

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

PERMISIONARIO:  
PUNTO DE MEDICIÓN:  
ZONA DE MEDICIÓN:

GDF Suez  
Coyotepec  
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 <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)
	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.
01/04/2014	90.9005	0.2201	3.4162	3.6363	5.0350			38.1198	49.1899			
02/04/2014	90.7805	0.2191	3.4066	3.6257	5.1410			38.1740	49.2267			
03/04/2014	90.9779	0.2363	3.0635	3.2998	5.2380			38.3401	49.4623			
04/04/2014	90.8843	0.2590	3.1897	3.4487	5.2170			38.2563	49.3432			
05/04/2014	91.2681	0.2448	2.9510	3.1958	5.0490			38.3279	49.4986			
06/04/2014	91.2851	0.2518	3.1161	3.3679	4.8680			38.2058	49.3499			
07/04/2014	90.9209	0.2476	3.0919	3.3395	5.1460			38.3661	49.4572			
08/04/2014	90.7753	0.2344	3.1378	3.3722	5.2880			38.3788	49.4535			
09/04/2014	91.5525	0.2457	2.9470	3.1927	4.7320			38.3827	49.6150			
10/04/2014	90.2815	0.2477	3.6377	3.8854	5.3010			38.1661	49.1037			
11/04/2014	90.3153	0.2549	3.0639	3.3188	5.6580			38.5869	49.5936			
12/04/2014	90.3359	0.2242	2.9955	3.2197	5.7860			38.6320	49.6701			
13/04/2014	90.5983	0.2309	2.8249	3.0558	5.7000			38.6661	49.7602			
14/04/2014	90.9443	0.2395	2.7235	2.9630	5.4810			38.6190	49.7714			
15/04/2014	91.3694	0.2314	2.7901	3.0215	5.2360			38.3768	49.6078			
16/04/2014	90.8366	0.1957	3.2424	3.4381	5.4230			38.2276	49.3459			
17/04/2014	90.9100	0.1927	3.0392	3.2319	5.5510			38.3442	49.5052			
18/04/2014	91.7479	0.1942	2.9001	3.0943	4.8260			38.2076	49.4848			
19/04/2014	91.2791	0.1957	3.1163	3.3120	5.0150			38.2353	49.4049			
20/04/2014	90.5074	0.2002	3.5403	3.7405	5.4190			38.1328	49.1577			
21/04/2014	90.4171	0.2098	3.6379	3.8477	5.4070			38.0840	49.0802			
22/04/2014	90.8573	0.2463	3.1064	3.3527	5.5070			38.2753	49.3998			
23/04/2014	90.5204	0.2637	3.1103	3.3740	5.8030			38.3624	49.4377			
24/04/2014	91.2927	0.3021	2.6175	2.9196	5.4450			38.5021	49.7404			
25/04/2014	90.9292	0.2382	2.8470	3.0852	5.5980			38.4995	49.6745			
26/04/2014	90.5657	0.2070	3.1103	3.3173	5.7710			38.3999	49.4972			
27/04/2014	90.2651	0.1800	3.3333	3.5133	5.8460			38.3630	49.3961			
28/04/2014	89.9088	0.1660	3.7808	3.9468	5.8170			38.1636	49.0945			
29/04/2014	90.4678	0.1665	3.7861	3.9526	5.2790			37.9940	48.9916			
30/04/2014	90.7025	0.2141	3.4720	3.6861	5.2750			38.1161	49.1681			

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

Mínimo	89.9088	0.1660	2.6175	2.9196	4.7320			37.9940	48.9916			
Promedio	90.8132	0.2253	3.1665	3.3918	5.3619			38.3169	49.4161			
Máximo	91.7479	0.3021	3.7861	3.9526	5.8460			38.6661	49.7714			
Desv. Est.	0.42159	0.03061	0.30537	0.28892	0.30806			0.17243	0.21539			

Observaciones: DATOS TOMADOS DE LOS REPORTES DE PGPB

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

PERMISIONARIO:  
PUNTO DE MEDICIÓN:  
ZONA DE MEDICIÓN:

