

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

<b>PERMISIONARIO:</b>	<b>GDF Suez</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>Coyotepec</b>
<b>ZONA DE MEDICIÓN:</b>	<b>SUR</b>



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)
	NA	3.0 MÁX.	8.0 MÁX.	8.0 MÁX.	12.0 MÁX.	271.15 MÁX	110.0 MÁX.	36.3 MÍN.	46.2 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/12/2012	91.0654	0.4899	3.0642	3.5542	5.0366			38.0918	49.1484			
02/12/2012	90.9845	0.4867	3.1393	3.6260	4.9084			38.1354	49.1429			
03/12/2012	90.6761	0.4775	3.2775	3.7550	4.7620			38.2917	49.1799			
04/12/2012	90.5297	0.4418	3.4853	3.9271	4.7697			38.2109	49.0663			
05/12/2012	90.6076	0.4277	3.6056	4.0333	4.5871			38.1179	48.9687			
06/12/2012	90.6656	0.3948	3.6029	3.9977	4.6658			38.0781	48.9683			
07/12/2012	90.9810	0.4159	3.2704	3.6863	4.6774			38.1882	49.1629			
08/12/2012	90.9591	0.4401	3.3226	3.7627	4.6500			38.1324	49.0916			
09/12/2012	89.7874	0.3558	4.2239	4.5797	4.8754			37.9822	48.6712			
10/12/2012	90.2565	0.3802	3.6843	4.0645	4.6596			38.2641	49.0521			
11/12/2012	90.3784	0.3735	3.3934	3.7669	5.0662			38.3423	49.2284			
12/12/2012	90.5593	0.3892	3.3884	3.7777	5.1723			38.1432	49.1042			
13/12/2012	90.8084	0.3938	2.9354	3.3292	5.3500			38.3662	49.4290			
14/12/2012	91.6139	0.4038	2.7006	3.1044	4.8421			38.2654	49.4658			
15/12/2012	90.8256	0.3659	3.1709	3.5367	5.2411			38.1898	49.2420			
16/12/2012	90.7479	0.3493	3.2901	3.6394	5.3096			38.1146	49.1569			
17/12/2012	89.7391	0.3340	3.7317	4.0657	5.5340			38.2515	49.0565			
18/12/2012	89.2610	0.3144	3.9650	4.2794	5.6888			38.2863	48.9899			
19/12/2012	89.8054	0.3732	3.7419	4.1150	5.6019			38.1246	48.9522			
20/12/2012	90.0093	0.3759	3.8221	4.1979	5.4021			37.9801	48.8304			
21/12/2012	89.3025	0.3168	4.1908	4.5076	5.7758			37.9887	48.7167			
22/12/2012	89.7111	0.3192	3.6831	4.0022	5.8984			38.1953	49.0549			
23/12/2012	89.5578	0.3068	3.9631	4.2698	5.8393			38.0421	48.8524			
24/12/2012	90.5792	0.3556	3.6524	4.0080	5.1250			37.9139	48.8773			
25/12/2012	93.2528	0.3238	2.3159	2.6397	3.7707			38.0906	49.5871			
26/12/2012	91.0338	0.3654	3.1200	3.4854	4.9458			38.2262	49.2847			
27/12/2012	89.1909	0.1924	4.4192	4.6116	5.5983			38.0234	48.7200			
28/12/2012	90.6082	0.3395	3.4310	3.7705	5.2888			38.0835	49.0839			
29/12/2012	90.1230	0.2803	3.3617	3.6421	5.8852			38.3077	49.2852			
30/12/2012	89.6383	0.2849	3.7261	4.0110	5.9821			38.2075	49.0662			
31/12/2012	89.4549	0.1645	4.0889	4.2534	5.8943			38.1126	48.9328			

\* / 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>	89.1909	0.1645	2.3159	2.6397	3.7707			37.9139	48.6712			
<b>Promedio</b>	90.4101	0.3623	3.5086	3.8710	5.1872			38.1532	49.0764			
<b>Máximo</b>	93.2528	0.4899	4.4192	4.6116	5.9821			38.3662	49.5871			
<b>Desv. Est.</b>	0.82176	0.07368	0.45311	0.41969	0.51395			0.11392	0.21205			

Observaciones:

