

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

PERMISIONARIO:
PUNTO DE MEDICIÓN:
ZONA DE MEDICIÓN:

GDF Suez
La Lira
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)
01/01/2013	88.4242	0.1213	4.5028	4.6241	6.5007	263.9926	48.8600	38.1500	48.8000	1.6328		
02/01/2013	89.5235	0.1820	3.9518	4.1340	5.7040	265.5117	44.8300	38.2400	49.0400	1.5452		
03/01/2013	89.6233	0.1725	3.6188	3.7915	5.9818	262.1192	36.3900	38.4100	49.2900	1.8488		
04/01/2013	90.8474	0.2873	3.2216	3.5088	5.2756	260.3001	32.4900	38.1700	49.2500	1.6895		
05/01/2013	91.1663	0.3273	2.9205	3.2476	5.1253	259.5876	31.8400	38.2900	49.4200	1.5385		
06/01/2013	91.3311	0.3149	2.9719	3.2869	4.9243	260.7965	30.6900	38.2000	49.3500	1.4781		
07/01/2013	92.1044	0.3396	2.6603	2.9998	4.5851	262.4114	33.5600	38.1400	49.4400	1.3925		
08/01/2013	91.8588	0.3102	2.8478	3.1581	4.6568	261.7290	32.3800	38.1000	49.3600	1.4697		
09/01/2013	91.5668	0.3169	2.9189	3.2357	4.8293	260.6541	33.5000	38.1400	49.3500	1.4191		
10/01/2013	91.7739	0.3254	2.9453	3.2704	4.6207	260.8596	30.9100	38.0500	49.2700	1.4132		
11/01/2013	91.4887	0.3241	3.1953	3.5192	4.6332	264.4279	31.5600	37.9800	49.1200	1.3846		
12/01/2013	91.4097	0.3003	3.1301	3.4303	4.7793	262.5777	67.2400	38.0700	49.2200	1.3919		
13/01/2013	91.5734	0.3205	3.0743	3.3950	4.6734	261.0338	44.8800	38.0300	49.2100	1.3822		
14/01/2013	92.0423	0.3805	2.6113	2.9917	4.5976	261.4609	35.9900	38.1600	49.4600	1.2824		
15/01/2013	91.9607	0.3588	2.8143	3.1731	4.5080	261.7617	31.5300	38.0800	49.3200	1.2660		
16/01/2013	92.0822	0.3507	2.8951	3.2461	4.3266	262.1098	34.7300	37.9900	49.2400	1.2763		
17/01/2013	91.6782	0.3338	3.1073	3.4412	4.5621	260.9732	34.7300	37.9600	49.1400	1.1612		
18/01/2013	91.3976	0.3215	3.1918	3.5132	4.7705	260.4475	32.7900	37.9800	49.1400	1.1842		
19/01/2013	91.1963	0.2918	3.4399	3.7318	4.7825	259.9597	36.9200	37.8800	48.9800	1.2548		
20/01/2013	91.1743	0.3383	3.3414	3.6797	4.8010	259.8365	30.1800	37.9500	49.0300	1.1210		
21/01/2013	91.3419	0.3861	2.9928	3.3790	4.8719	259.4662	27.5800	38.1200	49.2500	1.2233		
22/01/2013	91.0188	0.3503	3.2143	3.5644	5.0496	259.9914	26.4700	38.0800	49.1500	1.3158		
23/01/2013	91.1896	0.3479	3.3782	3.7262	4.7757	260.1489	27.9300	37.9100	48.9900	1.2482		
24/01/2013	90.9395	0.3528	3.1009	3.4536	5.2177	259.7246	29.8200	38.1700	49.2600	1.3617		
25/01/2013	91.0867	0.3552	2.9569	3.3124	5.2326	259.7248	22.7900	38.2200	49.3500	1.1925		
26/01/2013	91.0543	0.3463	3.1087	3.4551	5.1598	259.8406	23.6700	38.1300	49.2300	8.1307		
27/01/2013	90.9995	0.3356	3.0467	3.3822	5.2540	259.8221	29.2200	38.2000	49.3100	1.4835		
28/01/2013	91.3729	0.3625	2.8415	3.2039	5.0609	260.7980	29.5900	38.2100	49.3800	1.4841		
29/01/2013	90.8103	0.3248	3.2082	3.5331	5.2937	260.5254	39.9600	38.1500	49.2200	1.4064		
30/01/2013	90.9044	0.3420	3.1196	3.4618	5.3201	260.0694	32.8400	38.1600	49.2500	1.3835		
31/01/2013	90.7941	0.3258	3.1982	3.5241	5.3282	258.5467	24.5400	38.1600	49.2200	0.7472		

