

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.
01/01/2020	94.2338	0.6581	0.7608	1.4191	4.1542	257.0235	13.5600	38.5400	50.3100	0.8226	<10.8	0.00
02/01/2020	94.5315	0.6055	0.8579	1.4635	3.7871	255.5211	13.4100	38.4300	50.2300	0.7483		
03/01/2020	94.4452	0.6338	0.8446	1.4785	3.8551	257.4702	14.4300	38.4400	50.2300	0.7243		
04/01/2020	94.1533	0.6274	0.8274	1.4549	4.1759	256.9505	16.0700	38.5400	50.3000	0.6009		
05/01/2020	94.0625	0.6369	0.7545	1.3915	4.3291	256.6064	16.3200	38.6100	50.3600	0.5150		
06/01/2020	94.1309	0.6122	0.7210	1.3332	4.3206	256.0864	14.8800	38.6400	50.4100	0.5384		
07/01/2020	94.1383	0.6655	0.6650	1.3305	4.2952	256.4328	13.7500	38.6300	50.3900	0.6414		
08/01/2020	94.2491	0.6775	0.6785	1.3560	4.1897	255.5214	13.5700	38.5700	50.3500	0.6763		
09/01/2020	94.3560	0.7187	0.6065	1.3253	4.1158	256.0891	13.6600	38.5600	50.3500	0.7271		
10/01/2020	94.4687	0.7678	0.5736	1.3415	3.9832	256.2102	13.9700	38.5200	50.3000	0.8259		
11/01/2020	94.3576	0.7445	0.5967	1.3412	4.0903	255.3757	14.0500	38.5600	50.3300	0.8006		
12/01/2020	94.1790	0.7285	0.6305	1.3589	4.2342	255.8831	13.9000	38.5900	50.3500	0.8033		
13/01/2020	94.3334	0.7280	0.6511	1.3791	4.0781	254.4088	13.4400	38.5200	50.2900	0.9097		
14/01/2020	94.0602	0.7466	0.6458	1.3924	4.3485	253.7168	13.7100	38.6000	50.3300	0.9323		
15/01/2020	94.0574	0.7502	0.6115	1.3616	4.3468	254.8241	13.1800	38.6300	50.3500	0.9160		
16/01/2020	94.3917	0.7263	0.6598	1.3861	4.0117	254.6099	22.6900	38.5100	50.2800	0.7638		
17/01/2020	94.3411	0.7357	0.7066	1.4424	4.0041	255.6941	17.6200	38.5000	50.2600	0.8995		
18/01/2020	94.3046	0.6932	0.7114	1.4045	4.0832	256.0076	17.6900	38.5300	50.3000	0.9239		
19/01/2020	94.3671	0.7067	0.6804	1.3872	4.0283	255.4427	16.8200	38.5200	50.3000	0.8437		
20/01/2020	94.3812	0.7414	0.6577	1.3992	3.9897	255.3613	15.6000	38.5100	50.2700	0.8605		
21/01/2020	94.3866	0.7406	0.6789	1.4195	3.9755	255.2585	15.0500	38.4800	50.2600	0.7839		
22/01/2020	94.2566	0.7325	0.6802	1.4127	4.1233	255.3372	14.0400	38.5300	50.2800	0.8527		
23/01/2020	94.3801	0.7261	0.6730	1.3990	4.0209	254.8366	13.6700	38.5000	50.2700	0.8658		
24/01/2020	94.4217	0.7089	0.7128	1.4217	3.9537	253.6772	13.6500	38.4700	50.2400	0.8303		
25/01/2020	94.4122	0.8013	0.5976	1.3990	4.0205	253.1996	13.4800	38.4800	50.2500	0.8522		
26/01/2020	94.3676	0.8470	0.5542	1.4012	4.0415	254.6512	14.5500	38.4900	50.2400	0.8750		
27/01/2020	94.2408	0.8379	0.5431	1.3810	4.1999	254.0578	14.5400	38.5500	50.2700	0.8499		
28/01/2020	94.2626	0.8377	0.5770	1.4148	4.1401	252.6113	13.5800	38.5100	50.2500	0.8046		
29/01/2020	94.2277	0.7975	0.6340	1.4315	4.1609	252.5482	13.0500	38.5200	50.2500	0.7305		
30/01/2020	94.3031	0.8042	0.6495	1.4537	4.0828	251.1816	12.7300	38.4700	50.2200	0.7670		
31/01/2020	94.4317	0.8127	0.6500	1.4627	3.9491	251.1724	13.0800	38.4300	50.1800	0.9220		

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

Mínimo	94.0574	0.6055	0.5431	1.3253	3.7871	251.1724	12.7300	38.4300	50.1800	0.5150		
Promedio	94.2978	0.7274	0.6707	1.3982	4.0996	254.9602	14.6368	38.5284	50.2903	0.7938		
Máximo	94.5315	0.8470	0.8579	1.4785	4.3485	257.4702	22.6900	38.6400	50.4100	0.9323		
Desv. Est.	0.12618	0.06677	0.07836	0.04182	0.14088	1.58155	1.98773	0.05663	0.05320	0.10932		

