

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



(Valores promedio diarios)

<b>PERMISIONARIO:</b>	Tejas Gas Toluca,S de R.I de C.V
<b>PUNTO DE MEDICIÓN:</b>	Palmillas
<b>ZONA DE MEDICIÓN:</b>	<u>SUR</u>

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)
01/01/2017	92.5496	0.4103	3.8673	4.2776	2.9041	248.7159	40.6662	37.1949	48.3341	1.9696		
02/01/2017	92.6318	0.4053	3.7683	4.1737	2.9035	248.7364	42.1039	37.2514	48.4141	1.4976		
03/01/2017	93.2673	0.5213	2.9639	3.4852	2.9640	249.8685	48.9862	37.5258	48.8520	1.1128		
04/01/2017	92.5624	0.4590	3.5447	4.0037	3.1529	251.6885	49.6913	37.3762	48.5508	0.6156		
05/01/2017	92.0585	0.4674	3.5007	3.9681	3.6808	253.2396	43.3457	37.5459	48.6660	1.2741		
06/01/2017	91.8666	0.4300	3.9101	4.3401	3.5108	254.8657	49.4898	37.3509	48.3968	2.2308		
07/01/2017	92.7446	0.4938	3.3586	3.8524	3.1058	254.1760	50.4093	37.4340	48.6431	1.8999		
08/01/2017	92.1222	0.4498	3.5606	4.0104	3.5813	252.2391	49.4435	37.4989	48.6236	2.0370		
09/01/2017	92.1513	0.4470	3.4508	3.8978	3.6374	254.2599	47.0154	37.5748	48.7183	2.1307		
10/01/2017	91.6951	0.4187	3.9943	4.4130	3.5804	254.3249	44.0093	37.3621	48.3746	1.9524		
11/01/2017	92.9202	0.5246	2.6523	3.1769	3.6098	252.5228	43.7033	37.8243	49.1639	1.2220		
12/01/2017	93.0864	0.6218	2.1162	2.7381	3.8832	251.3580	39.8731	38.0689	49.4792	1.1320		
13/01/2017	93.1361	0.6756	1.7654	2.4410	4.1328	249.6157	36.6155	38.2525	49.7059	0.7565		
14/01/2017	93.4372	0.6299	1.9215	2.5515	3.7254	246.9952	35.6236	38.0887	49.5717	0.9915		
15/01/2017	93.7660	0.6307	2.1300	2.7607	3.1723	244.7552	34.6200	37.8641	49.3467	1.2152		
16/01/2017	94.0164	0.6390	1.9047	2.5437	3.1653	246.2389	33.7822	37.9272	49.4785	1.1438		
17/01/2017	94.6724	0.7009	1.2398	1.9407	3.0928	246.6139	32.8281	38.1499	49.8642	0.8474		
18/01/2017	94.3932	0.6389	1.6903	2.3292	2.9442	248.3618	31.4945	37.9864	49.6087	0.7862		
19/01/2017	94.1782	0.6283	1.8604	2.4887	3.0409	250.5855	31.4168	37.9244	49.5038	0.9322		
20/01/2017	94.2338	0.6507	1.6461	2.2968	3.1807	251.5806	33.7214	38.0324	49.6476	1.0998		
21/01/2017	95.1049	0.7679	0.7282	1.4961	3.1116	252.3508	28.4569	38.3148	50.1452	0.6038		
22/01/2017	95.1799	0.7375	0.7912	1.5288	3.0526	248.0140	27.4102	38.2544	50.1030	0.5149		
23/01/2017	96.2570	0.7256	0.2041	0.9297	2.6179	246.3770	21.6218	38.3322	50.4253	0.4065		
24/01/2017	94.6753	0.6461	1.4310	2.0771	2.9952	247.6958	29.9184	38.0395	49.7517	1.2786		
25/01/2017	95.2577	0.6870	0.9489	1.6359	2.8901	247.3837	26.4078	38.1539	50.0083	1.5212		
26/01/2017	95.5390	0.7225	0.4790	1.2015	3.0354	247.7635	28.2835	38.3644	50.3194	3.3822		
27/01/2017	95.7113	0.7587	0.2420	1.0007	3.0761	247.9381	18.0178	38.4437	50.4483	1.8116		
28/01/2017	95.5168	0.8225	0.2226	1.0451	3.2280	247.0632	10.8712	38.4702	50.4278	0.6098		
29/01/2017	95.4594	0.7353	0.3838	1.1191	3.1907	246.3998	21.5463	38.4457	50.4006	2.4718		
30/01/2017	94.7862	0.8719	0.3279	1.1997	3.7842	246.3666	16.0214	38.5834	50.4100	1.8450		
31/01/2017	94.0146	1.0613	0.2137	1.2750	4.4903	247.7060	11.9793	38.7487	50.4257	5.9870		