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

Mínimo	88.4242	0.1213	2.6113	2.9917	4.3266	258.5467	22.7900	37.8800	48.8000	0.7472		
Promedio	91.1527	0.3176	3.1460	3.4637	5.0065	261.0067	33.8842	38.1123	49.2271	1.5842		
Máximo	92.1044	0.3861	4.5028	4.6241	6.5007	265.5117	67.2400	38.4100	49.4600	8.1307		
Desv. Est.	0.77506	0.05810	0.36712	0.31928	0.45863	1.54906	8.54814	0.11552	0.14763	1.23070		

Observaciones:

DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ

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

PERMISIONARIO:
PUNTO DE MEDICIÓN:
ZONA DE MEDICIÓN:

GDF Suez
La Lira
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)
01/01/2013	89.0429	0.1598	4.9813	5.0901	7.0812	266.9291	50.3200	38.4000	49.1900	2.6945		
02/01/2013	90.4136	0.2548	4.8298	4.9258	6.7879	269.6375	63.3000	38.3800	49.2200	2.7908		
03/01/2013	90.1624	0.2819	3.9286	4.1434	6.6645	266.0456	38.2400	38.5900	49.4800	3.8668		
04/01/2013	91.6841	0.3332	3.6710	3.9131	5.7662	264.5912	34.8200	38.3600	49.4000	2.6421		
05/01/2013	91.6839	0.3529	3.0597	3.3776	5.5192	264.8490	33.9100	38.4400	49.5600	2.0909		
06/01/2013	91.8067	0.3457	4.2038	4.3567	5.5150	265.4854	32.0000	38.5200	49.6100	2.2134		
07/01/2013	92.5558	0.3602	3.0341	3.3678	5.0169	268.2054	41.5600	38.3800	49.6300	2.2571		
08/01/2013	92.3448	0.3579	3.1037	3.3960	4.9610	266.2399	35.0200	38.2000	49.4900	2.1871		
09/01/2013	92.0136	0.3487	3.1161	3.4236	5.1677	264.7225	35.6200	38.3700	49.4900	2.2134		
10/01/2013	92.6828	0.3579	4.2786	4.4022	4.9243	266.8117	46.7900	38.1700	49.5200	2.1434		
11/01/2013	95.2399	0.3883	4.0998	4.4257	5.4740	271.2451	35.8300	38.2300	50.1100	3.0970		
12/01/2013	92.0512	0.3330	3.9412	4.2232	6.2333	267.6092	100.1300	38.3200	49.4500	2.9133		
13/01/2013	91.8637	0.3545	4.9793	5.0574	4.9922	267.9646	79.6000	38.1600	49.3700	2.0209		
14/01/2013	93.4208	0.6175	4.2630	4.3911	4.9052	264.9170	39.7500	38.6500	50.2400	2.0821		
15/01/2013	96.9097	0.4278	3.1962	3.5356	4.9885	271.0860	34.4200	38.3200	50.5700	2.1696		
16/01/2013	92.5585	0.3904	3.3425	3.6937	4.6559	266.5807	36.3300	38.1300	49.4200	2.0384		
17/01/2013	92.3290	0.3610	3.4503	3.7874	5.0440	266.6322	39.4500	38.2300	49.5100	2.1784		
18/01/2013	91.8876	0.3572	3.5304	3.8326	5.2191	264.3967	36.7300	38.1600	49.3800	2.0034		
19/01/2013	91.6781	0.3362	4.0616	4.3699	5.1168	265.3146	65.6100	38.0600	49.1800	2.2921		
20/01/2013	91.6765	0.4024	3.6095	3.9093	5.1760	264.2917	38.4400	38.3200	49.3600	2.4146		
21/01/2013	91.8069	0.4388	3.1946	3.5681	5.3197	266.2581	28.8800	38.3500	49.4100	2.1609		
22/01/2013	91.5674	0.4065	3.4253	3.7789	5.3081	264.2981	27.6700	38.1800	49.3400	2.0559		
23/01/2013	91.6170	0.3692	3.5457	3.8963	5.1917	264.8271	28.8800	38.2000	49.2800	2.1084		
24/01/2013	91.2084	0.3852	3.2089	3.5502	5.4705	265.1593	30.9900	38.2800	49.3500	2.1784		
25/01/2013	93.7445	0.5191	3.2210	3.5447	5.5836	266.4215	30.4900	38.5200	49.8600	1.8197		
26/01/2013	91.3824	0.3973	3.2318	3.5841	5.5486	264.1972	28.0800	38.3400	49.4700	2.8264		
27/01/2013	91.3421	0.3760	3.2543	3.5825	5.5132	266.1166	30.2900	38.3500	49.4700	2.5896		
28/01/2013	93.6355	0.4401	4.8603	4.9295	5.6992	268.3031	44.0800	38.3500	49.8900	2.4321		
29/01/2013	93.0377	0.3709	3.4334	3.7323	5.6862	270.7368	56.7600	38.4000	49.4800	2.3271		
30/01/2013	93.5606	0.4651	3.5085	3.8102	5.7010	264.0935	34.5200	38.3800	49.6900	2.4408		
31/01/2013	91.3047	0.4029	3.4003	3.7391	6.1259	264.3996	331.4800	38.4500	49.5100	6.8239		

