

H

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

(Valores promedio diarios)

<b>PERMISIONARIO:</b>	GDF Suez	<b>GDF SUEZ</b>
<b>PUNTO DE MEDICIÓN:</b>	Parque Norte	
<b>ZONA DE MEDICIÓN:</b>	RESTO DEL PAÍS	

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)
	84.0 MÍN.	3.0 MÁX.	4.0 MÁX.	4.0 MÁX.	11.0 MÁX.	271.15 MÁX	110.0 MÁX.	37.3 MÍN.	48.2 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/06/2013	96.2871	0.7093	0.1623	0.8717	2.6610	247.6001	29.5900	39.0300	51.3500	1.2032		
02/06/2013	96.7105	0.6895	0.1634	0.8528	2.2307	254.0726	33.8300	38.9300	51.3200	1.5569		
03/06/2013	97.0214	0.6932	0.1662	0.8594	1.9560	249.6041	31.3400	38.8100	51.2400	1.2655		
04/06/2013	96.6223	0.6721	0.1631	0.8352	2.3402	251.4008	29.7600	38.9700	51.3500	1.1612		
05/06/2013	96.0434	0.6920	0.1613	0.8532	2.7366	258.2687	32.2900	39.2300	51.4800	1.1524		
06/06/2013	96.6755	0.6189	0.1635	0.7824	2.3532	251.7891	32.7100	38.9900	51.3800	1.1986		
07/06/2013	96.6380	0.6393	0.1613	0.8007	2.4023	247.6134	27.9300	38.9700	51.3700	1.2846		
08/06/2013	96.5837	0.7600	0.1865	0.9465	2.2295	251.3599	33.9400	38.9300	51.2400	1.0827		
09/06/2013	96.2711	0.7345	0.1767	0.9113	2.5738	250.8756	38.1000	39.0500	51.3400	1.0745		
10/06/2013	95.9845	0.6798	0.1642	0.8440	2.9280	250.1213	37.0500	39.1600	51.4500	1.0266		
11/06/2013	96.3874	0.6951	0.1735	0.8687	2.5462	245.9981	32.4200	39.0100	51.3500	0.9394		
12/06/2013	96.9107	0.6653	0.1696	0.8349	2.0990	244.7985	34.1600	38.8700	51.2900	0.9584		
13/06/2013	96.8517	0.6506	0.1673	0.8179	2.1131	244.6514	31.1700	38.9100	51.3300	1.1292		
14/06/2013	96.8822	0.6188	0.1635	0.7823	2.1577	245.3242	34.0200	38.9200	51.3600	0.9710		
15/06/2013	96.8581	0.6136	0.1591	0.7727	2.1830	244.6532	34.5400	38.9300	51.3600	1.0022		
16/06/2013	96.1415	0.6933	0.1625	0.8558	2.5641	248.4917	56.2800	39.1900	51.4500	0.9768		
17/06/2013	95.7938	0.6800	0.1635	0.8435	2.8309	246.6838	63.4700	39.3100	51.5400	0.9532		
18/06/2013	96.5775	0.7238	0.1618	0.8855	2.3393	243.4966	56.0000	38.9300	51.2800	0.9171		
19/06/2013	95.7114	0.7529	0.1507	0.9037	3.1339	245.5314	96.4200	39.1900	51.4200	0.7465		
20/06/2013	95.3797	0.6865	0.1633	0.8498	3.2957	254.6039	126.6400	39.4700	51.6100	0.6127		
21/06/2013	95.9676	0.7146	0.1655	0.8801	2.8596	249.5517	111.8700	39.1700	51.4300	0.7776		
22/06/2013	95.8301	0.7179	0.1723	0.8901	2.9694	249.2981	77.0900	39.2100	51.4500	0.8024		
23/06/2013	95.4805	0.6856	0.1622	0.8478	2.9905	252.7484	82.1300	39.5500	51.6700	0.8769		
24/06/2013	95.7199	0.6246	0.1579	0.7824	3.0087	251.0814	84.3200	39.4100	51.6200	0.8994		
25/06/2013	95.3286	0.6645	0.1573	0.8218	3.2429	254.3725	72.5700	39.5700	51.6900	1.0605		
26/06/2013	95.9538	0.7483	0.1598	0.9080	2.9064	247.4237	77.9000	39.1200	51.3800	1.0361		
27/06/2013	95.9586	0.6637	0.1643	0.8280	2.9720	247.9492	74.0200	39.1700	51.4700	0.7943		
28/06/2013	96.6574	0.7001	0.1633	0.8635	2.3004	246.5565	71.0000	38.9200	51.3100	1.1271		
29/06/2013	96.7905	0.6424	0.1576	0.8000	2.2546	243.9082	66.3900	38.9200	51.3300	1.5006		
30/06/2013	96.5082	0.7450	0.1635	0.9085	2.3931	246.6785	58.9400	38.9400	51.2800	1.5653		