\*/ 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>	91.6951	0.4053	0.2041	0.9297	2.6179	244.7552	10.8712	37.1949	48.3341	0.4065		
<b>Promedio</b>	93.8384	0.6251	1.9619	2.5870	3.3045	249.5420	34.1733	37.9479	49.4777	1.5251		
<b>Máximo</b>	96.2570	1.0613	3.9943	4.4130	4.4903	254.8657	50.4093	38.7487	50.4483	5.9870		
<b>Desv. Est.</b>	1.31436427	0.154333017	1.321450471	1.178819737	0.414484812	2.904987457	11.43900542	0.433405544	0.738746742	1.065624883		

Observaciones:

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



**PERMISIONARIO:** Tejas Gas Toluca, S de R.I de C.V  
**PUNTO DE MEDICIÓN:** Palmillas  
**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 <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )
01/01/2017	93.5575	0.5280	5.6235	6.1516	3.1637	249.5514	45.9009	37.5257	48.4873	3.4009
02/01/2017	94.6334	0.6163	5.2696	5.8859	3.1780	249.4878	44.9598	37.7072	48.7588	3.1689
03/01/2017	94.6698	0.6600	3.8322	4.4923	3.1430	250.9549	55.8820	37.9520	49.2983	2.3835
04/01/2017	94.6790	0.6544	4.3331	4.9875	3.5689	252.8457	58.0918	37.9956	49.1347	1.9478
05/01/2017	92.8503	0.5165	4.0521	4.5686	4.4772	254.4247	46.1554	37.8916	49.0042	2.7451
06/01/2017	92.8725	0.5027	5.1875	5.6902	4.7917	256.5172	52.3334	37.6051	48.4165	3.4318
07/01/2017	93.0156	0.5161	3.6817	4.1978	3.4405	255.3230	55.5706	37.6308	48.8269	3.9972
08/01/2017	92.8110	0.4954	4.0336	4.5290	4.2349	253.5592	53.0387	37.7355	48.7706	2.5834
09/01/2017	94.0038	0.5718	5.2977	5.8695	4.4032	255.2651	52.0314	37.9460	48.7611	2.8693
10/01/2017	93.5747	0.5648	6.6066	7.1714	4.8925	255.9728	52.0314	37.8823	48.4613	2.8693
11/01/2017	93.6762	0.5978	3.3610	3.9588	4.4095	253.8493	48.4162	37.9423	49.0597	1.8569
12/01/2017	93.4357	0.6770	2.8360	3.5130	4.2210	252.4749	46.6886	38.2634	49.6562	2.7128
13/01/2017	93.6508	0.7487	2.1575	2.9062	4.2517	250.4404	39.5781	38.4751	49.9455	1.5240
14/01/2017	93.7551	0.6864	2.3650	3.0514	4.2539	249.7694	38.0884	38.3518	49.8155	1.6091
15/01/2017	94.3034	0.7053	2.4273	3.1326	3.3004	245.7336	36.7095	38.0026	49.4680	1.7169
16/01/2017	95.1861	0.7452	2.7335	3.4787	3.3316	246.6612	36.4326	38.3804	49.9415	1.9118
17/01/2017	95.3463	0.7828	1.7863	2.5691	3.2079	247.6681	36.5485	38.3767	50.0467	1.6295
18/01/2017	94.7075	0.6696	1.8116	2.4812	3.0748	248.7489	33.7241	38.0921	49.6716	1.2264
19/01/2017	94.8768	0.7128	2.3884	3.1012	3.2421	251.6075	33.6689	38.2553	49.8143	1.5632
20/01/2017	94.6929	0.7051	2.2285	2.9337	3.3410	252.8604	35.1048	38.1379	49.7347	1.6251
21/01/2017	95.7042	0.8621	1.6373	2.4993	3.2536	253.2970	36.7888	38.5351	50.2959	0.9309
22/01/2017	96.6650	0.8459	2.0436	2.8895	3.2456	249.9756	36.3055	38.4706	50.1815	0.8390
23/01/2017	96.7453	0.8240	0.2193	1.0432	3.1984	247.8875	24.2704	38.4598	50.4224	0.8626
24/01/2017	96.4101	0.7847	2.1803	2.9650	3.2092	249.0108	34.3717	38.3737	50.0608	9.5813
25/01/2017	96.2229	0.7813	1.8395	2.6208	3.2081	250.6413	33.9685	38.3961	50.1094	7.8613
26/01/2017	95.8528	0.7814	1.2540	2.0353	3.3102	249.5318	33.5217	38.4788	50.3422	19.0869
27/01/2017	95.8524	0.8395	0.5927	1.4322	3.1602	249.4937	36.2408	38.4743	50.4431	7.2910
28/01/2017	95.8026	0.9401	0.2327	1.1728	3.6646	248.6428	13.4041	38.5805	50.4624	2.5220
29/01/2017	95.7335	0.8432	1.2026	2.0458	3.5531	247.5653	27.3910	38.5515	50.4031	11.0511
30/01/2017	95.7729	1.0613	1.2024	2.2637	4.5445	248.5384	28.6197	38.7679	50.4237	6.5801
31/01/2017	94.1691	1.0862	0.2416	1.3279	4.6094	249.3560	37.0811	38.7895	50.4414	20.3238
<b>Máximo</b>	96.7453	1.0862	6.6066	7.1714	4.8925	256.5172	58.0918	38.7895	50.4624	20.3238

