

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.
1/1/2019	95.6476	1.0656	0.1504	1.2160	3.0186	239.4434	18.3000	38.2400	50.1300	0.7466	<10.8	0.00
1/2/2019	95.5772	1.0380	0.1542	1.1922	3.0921	241.7969	19.5100	38.2900	50.1800	0.7027		
1/3/2019	95.5429	1.0021	0.1558	1.1580	3.1520	242.5692	19.5000	38.3200	50.2200	0.7394		
1/4/2019	95.6209	1.0405	0.1564	1.1970	3.0109	246.8838	17.3700	38.2700	50.1600	0.8282		
1/5/2019	95.4078	1.0578	0.1861	1.2439	3.1889	244.5056	18.1800	38.3000	50.1400	0.8114		
1/6/2019	95.5179	0.9996	0.2515	1.2512	3.0765	241.0328	19.9400	38.2500	50.1300	0.8860		
1/7/2019	95.7179	0.9711	0.2584	1.2296	2.9344	240.1885	17.9700	38.2200	50.1300	0.8027		
1/8/2019	95.6469	0.9648	0.2719	1.2367	2.9891	240.2764	16.6100	38.2200	50.1400	0.7615		
1/9/2019	95.7275	0.9814	0.2753	1.2567	2.8992	239.7605	14.8800	38.1800	50.1000	0.7956		
1/10/2019	95.6844	0.9907	0.3022	1.2929	2.8975	240.2197	15.8600	38.1700	50.0600	0.8703		
1/11/2019	95.8131	0.9320	0.3281	1.2601	2.7844	239.5567	16.8200	38.1500	50.1000	0.8668		
1/12/2019	95.7523	0.8464	0.3428	1.1892	2.9166	234.8523	16.9300	38.2200	50.1800	0.7864		
1/13/2019	95.9410	0.8865	0.3279	1.2145	2.7260	238.4104	15.4200	38.1500	50.1300	0.7382		
1/14/2019	95.8887	0.8757	0.3278	1.2036	2.7865	239.6320	14.0400	38.1800	50.1400	0.7022		
1/15/2019	95.9341	0.9229	0.3341	1.2569	2.6773	238.1342	13.1200	38.1300	50.0700	0.7500		
1/16/2019	95.9475	0.9272	0.3051	1.2323	2.7217	227.9918	12.3500	38.1300	50.1000	0.8072		
1/17/2019	95.9374	0.9369	0.2956	1.2325	2.7213	229.4039	12.6900	38.1400	50.0900	0.8257		
1/18/2019	95.8479	0.9246	0.3112	1.2358	2.7687	239.5418	12.8100	38.1700	50.1300	0.8299		
1/19/2019	95.8125	0.9404	0.3253	1.2658	2.7627	242.6631	13.6600	38.1500	50.1000	0.8681		
1/20/2019	95.8506	0.9191	0.3257	1.2448	2.7580	240.9279	13.7500	38.1500	50.1100	0.8170		
1/21/2019	95.8323	0.9280	0.3122	1.2402	2.8074	241.8992	14.2000	38.1700	50.1100	0.7426		
1/22/2019	95.6551	0.9373	0.3290	1.2663	2.9303	242.8954	15.6400	38.2000	50.1100	0.7866		
1/23/2019	95.6454	0.9242	0.3127	1.2369	2.9813	242.4350	16.1100	38.2300	50.1300	0.7869		
1/24/2019	95.7949	0.9006	0.3079	1.2086	2.8793	240.9522	15.9600	38.2000	50.1400	0.7971		
1/25/2019	95.8603	0.9132	0.3187	1.2320	2.7719	240.5211	15.6200	38.1600	50.1200	0.7591		
1/26/2019	95.8520	0.9105	0.3104	1.2209	2.7821	240.3549	14.9800	38.1800	50.1200	0.7374		
1/27/2019	95.7329	0.9205	0.3060	1.2265	2.9108	239.7355	14.7300	38.2200	50.1400	0.6870		
1/28/2019	95.7561	0.9570	0.2932	1.2496	2.8581	241.4586	15.3500	38.1700	50.1200	0.6431		
1/29/2019	95.4666	0.9162	0.3083	1.2246	3.1517	240.8238	13.9800	38.2800	50.1900	0.8323		
1/30/2019	95.5234	0.8771	0.3116	1.1887	3.1396	240.0613	13.1600	38.2900	50.2200	0.6368		
1/31/2019	95.7062	0.8809	0.3010	1.1820	3.0259	212.5288	13.0900	38.2300	50.1900	0.6182		

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

Mínimo	95.4078	0.8464	0.1504	1.1580	2.6773	212.5288	12.3500	38.1300	50.0600	0.6182		
Promedio	95.7304	0.9448	0.2838	1.2286	2.9071	239.0792	15.5655	38.2052	50.1332	0.7730		
Máximo	95.9475	1.0656	0.3428	1.2929	3.1889	246.8838	19.9400	38.3200	50.2200	0.8860		
Desv. Est.	0.14742	0.05511	0.05891	0.02911	0.14840	6.12937	2.14404	0.05428	0.03859	0.06894		