GDF Suez  
Venta de Carpio  
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 <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)
01/04/2014	93.4916	0.1689	2.6221	2.7910	3.3581	262.8873	55.3611	37.8727	49.3883	1.2195		
02/04/2014	93.6149	0.1628	2.5404	2.7031	3.3219	263.5112	56.1138	37.8989	49.4441	1.2329		
03/04/2014	93.6154	0.1671	2.3784	2.5455	3.4474	263.8261	56.3385	38.0141	49.6237	1.1242		
04/04/2014	93.1397	0.2094	2.5168	2.7262	3.7523	262.6164	57.7312	38.0371	49.5547	1.0850		
05/04/2014	93.6840	0.1976	2.2679	2.4656	3.4489	262.8680	57.1822	38.0583	49.6498	1.0125		
06/04/2014	94.7376	0.1664	2.0612	2.2276	2.6785	265.5599	55.9564	37.8971	49.6525	0.7699		
07/04/2014	92.5477	0.2100	2.7982	3.0082	3.9498	261.2999	57.0299	38.0384	49.3791	1.0163		
08/04/2014	92.7637	0.1928	2.6981	2.8908	3.8892	261.9831	58.7165	38.0443	49.4386	1.2021		
09/04/2014	92.9585	0.2078	2.6703	2.8781	3.7095	261.7242	60.5985	37.9971	49.4122	1.1360		
10/04/2014	91.3116	0.2196	3.7739	3.9934	4.2329	261.0681	60.1228	37.8524	49.0044	1.3790		
11/04/2014	91.9407	0.2117	2.8491	3.0608	4.4215	261.5779	57.9378	38.2281	49.4890	1.3490		
12/04/2014	92.9734	0.1701	2.4184	2.5885	3.9488	263.0784	54.2004	38.1928	49.6632	1.0909		
13/04/2014	93.6289	0.1382	2.3887	2.5269	3.4509	265.0703	56.6951	38.0572	49.6661	1.0245		
14/04/2014	93.5001	0.1736	2.2741	2.4476	3.6165	262.7818	56.2792	38.1295	49.6884	1.2794		
15/04/2014	93.7791	0.1773	2.2279	2.4052	3.4872	263.0274	55.7452	38.0299	49.6435	1.2689		
16/04/2014	94.3629	0.1396	2.1400	2.2796	3.0559	267.2012	57.8794	37.9502	49.6678	1.0469		
17/04/2014	94.3122	0.1376	2.1022	2.2399	3.1414	267.0306	61.0177	37.9909	49.7084	1.2645		
18/04/2014	95.8930	0.1149	1.5845	1.6994	2.0254	270.0757	57.7020	37.9176	49.9215	0.6904		
19/04/2014	96.4363	0.1250	1.3133	1.4384	1.7863	269.7411	56.5191	37.9406	50.0499	0.5899		
20/04/2014	97.5995	0.1388	0.6838	0.8227	1.2496	269.5865	58.6845	37.9901	50.1134	0.5993		
21/04/2014	92.4966	0.1876	2.8868	3.0744	4.0754	263.1613	61.0136	37.9151	49.2589	1.5949		
22/04/2014	92.3634	0.2063	2.8276	3.0339	4.3059	262.8739	65.8687	38.0008	49.3451	1.5616		
23/04/2014	91.4288	0.2389	3.0023	3.2411	5.0235	259.7366	65.2143	38.1355	49.3285	0.0715		
24/04/2014	92.0893	0.2702	2.6146	2.8848	4.6907	259.3722	67.2925	38.1931	49.5119	-----		
25/04/2014	91.7888	0.2157	2.9030	3.1187	4.7169	259.5042	65.7622	38.1348	49.3864	-----		
26/04/2014	92.4950	0.1797	2.7304	2.9101	4.2637	261.1859	63.4499	38.0647	49.4454	-----		
27/04/2014	93.8567	0.1394	2.3207	2.4601	3.3357	264.9338	64.2538	37.9870	49.6080	-----		
28/04/2014	91.8801	0.1503	3.0994	3.2498	4.5527	260.4965	63.7129	38.0057	49.2689	-----		
29/04/2014	92.0172	0.1502	3.2111	3.3614	4.3170	259.8695	66.7238	37.8914	49.1541	-----		
30/04/2014	92.3566	0.1749	2.9312	3.1062	4.2085	260.5848	65.4464	37.9734	49.3087	-----		

