

**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)
	<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>
01/04/2018	96.7409	0.9989	0.1751	1.1740	1.9163	250.3860	25.8500	37.9700	50.0100	0.0943		
02/04/2018	96.9567	0.8471	0.1471	0.9941	1.9052	248.3170	27.1500	38.0300	50.1500	0.0473		
03/04/2018	97.2184	0.7922	0.1395	0.9318	1.7264	245.0382	25.2100	37.9800	50.1700	0.0601		
04/04/2018	97.1925	0.7383	0.1758	0.9142	1.7541	244.5089	23.2700	38.0000	50.2100	0.0567		
05/04/2018	97.1936	0.7124	0.1814	0.8938	1.7867	242.7423	23.3600	38.0100	50.2200	0.0451		
06/04/2018	96.8197	0.8335	0.2144	1.0479	1.9447	245.2285	24.2700	38.0300	50.1500	0.1073		
07/04/2018	96.9283	0.8164	0.2160	1.0323	1.8782	248.2850	22.6400	38.0100	50.1400	0.1024		
08/04/2018	96.9611	0.7616	0.2182	0.9798	1.8951	249.3203	35.4400	38.0500	50.2100	0.0950		
09/04/2018	96.8749	0.8009	0.2115	1.0125	1.9321	249.7688	40.2100	38.0500	50.1800	0.1148		
10/04/2018	96.4984	0.8842	0.1814	1.0656	2.2477	246.9620	22.0000	38.1100	50.1500	0.1148		
11/04/2018	96.6069	0.8892	0.1717	1.0609	2.1678	248.0677	23.5600	38.0900	50.1400	0.0953		
12/04/2018	96.5313	0.8379	0.1943	1.0322	2.2300	249.1451	23.1800	38.1400	50.2000	0.0962		
13/04/2018	96.3787	0.8015	0.2074	1.0089	2.4144	250.5371	22.6500	38.2000	50.2600	0.0848		
14/04/2018	96.2800	0.9264	0.2021	1.1284	2.3891	251.9966	21.6200	38.1500	50.1500	0.0900		
15/04/2018	96.5018	0.8330	0.1971	1.0300	2.2799	252.0758	21.1600	38.1500	50.2200	0.0628		
16/04/2018	96.0908	0.8837	0.2235	1.1072	2.4988	256.1537	26.3700	38.2500	50.2300	0.0645		
17/04/2018	96.3125	0.8697	0.2210	1.0906	2.4139	249.7054	30.7300	38.1500	50.1700	0.0813		
18/04/2018	96.3457	0.8798	0.2352	1.1149	2.3519	249.3450	25.6600	38.1300	50.1400	0.1148		
19/04/2018	96.4483	0.8486	0.2199	1.0685	2.3200	250.1710	24.6500	38.1300	50.1800	0.0890		
20/04/2018	96.4244	0.8724	0.1990	1.0714	2.3419	249.1423	23.7700	38.1300	50.1700	0.1179		
21/04/2018	96.4499	0.7918	0.2136	1.0054	2.3617	250.4425	24.6700	38.1600	50.2500	0.1141		
22/04/2018	96.5843	0.8156	0.1993	1.0150	2.2107	249.2366	27.1700	38.1300	50.2100	0.0840		
23/04/2018	96.6459	0.8546	0.1800	1.0345	2.1577	249.4348	29.5500	38.1000	50.1600	0.1027		
24/04/2018	96.5967	0.8720	0.1943	1.0664	2.1835	249.9756	29.0300	38.0900	50.1500	0.1019		
25/04/2018	96.5250	0.8526	0.2010	1.0536	2.2754	248.5743	29.4000	38.1100	50.1900	0.1018		
26/04/2018	96.4342	0.8608	0.2022	1.0630	2.3526	248.7666	28.0400	38.1400	50.1700	0.0977		
27/04/2018	96.5074	0.8934	0.1683	1.0618	2.2736	248.3274	25.4200	38.1100	50.1500	0.0993		
28/04/2018	96.4564	0.9410	0.1783	1.1193	2.2639	247.3763	23.5900	38.0800	50.1100	0.1025		
29/04/2018	96.4648	0.9035	0.1823	1.0858	2.2776	247.5361	22.2300	38.1000	50.1300	0.1095		
30/04/2018	96.5078	0.9209	0.1731	1.0939	2.2342	249.1161	21.6800	38.1000	50.1200	0.1072		

\*/ 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>	96.0908	0.7124	0.1395	0.8938	1.7264	242.7423	21.1600	37.9700	50.0100	0.0451		
<b>Promedio</b>	96.6159	0.8511	0.1941	1.0453	2.1662	248.8561	25.7843	38.0960	50.1697	0.0918		
<b>Máximo</b>	97.2184	0.9989	0.2352	1.1740	2.4988	256.1537	40.2100	38.2500	50.2600	0.1179		
<b>Desv. Est.</b>	0.28393	0.06046	0.02268	0.06220	0.22124	2.49142	4.20647	0.06516	0.04839	0.02073		

