

**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>	SUR

FECHA: (dd/mm/aa)	Metano (% vol)	Bióxido de Carbono (% vol)	Nitrógeno (% vol)	Total Inertes (% vol)	Etano (% vol)	Temperatura de Rocío (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)
01/12/2017	96.1776	0.7522	0.3026	1.0547	2.5125	250.5684	17.1933	38.2932	50.3386	0.4721		
02/12/2017	96.3767	0.7633	0.3121	1.0754	2.3414	250.4134	16.8222	38.2057	50.2765	0.4348		
03/12/2017	96.3976	0.7491	0.3046	1.0537	2.3273	248.8412	18.5104	38.2179	50.2968	0.4135		
04/12/2017	96.3113	0.7802	0.3039	1.0841	2.3570	247.4711	16.8591	38.2317	50.2831	0.4644		
05/12/2017	96.1501	0.7794	0.3109	1.0903	2.4380	248.7925	16.2873	38.2996	50.3191	0.4156		
06/12/2017	96.0092	0.7549	0.3052	1.0601	2.5267	249.2675	16.7379	38.3893	50.3897	0.4005		
07/12/2017	96.0415	0.7584	0.2878	1.0463	2.5064	251.3897	17.0036	38.3905	50.3960	0.4105		
08/12/2017	96.1712	0.7615	0.2544	1.0159	2.4074	250.5870	16.6837	38.3749	50.4003	0.5111		
09/12/2017	96.0222	0.7148	0.2417	0.9565	2.5372	249.0899	17.3627	38.4866	50.5022	0.5207		
10/12/2017	95.8606	0.7162	0.2424	0.9587	2.7309	247.0592	20.3662	38.5132	50.5163	0.7199		
11/12/2017	95.7803	0.7060	0.2405	0.9465	2.7236	246.1327	20.2682	38.5779	50.5608	0.7217		
12/12/2017	95.9599	0.7356	0.2354	0.9710	2.5867	244.2451	24.4882	38.4883	50.4916	1.0618		
13/12/2017	96.0724	0.7446	0.2463	0.9910	2.4935	244.9706	25.7790	38.4302	50.4472	1.3794		
14/12/2017	96.2551	0.7619	0.2633	1.0252	2.3627	247.9095	25.7532	38.3234	50.3667	2.8934		
15/12/2017	96.2869	0.7806	0.2939	1.0745	2.3431	250.1943	22.6969	38.2604	50.3037	1.8717		
16/12/2017	96.2257	0.7578	0.2844	1.0421	2.4059	248.7084	19.6647	38.3103	50.3525	0.9691		
17/12/2017	96.1935	0.7440	0.3022	1.0462	2.3920	247.4991	19.2507	38.3309	50.3655	0.4828		
18/12/2017	96.4711	0.7361	0.2961	1.0323	2.2438	247.3967	17.6526	38.2227	50.3124	0.3708		
19/12/2017	96.3940	0.7419	0.2812	1.0231	2.3239	248.4407	16.4368	38.2535	50.3329	0.4638		
20/12/2017	96.0651	0.7229	0.2859	1.0088	2.5869	250.2140	15.1547	38.3828	50.4177	0.5732		
21/12/2017	96.2716	0.7432	0.2953	1.0385	2.4293	251.7320	15.6802	38.2774	50.3392	0.5151		
22/12/2017	96.5316	0.7662	0.3035	1.0697	2.1982	252.1702	18.0296	38.1620	50.2534	0.4952		
23/12/2017	96.7532	0.7450	0.2686	1.0136	2.0359	250.4416	17.7291	38.1350	50.2690	0.4959		
24/12/2017	96.6168	0.7980	0.2203	1.0183	2.1013	247.4191	21.5512	38.1954	50.2883	0.4684		
25/12/2017	96.7653	0.7763	0.2263	1.0025	2.0077	243.2513	20.1897	38.1489	50.2743	0.4687		
26/12/2017	96.7578	0.7844	0.2306	1.0150	2.0091	242.9827	18.4608	38.1408	50.2620	0.5004		
27/12/2017	96.7692	0.7867	0.2590	1.0457	2.0137	244.5380	18.3450	38.1002	50.2242	0.4260		
28/12/2017	96.5570	0.7585	0.2535	1.0120	2.1312	246.3982	17.3894	38.2282	50.3193	0.3838		
29/12/2017	96.4452	0.7675	0.2341	1.0016	2.2020	248.2181	16.6179	38.2849	50.3542	0.3718		
30/12/2017	96.5544	0.7758	0.2314	1.0072	2.1406	249.0786	21.4475	38.2306	50.3188	0.4843		
31/12/2017	96.5001	0.7541	0.2437	0.9978	2.2522	247.7399	18.8749	38.2343	50.3307	0.5791		

\*/ Los valores trimestrales se deberán reportar en los meses de febrero, mayo, agosto y noviembre de cada año, respecto del trimestre inmediato anterior.

