872		
05/05/2017	96.2149	0.8270	0.3546	1.1584	2.7492	256.5816	21.2300	38.3100	50.3400	1.4872		
06/05/2017	96.0178	0.8222	0.3363	1.1429	2.8420	255.3413	331.4800	38.3700	50.3600	1.5047		
07/05/2017	96.1664	0.8339	0.3505	1.1676	2.9232	258.0512	21.1300	38.3700	50.3100	1.5747		
08/05/2017	96.2576	0.8212	0.3455	1.0995	2.7679	260.3815	331.4800	38.3300	50.3700	1.2510		
09/05/2017	96.1218	0.8166	0.2999	1.1104	2.7358	260.4128	21.1300	38.3300	50.3100	1.4523		
10/05/2017	96.8679	0.8199	0.3019	1.1081	2.7540	257.2707	21.7400	38.3200	50.3400	1.1461		
11/05/2017	97.0645	0.6917	0.3303	0.9832	2.1007	256.7325	322.8300	38.1700	50.3700	0.7086		
12/05/2017	96.8056	0.6991	0.3530	1.0287	2.2605	257.1750	22.4400	38.2500	50.3600	0.7174		
13/05/2017	96.7945	0.6954	0.3461	0.9981	2.3691	254.2821	22.5400	38.2400	50.3700	0.6824		
14/05/2017	96.9696	0.7242	0.3362	1.0202	2.4084	252.3170	22.7400	38.2000	50.3400	0.6999		
15/05/2017	96.8425	0.7799	0.3164	1.0756	2.5314	254.5944	22.6400	38.2300	50.3300	1.1023		
16/05/2017	96.9246	0.7764	0.3128	1.0706	2.5193	253.3147	23.2500	38.2300	50.3600	1.0411		
17/05/2017	96.8476	0.6784	0.3217	0.9938	2.2746	251.9231	23.3500	38.1700	50.3200	0.6561		
18/05/2017	96.8153	0.7629	0.3396	1.0789	3.1196	255.9699	23.5500	38.4200	50.4600	1.5135		
19/05/2017	96.2185	0.7316	0.2769	0.9872	2.8341	253.4914	322.2300	38.4100	50.4600	1.2685		
20/05/2017	96.1253	0.7237	0.2723	0.9929	2.9332	252.6156	21.6400	38.4900	50.5300	1.3910		
21/05/2017	96.1515	0.7232	0.2911	1.0091	2.8718	260.8391	21.0300	38.4100	50.5100	1.2423		
22/05/2017	96.0773	0.7070	0.3086	0.9949	2.8592	250.4140	21.2300	38.4100	50.4900	1.0586		
23/05/2017	96.4276	0.7151	0.3802	1.0053	2.8841	252.1509	22.2400	38.4300	50.5200	1.1111		
24/05/2017	96.5468	0.7494	0.3906	1.0960	2.8008	253.5593	23.1500	38.4200	50.4600	0.9711		
25/05/2017	96.6575	0.7167	0.3934	1.0798	2.5630	253.2119	322.7300	38.2700	50.3700	0.9623		
26/05/2017	96.6469	0.7275	0.4122	1.0931	2.5965	253.0831	331.4800	38.2400	50.3600	0.8486		
27/05/2017	96.6742	0.7040	0.3498	1.0468	2.4589	251.9064	23.1500	38.2200	50.3500	0.9798		
28/05/2017	96.7903	0.7209	0.3878	1.0773	2.6741	251.9813	23.1500	38.3000	50.3700	0.9448		
29/05/2017	96.8543	0.6843	0.3647	1.0030	2.4054	265.2951	22.6400	38.2200	50.3400	0.8136		
30/05/2017	96.8903	0.6319	0.3395	0.9624	2.5076	256.5102	22.9400	38.4200	50.4900	0.8049		
31/05/2017	96.8952	0.6722	0.3343	0.9610	2.3185	258.0378	22.8400	38.2200	50.4000	0.7786		


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

<b>Mínimo</b>	95.9157	0.6319	0.2723	0.9610	2.1007	250.4140	20.7300	38.1700	50.3100	0.6561		
<b>Promedio</b>	96.5168	0.7505	0.3386	1.0611	2.6709	255.9409	91.1858	38.3197	50.3865	1.1150		
<b>Máximo</b>	97.0645	0.8605	0.4122	1.1676	3.1972	265.2951	331.4800	38.4900	50.5300	1.5747		
<b>Desv. Est.</b>	0.35875	0.06035	0.03313	0.06400	0.26380	3.84405	129.84859	0.09046	0.06631	0.30364		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