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.
1/1/2019	95.8226	1.0949	0.1750	1.2500	3.3113	245.0809	18.9100	38.3500	50.2200	0.9118		
1/2/2019	95.8327	1.1544	0.1750	1.3031	3.5633	245.4135	20.6200	38.5000	50.3000	0.8668		
1/3/2019	95.9419	1.0564	0.1866	1.2315	3.6183	246.0078	21.0200	38.4600	50.2900	0.9478		
1/4/2019	95.9510	1.1091	0.1788	1.2746	3.3543	249.8835	18.3100	38.4200	50.2700	1.5065		
1/5/2019	95.6606	1.1055	0.2760	1.3474	3.4084	252.2740	19.4200	38.4000	50.2600	0.9569		
1/6/2019	95.7438	1.0634	0.2760	1.3386	3.4247	244.2101	21.3300	38.3800	50.2500	1.9750		
1/7/2019	95.7628	1.0054	0.2824	1.2637	3.0206	244.3793	19.1100	38.2600	50.1600	1.0380		
1/8/2019	95.8490	0.9970	0.2984	1.2685	3.4004	244.3292	18.2100	38.3400	50.2000	0.8668		
1/9/2019	95.8769	1.0320	0.2997	1.3106	3.0174	249.5219	16.0000	38.2400	50.1500	0.9118		
1/10/2019	95.8185	1.0551	0.3528	1.3565	3.0684	243.9584	16.9000	38.2500	50.1400	1.0019		
1/11/2019	95.9751	1.0126	0.3741	1.3158	3.0887	244.1016	17.5100	38.2600	50.1700	0.9839		
1/12/2019	95.9029	0.8996	0.3839	1.2534	3.0320	241.0257	17.7100	38.2800	50.2600	0.9298		
1/13/2019	96.0547	0.9344	0.3711	1.2533	2.8871	241.7693	16.5000	38.2100	50.1700	0.8307		
1/14/2019	96.0297	0.9801	0.3590	1.3206	3.0928	242.9951	14.7900	38.2800	50.2100	0.7857		
1/15/2019	96.1936	0.9599	0.3531	1.2933	2.8217	243.0927	13.8900	38.1700	50.1100	0.8938		
1/16/2019	96.1958	0.9761	0.3491	1.2746	2.9879	241.0551	12.8800	38.2300	50.1900	0.9298		
1/17/2019	96.0705	0.9738	0.3374	1.2636	2.8629	241.7643	13.4900	38.2000	50.1400	0.9839		
1/18/2019	96.0705	0.9907	0.3348	1.3049	3.1581	243.4715	13.6900	38.3700	50.2600	1.0740		
1/19/2019	95.9384	0.9855	0.3623	1.3110	3.0059	249.3529	14.6900	38.2300	50.1400	1.0289		
1/20/2019	96.0314	0.9783	0.3592	1.3049	3.0559	244.7403	14.6900	38.2300	50.1300	0.9929		
1/21/2019	95.9633	0.9563	0.3323	1.2690	2.9523	245.9817	14.9900	38.2100	50.1400	0.8758		
1/22/2019	95.9772	0.9876	0.3561	1.3100	3.0648	246.8577	16.6000	38.2500	50.1600	0.9028		
1/23/2019	95.8721	0.9887	0.3497	1.3012	3.2342	246.6246	17.1000	38.2900	50.1800	0.9118		
1/24/2019	95.9496	0.9549	0.3383	1.2422	3.0374	245.8573	16.8000	38.2600	50.1900	0.9569		
1/25/2019	96.0382	0.9587	0.3582	1.2699	3.2568	244.4195	16.8000	38.3300	50.2300	0.9388		
1/26/2019	96.0422	0.9661	0.3624	1.2980	3.3354	248.2365	15.9000	38.3700	50.2200	0.8668		
1/27/2019	95.8541	0.9579	0.3289	1.2583	3.0581	244.1530	15.4000	38.2500	50.1700	0.8397		
1/28/2019	95.8104	0.9598	0.2976	1.2550	2.8942	241.5012	322.1200	38.1900	50.1100	0.7767		
1/29/2019	95.7736	0.9566	0.3305	1.2596	3.3270	245.5107	15.0900	38.3400	50.2300	1.0560		
1/30/2019	95.6811	0.9361	0.3481	1.2505	3.3288	246.3952	13.7900	38.3700	50.2800	0.7947		
1/31/2019	95.9275	0.9625	0.3378	1.2729	3.2305	240.5474	13.8900	38.3100	50.2500	0.7947		


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Mínimo	95.6606	0.8996	0.1750	1.2315	2.8217	240.5474	12.8800	38.1700	50.1100	0.7767		
Promedio	95.9230	0.9984	0.3169	1.2847	3.1581	244.9843	26.3919	38.2977	50.1994	0.9720		
Máximo	96.1958	1.1544	0.3839	1.3565	3.6183	252.2740	322.1200	38.5000	50.3000	1.9750		
Desv. Est.	0.13331	0.05874	0.06093	0.03218	0.20765	2.80838	54.93271	0.08253	0.05549	0.22814		