**EQUIPOS SIN SUMINISTRO ELÉCTRICO**  
**DATOS TOMADOS DE LOS REPORTES DE PGPB**

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

<b>PERMISIONARIO:</b>	<b>GDF Suez</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>Venta de Carpio</b>
<b>ZONA DE MEDICIÓN:</b>	<b>SUR</b>



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)
	NA	3.0 MÁX.	8.0 MÁX.	8.0 MÁX.	12.0 MÁX.	271.15 MÁX	110.0 MÁX.	36.3 MÍN.	46.2 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/12/2012	96.1978	0.2292	1.1248	1.3540	2.1298	268.3201	66.6617	38.0455	50.1197	1.5973		
02/12/2012	96.0050	0.2291	1.2005	1.4296	2.2047	268.6212	46.4104	38.0711	50.0991	1.5518		
03/12/2012	93.9006	0.2920	2.0255	2.3175	3.1765	266.7743	80.5851	38.1858	49.7499	1.1225		
04/12/2012	92.7845	0.3012	2.5442	2.8455	3.7317	265.3451	115.0734	38.1680	49.5046	0.7445		
05/12/2012	93.2815	0.2817	2.4371	2.7187	3.3833	266.3085	116.0189	38.1045	49.5285	0.4557		
06/12/2012	93.0323	0.2607	2.6072	2.8678	3.5461	265.8001	151.3789	38.0474	49.4342	0.4281		
07/12/2012	93.8761	0.2429	2.1922	2.4351	3.1812	266.8238	161.2220	38.0747	49.6460	0.5292		
08/12/2012	94.5801	0.2236	1.9339	2.1576	2.7662	268.5320	105.4357	38.0563	49.7621	0.5688		
09/12/2012	94.2971	0.1784	2.2541	2.4325	2.7230	269.8784	61.1764	37.9815	49.6073	0.7150		
10/12/2012	92.8539	0.2288	2.7284	2.9572	3.3782	267.7613	73.0408	38.1292	49.4490	0.7611		
11/12/2012	93.9349	0.2042	2.1771	2.3813	3.1640	267.6053	61.5956	38.0895	49.6895	0.7038		
12/12/2012	94.4147	0.1714	1.9955	2.1669	2.9846	269.4384	50.7878	38.0556	49.7697	0.5301		
13/12/2012	92.8624	0.2636	2.2477	2.5113	4.1725	263.3170	40.6584	38.2538	49.7125	0.8726		
14/12/2012	94.0874	0.2678	1.7596	2.0275	3.4874	263.5279	30.1772	38.2118	49.9026	0.9326		
15/12/2012	96.3283	0.1818	1.0901	1.2719	2.0373	268.1148	40.5954	38.0805	50.1922	0.4786		
16/12/2012	97.0094	0.1608	0.8402	1.0010	1.6679	269.9769	42.1918	38.0589	50.3055	0.5670		
17/12/2012	95.2408	0.1876	1.5341	1.7217	2.5953	267.8607	36.4926	38.1210	50.0050	0.8573		
18/12/2012	93.6512	0.1935	2.1708	2.3643	3.4291	266.3671	33.0626	38.1829	49.7511	0.8608		
19/12/2012	93.5220	0.2225	2.2585	2.4810	3.5718	265.3898	33.9957	38.0876	49.6381	0.9087		
20/12/2012	93.9365	0.2157	2.1230	2.3386	3.3535	265.4129	34.7372	38.0472	49.6811	0.7653		
21/12/2012	92.9485	0.2062	2.6194	2.8256	3.8558	264.1291	33.0808	38.0062	49.4435	0.7775		
22/12/2012	94.1070	0.1984	1.9246	2.1230	3.4152	265.0912	36.3788	38.1363	49.8329	0.8495		
23/12/2012	95.6542	0.1716	1.3964	1.5680	2.4456	267.5282	45.6254	38.0643	50.0492	0.4950		
24/12/2012	96.6257	0.1642	1.0879	1.2521	1.8095	268.6619	42.8379	37.9972	50.1565	0.4077		
25/12/2012	97.9176	0.1253	0.5529	0.6783	1.0622	270.7601	42.0973	38.0260	50.4450	0.2567		
26/12/2012	96.3496	0.1725	1.0823	1.2548	1.9939	269.7834	42.0940	38.1073	50.2157	0.4909		
27/12/2012	95.0152	0.1477	1.7806	1.9283	2.6266	268.6355	41.6942	38.0455	49.8782	0.6436		
28/12/2012	93.8930	0.1658	2.1645	2.3303	3.4176	268.1223	43.9432	38.0697	49.7107	0.7988		
29/12/2012	94.7300	0.1492	1.7192	1.8684	3.0573	268.4007	44.9392	38.1318	49.9540	0.7310		
30/12/2012	96.4937	0.1293	1.0924	1.2217	1.9422	270.6085	43.3467	38.0685	50.2203	0.1873		
31/12/2012	96.7962	0.1196	0.9977	1.1174	1.7411	270.7670	42.1636	38.0527	50.2597	0.3643		

