


**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Valores promedio diarios)

<b>PERMISIONARIO:</b>	TRACTEBEL DIGAQRO, S.A. de C.V.	
<b>PUNTO DE MEDICIÓN:</b>	La Lira	
<b>ZONA DE MEDICIÓN:</b>	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)
	<b>83.0 MÍN.</b>	<b>3.0 MÁX.</b>	<b>6.0 MÁX.</b>	<b>6.0 MÁX.</b>	<b>11.0 MÁX.</b>	<b>271.15 MÁX</b>	<b>110.0 MÁX.</b>	<b>36.8 MÍN.</b>	<b>47.3 MÍN.</b>	<b>6.0 MÁX.</b>	<b>150.0 MÁX.</b>	<b>0.2 MÁX.</b>
2/1/2019	95.6583	0.8499	0.3105	1.1604	3.0926	201.4461	13.5400	38.2600	50.2200	0.6103		
2/2/2019	95.5759	0.7875	0.3444	1.1320	3.1882	223.1297	15.4100	38.3200	50.2600	0.5797		
2/3/2019	95.7753	0.8061	0.3699	1.1761	2.8992	241.6581	18.5100	38.2400	50.2100	0.6856		
2/4/2019	96.4536	0.7956	0.4259	1.2215	2.1784	241.8140	18.2100	38.0000	50.0600	0.6903		
2/5/2019	96.8398	0.8089	0.3523	1.1612	1.9013	240.3307	15.7800	37.9200	50.0300	0.6301		
2/6/2019	97.1134	0.8325	0.3267	1.1592	1.6243	239.8414	15.3800	37.8500	49.9800	0.5726		
2/7/2019	97.2192	0.8205	0.2966	1.1171	1.5754	243.5250	17.2000	37.8500	50.0000	0.6933		
2/8/2019	97.0715	0.7352	0.3343	1.0695	1.7482	241.9269	18.0700	37.9200	50.1000	0.6504		
2/9/2019	97.1863	0.7433	0.3626	1.1059	1.6198	240.9830	18.1600	37.8700	50.0400	0.6272		
2/10/2019	97.1918	0.8283	0.3478	1.1761	1.5446	247.3379	20.0100	37.8200	49.9800	0.6564		
2/11/2019	97.0156	0.8965	0.3299	1.2264	1.6249	250.0979	22.9700	37.8500	49.9300	0.7122		
2/12/2019	97.1258	0.9006	0.3024	1.2030	1.5522	248.9278	25.8000	37.8300	49.9300	0.8597		
2/13/2019	97.0398	0.9208	0.2892	1.2100	1.6264	249.2366	23.1800	37.8500	49.9200	0.9859		
2/14/2019	97.0643	0.8791	0.3197	1.1986	1.6188	246.8240	20.8700	37.8400	49.9500	0.8624		
2/15/2019	96.8861	0.8877	0.3186	1.2062	1.8006	244.6199	22.2600	37.8700	49.9800	0.7926		
2/16/2019	96.9978	0.8532	0.3289	1.1822	1.7230	244.2770	25.0300	37.8700	49.9800	0.7127		
2/17/2019	96.9451	0.8320	0.3360	1.1680	1.7718	241.0178	24.9100	37.8800	50.0000	0.7381		
2/18/2019	96.9338	0.8733	0.3050	1.1783	1.7858	240.8338	23.2200	37.8800	49.9900	0.7016		
2/19/2019	96.9744	0.8323	0.3038	1.1362	1.7699	239.1859	22.4100	37.9000	50.0100	0.6836		
2/20/2019	97.0313	0.8495	0.2879	1.1374	1.7527	237.8427	23.2700	37.8700	50.0000	0.7221		
2/21/2019	96.9821	0.8351	0.2944	1.1295	1.8075	215.6722	20.3500	37.8800	50.0100	0.7136		
2/22/2019	96.9875	0.8156	0.3140	1.1296	1.8056	230.6255	17.9400	37.8900	50.0100	0.7858		
2/23/2019	96.9742	0.8734	0.3163	1.1897	1.7275	235.8319	18.2900	37.8700	49.9700	0.8209		
2/24/2019	96.8919	0.8753	0.3364	1.2117	1.7735	243.9884	17.3300	37.8700	49.9700	0.8409		
2/25/2019	96.8091	0.8618	0.3470	1.2088	1.8506	243.9319	16.4700	37.9100	49.9800	0.8494		
2/26/2019	96.8149	0.8450	0.3612	1.2061	1.8251	244.6158	15.7100	37.9200	49.9800	0.8532		
2/27/2019	96.6861	0.8418	0.3556	1.1973	1.9923	244.8476	15.6000	37.9700	50.0200	0.8115		
2/28/2019	96.8527	0.8506	0.3500	1.2007	1.8429	243.2562	17.5500	37.9000	49.9900	0.7927		