\*/ 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>	91.3116	0.1149	0.6838	0.8227	1.2496	259.3722	54.2004	37.8524	49.0044	0.0715		
<b>Promedio</b>	93.3021	0.1781	2.4945	2.6726	3.6487	263.2745	59.8850	38.0146	49.5258	1.0700		
<b>Máximo</b>	97.5995	0.2702	3.7739	3.9934	5.0235	270.0757	67.2925	38.2281	50.1134	1.5949		
<b>Desv. Est.</b>	1.45287	0.03601	0.58654	0.60781	0.86549	2.98763	3.99580	0.09858	0.24343	0.34232		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ  
SE REALIZAN MODIFICACIONES EN EL SISTEMA ALTERNATIVO DE ENERGÍA**

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

PERMISIONARIO:  
PUNTO DE MEDICIÓN:  
ZONA DE MEDICIÓN:

GDF Suez  
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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>83.0 MÍN.</b>	<b>3.0 MÁX.</b>	<b>6.0 MÁX.</b>	<b>6.0 MÁX.</b>	<b>11.0 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>
01/04/2014	95.1123	0.2059	3.4137	3.5951	4.2160	265.6859	56.7276	39.2901	50.7073	2.5606		
02/04/2014	94.8728	0.2081	3.0772	3.2297	3.9346	265.9513	321.5218	39.2974	50.7170	2.9214		
03/04/2014	95.6154	0.2382	3.1209	3.3591	5.0856	265.9221	321.5218	39.3072	50.7203	2.8774		
04/04/2014	93.8206	0.2375	2.9252	3.1481	4.5310	265.0420	62.3218	39.3021	50.7205	2.6750		
05/04/2014	94.6120	0.2432	2.5483	2.7915	4.1130	264.6361	58.6905	39.2940	50.7112	2.2702		
06/04/2014	95.7610	0.1933	2.3086	2.5019	3.0838	268.6456	57.2183	39.2964	50.7148	1.8654		
07/04/2014	94.5855	0.2368	3.2394	3.4434	4.2505	265.4849	80.5760	39.2952	50.7140	2.5342		
08/04/2014	94.1606	0.2465	3.3297	3.5711	5.0958	264.9303	81.7495	39.2973	50.7155	2.8686		
09/04/2014	95.2070	0.3713	3.3822	3.5493	4.4095	263.2200	321.5218	39.2964	50.7161	2.4726		
10/04/2014	92.7980	0.2574	4.6039	4.8579	4.9875	265.6831	62.9107	39.3033	50.7172	3.7749		
11/04/2014	93.5285	0.2790	3.9253	4.1425	5.7044	264.0138	63.4996	39.2933	50.7104	3.1589		
12/04/2014	94.1496	0.2076	2.9853	3.1122	4.9116	265.9427	75.0806	39.2956	50.7141	2.5254		
13/04/2014	94.9821	0.1523	2.7380	2.8780	4.3475	266.4611	58.3961	39.2948	50.7136	1.7511		
14/04/2014	95.2893	0.1972	3.4129	3.5005	4.3754	264.5487	57.8072	39.3000	50.7145	2.5078		
15/04/2014	96.1353	0.2843	2.5753	2.7373	4.2013	264.6452	321.5218	39.2964	50.7168	2.1998		
16/04/2014	95.7120	0.1774	2.6119	2.7893	3.8277	269.8267	73.5103	39.2962	50.7173	2.2790		
17/04/2014	95.5275	0.1573	2.8392	2.9734	4.5269	269.3388	82.3362	39.2946	50.7120	28.8264		
18/04/2014	96.2221	0.1426	1.7060	1.8360	2.5753	277.4023	321.5218	39.3598	50.7504	28.8264		
19/04/2014	97.0500	0.1413	1.5876	1.7042	2.0076	271.6129	57.9053	39.2962	50.7163	1.0031		
20/04/2014	98.2025	0.1471	1.1535	1.2908	1.7589	272.5188	81.5539	39.3015	50.7174	1.7335		
21/04/2014	97.9462	0.2414	3.7748	3.9967	4.9381	267.7829	64.8736	39.3013	50.7173	4.0125		
22/04/2014	93.8194	0.2490	3.6076	3.8086	4.8653	265.9188	88.2034	39.2960	50.7146	3.5109		
23/04/2014	92.5710	0.2864	3.2607	3.5471	5.5903	263.0563	78.7120	39.2942	50.7116	1.9534		
24/04/2014	95.7082	0.5488	3.2388	3.5263	5.1956	262.5063	91.0392	39.2971	50.7074	0.0088		
25/04/2014	93.4153	0.2609	3.3381	3.5571	5.5002	263.0837	88.3989	39.2939	50.7189	0.0088		
26/04/2014	94.5870	0.2447	3.1008	3.3102	5.0505	267.6245	84.4875	39.2992	50.7189	28.8264		
27/04/2014	95.7429	0.1590	3.1151	3.2510	4.4525	266.4457	84.9764	39.2926	50.7105	0.0088		
28/04/2014	93.4785	0.1756	3.7991	3.9512	5.5699	263.3109	78.5157	39.2961	50.7143	0.0088		
29/04/2014	94.3683	0.2470	3.7473	3.8907	5.0698	262.1526	68.8975	39.2985	50.7127	0.0088		
30/04/2014	95.9509	0.2220	3.7919	3.9416	5.2999	264.2140	87.2255	39.2938	50.7141	0.0088		