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 <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.
01/04/2018	96.9622	1.1747	0.2028	1.3538	2.2437	255.0729	27.7600	38.1800	50.3000	0.1820		
02/04/2018	97.3684	1.0489	0.1983	1.2472	2.4128	254.5315	28.4600	38.2100	50.3000	0.1910		
03/04/2018	97.3836	0.9035	0.1866	1.0228	1.8516	247.7146	26.4500	38.0400	50.2900	0.1189		
04/04/2018	97.3471	0.8145	0.1953	1.0075	1.9118	247.8092	331.1700	38.0300	50.2400	0.1549		
05/04/2018	97.5314	0.8236	0.2119	1.0320	1.9352	247.5961	24.0400	38.0900	50.3600	0.1189		
06/04/2018	97.1144	0.9243	0.2381	1.1363	2.1516	251.9544	25.2500	38.2200	50.2200	0.1730		
07/04/2018	97.0456	0.8801	0.2350	1.1005	2.0848	250.3232	23.6400	38.1500	50.2100	0.1820		
08/04/2018	97.0716	0.8098	0.2395	1.0297	2.1076	250.6777	331.1700	38.1200	50.2600	0.1820		
09/04/2018	97.1140	0.8530	0.2438	1.0618	2.3155	251.6067	49.5700	38.1600	50.2200	0.1910		
10/04/2018	96.6566	0.9311	0.2119	1.0925	2.3324	250.7127	331.1700	38.1600	50.2200	0.5334		
11/04/2018	96.7313	0.9564	0.1916	1.1164	2.2661	250.0855	25.2500	38.1100	50.2000	0.1459		
12/04/2018	96.6733	0.9126	0.2191	1.1015	2.4352	251.2327	24.4400	38.2600	50.3100	0.2000		
13/04/2018	96.5513	0.8898	0.2431	1.1116	2.5497	252.0808	23.7400	38.2500	50.3200	0.1549		
14/04/2018	96.5380	0.9785	0.2399	1.1989	2.5394	253.5743	22.5300	38.2300	50.2600	0.1820		
15/04/2018	96.7094	0.9275	0.2285	1.1158	2.4460	254.3145	22.1300	38.2100	50.2800	0.1910		
16/04/2018	96.3807	0.9964	0.2822	1.2157	2.7621	266.6371	30.7700	38.4700	50.3500	0.1459		
17/04/2018	96.4925	0.9104	0.2423	1.1429	2.5274	252.8223	33.1800	38.1800	50.2200	0.1459		
18/04/2018	96.4165	0.9059	0.2569	1.1489	2.6086	251.4308	28.2600	38.1900	50.1900	0.2180		
19/04/2018	96.6361	0.9308	0.2413	1.1460	2.5490	253.1133	321.8200	38.1800	50.2300	0.1639		
20/04/2018	96.6053	0.9411	0.2274	1.1558	2.5546	252.0596	331.1700	38.1900	50.2500	0.2000		
21/04/2018	96.6206	0.8553	0.2413	1.0854	2.6165	252.2874	26.3500	38.2700	50.3400	0.2000		
22/04/2018	96.7256	0.8659	0.2217	1.0584	2.2771	252.8319	29.2700	38.1500	50.2900	0.1549		
23/04/2018	96.7542	0.9116	0.2094	1.1127	2.4396	251.2303	30.8700	38.1600	50.2000	0.2000		
24/04/2018	96.7005	0.9209	0.2252	1.1126	2.5631	252.3769	29.8700	38.2100	50.2200	0.1910		
25/04/2018	96.7226	0.8973	0.2251	1.1002	2.4965	251.9924	321.7200	38.1900	50.2300	0.1820		
26/04/2018	96.5328	0.9321	0.2201	1.1242	2.5817	250.5035	29.8700	38.2000	50.2300	0.1730		
27/04/2018	96.6594	0.9324	0.1920	1.1010	2.4591	249.5587	331.1700	38.1700	50.2300	0.1820		
28/04/2018	96.6383	1.0287	0.2204	1.2132	2.4817	249.1290	25.2500	38.1600	50.2300	0.1820		
29/04/2018	96.6450	0.9864	0.1998	1.1756	2.4068	250.1772	24.1400	38.1400	50.1800	0.1910		
30/04/2018	96.6192	1.0132	0.1915	1.1624	2.3002	252.8142	22.2300	38.1200	50.1800	0.1730		

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

Mínimo	96.3807	0.8098	0.1866	1.0075	1.8516	247.5961	22.1300	38.0300	50.1800	0.1189		
Promedio	96.7983	0.9286	0.2227	1.1261	2.3736	251.9417	97.7570	38.1800	50.2520	0.1868		
Máximo	97.5314	1.1747	0.2822	1.3538	2.7621	266.6371	331.1700	38.4700	50.3600	0.5334		
Desv. Est.	0.30781	0.07514	0.02242	0.07218	0.22513	3.36291	129.57537	0.07843	0.05068	0.06959		