**Observaciones:**

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

**(Registros mínimos diarios)**



**PERMISIONARIO:**

**Tejas Gas Toluca,S de R.l de C.V**

**PUNTO DE MEDICIÓN:**

**Palmillas**

**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 <sup>3</sup> )	Poder Calorífico (MJ/m <sup>3</sup> )	Índice Wobbe (MJ/m <sup>3</sup> )	Acido Sulfhídrico (mg/m <sup>3</sup> )
01/01/2017	90.7130	0.2060	2.8125	3.0185	2.7801	248.4389	35.9672	36.6955	47.8320	0.7035
02/01/2017	91.0260	0.2722	2.2311	2.5033	2.3940	247.8083	36.9021	36.7979	48.1667	0.0779
03/01/2017	92.4879	0.4088	1.5658	1.9745	2.8024	248.1801	43.2209	37.2456	48.7066	0.0797
04/01/2017	91.5003	0.4055	1.4995	1.9050	2.8946	250.0151	39.1150	37.1265	48.5529	0.0769
05/01/2017	91.5130	0.4283	2.9808	3.4091	3.2662	251.8185	40.0911	37.3353	48.5401	0.0738
06/01/2017	90.0527	0.3304	3.3401	3.6705	2.8997	253.6373	45.2385	36.8871	47.9730	1.1001
07/01/2017	92.4947	0.4626	3.1936	3.6562	2.7681	253.0494	44.8633	37.2623	48.4809	0.0861
08/01/2017	91.3154	0.4102	3.1372	3.5474	3.2619	251.3625	46.6101	37.3320	48.5209	0.9841
09/01/2017	89.6045	0.2926	2.1167	2.4093	3.0265	253.4493	16.8921	36.9585	48.2411	0.6844
10/01/2017	88.4952	0.1664	2.2525	2.4189	3.1930	253.5251	34.8294	36.5205	47.5844	0.9834
11/01/2017	91.6821	0.4427	2.1187	2.5613	3.2570	251.8749	40.0315	37.5868	49.0032	0.4410
12/01/2017	92.6097	0.5235	1.6843	2.2078	3.1986	249.9582	33.0802	37.6926	49.0881	0.0790
13/01/2017	92.7664	0.6245	1.1994	1.8238	3.9906	248.8067	32.4591	38.0839	49.5720	0.0810
14/01/2017	93.0294	0.5663	1.5880	2.1444	3.2847	246.2181	33.7728	37.8290	49.3091	0.3376
15/01/2017	93.4291	0.5635	1.6366	2.2001	3.0422	243.9672	33.2376	37.7880	49.3322	0.4369
16/01/2017	93.1919	0.5487	0.6180	1.1668	3.0568	244.4759	30.8179	37.6751	49.3254	0.3771
17/01/2017	94.0949	0.6333	0.5602	1.1935	2.9308	245.6954	30.3036	37.9814	49.7575	0.1829
18/01/2017	94.1087	0.6088	1.5073	2.1161	2.8086	247.0733	29.3032	37.9270	49.6050	0.2473
19/01/2017	93.5444	0.5789	0.9708	1.5496	2.8625	249.4402	29.9122	37.7206	49.3455	0.2243
20/01/2017	93.8349	0.5590	1.4220	1.9810	2.8679	250.1743	31.7891	37.7940	49.4331	0.4520
21/01/2017	94.2277	0.6693	0.2252	0.8945	2.9896	251.3655	21.9069	38.0216	49.8692	0.2092
22/01/2017	93.9605	0.6173	0.2006	0.8179	2.2754	245.6259	17.2227	37.8696	49.9130	0.2201
23/01/2017	95.5503	0.6121	0.1779	0.7900	2.2658	244.6790	17.5964	38.2634	50.4660	0.0858
24/01/2017	93.8742	0.5614	0.2079	0.7693	2.4699	245.7762	22.5271	37.8152	49.7795	0.1031
25/01/2017	94.0686	0.6192	0.2192	0.8384	2.3995	245.2701	15.0285	37.9318	49.9134	0.0905
26/01/2017	94.7939	0.6452	0.2314	0.8766	2.8680	246.1431	19.0780	38.0932	50.0225	0.0832
27/01/2017	95.4333	0.6863	0.2093	0.8956	2.9609	246.6439	9.9602	38.3462	50.3519	0.0812
28/01/2017	95.0506	0.7739	0.2116	0.9855	2.9736	245.1736	9.4962	38.4076	50.4168	0.0969
29/01/2017	94.6623	0.6254	0.2151	0.8406	2.9803	245.1285	9.7250	38.2023	50.1420	0.1021
30/01/2017	93.9137	0.6233	0.2177	0.8410	3.0149	244.2936	9.8274	38.2083	50.1603	0.0860
31/01/2017	93.8867	1.0407	0.2057	1.2463	4.3439	246.1485	7.5743	38.7001	50.4024	0.2884

<b>Mínimo</b>	88.4952	0.1664	0.1779	0.7693	2.2658	243.9672	7.5743	36.5205	47.5844	0.0738
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**Observaciones:**