<b>Mínimo</b>	95.7803	0.7060	0.2203	0.9465	2.0077	242.9827	15.1547	38.1002	50.2242	0.3708		
<b>Promedio</b>	96.3143	0.7554	0.2697	1.0251	2.3441	248.1665	18.8802	38.2942	50.3517	0.6690		
<b>Máximo</b>	96.7692	0.7980	0.3121	1.0903	2.7309	252.1702	25.7790	38.5779	50.5608	2.8934		
<b>Desv. Est.</b>	0.272828737	0.022302246	0.03017357	0.037312961	0.201803817	2.408372036	2.804089645	0.119647319	0.082671276	0.524014752		

Observaciones:

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

**(Registros máximos 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 Sulhídrico (mg/m <sup>3</sup> )
01/12/2017	96.3233	0.8001	0.3169	1.1169	2.6946	251.4963	19.9482	38.4378	50.4231	0.9388
02/12/2017	96.5921	0.8052	0.3407	1.1459	2.4054	251.5346	18.1589	38.2474	50.2888	0.9008
03/12/2017	96.5758	0.8255	0.3387	1.1641	2.4504	250.0341	19.6392	38.2448	50.2587	0.8594
04/12/2017	96.4746	0.8194	0.3337	1.1531	2.4600	248.8434	19.8116	38.3078	50.3528	1.0148
05/12/2017	96.3237	0.8033	0.3399	1.1432	2.6123	250.0050	18.8938	38.4389	50.4326	0.7243
06/12/2017	96.2835	0.8036	0.3461	1.1497	2.7392	250.5219	18.9990	38.5369	50.5102	0.9463
07/12/2017	96.2621	0.8333	0.3188	1.1521	2.7548	252.1973	18.3483	38.5675	50.5203	0.8999
08/12/2017	96.3746	0.8008	0.2749	1.0757	2.6026	251.5517	19.0703	38.5597	50.5349	1.2769
09/12/2017	96.1527	0.7411	0.2609	1.0020	2.7705	249.7273	18.4966	38.5693	50.5445	1.4491
10/12/2017	96.0502	0.7462	0.2653	1.0115	2.9019	247.9095	22.1792	38.6036	50.5904	1.2448
11/12/2017	96.3738	0.8447	0.2844	1.1291	2.8950	247.0154	22.7152	38.7120	50.6777	0.7437
12/12/2017	96.1800	0.7997	0.2558	1.0555	2.7530	245.2514	26.4037	38.5984	50.5654	0.8318
13/12/2017	96.1635	0.7565	0.2648	1.0212	2.6123	245.9039	26.8177	38.4956	50.4956	2.7388
14/12/2017	96.4432	0.7889	0.2873	1.0762	2.4472	249.7868	29.1941	38.3931	50.4121	0.9744
15/12/2017	96.4611	0.8098	0.3131	1.1047	2.6155	251.0358	26.0150	38.4177	50.4104	1.4012
16/12/2017	96.3833	0.7899	0.3228	1.1040	2.5781	249.7177	22.4453	38.4028	50.4148	1.0633
17/12/2017	96.3692	0.8123	0.3196	1.1091	2.5553	248.5000	21.9681	38.3749	50.4230	2.1808
18/12/2017	96.6403	0.7669	0.3284	1.0838	2.4168	248.1350	20.1171	38.3484	50.4202	1.4307
19/12/2017	96.6631	0.7779	0.2984	1.0511	2.5896	249.1678	19.1107	38.3871	50.4158	1.1986
20/12/2017	96.1658	0.7485	0.2996	1.0330	2.6685	251.5904	18.3767	38.4471	50.4667	2.9094
21/12/2017	96.5237	0.7553	0.3215	1.0691	2.5953	252.7993	17.1983	38.3506	50.3889	0.8126
22/12/2017	96.6143	0.7964	0.3286	1.0905	2.2971	253.6620	19.9860	38.1871	50.2784	0.9310
23/12/2017	96.9297	0.7933	0.2902	1.0679	2.1871	251.0589	20.3158	38.1856	50.3218	1.9817
24/12/2017	96.7162	0.8731	0.2893	1.1161	2.2257	248.1358	22.4572	38.2351	50.3437	1.1038
25/12/2017	96.9451	0.8258	0.2464	1.0461	2.1562	245.8536	23.1446	38.2672	50.3537	0.9568
26/12/2017	96.9325	0.7985	0.2416	1.0378	2.1461	244.1246	21.2038	38.2251	50.3184	1.3225
27/12/2017	96.8742	0.7990	0.2753	1.0675	2.1396	245.8711	21.1931	38.1327	50.2453	0.8955
28/12/2017	96.8217	0.7909	0.2761	1.0618	2.2653	247.3534	20.4736	38.3111	50.3915	1.4978
29/12/2017	96.5345	0.7856	0.2506	1.0194	2.2878	249.5945	19.8992	38.3164	50.3711	1.2024
30/12/2017	96.6946	0.8063	0.2383	1.0412	2.2487	250.6605	23.7623	38.2955	50.3731	2.1875
31/12/2017	96.6334	0.7752	0.2560	1.0208	2.3677	248.6357	22.4330	38.3033	50.3847	1.3155