\*/ 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>	92.7845	0.1196	0.5529	0.6783	1.0622	263.3170	30.1772	37.9815	49.4342	0.1873		
<b>Promedio</b>	94.7202	0.2028	1.7956	1.9984	2.8404	267.5375	59.3387	38.0890	49.8617	0.7082		
<b>Máximo</b>	97.9176	0.3012	2.7284	2.9572	4.1725	270.7670	161.2220	38.2538	50.4450	1.5973		
<b>Desv. Est.</b>	1.44385	0.04930	0.59885	0.63051	0.76326	2.07825	34.69853	0.06283	0.28365	0.31393		

Observaciones: DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ

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

<b>PERMISIONARIO:</b>	<b>GDF Suez</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>Venta de Carpío</b>
<b>ZONA DE MEDICIÓN:</b>	<b>SUR</b>



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>8.0 MÁX.</b>	<b>8.0 MÁX.</b>	<b>12.0 MÁX.</b>	<b>271.15 MÁX</b>	<b>110.0 MÁX.</b>	<b>43.6 MÁX.</b>	<b>53.2 MÁX.</b>	<b>6.0 MÁX.</b>	<b>150.0 MÁX.</b>	<b>0.2 MÁX.</b>
01/12/2012	96.9926	0.1980	0.8671	1.0650	1.6899	269.8267	85.3676	38.0296	50.2629	2.3494		
02/12/2012	96.5022	0.2712	1.7740	2.0452	2.6761	269.5414	68.9957	38.0801	50.1466	1.9446		
03/12/2012	93.2332	0.3441	2.7531	3.0972	4.1139	265.5727	111.4765	38.2195	49.6381	1.6895		
04/12/2012	93.2829	0.3279	2.5319	2.8598	3.5255	265.6828	124.7755	38.1020	49.5269	1.1703		
05/12/2012	93.7809	0.2960	2.4454	2.7415	3.4340	266.6383	128.8825	38.1034	49.6202	0.7039		
06/12/2012	93.0654	0.2897	2.5899	2.8796	3.6734	265.5707	174.6297	38.0632	49.4507	0.7743		
07/12/2012	94.5292	0.2608	2.1242	2.3850	3.2274	268.1412	180.0991	38.1043	49.7852	0.7391		
08/12/2012	94.5957	0.1910	2.1084	2.2993	2.6557	269.1520	182.4431	38.0070	49.6955	0.9239		
09/12/2012	94.7225	0.2481	2.6197	2.8678	3.4298	270.2180	70.6641	38.0338	49.7302	1.4255		
10/12/2012	92.9635	0.2227	2.7332	2.9559	3.9732	267.5483	79.6934	38.3165	49.6858	1.0471		
11/12/2012	96.3395	0.1322	1.2524	1.3846	2.1732	271.5956	75.0806	38.1923	50.2605	1.0559		
12/12/2012	94.6864	0.1782	1.8522	2.0304	3.0235	269.3095	53.7833	38.1089	49.8918	0.6951		
13/12/2012	94.5811	0.3091	2.1357	2.4448	4.3821	263.7953	68.9957	38.3319	50.1291	1.2671		
14/12/2012	96.5599	0.2253	1.6956	1.9209	2.9872	266.4662	41.4170	38.0962	50.2309	1.5751		
15/12/2012	98.0836	0.1422	0.4238	0.5661	1.0696	270.7841	321.5218	38.0567	50.5170	0.9327		
16/12/2012	96.3773	0.2356	1.6316	1.8671	2.8985	269.6031	321.5218	38.0513	50.1631	2.3318		
17/12/2012	94.9994	0.2003	1.6596	1.8599	2.8955	267.7870	47.7964	38.1668	49.9861	2.1910		
18/12/2012	93.8188	0.2307	2.2516	2.4823	3.6667	266.1856	53.7833	38.1937	49.7746	1.2143		
19/12/2012	94.0954	0.2203	2.4552	2.6755	3.8732	265.7150	40.2393	38.0865	49.7546	1.1791		
20/12/2012	95.3134	0.1992	2.1654	2.3646	3.0569	267.0896	56.7276	37.9701	49.8598	1.1703		
21/12/2012	95.1175	0.1950	1.6984	1.8935	2.7818	265.7983	42.9874	38.1165	49.9407	1.3375		
22/12/2012	96.7696	0.1516	1.1019	1.2535	2.0289	268.4370	66.5421	38.0724	50.2723	1.8654		
23/12/2012	98.3758	0.1364	0.3120	0.4484	0.8801	271.5892	69.5845	38.0505	50.5725	0.6863		
24/12/2012	98.3544	0.1311	0.3272	0.4583	0.9063	270.0611	49.0723	38.0525	50.5714	0.6687		
25/12/2012	96.6674	0.1169	1.2029	1.3198	1.8351	270.4825	48.6797	38.0153	50.1862	0.3256		
26/12/2012	98.3693	0.1494	0.2770	0.4264	0.9389	271.4492	67.0328	38.0854	50.6032	1.2143		
27/12/2012	95.7692	0.1349	1.6774	1.8123	2.2716	271.5130	66.2476	37.9797	49.9568	1.9974		
28/12/2012	96.5384	0.1103	1.1927	1.3030	1.9515	271.0129	67.0328	38.0409	50.1819	1.3639		
29/12/2012	95.9312	0.1299	1.3683	1.4982	2.3531	269.9832	69.0938	38.0799	50.1063	1.3375		
30/12/2012	97.7140	0.1229	0.7385	0.8614	1.5646	271.5250	45.2447	38.0923	50.4597	0.5280		
31/12/2012	97.2534	0.1146	0.8548	0.9695	1.4552	271.6660	67.1309	38.0304	50.3229	0.8447		