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

Mínimo	95.3286	0.6136	0.1507	0.7727	1.9560	243.4966	27.9300	38.8100	51.2400	0.6127		
Promedio	96.2842	0.6858	0.1642	0.8501	2.5857	248.8836	55.5963	39.0927	51.4047	1.0551		
Máximo	97.0214	0.7600	0.1865	0.9465	3.2957	258.2687	126.6400	39.5700	51.6900	1.5653		
Desv. Est.	0.49500	0.04108	0.00656	0.04360	0.37844	3.64459	27.09104	0.20601	0.12048	0.22802		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ

**INFORME MENSUAL SOBRE LAS ESPECIFICACIONES DEL GAS NATURAL**

(Registros Máximos diarios)

<b>PERMISIONARIO:</b>	GDF Suez	<b>GDF SUEZ</b>
<b>PUNTO DE MEDICIÓN:</b>	Parque Norte	
<b>ZONA DE MEDICIÓN:</b>	RESTO DEL PAÍS	

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)
	84.0 MÍN.	3.0 MÁX.	4.0 MÁX.	4.0 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.
01/06/2013	97.3798	0.7620	0.1736	0.9254	3.5202	255.5051	52.5800	39.2800	51.5000	2.0471		
02/06/2013	97.1379	0.7373	0.1797	0.9049	2.7021	265.6929	47.5600	39.3100	51.5000	2.1282		
03/06/2013	97.2987	0.7343	0.1759	0.9047	2.3036	254.5884	63.2300	38.9700	51.3300	1.5155		
04/06/2013	97.0087	0.7385	0.1960	0.9008	2.7515	255.6130	48.7600	39.3100	51.5200	1.4434		
05/06/2013	96.7042	0.9578	0.1755	1.1333	3.9469	273.6887	56.5000	40.9200	52.2600	1.7588		
06/06/2013	96.9589	0.6955	0.2359	0.8619	2.7090	258.0205	61.2200	39.3200	51.5600	1.4795		
07/06/2013	97.0410	0.6881	0.2041	0.8549	3.1668	258.0124	323.6300	39.2700	51.5500	1.7498		
08/06/2013	96.9116	1.0937	0.2729	1.3666	3.1668	255.6441	57.9100	39.2600	51.5500	1.5786		
09/06/2013	96.9328	0.9144	0.2131	1.1254	3.1809	255.5065	71.6800	39.2200	51.5400	1.7318		
10/06/2013	96.2987	0.8186	0.1940	0.9828	3.3656	256.9027	47.9600	39.4100	51.6300	1.5786		
11/06/2013	96.8368	0.8271	0.2053	1.0129	2.9570	252.6862	45.1400	39.2600	51.5800	1.4434		
12/06/2013	97.2554	0.7822	0.1888	0.9644	2.6641	253.4522	48.3600	39.0300	51.4000	1.2902		
13/06/2013	97.0472	0.7408	0.1846	0.9251	2.3046	248.8979	39.4200	39.0100	51.4000	1.3353		
14/06/2013	97.0898	0.7915	0.1942	0.9857	2.4370	252.8998	52.6800	39.1100	51.4400	1.3173		
15/06/2013	97.1554	0.7066	0.1863	0.8707	2.5791	249.1197	50.6700	39.0900	51.4800	1.4074		
16/06/2013	97.2198	0.8622	0.2167	1.0587	4.0059	251.9725	75.1900	39.8800	51.7600	1.5065		
17/06/2013	97.0511	0.8050	0.2008	1.0058	3.9771	256.2175	81.4200	40.0900	51.9500	1.2993		
18/06/2013	97.2388	0.8422	0.2498	1.0920	3.1695	250.9148	80.2200	39.1500	51.4000	1.3804		
19/06/2013	96.4645	0.8331	0.1639	0.9794	3.8864	257.4778	119.2100	39.8000	51.7100	1.1641		
20/06/2013	96.2817	0.8313	0.3807	0.9965	3.8308	268.2608	197.3000	39.9500	51.9300	1.0019		
21/06/2013	96.5962	0.8307	0.2040	1.0117	3.9450	254.3883	132.6800	39.7100	51.7300	1.0650		
22/06/2013	96.5283	0.7977	0.2557	1.0362	4.8301	252.1998	93.0800	39.8500	51.7200	0.9478		
23/06/2013	96.4575	0.8197	0.1743	0.9907	3.3807	263.4234	107.5500	40.3000	52.0200	1.1731		
24/06/2013	96.4187	0.6714	0.1892	0.8366	4.4440	258.0347	107.4500	40.5400	52.2800	1.1010		
25/06/2013	95.9397	0.8240	0.1654	0.9885	4.1929	260.7715	86.1500	40.1000	51.9900	1.4705		
26/06/2013	96.4150	0.8550	0.1975	1.0398	3.3718	255.7935	91.6800	39.3500	51.5100	1.3623		
27/06/2013	96.9027	0.7595	0.1876	0.9368	3.8091	253.3327	90.0700	39.4100	51.5900	1.0380		
28/06/2013	97.2007	0.7795	0.3675	0.9557	3.1585	262.9717	155.0900	39.5400	51.6500	1.4344		
29/06/2013	97.2615	0.7604	0.1734	0.9273	3.3029	249.7301	78.1100	39.2500	51.4700	2.0291		
30/06/2013	96.9007	0.9000	0.1739	1.0665	2.9927	250.6643	86.6500	39.1700	51.4900	2.3535		