\*/ 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>	95.5759	0.7352	0.2879	1.0695	1.5446	201.4461	13.5400	37.8200	49.9200	0.5726		
<b>Promedio</b>	96.8249	0.8404	0.3310	1.1714	1.8937	239.5581	19.4082	37.9250	50.0179	0.7370		
<b>Máximo</b>	97.2192	0.9208	0.4259	1.2264	3.1882	250.0979	25.8000	38.3200	50.2600	0.9859		
<b>Desv. Est.</b>	0.43797	0.04309	0.02995	0.03931	0.43499	10.51767	3.43125	0.12937	0.08412	0.09980		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**  
(Registros Máximos diarios)

<b>PERMISIONARIO:</b>	TRACTEBEL DIGAQRO, S.A. de C.V.	
<b>PUNTO DE MEDICIÓN:</b>	La Lira	
<b>ZONA DE MEDICIÓN:</b>	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.	43.6 MÁX.	53.2 MÁX.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
2/1/2019	95.8207	0.9513	0.3394	1.2530	3.2685	237.2096	321.9200	38.3200	50.2800	0.8307		
2/2/2019	95.7129	0.8172	0.3835	1.1699	3.3581	239.6224	17.2100	38.3700	50.3400	0.7316		
2/3/2019	96.4276	0.8636	0.4178	1.2288	3.3665	247.1497	20.0200	38.4600	50.3200	0.8758		
2/4/2019	96.7822	0.8500	0.4768	1.2881	2.3223	245.1480	19.4200	38.0500	50.1300	0.8758		
2/5/2019	97.0778	0.8785	0.3910	1.2106	2.1575	251.0992	17.1000	38.0200	50.1300	0.8127		
2/6/2019	97.2961	0.9566	0.3661	1.2846	1.9261	248.3139	17.4100	38.0600	50.1000	0.7046		
2/7/2019	97.4515	0.8994	0.3368	1.1918	1.7154	248.1283	19.0100	37.9100	50.0900	0.8307		
2/8/2019	97.2981	0.8398	0.3889	1.1586	2.1016	252.4810	19.3200	38.0900	50.1900	0.8758		
2/9/2019	97.3650	0.8247	0.3919	1.1806	1.8380	244.8304	19.7200	37.9500	50.1300	0.7767		
2/10/2019	97.2707	0.8894	0.3964	1.2347	1.6628	251.0160	21.6300	37.8600	50.0300	0.7676		
2/11/2019	97.2335	0.9401	0.3847	1.2762	1.8693	253.9499	24.1400	37.9200	49.9900	0.8127		
2/12/2019	97.1999	0.9672	0.3388	1.2326	1.6411	252.8305	27.2600	37.8500	49.9600	0.9478		
2/13/2019	97.2245	0.9672	0.3671	1.2785	1.7654	253.4385	25.0400	37.9100	50.0100	1.1641		
2/14/2019	97.1772	0.9426	0.3671	1.2573	1.7112	251.8375	22.1300	37.8600	49.9900	1.0289		
2/15/2019	97.0293	0.9229	0.3495	1.2378	2.1443	248.7191	24.5400	38.0000	50.0300	0.9388		
2/16/2019	97.1364	0.9025	0.3586	1.2553	1.8441	248.5319	26.2500	37.9100	50.0300	0.8487		
2/17/2019	97.1117	0.8601	0.3656	1.1989	1.9668	246.0299	26.2500	37.9500	50.0500	4.0024		
2/18/2019	97.2203	0.9277	0.3355	1.2382	2.1312	245.1394	24.7400	37.9900	50.0400	0.8848		
2/19/2019	97.1374	0.8551	0.3210	1.1707	1.8622	245.2090	24.8400	37.9400	50.0600	0.8037		
2/20/2019	97.1062	0.8783	0.3113	1.1639	1.8579	245.4771	24.9400	37.9200	50.0500	0.8848		
2/21/2019	97.1126	0.8596	0.3164	1.1654	1.8873	241.9094	21.9300	37.9200	50.0500	0.8577		
2/22/2019	97.1465	0.8666	0.3318	1.1982	1.9175	240.1352	18.7100	37.9300	50.0700	0.9028		
2/23/2019	97.1884	1.0102	0.3481	1.3328	1.9230	244.8320	19.4200	37.9800	50.0800	0.9839		
2/24/2019	97.0819	0.9396	0.3899	1.2413	1.9233	246.4304	18.8100	37.9200	50.0100	0.9839		
2/25/2019	96.9517	0.9542	0.3959	1.3032	2.0051	246.0513	17.4100	37.9600	50.0600	1.0289		
2/26/2019	96.9180	0.9014	0.3928	1.2801	1.9076	247.6208	16.9000	37.9700	50.0700	1.0199		
2/27/2019	96.8593	0.9148	0.3855	1.2710	2.0744	248.7521	16.5000	38.0000	50.0800	0.9388		
2/28/2019	96.9870	0.9207	0.3751	1.2745	2.0891	247.6527	18.3100	37.9700	50.0500	0.9749		