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.
01/01/2020	94.6580	0.8932	0.8862	1.5438	4.4616	261.3459	14.2900	38.6500	50.4400	1.2362		
02/01/2020	94.7396	0.6746	0.9529	1.5495	3.9172	257.7704	14.0900	38.4900	50.2900	0.9569		
03/01/2020	94.7294	0.6882	0.9162	1.5372	4.2931	259.0628	14.9900	38.5800	50.3700	0.9208		
04/01/2020	94.5344	0.6860	0.8806	1.4886	4.5295	257.9287	17.3100	38.6500	50.3600	0.8307		
05/01/2020	94.3388	0.6830	0.8152	1.4933	4.8133	258.6404	17.7100	38.7900	50.5200	0.7676		
06/01/2020	94.3575	0.6480	0.7918	1.4070	4.6462	257.3544	16.1000	38.7700	50.5200	0.7226		
07/01/2020	94.4174	0.7299	0.7008	1.3939	4.5728	258.2762	14.4900	38.7500	50.4900	0.8217		
08/01/2020	94.4599	0.7022	0.7397	1.4192	4.3773	256.5848	14.0900	38.6400	50.4000	0.8577		
09/01/2020	94.7665	0.7405	0.6610	1.3590	4.2787	257.6935	14.1900	38.6200	50.4100	0.9298		
10/01/2020	94.7600	0.8326	0.6728	1.4033	4.1916	257.2079	14.5900	38.5900	50.3600	0.9569		
11/01/2020	94.6768	0.8350	0.6807	1.3958	4.4436	257.4065	14.6900	38.6800	50.4200	0.9839		
12/01/2020	94.3888	0.7566	0.6870	1.4013	4.6082	257.6347	14.5900	38.7400	50.4700	1.0289		
13/01/2020	94.4740	0.7619	0.6792	1.4210	4.1841	257.5992	14.1900	38.5600	50.3300	1.1731		
14/01/2020	94.4189	0.7979	0.6948	1.4423	4.7690	255.2288	14.2900	38.7500	50.4600	1.1551		
15/01/2020	94.4978	0.8834	0.6695	1.4048	4.8479	257.1709	13.9900	38.9700	50.6100	1.0380		
16/01/2020	94.7277	0.8794	0.7906	1.4718	4.4342	256.7284	28.0600	38.6000	50.3800	0.9478		
17/01/2020	94.6378	0.7958	0.7786	1.4880	4.4015	256.9099	18.4100	38.6200	50.3400	1.1281		
18/01/2020	94.6082	0.7695	0.7793	1.5126	4.2863	257.5001	18.4100	38.5900	50.3400	1.0650		
19/01/2020	94.6518	0.7915	0.7318	1.4240	4.3843	257.4155	18.2100	38.6300	50.3700	0.9569		
20/01/2020	94.5605	0.7916	0.7229	1.4506	4.1975	257.0433	16.6000	38.5700	50.3400	1.0920		
21/01/2020	94.5906	0.7723	0.7637	1.4732	4.1398	257.4492	15.9000	38.5500	50.2900	0.9569		
22/01/2020	94.4187	0.8357	0.7666	1.4905	4.4910	257.1912	15.3000	38.6700	50.3900	0.9839		
23/01/2020	94.5184	0.7533	0.7229	1.4240	4.1626	257.0381	14.6900	38.5400	50.3000	1.0199		
24/01/2020	94.6245	0.7578	0.7834	1.4475	4.1448	256.0650	14.3900	38.5100	50.2900	1.0109		
25/01/2020	94.7013	0.9319	0.7573	1.4677	4.1627	254.5907	14.5900	38.5300	50.2900	1.0019		
26/01/2020	94.5092	0.8864	0.6000	1.4436	4.1659	255.8946	15.4000	38.5400	50.3000	1.0740		
27/01/2020	94.3733	0.8699	0.5770	1.4187	4.5148	256.3103	15.4000	38.6600	50.3600	1.0920		
28/01/2020	94.4796	0.8895	0.6584	1.4719	4.3572	255.9334	14.4900	38.5700	50.2900	1.0650		
29/01/2020	94.4113	0.8541	0.7013	1.4706	4.3592	254.7490	13.6900	38.5700	50.3100	1.0199		
30/01/2020	94.4416	0.8402	0.7039	1.4981	4.2828	254.9146	13.3900	38.5300	50.2600	0.8848		
31/01/2020	94.5593	0.8433	0.6841	1.5157	4.1217	253.4163	13.7900	38.5000	50.2200	1.0560		

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Mínimo	94.3388	0.6480	0.5770	1.3590	3.9172	253.4163	13.3900	38.4900	50.2200	0.7226		
Promedio	94.5494	0.7927	0.7403	1.4558	4.3723	256.9695	15.6232	38.6261	50.3716	0.9914		
Máximo	94.7665	0.9319	0.9529	1.5495	4.8479	261.3459	28.0600	38.9700	50.6100	1.2362		
Desv. Est.	0.13121	0.07599	0.08634	0.04883	0.22073	1.48687	2.72098	0.10378	0.08756	0.11661		