<b>Máximo</b>	96.9451	0.8731	0.3461	1.1641	2.9019	253.6620	29.1941	38.7120	50.6777	2.9094
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**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 Sulhídrico (mg/m <sup>3</sup> )
01/12/2017	95.8659	0.7331	0.2941	1.0272	2.3626	249.7901	15.9277	38.2247	50.2829	0.1020
02/12/2017	96.2586	0.7208	0.2730	0.9938	2.2290	249.8006	15.7665	38.1729	50.2937	0.1177
03/12/2017	96.1508	0.7075	0.2809	0.9885	2.2225	247.6679	17.5689	38.1524	50.2641	0.0907
04/12/2017	96.1803	0.7520	0.2732	1.0253	2.2185	246.0706	14.4721	38.1796	50.2547	0.0768
05/12/2017	95.9256	0.7363	0.2840	1.0203	2.3052	247.5276	14.2938	38.1994	50.2355	0.0768
06/12/2017	95.7514	0.7173	0.2830	1.0003	2.3117	248.4698	14.6742	38.2105	50.2405	0.0819
07/12/2017	95.6801	0.7161	0.2729	0.9889	2.3626	250.8107	16.0859	38.2090	50.2325	0.0838
08/12/2017	95.8571	0.6960	0.2295	0.9255	2.2518	249.8509	15.1370	38.2757	50.3221	0.0846
09/12/2017	95.7505	0.6865	0.2288	0.9154	2.4421	248.5628	16.0029	38.4326	50.4733	0.0956
10/12/2017	95.6625	0.6862	0.2155	0.9017	2.5752	246.3473	17.5320	38.4401	50.4703	0.1477
11/12/2017	95.5673	0.6395	0.2136	0.8531	2.3004	245.6711	18.2590	38.1658	50.2094	0.0793
12/12/2017	95.7397	0.7074	0.2135	0.9209	2.4257	243.3824	21.7724	38.3201	50.3418	0.1023
13/12/2017	95.9381	0.7272	0.2304	0.9577	2.4093	244.2238	24.6996	38.3912	50.4186	0.1560
14/12/2017	96.1026	0.7461	0.2443	0.9904	2.2436	247.5208	22.8579	38.2135	50.2861	0.1172
15/12/2017	95.9088	0.7462	0.2769	1.0463	2.2073	249.5644	20.3358	38.1737	50.2381	0.1237
16/12/2017	95.9655	0.7169	0.2576	0.9831	2.2877	247.0766	17.8315	38.2009	50.2571	0.1855
17/12/2017	96.0531	0.6881	0.2895	1.0005	2.2629	246.7488	16.9281	38.2586	50.2923	0.0761
18/12/2017	96.2784	0.6887	0.2599	0.9671	2.1213	246.9862	15.5333	38.1684	50.2628	0.0772
19/12/2017	96.0395	0.7165	0.2689	0.9889	2.0941	247.7246	14.0886	38.1889	50.2829	0.0786
20/12/2017	95.9468	0.7046	0.2698	0.9881	2.5021	248.9802	13.2550	38.3223	50.3688	0.0751
21/12/2017	96.0708	0.7295	0.2814	1.0131	2.2277	250.8497	14.1164	38.1822	50.2774	0.1071
22/12/2017	96.4059	0.7474	0.2821	1.0445	2.1113	250.3158	16.3330	38.1226	50.2157	0.1125
23/12/2017	96.6286	0.7025	0.2238	0.9351	1.9273	250.6961	16.0673	38.0995	50.2132	0.1313
24/12/2017	96.4760	0.7224	0.1914	0.9680	2.0382	246.5151	19.2826	38.1293	50.1970	0.1239
25/12/2017	96.5303	0.7363	0.2048	0.9750	1.8741	242.2738	18.2607	38.0772	50.2226	0.1168
26/12/2017	96.5636	0.7692	0.2155	0.9954	1.8863	242.0269	16.3659	38.0794	50.2198	0.1032
27/12/2017	96.6509	0.7736	0.2352	1.0196	1.9134	243.6852	16.7072	38.0693	50.2076	0.1032
28/12/2017	96.3860	0.7309	0.2402	0.9710	1.9561	245.0012	14.5517	38.0801	50.2086	0.0772
29/12/2017	96.3476	0.7524	0.2173	0.9833	2.1537	247.3331	14.3315	38.2567	50.3360	0.0772
30/12/2017	96.4213	0.7500	0.2239	0.9830	2.0260	247.8888	16.8417	38.1796	50.2696	0.0776
31/12/2017	96.3639	0.7221	0.2267	0.9541	2.1237	247.1750	15.3240	38.1923	50.2946	0.7762
<b>Mínimo</b>	95.5673	0.6395	0.1914	0.8531	1.8741	242.0269	13.2550	38.0693	50.1970	0.0751

**Observaciones:**