**(Registros Mínimos diarios)**

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

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocio (K)	Humedad (mg/m <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )	Azufre total* (mg/m <sup>3</sup> )	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.
01/05/2017	95.9060	0.7243	0.2578	1.0152	2.6340	244.1503	18.2100	38.2800	50.2700	0.9273		
02/05/2017	95.3869	0.7206	0.2686	1.0173	2.6091	246.5501	18.2100	38.2700	50.2800	0.9273		
03/05/2017	95.6684	0.7481	0.2860	1.0451	2.7040	245.2432	18.5200	38.2900	50.2400	0.9273		
04/05/2017	95.7836	0.7248	0.2861	1.0381	2.3408	247.0030	18.7200	38.2100	50.2200	0.9273		
05/05/2017	95.8370	0.6854	0.3065	1.0178	2.4533	247.0500	18.5200	38.2400	50.2300	0.9273		
06/05/2017	95.7519	0.7305	0.2850	1.0336	2.5906	246.2927	18.5200	38.2600	50.2300	0.9273		
07/05/2017	95.5980	0.7448	0.3026	1.0637	2.5282	249.4273	18.7200	38.2300	50.2500	0.9623		
08/05/2017	95.8937	0.7045	0.2360	0.9688	2.4271	249.8569	18.7200	38.2300	50.2500	0.9623		
09/05/2017	95.8658	0.7636	0.2665	1.0458	2.5395	249.2270	18.7200	38.2700	50.2700	0.7786		
10/05/2017	95.9017	0.6536	0.2472	0.9080	1.9914	246.8335	18.8200	38.1100	50.2500	0.4374		
11/05/2017	96.7417	0.5873	0.2350	0.8423	1.8841	246.5878	18.8200	38.0900	50.2600	0.4374		
12/05/2017	96.5003	0.6157	0.2813	0.9187	1.9644	247.1005	19.9300	38.0900	50.2200	0.5337		
13/05/2017	96.4142	0.6211	0.2417	0.8904	2.0744	245.8353	19.9300	38.0900	50.2500	0.5337		
14/05/2017	96.4558	0.6153	0.2644	0.9013	1.9331	245.6716	20.1300	38.0700	50.2200	0.5162		
15/05/2017	96.1777	0.6168	0.2681	0.8945	2.0427	247.0428	19.8200	38.0900	50.2400	0.5249		
16/05/2017	96.1802	0.5751	0.2617	0.8741	2.0021	244.3403	20.1300	38.1000	50.2400	0.4287		
17/05/2017	96.5720	0.6188	0.2770	0.9019	2.0755	244.8068	21.2300	38.1100	50.2500	0.4899		
18/05/2017	95.6738	0.6232	0.2272	0.8621	2.0472	243.6273	19.4200	38.1000	50.2400	0.5162		
19/05/2017	95.9414	0.6426	0.2412	0.8959	2.5974	242.9352	19.4200	38.3100	50.3600	0.5162		
20/05/2017	95.8438	0.5909	0.2292	0.8282	2.6879	243.2465	18.8200	38.3400	50.3700	0.8311		
21/05/2017	95.9910	0.5885	0.2358	0.8352	2.7371	242.7041	18.8200	38.3100	50.3400	0.8224		
22/05/2017	95.9709	0.6015	0.2475	0.8591	2.7515	244.9180	18.9200	38.3200	50.3600	0.7786		
23/05/2017	95.9187	0.5996	0.2294	0.8352	2.3728	245.2492	19.0200	38.1900	50.2900	0.5599		
24/05/2017	95.9227	0.6180	0.2706	0.9013	2.2638	246.2259	19.4200	38.1500	50.2300	0.5774		
25/05/2017	96.2377	0.5703	0.2980	0.9257	2.1939	244.9272	19.4200	38.1200	50.2100	0.5774		
26/05/2017	96.1788	0.5750	0.3232	0.9176	2.2354	244.0280	19.4200	38.1500	50.2100	0.5774		
27/05/2017	96.3601	0.6166	0.2889	0.9355	2.1881	244.5019	20.0300	38.1200	50.2500	0.6561		
28/05/2017	96.0714	0.5896	0.2773	0.8956	2.1227	244.3203	20.5300	38.1300	50.2700	0.6474		
29/05/2017	96.3997	0.6100	0.2680	0.8958	2.0671	245.3927	20.1300	38.1200	50.2600	0.6386		
30/05/2017	96.1913	0.5700	0.2663	0.8475	2.0257	246.5346	19.8200	38.1100	50.2800	0.6124		
31/05/2017	96.5957	0.5929	0.2354	0.8360	2.0353	245.6160	19.8200	38.1300	50.2800	0.6299		

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

<b>Mínimo</b>	95.3869	0.5700	0.2272	0.8282	1.8841	242.7041	18.2100	38.0700	50.2100	0.4287		
<b>Promedio</b>	96.0623	0.6400	0.2648	0.9241	2.2942	245.7176	19.3123	38.1816	50.2619	0.6810		
<b>Máximo</b>	96.7417	0.7636	0.3232	1.0637	2.7515	249.8569	21.2300	38.3400	50.3700	0.9623		
<b>Desv. Est.</b>	0.32675	0.06110	0.02539	0.07394	0.27925	1.77827	0.73487	0.08618	0.04301	0.18345		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE