

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.
01/03/2015	90.6089	0.4508	2.2725	2.7232	5.6678	260.7777	84.1400	39.0300	50.0400	1.4978		
02/03/2015	91.0207	0.4823	2.0679	2.5505	5.5890	257.2279	84.2900	38.9400	50.0700	1.4448		
03/03/2015	89.6537	0.3778	3.0754	3.4533	5.8939	259.9780	73.9200	38.8000	49.6200	1.8086		
04/03/2015	88.6591	0.3208	3.6543	3.9750	6.2866	262.2847	79.8100	38.7900	49.4000	1.7870		
05/03/2015	88.6022	0.3576	3.3045	3.6622	6.4781	265.5414	90.1400	39.1000	49.7100	1.6997		
06/03/2015	88.7409	0.3259	3.1052	3.4312	6.5619	265.1595	121.5900	39.2200	49.8800	1.6465		
07/03/2015	89.0864	0.3759	2.8725	3.2486	6.4092	264.0017	111.4900	39.2300	49.9500	1.4402		
08/03/2015	89.0163	0.3786	3.2379	3.6164	6.2719	261.1483	113.8500	38.9300	49.6200	1.7214		
09/03/2015	89.1765	0.4160	2.9553	3.3713	6.1717	260.9406	97.8100	39.0900	49.8100	1.0263		
10/03/2015	89.3099	0.4359	2.8920	3.3279	6.2581	260.3549	88.8500	39.0400	49.7900	0.3898		
11/03/2015	89.3056	0.4414	2.9436	3.3849	6.2691	260.5993	96.6800	38.9800	49.7400	0.9801		
12/03/2015	89.5111	0.4468	2.6677	3.1145	6.2581	261.4732	101.2000	39.1200	49.9300	1.2802		
13/03/2015	90.0994	0.4892	2.4177	2.9068	5.9669	259.9523	81.5600	39.0600	49.9700	1.3087		
14/03/2015	89.9163	0.4628	2.6401	3.1029	6.0692	260.6269	82.4800	38.9400	49.8300	1.1942		
15/03/2015	89.5091	0.4186	3.0887	3.5070	6.0894	260.2895	76.2000	38.7900	49.5800	1.2247		
16/03/2015	89.1354	0.3663	3.3003	3.6666	6.0823	263.1432	73.9400	38.8800	49.5800	1.4110		
17/03/2015	89.7104	0.3561	3.1551	3.5112	5.8245	262.9760	85.6400	38.7700	49.5800	1.3634		
18/03/2015	89.5866	0.3547	3.2918	3.6463	5.8236	261.6691	110.2000	38.7100	49.4800	1.0402		
19/03/2015	90.1678	0.4176	2.7546	3.1721	5.7631	260.8530	120.5100	38.8400	49.7500	0.3896		
20/03/2015	90.0959	0.4515	2.9069	3.3586	5.6018	262.5107	119.5100	38.7600	49.6200	0.3890		
21/03/2015	90.1675	0.4609	2.8710	3.3317	5.6095	262.7620	115.2900	38.7400	49.6200	0.3893		
22/03/2015	89.7771	0.4016	3.1596	3.5612	5.7069	263.7729	111.2700	38.7200	49.5200	0.3883		
23/03/2015	89.3892	0.3944	3.5664	3.9607	5.6619	265.2291	113.5600	38.6000	49.2700	0.3903		
24/03/2015	90.1101	0.4252	3.0634	3.4887	5.5364	262.8294	124.1200	38.6300	49.5000	0.3911		
25/03/2015	91.6524	0.6037	1.7126	2.3163	5.2678	260.5575	103.6500	38.9100	50.1300	0.3857		
26/03/2015	92.2470	0.6382	1.3693	2.0076	5.0847	258.8115	79.8500	38.9100	50.2600	0.3898		
27/03/2015	90.6557	0.4306	2.8575	3.2882	5.2520	263.0822	88.6500	38.5900	49.5600	0.3895		
28/03/2015	91.3537	0.4944	2.7628	3.2571	4.7779	259.7588	106.5700	38.3100	49.3900	0.3896		
29/03/2015	92.5229	0.6550	1.4538	2.1089	4.8893	255.0312	68.4200	38.6700	50.0700	0.3898		
30/03/2015	92.3210	0.5860	1.7458	2.3318	4.8524	254.5182	49.5500	38.6000	49.9400	0.3893		
31/03/2015	92.7477	0.6719	1.3985	2.0703	4.7254	254.3712	37.8600	38.6000	50.0400	0.3894		

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

Mínimo	88.6022	0.3208	1.3693	2.0076	4.7254	254.3712	37.8600	38.3100	49.2700	0.3857		
Promedio	90.1244	0.4480	2.7279	3.1759	5.7645	261.0397	93.3097	38.8484	49.7500	0.9460		
Máximo	92.7477	0.6719	3.6543	3.9750	6.5619	265.5414	124.1200	39.2300	50.2600	1.8086		
Desv. Est.	1.17150	0.09394	0.62912	0.54158	0.52095	2.84104	21.09747	0.21094	0.24670	0.54884		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ

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.
01/03/2015	92.6568	0.6572	2.7355	3.1262	6.1686	263.8890	91.2700	39.1900	50.6200	2.0821		
02/03/2015	93.4049	0.7411	2.8541	3.2280	6.0357	261.0173	103.3500	39.1600	50.8100	2.0909		
03/03/2015	96.0539	0.5931	5.0398	5.1977	6.5945	264.5618	103.4500	38.9800	50.5900	2.4233		
04/03/2015	90.5574	0.4824	4.8659	5.0714	7.0341	267.0642	92.0800	39.0300	49.8300	2.5108		
05/03/2015	93.5414	0.8825	4.3154	4.5612	7.0077	269.6743	123.1700	39.3100	50.6300	2.3534		
06/03/2015	90.6228	0.4955	3.8326	4.0719	7.4183	268.5859	146.5200	39.5300	50.2500	2.3359		
07/03/2015	89.6847	0.4287	4.3776	4.5764	7.4262	268.7468	331.4800	39.5700	50.1000	2.0384		
08/03/2015	90.2033	0.4644	3.7381	4.0565	6.5761	266.0490	126.5000	39.2600	49.9700	2.2659		
09/03/2015	89.8140	0.5002	3.8151	4.1270	6.7012	277.2693	115.4300	39.2300	50.0200	1.8634		
10/03/2015	90.6524	0.5667	4.1806	4.4530	6.9308	265.0142	118.5500	39.2100	50.1000	0.4024		
11/03/2015	90.2337	0.5095	4.1922	4.4722	6.7681	265.9094	119.3500	39.1800	49.9500	28.8264		
12/03/2015	90.4822	0.5595	3.6242	3.9722	6.7617	264.2412	124.5800	39.2600	50.2500	1.6885		
13/03/2015	94.0817	0.7256	3.2740	3.6739	6.3055	263.7108	90.9700	39.3100	50.9000	1.5922		
14/03/2015	90.5541	0.5575	3.2327	3.6131	6.3492	273.1711	96.0000	39.1300	50.0400	1.5222		
15/03/2015	90.1777	0.4912	4.2102	4.4857	6.5682	268.1537	85.7400	38.9100	49.7600	1.6185		
16/03/2015	90.1854	0.4077	3.6405	3.9987	6.4431	264.7169	83.5300	39.1900	49.8700	1.9684		
17/03/2015	90.3788	0.4391	3.5580	3.8695	6.0469	264.5025	102.2400	38.9600	49.8400	1.7147		
18/03/2015	90.3932	0.4633	3.7174	4.0340	6.1663	263.7614	122.8700	38.9100	49.8000	2.8083		
19/03/2015	90.7825	0.5427	3.0283	3.4441	5.9650	263.2178	126.2900	38.9600	49.9000	0.4112		
20/03/2015	90.7683	0.5143	3.5782	3.9461	6.0067	264.8334	148.0300	38.8800	49.8300	0.4112		
21/03/2015	91.1693	0.5650	3.5283	3.8838	5.9289	265.2835	150.4500	38.8600	49.9000	0.4112		
22/03/2015	90.8280	0.5171	5.9773	6.0177	6.1416	268.3351	323.2300	38.9900	49.8400	0.4287		
23/03/2015	90.2821	0.4744	4.2022	4.5133	6.0172	268.7732	138.0700	38.8700	49.5800	0.4112		
24/03/2015	91.1423	0.6031	3.7945	4.1424	6.0181	266.9789	155.5800	38.8700	49.8600	0.4112		
25/03/2015	95.1520	0.8407	3.4742	3.8196	5.7529	266.2372	327.1600	39.0800	50.6900	0.4112		
26/03/2015	93.7407	0.7768	2.3838	2.8403	5.2225	265.2262	92.3800	39.0800	50.7300	0.4112		
27/03/2015	91.3971	0.4785	3.4458	3.8355	5.5264	266.1732	100.1300	38.7900	49.8600	0.4112		
28/03/2015	91.9481	0.5676	3.3441	3.7893	5.1369	265.1776	126.0900	38.7200	49.6500	0.4112		
29/03/2015	92.9204	0.7458	2.3074	2.8450	4.9702	257.2633	104.3600	38.8300	50.3400	0.4112		
30/03/2015	92.6747	0.6745	2.1927	2.7225	5.0118	258.0180	66.9200	38.8300	50.2800	0.4112		
31/03/2015	93.1712	0.7526	1.9984	2.5553	5.0276	255.9337	55.8500	38.8900	50.2300	0.4112		

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Mínimo	89.6847	0.4077	1.9984	2.5553	4.9702	255.9337	55.8500	38.7200	49.5800	0.4024		
Promedio	91.6018	0.5812	3.6277	3.9659	6.1945	265.5319	131.9877	39.0635	50.1297	2.1764		
Máximo	96.0539	0.8825	5.9773	6.0177	7.4262	277.2693	331.4800	39.5700	50.9000	28.8264		
Desv. Est.	1.67219	0.12729	0.85040	0.74608	0.67355	4.16794	69.13896	0.21181	0.36797	5.02049		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ

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.
01/03/2015	89.6261	0.3579	0.8079	1.4651	5.0948	255.7009	78.9000	38.7300	49.8100	0.6999		
02/03/2015	89.8257	0.3696	0.2804	1.0215	5.0510	253.2269	70.2400	38.7600	49.7600	0.9273		
03/03/2015	87.0783	0.1580	0.4175	0.8420	2.7019	255.6673	61.7900	38.4100	48.7200	1.2423		
04/03/2015	86.6166	0.1273	2.5486	3.0177	5.5590	256.4930	62.5900	38.6100	48.8700	1.3473		
05/03/2015	87.3589	0.2152	0.2682	1.1507	4.8593	252.2036	50.0100	38.7200	49.1700	0.5774		
06/03/2015	86.9676	0.2310	2.0230	2.4861	5.9167	261.6858	99.2200	39.1000	49.5600	1.1636		
07/03/2015	86.6288	0.1962	2.6064	3.0180	6.0818	256.8123	103.1950	39.1100	49.4100	1.2773		
08/03/2015	88.1388	0.3184	2.5845	3.0083	5.6210	257.5999	107.1700	38.7000	49.3400	1.3910		
09/03/2015	87.8996	0.3068	2.5241	3.0093	5.9187	257.9745	89.0600	38.8900	49.4200	0.8749		
10/03/2015	87.4983	0.2638	2.0720	2.6290	5.7209	256.5835	76.1800	38.8700	49.2600	0.3587		
11/03/2015	87.4286	0.2755	2.3858	2.8953	6.0418	256.5698	88.4600	38.7600	49.2600	0.7087		
12/03/2015	88.2629	0.3298	1.9466	2.5004	5.9594	255.4919	90.2700	38.8200	49.4100	1.0586		
13/03/2015	88.8800	0.4000	0.2987	1.0243	3.9218	255.2435	73.4600	38.7300	49.5800	0.9361		
14/03/2015	89.1525	0.3735	2.2055	2.7332	5.8820	255.7332	74.6700	38.7600	49.5700	0.8486		
15/03/2015	87.9495	0.2717	2.6314	3.1149	5.8444	257.5121	69.9400	38.5600	49.0600	0.9973		
16/03/2015	88.4871	0.3133	2.8406	3.2482	5.2240	260.3122	69.5400	38.4400	49.2300	1.1548		
17/03/2015	89.1912	0.2974	2.6514	3.0837	5.5671	258.2052	76.4800	38.6400	49.3800	1.1286		
18/03/2015	89.0452	0.3015	2.5769	3.0402	5.4863	256.4996	95.7000	38.4200	49.2000	0.3762		
19/03/2015	89.8305	0.3531	2.5217	2.9845	5.3040	255.7051	113.9200	38.6300	49.5500	0.3762		
20/03/2015	89.0793	0.3584	2.4282	2.9219	5.2443	257.8515	108.9900	38.5900	49.2900	0.3499		
21/03/2015	89.2012	0.3468	2.1476	2.7126	5.3390	256.7018	91.7800	38.6000	49.3400	0.3762		
22/03/2015	86.5694	0.0401	2.4971	3.0141	5.3415	258.3520	97.7650	38.1700	48.2400	0.3762		
23/03/2015	88.6094	0.3034	3.1168	3.5865	5.3803	261.2187	103.7500	38.2500	48.8600	0.3762		
24/03/2015	89.3232	0.3270	2.1794	2.7825	5.2781	256.2267	109.2900	38.3500	49.0800	0.3674		
25/03/2015	89.3956	0.3409	0.2724	1.0481	3.4262	254.4806	89.8150	38.5900	49.4100	0.3587		
26/03/2015	91.1073	0.4564	0.3285	1.1053	4.2500	254.7660	70.3400	38.7600	49.8400	0.3499		
27/03/2015	90.0787	0.3812	2.3817	2.8336	4.8179	257.0214	80.3000	38.2100	49.2600	0.3499		
28/03/2015	89.9989	0.4271	2.2306	2.7744	4.5339	252.6835	99.2200	38.0800	49.1000	0.3762		
29/03/2015	91.8508	0.5309	0.9539	1.6716	4.7916	251.1773	40.1500	38.3700	49.6000	0.3762		
30/03/2015	92.0099	0.5298	1.1661	1.8299	4.6698	250.2693	41.9600	38.3900	49.6700	0.3499		
31/03/2015	92.2791	0.5569	1.0485	1.7826	4.5639	250.5704	29.5900	38.3700	49.7200	0.3762		

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Mínimo	86.5694	0.0401	0.2682	0.8420	2.7019	250.2693	29.5900	38.0800	48.2400	0.3499		
Promedio	88.8829	0.3245	1.8368	2.3979	5.1417	256.0174	81.0885	38.5932	49.3216	0.7041		
Máximo	92.2791	0.5569	3.1168	3.5865	6.0818	261.6858	113.9200	39.1100	49.8400	1.3910		
Desv. Est.	1.55703	0.11249	0.93048	0.82473	0.78035	2.75574	21.64607	0.25268	0.34230	0.37388		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