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<b>Mínimo</b>	92.5710	0.1413	1.1535	1.2908	1.7589	262.1526	56.7276	39.2901	50.7073	0.0088		
<b>Promedio</b>	95.0311	0.2320	3.0753	3.2597	4.4492	266.2536	114.4407	39.2990	50.7159	4.6663		
<b>Máximo</b>	98.2025	0.5488	4.6039	4.8579	5.7044	277.4023	321.5218	39.3598	50.7504	28.8264		
<b>Desv. Est.</b>	1.34669	0.07919	0.72353	0.74354	0.99185	3.29954	94.81529	0.01201	0.00732	8.27509		

Observaciones:

**DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ  
SE REALIZAN MODIFICACIONES EN EL SISTEMA ALTERNATIVO DE ENERGÍA**

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

PERMISIONARIO:  
PUNTO DE MEDICIÓN:  
ZONA DE MEDICIÓN:

GDF Suez  
Venta de Carpio  
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 <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>83.0 MÍN.</b>	<b>3.0 MÁX.</b>	<b>6.0 MÁX.</b>	<b>6.0 MÁX.</b>	<b>11.0 MÁX.</b>	<b>271.15 MÁX</b>	<b>110.0 MÁX.</b>	<b>36.8 MÍN.</b>	<b>47.3 MÍN.</b>	<b>6.0 MÁX.</b>	<b>150.0 MÁX.</b>	<b>0.2 MÁX.</b>
01/04/2014	91.7735	0.1200	2.0862	2.2062	2.3784	261.0970	54.3721	37.7672	49.0031	0.8183		
02/04/2014	92.6752	0.1343	1.9847	2.1220	2.5853	261.5253	-----	37.7628	49.1504	-----		
03/04/2014	91.0702	0.0962	1.7247	1.8209	2.2514	258.8325	-----	37.8891	49.3145	-----		
04/04/2014	91.9039	0.1608	2.2050	2.3972	3.3915	260.4501	50.9371	37.9270	49.3412	0.6159		
05/04/2014	92.6225	0.1657	1.9309	2.1153	2.9022	260.6096	55.5499	37.9276	49.5246	0.6159		
06/04/2014	94.0397	0.1455	1.6688	1.8150	2.1026	264.3599	54.6666	37.8206	49.5282	0.0880		
07/04/2014	91.8161	0.1633	2.1624	2.3259	2.6859	259.3871	52.3111	37.8560	49.0958	0.1144		
08/04/2014	90.8789	0.1375	2.3076	2.4451	3.0311	257.1369	51.6241	37.8675	49.1267	0.6775		
09/04/2014	92.2204	0.1671	0.8216	1.1929	2.5967	260.5463	53.7833	37.6206	48.9032	0.7303		
10/04/2014	89.7871	0.1825	2.9124	3.1031	3.6621	256.5423	55.9424	37.5626	48.3040	0.7831		
11/04/2014	90.2139	0.1624	2.4360	2.5984	3.4139	258.9177	44.7540	38.0108	49.2561	0.8799		
12/04/2014	91.6660	0.1267	2.1360	2.2901	3.0773	260.9243	44.4595	37.9148	49.2796	0.6335		