\*/ 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>	95.9397	0.6714	0.1639	0.8366	2.3036	248.8979	39.4200	38.9700	51.3300	0.9478		
<b>Promedio</b>	96.8645	0.8053	0.2093	0.9881	3.3351	256.4128	88.3050	39.5287	51.6480	1.4711		
<b>Máximo</b>	97.3798	1.0937	0.3807	1.3666	4.8301	273.6887	323.6300	40.9200	52.2800	2.3535		
<b>Desv. Est.</b>	0.36886	0.08648	0.05204	0.10497	0.64620	5.74016	56.94788	0.48497	0.24693	0.34272		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ

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

PERMISIONARIO:	GDF Suez	<b>GDF SUEZ</b>
PUNTO DE MEDICIÓN:	Parque Norte	
ZONA DE MEDICIÓN:	RESTO DEL PAÍS	

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>84.0 MÍN.</b>	<b>3.0 MÁX.</b>	<b>4.0 MÁX.</b>	<b>4.0 MÁX.</b>	<b>11.0 MÁX.</b>	<b>271.15 MÁX.</b>	<b>110.0 MÁX.</b>	<b>37.3 MÍN.</b>	<b>48.2 MÍN.</b>	<b>6.0 MÁX.</b>	<b>150.0 MÁX.</b>	<b>0.2 MÁX.</b>
01/06/2013	95.4306	0.6512	0.1510	0.8116	1.5824	241.8318	16.1000	38.6800	51.1300	0.8217		
02/06/2013	95.8940	0.6570	0.1511	0.8160	1.8588	241.1084	18.9100	38.7800	51.2200	1.0470		
03/06/2013	96.6699	0.6310	0.1547	0.7980	1.6691	242.3011	14.4900	38.7000	51.1600	1.0289		
04/06/2013	96.0025	0.6099	0.1501	0.7631	1.9743	244.8445	15.9000	38.8300	51.2400	0.8848		
05/06/2013	92.9672	0.5272	0.1485	0.6779	2.4071	250.1185	18.0100	38.9900	51.2700	0.8758		
06/06/2013	96.0373	0.5736	0.1523	0.7262	2.0449	246.0578	23.0300	38.8800	51.3100	1.0560		
07/06/2013	95.8167	0.5881	0.1469	0.7399	1.9744	244.5037	18.7100	38.8100	51.2500	0.7542		
08/06/2013	95.8167	0.5925	0.1501	0.7493	1.8394	245.1479	14.3900	38.7600	50.8700	0.4523		
09/06/2013	95.5592	0.4730	0.1492	0.6394	2.1503	245.7696	16.8000	38.9000	51.1100	0.6775		
10/06/2013	95.4180	0.5682	0.1476	0.7158	2.6506	243.6992	21.7300	39.0400	51.2900	0.6505		
11/06/2013	95.9397	0.5705	0.1527	0.7303	2.0490	239.6718	13.0800	38.8100	51.1700	0.6055		
12/06/2013	96.3372	0.5800	0.1569	0.7412	1.7534	238.4123	18.0100	38.7400	51.1400	0.5604		
13/06/2013	96.5674	0.5917	0.1600	0.7569	1.9591	240.5318	20.0200	38.8200	51.2100	0.5964		