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Mínimo	89.0429	0.1598	3.0341	3.3678	4.6559	264.0935	27.6700	38.0600	49.1800	1.8197		
Promedio	92.2004	0.3772	3.7085	3.9786	5.4954	266.3989	51.2900	38.3287	49.5461	3.3572		
Máximo	96.9097	0.6175	4.9813	5.0901	7.0812	271.2451	331.4800	38.6500	50.5700	28.8264		
Desv. Est.	1.45296	0.07756	0.59660	0.51333	0.57433	2.08223	54.44636	0.13725	0.30571	4.81095		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ

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

PERMISIONARIO:	GDF Suez
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.
01/01/2013	87.4432	0.0876	3.8932	4.0305	5.6797	261.9382	47.2000	37.7800	48.4500	1.0498		
02/01/2013	88.0964	0.0937	3.5536	3.7900	5.0497	260.3400	36.8300	37.7800	48.4500	1.0061		
03/01/2013	88.8938	0.0441	3.3745	3.5875	5.4873	259.9312	34.6200	38.2500	49.0700	1.2598		
04/01/2013	89.7125	0.2286	2.8594	3.1670	4.6168	257.1946	28.1800	37.9400	49.0500	1.2160		
05/01/2013	90.7706	0.3076	2.7663	3.0943	4.6524	256.6424	26.1600	38.0100	49.2000	1.1461		
06/01/2013	90.2768	0.1528	2.7351	3.0567	4.4895	258.9514	29.4900	37.7500	48.6600	1.0498		
07/01/2013	91.3428	0.3056	2.4594	2.8121	4.1959	260.9634	31.5000	37.9900	49.2400	1.0236		
08/01/2013	91.4051	0.2856	2.6212	2.9323	4.4037	260.2059	30.8900	37.9600	49.1800	1.1286		
09/01/2013	91.0377	0.2958	2.7765	3.0859	4.5065	259.6886	30.9900	38.0500	49.2300	1.0673		
10/01/2013	90.8160	0.1236	2.4506	2.7890	4.1699	259.5461	28.8800	37.5500	48.5300	0.9098		
11/01/2013	89.8382	0.2687	1.1784	1.5667	2.8425	259.6319	28.3800	37.7800	48.6100	0.7174		
12/01/2013	89.2409	0.2814	2.8537	3.1502	4.4203	259.1714	35.6200	37.9000	48.8100	0.7436		
13/01/2013	89.6832	0.0781	2.8078	3.1532	4.4937	259.1890	34.3200	37.3800	48.1900	0.9098		
14/01/2013	90.6100	0.1281	1.1159	1.7334	3.8856	259.5557	32.8100	37.6300	48.5800	0.8836		
15/01/2013	91.3465	0.3089	0.2599	0.6877	2.0721	258.8713	27.7700	37.8300	49.0300	0.7349		