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.
1/1/2019	95.3695	1.0100	0.1295	1.1680	2.8722	213.9789	17.4100	38.1700	50.0700	0.6145		
1/2/2019	95.0031	0.9897	0.1282	1.1457	2.8291	236.9445	17.9100	38.1600	50.0700	0.5424		
1/3/2019	95.0292	0.9465	0.1301	1.0961	2.7143	236.9912	17.1000	38.1800	50.1100	0.5604		
1/4/2019	95.1600	0.9555	0.1325	1.1076	2.6627	244.7270	16.1000	38.1600	50.0700	0.5874		
1/5/2019	95.2436	0.9926	0.1312	1.1545	2.9330	239.6596	16.2000	38.1800	50.0400	0.6235		
1/6/2019	95.2147	0.9436	0.2282	1.1867	2.9166	238.4423	18.3100	38.1900	50.0500	0.6325		
1/7/2019	95.6049	0.9399	0.2382	1.1974	2.8692	236.9597	16.4000	38.1900	50.0900	0.6145		
1/8/2019	95.2234	0.9384	0.2487	1.2114	2.8120	236.9409	14.7900	38.1600	50.0800	0.5874		
1/9/2019	95.6051	0.9521	0.2519	1.2158	2.7249	237.0115	13.8900	38.1100	50.0300	0.6865		
1/10/2019	95.4555	0.9495	0.2751	1.2500	2.7586	238.0441	14.7900	38.1200	50.0200	0.7676		
1/11/2019	95.5089	0.8571	0.2853	1.1956	2.6008	212.6119	16.3000	38.0900	50.0300	0.7316		
1/12/2019	95.6301	0.7991	0.3118	1.1271	2.7721	204.7247	16.1000	38.1500	50.1100	0.6505		
1/13/2019	95.7311	0.8369	0.2961	1.1739	2.6164	200.6293	14.3900	38.1200	50.0900	0.6595		
1/14/2019	95.5773	0.8190	0.2980	1.1593	2.6245	237.7470	12.9800	38.1100	50.0300	0.6235		
1/15/2019	95.7993	0.8987	0.3072	1.2254	2.4415	205.4944	12.2800	38.0400	50.0300	0.6505		
1/16/2019	95.7150	0.8380	0.2686	1.1870	2.4412	204.2642	11.6800	38.0400	50.0100	0.6775		
1/17/2019	95.7863	0.8926	0.2667	1.2003	2.5761	197.6626	11.6800	38.0800	50.0400	0.6415		
1/18/2019	95.4082	0.8769	0.2872	1.1723	2.5949	214.6431	11.9800	38.0900	50.0400	0.6685		
1/19/2019	95.5696	0.9046	0.2974	1.2062	2.6795	238.7192	12.3800	38.1200	50.0500	0.7406		
1/20/2019	95.5368	0.8928	0.3039	1.2082	2.6235	238.2483	12.4800	38.1200	50.0600	0.6055		
1/21/2019	95.6809	0.9071	0.2955	1.2141	2.6715	238.8425	12.4800	38.1200	50.0600	0.5063		
1/22/2019	95.5134	0.8915	0.3005	1.1974	2.6932	240.3260	14.1900	38.1200	50.0400	0.6325		
1/23/2019	95.3530	0.8708	0.2795	1.1746	2.8211	239.9335	15.3000	38.1800	50.0800	0.6235		
1/24/2019	95.6171	0.8724	0.2755	1.1781	2.7292	237.7890	14.8900	38.1500	50.1000	0.6415		
1/25/2019	95.3784	0.8506	0.2793	1.1960	2.5878	238.1957	14.0900	38.1200	50.0700	0.5784		
1/26/2019	95.1943	0.8558	0.2747	1.1573	2.5806	237.1001	13.9900	38.1000	50.0500	0.5514		
1/27/2019	95.5779	0.8685	0.2840	1.1752	2.8190	217.9195	13.8900	38.1800	50.1000	0.5153		
1/28/2019	95.7427	0.9544	0.2798	1.2348	2.8341	238.9736	13.8900	38.1700	50.0900	0.5153		
1/29/2019	95.2960	0.8908	0.2906	1.1875	2.8566	238.2999	12.4800	38.1700	50.1000	0.5874		
1/30/2019	95.3334	0.8220	0.2727	1.1370	2.9805	236.1069	12.3800	38.2400	50.1700	0.4072		
1/31/2019	95.4986	0.8445	0.2770	1.1331	2.7288	195.6172	12.2800	38.1100	50.0600	0.3982		

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Mínimo	95.0031	0.7991	0.1282	1.0961	2.4412	195.6172	11.6800	38.0400	50.0100	0.3982		
Promedio	95.4631	0.8988	0.2556	1.1798	2.7215	228.1790	14.3552	38.1368	50.0658	0.6072		
Máximo	95.7993	1.0100	0.3118	1.2500	2.9805	244.7270	18.3100	38.2400	50.1700	0.7676		
Desv. Est.	0.21805	0.05491	0.05899	0.03593	0.13585	15.67566	1.94805	0.04505	0.03384	0.08312		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.