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)
	<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>
01/04/2018	96.3422	0.7621	0.1259	0.9220	1.6412	245.1251	24.5400	37.8300	49.8200	0.0018		
02/04/2018	96.2925	0.7405	0.0839	0.9067	1.5956	241.8749	24.7400	37.9200	49.9900	0.0018		
03/04/2018	97.0587	0.7041	0.0974	0.8040	1.5973	243.2013	22.8300	37.9100	50.0800	0.0018		
04/04/2018	96.9845	0.6868	0.1529	0.8517	1.6631	241.7106	22.8300	37.9600	50.1400	0.0018		
05/04/2018	96.8827	0.5678	0.1605	0.7319	1.6326	224.0573	22.0300	37.9600	50.1400	0.0468		
06/04/2018	96.3381	0.7266	0.1926	0.9292	1.8019	226.3617	22.2300	37.9700	50.0700	0.0468		
07/04/2018	96.5705	0.7540	0.1984	0.9663	1.7783	246.2738	20.9200	37.9800	50.0900	0.0018		
08/04/2018	96.7522	0.7166	0.1935	0.9305	1.8075	247.4441	20.9200	38.0300	50.1500	0.0558		
09/04/2018	96.4453	0.7651	0.1901	0.9678	1.7427	247.6319	35.0900	37.9900	50.1600	0.0558		
10/04/2018	96.3982	0.8326	0.1498	1.0143	2.1637	245.3102	21.5300	38.0700	50.1200	0.0378		
11/04/2018	96.4675	0.8433	0.1495	0.9963	2.0697	246.1005	21.5300	38.0500	50.1000	0.0378		
12/04/2018	96.2876	0.7819	0.1716	0.9714	2.1326	247.2145	21.9300	38.0700	50.1200	0.0108		
13/04/2018	96.1844	0.7651	0.1879	0.9616	2.2736	249.2086	21.1200	38.1600	50.1800	0.0018		
14/04/2018	96.0978	0.8091	0.1787	1.0343	2.2031	250.4962	20.5200	38.0800	50.0800	0.0018		
15/04/2018	96.2965	0.7771	0.1515	0.9571	2.1039	249.0043	20.3200	38.0800	50.1100	0.0018		
16/04/2018	95.6303	0.8161	0.1885	1.0194	2.3795	249.4103	21.2300	38.1500	50.1400	0.0018		
17/04/2018	96.1766	0.8356	0.2054	1.0481	2.2814	246.8530	27.2600	38.1200	50.1500	0.0018		
18/04/2018	96.0870	0.8479	0.2135	1.0769	2.3041	246.9648	22.6300	38.1000	50.1200	0.0288		
19/04/2018	96.1584	0.7946	0.1969	1.0083	2.1616	248.0400	22.6300	38.0900	50.1300	0.0288		
20/04/2018	96.1714	0.8238	0.1655	0.9914	2.2063	247.2264	22.6300	38.0900	50.1200	0.0288		
21/04/2018	96.0385	0.6979	0.1797	0.9280	2.2269	248.8666	22.6300	38.1300	50.1900	0.0108		
22/04/2018	96.4982	0.7292	0.1735	0.9198	2.1523	247.6062	23.7400	38.0900	50.1700	0.0108		
23/04/2018	96.2553	0.8223	0.1584	0.9987	2.0768	247.6668	27.5600	38.0600	50.1400	0.0378		
24/04/2018	96.1429	0.8083	0.1704	0.9987	2.0749	248.1409	27.8600	38.0500	50.1000	0.0378		
25/04/2018	96.2250	0.8213	0.1829	1.0197	2.0971	245.8712	27.8600	38.0600	50.1400	0.0378		
26/04/2018	96.1693	0.8215	0.1739	1.0242	2.2446	246.5944	25.7500	38.0900	50.1200	0.0198		
27/04/2018	96.3671	0.8567	0.1497	1.0219	2.1411	246.7178	25.7500	38.0500	50.1100	0.0198		
28/04/2018	96.2467	0.8444	0.1537	1.0060	2.1355	245.5222	21.8300	38.0000	50.0100	0.0288		
29/04/2018	96.3075	0.8592	0.1638	1.0411	2.1518	244.4927	20.3200	38.0400	50.0600	0.0288		
30/04/2018	96.4193	0.8665	0.1379	1.0384	2.1495	246.2555	20.7200	38.0400	50.0600	0.0468		

\*/ 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>	95.6303	0.5678	0.0839	0.7319	1.5956	224.0573	20.3200	37.8300	49.8200	0.0018		
<b>Promedio</b>	96.3431	0.7826	0.1666	0.9695	2.0330	245.2415	23.4493	38.0407	50.1037	0.0225		
<b>Máximo</b>	97.0587	0.8665	0.2135	1.0769	2.3795	250.4962	35.0900	38.1600	50.1900	0.0558		
<b>Desv. Est.</b>	0.29046	0.06619	0.02931	0.07469	0.23936	5.81550	3.20222	0.07465	0.07005	0.01863		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.