13/04/2014	92.3705	0.1184	1.6818	1.8190	2.7816	263.6858	54.4703	37.9236	49.4083	0.7479		
14/04/2014	92.2603	0.0877	1.4515	1.6386	2.6541	261.2815	54.8629	37.7161	48.9976	0.8359		
15/04/2014	92.8911	0.1489	1.0841	1.2940	2.2753	260.9991	54.3722	37.8644	49.4535	0.7215		
16/04/2014	93.1078	0.1038	1.6068	1.7245	2.2591	264.3211	53.8814	37.8191	49.4253	0.6071		
17/04/2014	92.1942	0.0980	1.7060	1.8360	2.2818	264.7871	51.2315	37.8486	49.4406	0.6159		
18/04/2014	95.2693	0.1033	1.4908	1.5990	1.8137	268.2172	52.7528	37.7872	49.7644	0.5104		
19/04/2014	95.8584	0.1150	0.9558	1.0890	1.5378	268.2992	54.2740	37.8302	49.9158	0.4048		
20/04/2014	96.6272	0.1239	0.3880	0.5203	0.9501	266.2948	51.7222	37.9197	49.4402	0.3520		
21/04/2014	90.6954	0.1457	0.5070	0.6527	1.0709	260.3940	53.5870	37.6946	48.7632	0.8183		
22/04/2014	91.1826	0.1776	2.1755	2.3570	3.5275	259.9419	61.3404	37.7828	48.8933	0.9855		
23/04/2014	90.8565	0.2021	2.6490	2.8619	4.2678	256.9697	58.7886	37.9874	49.1227	-----		
24/04/2014	91.0117	0.1714	0.6508	0.9717	2.9792	257.0405	63.2051	37.9509	49.1323	-----		
25/04/2014	90.8140	0.1764	2.1979	2.4588	3.6226	256.9475	56.7276	37.9648	49.1619	-----		
26/04/2014	91.2911	0.1284	2.0767	2.2122	2.8863	259.0816	56.4332	37.9244	49.2663	-----		
27/04/2014	92.0292	0.1267	1.6174	1.7441	2.1829	263.1053	57.8072	37.8991	49.2366	-----		
28/04/2014	90.6353	0.1253	2.5050	2.6324	3.5999	257.9073	61.8311	37.7191	48.8575	-----		
29/04/2014	90.8204	0.1334	1.2773	1.5243	3.4021	257.7974	56.5313	37.7952	48.9072	-----		
30/04/2014	90.4585	0.1394	1.1057	1.3277	2.4373	257.0725	60.5552	37.8729	48.9200	-----		

\*/ 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>	89.7871	0.0877	0.3880	0.5203	0.9501	256.5423	44.4595	37.5626	48.3040	0.0880		
<b>Promedio</b>	92.0347	0.1396	1.7168	1.8898	2.6869	260.8158	54.7419	37.8409	49.1978	0.6278		
<b>Máximo</b>	96.6272	0.2021	2.9124	3.1031	4.2678	268.2992	63.2051	38.0108	49.9158	0.9855		
<b>Desv. Est.</b>	1.62815	0.02877	0.64552	0.63334	0.76662	3.30573	4.31045	0.10589	0.31806	0.23655		

Observaciones: **DATOS OBTENIDOS DE LOS ANALIZADORES PROPIEDAD DE GDF SUEZ  
SE REALIZAN MODIFICACIONES EN EL SISTEMA ALTERNATIVO DE ENERGÍA**