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<b>Mínimo</b>	92.9635	0.1103	0.2770	0.4264	0.8801	263.7953	40.2393	37.9701	49.4507	0.3256		
<b>Promedio</b>	95.6575	0.2005	1.6394	1.8399	2.6256	268.7013	95.0498	38.0945	50.0414	1.2435		
<b>Máximo</b>	98.3758	0.3441	2.7531	3.0972	4.3821	271.6660	321.5218	38.3319	50.6032	2.3494		
<b>Desv. Est.</b>	1.66480	0.06848	0.76553	0.82006	1.00758	2.32223	72.23083	0.08433	0.32737	0.53655		

Observaciones:

DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ

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

<b>PERMISIONARIO:</b>	<b>GDF Suez</b>
<b>PUNTO DE MEDICIÓN:</b>	<b>Venta de Carpio</b>
<b>ZONA DE MEDICIÓN:</b>	<b>SUR</b>



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.	8.0 MÁX.	8.0 MÁX.	12.0 MÁX.	271.15 MÁX	110.0 MÁX.	36.3 MÍN.	46.2 MÍN.	6.0 MÁX.	150.0 MÁX.	0.2 MÁX.
01/12/2012	96.9357	0.1939	0.8428	1.0366	1.6527	269.2818	36.4117	38.0137	50.2428	1.0735		
02/12/2012	94.7546	0.2106	1.0882	1.2988	1.7661	267.6656	34.1543	38.0414	49.8135	0.9151		
03/12/2012	92.1535	0.3038	2.2811	2.5850	3.5422	264.4829	59.7701	38.1873	49.3909	0.6687		
04/12/2012	93.0028	0.3017	2.3961	2.6978	3.4154	265.4503	103.1647	38.0830	49.4393	0.4576		
05/12/2012	93.2175	0.2592	2.2206	2.4799	3.0842	266.1204	102.8713	38.0586	49.5067	0.3696		
06/12/2012	92.9739	0.2698	2.5463	2.8160	3.6068	264.8661	125.5578	38.0242	49.4153	0.2816		
07/12/2012	93.8763	0.2247	1.9245	2.1492	2.8049	267.9481	145.8974	38.0748	49.6775	0.3256		
08/12/2012	94.5295	0.1888	2.0643	2.2531	2.6222	268.7356	60.8497	37.9773	49.6587	0.2992		
09/12/2012	93.1546	0.1895	1.9858	2.1753	2.5954	268.6186	55.3536	38.0045	49.4187	0.3256		
10/12/2012	92.3777	0.2083	2.4197	2.6280	3.6160	266.6345	68.0142	38.1975	49.4870	0.4224		
11/12/2012	95.9181	0.1184	1.1184	1.2369	1.9242	270.8806	52.3111	38.1464	50.2093	0.3168		
12/12/2012	94.6106	0.1702	1.7898	1.9600	2.9215	268.9074	41.8096	38.0649	49.8359	0.3520		
13/12/2012	92.7820	0.2896	1.3211	1.6107	3.4261	262.5450	23.4566	38.3110	49.7741	0.5632		
14/12/2012	94.7235	0.1820	0.9842	1.1662	1.9240	265.3112	22.3770	38.0683	49.8879	0.5390		