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.
01/01/2020	93.9648	0.5937	0.2797	1.1563	3.8296	253.2121	12.7800	38.4300	50.1900	0.6415		
02/01/2020	94.4137	0.5434	0.7793	1.3998	3.6161	252.6205	12.7800	38.3500	50.1400	0.5514		
03/01/2020	94.1348	0.5490	0.7665	1.3809	3.5348	253.9700	13.2900	38.3300	50.1400	0.5334		
04/01/2020	93.7852	0.5645	0.7535	1.4145	3.8182	254.2691	14.5900	38.4200	50.2400	0.3532		
05/01/2020	93.6152	0.5822	0.6928	1.2816	3.9903	254.5139	14.7900	38.5000	50.2500	0.3081		
06/01/2020	93.8310	0.5634	0.6230	1.2408	4.0724	254.4312	12.9800	38.5300	50.3300	0.3081		
07/01/2020	93.8713	0.6129	0.6335	1.2707	3.9760	254.0826	12.7800	38.5200	50.2900	0.4162		
08/01/2020	94.0745	0.6567	0.6491	1.3202	3.9913	254.0969	12.7800	38.5100	50.3000	0.4973		
09/01/2020	94.1603	0.6756	0.5748	1.2808	3.7233	254.4596	12.9800	38.4500	50.2800	0.5063		
10/01/2020	94.2039	0.7248	0.5060	1.2998	3.7296	255.0445	13.0800	38.4400	50.2600	0.6505		
11/01/2020	94.0170	0.6770	0.5034	1.2931	3.8066	253.7913	13.1900	38.4600	50.2600	0.6055		
12/01/2020	93.8542	0.6900	0.5932	1.2866	4.0206	253.9031	12.8800	38.5200	50.2900	0.6235		
13/01/2020	94.2179	0.7057	0.6040	1.3444	3.9353	251.7485	12.7800	38.4700	50.2500	0.6505		
14/01/2020	93.6879	0.6800	0.6183	1.3258	4.0038	251.5700	12.6800	38.4900	50.2400	0.7046		
15/01/2020	93.3350	0.6648	0.3931	1.2269	4.0268	253.3345	12.2800	38.5000	50.2600	0.6685		
16/01/2020	93.9430	0.6235	0.3931	1.2316	3.7956	251.5757	13.8900	38.4400	50.2100	0.6055		
17/01/2020	93.9148	0.6779	0.5790	1.3518	3.7240	253.8681	17.0000	38.4000	50.1900	0.6415		
18/01/2020	94.1016	0.6430	0.6583	1.3735	3.7052	254.3275	16.9000	38.3900	50.1600	0.7496		
19/01/2020	94.0248	0.6575	0.6174	1.3690	3.7071	253.0116	15.4000	38.4200	50.2000	0.7496		
20/01/2020	94.2149	0.6947	0.6108	1.3436	3.8278	253.7347	14.6900	38.4600	50.2200	0.6865		
21/01/2020	94.2421	0.7049	0.6257	1.3713	3.8228	252.9146	14.2900	38.4300	50.2200	0.6685		
22/01/2020	93.9158	0.6624	0.6229	1.3582	3.9332	252.7778	12.7800	38.4600	50.2100	0.7046		
23/01/2020	94.2369	0.6857	0.6295	1.3744	3.8855	253.4213	12.8800	38.4600	50.2400	0.6685		
24/01/2020	94.2612	0.6540	0.6547	1.3878	3.7585	251.6074	12.8800	38.4000	50.2000	0.6505		
25/01/2020	94.2055	0.6802	0.4237	1.3384	3.7688	251.1280	12.6800	38.4200	50.1800	0.7316		
26/01/2020	94.2623	0.8097	0.5161	1.3467	3.9172	253.4375	13.6900	38.4500	50.2000	0.6956		
27/01/2020	93.9025	0.8200	0.5176	1.3512	4.0510	252.7154	13.2900	38.5000	50.2400	0.6055		
28/01/2020	94.0418	0.7818	0.5195	1.3669	3.9493	249.8061	12.4800	38.4500	50.2000	0.6145		
29/01/2020	94.0335	0.7117	0.5503	1.3708	3.9715	250.7569	12.3800	38.4600	50.2100	0.0108		
30/01/2020	94.0820	0.7757	0.6117	1.4059	3.9675	249.4219	12.0800	38.4300	50.1800	0.5514		
31/01/2020	94.2307	0.7913	0.6284	1.4254	3.8284	249.8282	12.0800	38.3900	50.1400	0.7316		

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Mínimo	93.3350	0.5434	0.2797	1.1563	3.5348	249.4219	12.0800	38.3300	50.1400	0.0108		
Promedio	94.0252	0.6728	0.5848	1.3319	3.8609	252.8832	13.4203	38.4477	50.2232	0.5834		
Máximo	94.4137	0.8200	0.7793	1.4254	4.0724	255.0445	17.0000	38.5300	50.3300	0.7496		
Desv. Est.	0.22604	0.07360	0.10962	0.06225	0.13527	1.52358	1.24673	0.04842	0.04812	0.16084		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE ENGIE.