16/01/2013	91.4581	0.3327	2.6176	2.9698	3.9850	260.3230	31.6000	37.8000	48.9500	0.8836		
17/01/2013	90.9364	0.3169	2.6368	2.9706	4.1904	257.6381	33.1100	37.7200	48.8800	0.5512		
18/01/2013	90.7719	0.2970	2.8291	3.1555	4.1475	259.1678	31.5000	37.7000	48.8400	0.7874		
19/01/2013	90.4370	0.2573	3.1580	3.4579	4.5062	257.9245	31.2000	37.6900	48.5900	0.8049		
20/01/2013	90.6766	0.2898	2.9997	3.3292	4.4227	258.3788	27.4700	37.8200	48.8900	0.6561		
21/01/2013	90.8531	0.3597	2.8084	3.2259	4.4928	257.8879	26.1600	37.8900	49.0400	0.7699		
22/01/2013	90.6451	0.3226	2.8481	3.2397	4.7907	257.9558	25.4600	37.9400	48.9800	0.9098		
23/01/2013	90.7267	0.3131	3.0571	3.4061	4.5296	258.9940	26.1600	37.7800	48.8700	0.9886		
24/01/2013	90.6981	0.3219	2.9329	3.2967	4.9589	258.0768	28.3800	38.0700	49.1500	0.8749		
25/01/2013	90.5513	0.3165	1.8008	2.1567	3.7838	256.9313	15.6000	38.0300	49.1600	0.8049		
26/01/2013	90.6171	0.3162	2.8797	3.1973	4.8711	257.9996	15.7000	38.0100	49.1100	1.2598		
27/01/2013	90.6238	0.3163	2.7582	3.1085	4.9454	258.0727	27.7700	38.0800	49.1800	0.9536		
28/01/2013	88.9768	0.0693	1.6875	2.1228	3.9105	258.1540	26.4700	37.7600	48.4500	1.0061		
29/01/2013	90.2938	0.2333	2.5948	2.8281	3.7246	257.3960	33.1100	37.9900	49.0800	0.9448		
30/01/2013	90.2456	0.3017	2.0591	2.3908	3.7896	257.8860	31.2000	37.9900	49.0300	0.8574		
31/01/2013	89.9300	0.2773	2.8453	3.1272	4.8434	256.4830	32.1550	37.9400	49.0000	0.9011		

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Mínimo	87.4432	0.0441	0.2599	0.6877	2.0721	256.4830	15.6000	37.3800	48.1900	0.5512		
Promedio	90.2889	0.2462	2.5877	2.9232	4.3503	258.7449	29.8931	37.8642	48.8865	0.9290		
Máximo	91.4581	0.3597	3.8932	4.0305	5.6797	261.9382	47.2000	38.2500	49.2400	1.2598		
Desv. Est.	0.94230	0.09465	0.73140	0.67540	0.69414	1.29524	5.69475	0.17737	0.28271	0.17185		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