\*/ 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>	95.7129	0.8172	0.3113	1.1586	1.6411	237.2096	16.5000	37.8500	49.9600	0.7046		
<b>Promedio</b>	97.0116	0.9036	0.3687	1.2349	2.0799	247.1266	31.8171	37.9996	50.0864	1.0032		
<b>Máximo</b>	97.4515	1.0102	0.4768	1.3328	3.3665	253.9499	321.9200	38.4600	50.3400	4.0024		
<b>Desv. Est.</b>	0.40387	0.04865	0.03514	0.04773	0.46935	4.16864	56.95366	0.14839	0.09394	0.59657		

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 <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.
2/1/2019	95.4087	0.7810	0.2822	1.0904	2.9182	195.2942	13.2900	38.2100	50.1200	0.3532		
2/2/2019	95.3938	0.7320	0.3178	1.0712	3.0327	197.4334	13.2900	38.2500	50.2300	0.3532		
2/3/2019	95.1458	0.7571	0.3204	1.1239	2.2449	237.6521	16.3000	38.0200	50.0600	0.3892		
2/4/2019	96.2663	0.7158	0.3627	1.0810	2.0125	239.6827	16.4000	37.9700	50.0000	0.4343		
2/5/2019	96.6052	0.7269	0.3091	1.0770	1.6467	194.3557	14.2900	37.8100	49.9300	0.4343		
2/6/2019	96.6265	0.7940	0.3013	1.1053	1.4463	212.8394	13.7900	37.7600	49.8700	0.3622		
2/7/2019	97.0195	0.7387	0.2597	1.0261	1.3777	239.6990	15.2000	37.7900	49.9400	0.5424		
2/8/2019	96.5983	0.6417	0.2711	1.0018	1.5523	236.5063	17.1000	37.8400	50.0000	0.4613		
2/9/2019	96.9917	0.6577	0.3272	1.0170	1.4461	237.1263	16.8000	37.7900	49.9600	0.5153		
2/10/2019	97.0484	0.7546	0.2832	1.0955	1.4692	242.6877	18.0100	37.7600	49.9000	0.5244		
2/11/2019	96.7683	0.8485	0.2832	1.1384	1.5155	247.6347	20.9200	37.8000	49.8800	0.5874		
2/12/2019	97.0176	0.8758	0.2410	1.1761	1.4928	246.5401	23.7400	37.7900	49.9000	0.6865		
2/13/2019	96.8974	0.8706	0.2319	1.1393	1.4940	246.4803	21.0200	37.7900	49.8800	0.7767		
2/14/2019	96.9515	0.8383	0.2870	1.1511	1.4998	243.3456	19.1100	37.7900	49.9000	0.6415		
2/15/2019	96.5111	0.8610	0.2923	1.1777	1.6817	240.3025	19.3200	37.8400	49.9300	0.5694		
2/16/2019	96.7760	0.8095	0.3029	1.1162	1.5844	240.5157	23.9400	37.8200	49.9400	0.4973		
2/17/2019	96.7550	0.8122	0.3084	1.1250	1.6580	237.7282	23.1300	37.8400	49.9600	0.5063		
2/18/2019	96.5538	0.8339	0.2745	1.1191	1.5571	236.2472	21.2300	37.8200	49.9200	0.4703		
2/19/2019	96.8481	0.7748	0.2821	1.0716	1.6952	210.9931	20.8200	37.8600	49.9900	0.5153		
2/20/2019	96.9374	0.8068	0.2645	1.0968	1.6699	195.6566	21.3300	37.8500	49.9800	0.5153		
2/21/2019	96.8963	0.8071	0.2676	1.0969	1.7128	193.9287	17.7100	37.8700	49.9900	0.5334		
2/22/2019	96.8139	0.7834	0.2832	1.0920	1.6539	194.9504	17.4100	37.8400	49.9800	0.6055		
2/23/2019	96.7127	0.7833	0.2722	1.0916	1.5910	193.9474	17.3100	37.7600	49.8200	0.6055		
2/24/2019	96.7357	0.8402	0.2734	1.1649	1.6145	241.7905	15.5000	37.8200	49.9300	0.6505		
2/25/2019	96.6268	0.7951	0.2998	1.1531	1.6671	240.9277	15.2000	37.8300	49.8900	0.6325		
2/26/2019	96.7491	0.7990	0.3263	1.1366	1.7454	242.2131	14.1900	37.8600	49.9200	0.6415		
2/27/2019	96.5930	0.7938	0.3263	1.1360	1.8707	241.8448	14.2900	37.9100	49.9500	0.6145		
2/28/2019	96.5667	0.8208	0.3111	1.1564	1.7099	240.5195	16.2000	37.8400	49.9200	0.5334		

\*/ 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>	95.1458	0.6417	0.2319	1.0018	1.3777	193.9287	13.2900	37.7600	49.8200	0.3532		
<b>Promedio</b>	96.6005	0.7876	0.2915	1.1081	1.7343	227.4587	17.7443	37.8618	49.9532	0.5340		
<b>Máximo</b>	97.0484	0.8758	0.3627	1.1777	3.0327	247.6347	23.9400	38.2500	50.2300	0.7767		
<b>Desv. Est.</b>	0.48972	0.05748	0.02841	0.04517	0.39358	20.66321	3.22449	0.11913	0.08111	0.10502		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.