15/12/2012	98.0348	0.1406	0.4167	0.5573	1.0248	270.5477	26.1065	38.0442	50.5088	0.5148		
16/12/2012	94.9352	0.1973	1.0773	1.2746	2.0352	267.9466	27.9713	38.0425	49.8872	0.4906		
17/12/2012	94.7761	0.1946	1.5921	1.7867	2.7496	267.1436	29.8360	38.1436	49.9620	0.4664		
18/12/2012	93.2992	0.2168	2.0620	2.2788	3.3790	265.7081	29.5415	38.1681	49.6933	0.5104		
19/12/2012	93.0824	0.2046	2.0033	2.2079	3.3481	264.8534	28.6582	38.0427	49.5304	0.5544		
20/12/2012	94.2218	0.1780	1.6755	1.8535	2.4789	266.2804	27.8731	37.9372	49.6075	0.4312		
21/12/2012	94.8579	0.1908	1.6228	1.8137	2.6196	265.4714	24.5362	38.0859	49.9099	0.5808		
22/12/2012	96.3736	0.1305	0.9610	1.0915	1.8021	267.9615	24.1436	38.0548	50.1970	0.2904		
23/12/2012	98.3506	0.1344	0.3008	0.4352	0.8539	270.3887	36.4117	38.0412	50.5635	0.2376		
24/12/2012	98.3123	0.1305	0.3085	0.4390	0.8776	269.4723	29.7378	38.0444	50.5618	0.2112		
25/12/2012	96.4899	0.1137	1.1157	1.2294	1.7405	269.9661	36.5098	37.9932	50.1382	0.1672		
26/12/2012	98.3054	0.1451	0.2614	0.4065	0.8799	270.9075	36.9024	38.0675	50.5893	0.2024		
27/12/2012	95.6098	0.1156	1.5377	1.6532	2.1961	270.4837	30.0323	37.9281	49.8720	0.2376		
28/12/2012	96.4248	0.1096	1.1641	1.2737	1.8390	270.2787	36.1172	38.0052	50.1502	0.3344		
29/12/2012	95.7994	0.1279	1.3359	1.4638	2.2540	269.0789	40.1412	38.0550	50.0903	0.3256		
30/12/2012	97.2330	0.1201	0.5752	0.6952	1.2483	270.3212	40.3374	38.0598	50.4025	0.0352		
31/12/2012	97.2382	0.1128	0.8413	0.9542	1.4466	270.2769	38.5708	38.0143	50.3076	0.1320		

\*/ 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>	92.1535	0.1096	0.2614	0.4065	0.8539	262.5450	22.3770	37.9281	49.3909	0.0352		
<b>Promedio</b>	95.1082	0.1830	1.4140	1.5970	2.3121	267.8882	47.5944	38.0639	49.9267	0.4075		
<b>Máximo</b>	98.3506	0.3038	2.5463	2.8160	3.6160	270.9075	145.8974	38.3110	50.5893	1.0735		
<b>Desv. Est.</b>	1.89122	0.05798	0.67685	0.71783	0.87505	2.29140	31.03467	0.07801	0.37620	0.21513		

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

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