14/06/2013	96.3667	0.5466	0.1535	0.7110	1.9299	241.2133	17.2100	38.8300	51.1900	0.4883		
15/06/2013	96.4416	0.5728	0.1433	0.7233	1.8599	239.9267	23.2400	38.7700	51.2200	0.6325		
16/06/2013	94.0387	0.5721	0.1403	0.7152	1.8148	245.4609	41.2200	38.8000	51.2200	0.6145		
17/06/2013	93.9847	0.5952	0.1446	0.7449	1.9523	238.4284	47.3600	38.7700	51.2000	0.6055		
18/06/2013	95.7815	0.6166	0.1448	0.7690	1.7491	236.3072	42.6300	38.7200	51.1700	0.4973		
19/06/2013	94.5163	0.6434	0.1362	0.7953	2.5277	234.8078	72.9800	38.9500	51.2700	0.4973		
20/06/2013	94.7823	0.4706	0.1457	0.7236	2.4892	246.8896	92.1800	39.1500	51.4000	0.3442		
21/06/2013	94.5542	0.6577	0.1453	0.8218	2.2918	243.5471	92.3800	39.0000	51.3300	0.4523		
22/06/2013	93.5889	0.6215	0.1477	0.7753	2.3762	244.4310	65.1400	38.9600	51.2900	0.3351		
23/06/2013	94.2234	0.5930	0.1473	0.7419	2.5850	238.1677	63.8400	39.0400	51.4400	0.7406		
24/06/2013	93.6473	0.5666	0.1464	0.7143	2.4976	244.6042	67.1500	39.0800	51.4300	0.6415		
25/06/2013	94.1099	0.5764	0.1463	0.7266	2.7289	247.0134	56.9000	39.3000	51.4800	0.8577		
26/06/2013	95.3269	0.6518	0.1459	0.8083	2.6049	243.1835	57.5100	39.0000	51.2700	0.6055		
27/06/2013	95.0664	0.5897	0.1473	0.7405	2.2059	241.0831	51.9800	38.9100	51.3300	0.4613		
28/06/2013	95.8453	0.5564	0.1507	0.7328	1.8027	240.0664	59.2100	38.7300	51.1500	0.6505		
29/06/2013	95.5750	0.5370	0.1452	0.6836	1.7680	239.6789	54.5900	38.7100	51.1300	0.7136		
30/06/2013	95.9991	0.6188	0.1523	0.7782	2.0435	242.2066	45.0400	38.8000	51.1100	1.0740		

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

Mínimo	92.9672	0.4706	0.1362	0.6394	1.5824	234.8078	13.0800	38.6800	50.8700	0.3351		
Promedio	95.2768	0.5867	0.1485	0.7457	2.1047	242.3671	39.3247	38.8753	51.2333	0.6741		
Máximo	96.6699	0.6577	0.1600	0.8218	2.7289	250.1185	92.3800	39.3000	51.4800	1.0740		
Desv. Est.	1.00000	0.04701	0.00478	0.04279	0.33079	3.44950	24.41841	0.14881	0.12067	0.20584		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ

Observaciones:	DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ
----------------	---